

Full & Default Power													
<WCDMA>													
	WCDMA II Ant 1			WCDMA IV Ant 1			WCDMA V Ant 1						
	Band	WCDMA II			WCDMA IV			WCDMA V					
	TX Channel	9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4162	4233	Tune-up Limit
	FR Channel	9662	9800	9938	(dBm)	1632	1633	1728	(dBm)	4357	4407	4458	(dBm)
	Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		836.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	BRAC 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.35	24.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.41	22.44	23.00	22.20	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	21.66	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.83	21.83	22.50
3GPP Rel 6	HSDPA Subtest-4	21.72	21.77	21.80	22.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.26	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.90	21.84	21.84	22.50	21.67	21.77	21.82	22.50	21.86	21.82	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	21.87	21.83	22.50	21.86	21.84	21.71	22.50	21.84	21.81	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.33	21.38	21.38	22.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.28	22.32	23.00	22.42	22.36	22.37	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.80	19.67	19.75	20.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-Int. (ms)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.35	23.41	23.34	24.5	0		
20	QPSK	1	49	23.35	23.38	23.27	24.5	0		
20	QPSK	1	98	23.35	23.38	23.27	24.5	0		
20	QPSK	50	24	22.48	22.42	22.32	23.5	1		
20	QPSK	50	50	22.43	22.41	22.31	23.5	1		
20	QPSK	100	0	22.48	22.51	22.43	23.5	1		
20	16QAM	1	0	22.79	22.83	22.68	23.5	1		
20	16QAM	1	49	22.78	22.78	22.61	23.5	1		
20	16QAM	1	99	22.34	22.37	22.38	23.5	1		
20	16QAM	50	24	21.44	21.37	21.28	22.5	2		
20	16QAM	50	50	21.43	21.36	21.24	22.5	2		
20	16QAM	100	0	21.36	21.46	21.32	22.5	2		
20	64QAM	1	0	21.76	21.76	21.61	22.5	2		
20	64QAM	1	49	21.58	21.52	21.39	22.5	2		
20	64QAM	1	99	21.76	21.68	21.62	22.5	2		
20	64QAM	50	24	20.42	20.48	20.42	21.5	3		
20	64QAM	50	50	20.38	20.35	20.27	21.5	3		
20	64QAM	100	0	20.42	20.44	20.42	21.5	3		
20	256QAM	1	0	18.58	18.55	18.66	19.5	5		
20	256QAM	1	49	18.51	18.52	18.64	19.5	5		
20	256QAM	1	99	18.49	18.72	18.57	19.5	5		
20	256QAM	50	24	18.43	18.40	18.34	19.5	5		
20	256QAM	50	50	18.30	18.35	18.44	19.5	5		
20	256QAM	100	0	18.34	18.28	18.54	19.5	5		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.31	23.32	23.27	24.5	0		
15	QPSK	1	27	23.11	23.10	23.22	24.5	0		
15	QPSK	1	74	23.31	23.18	23.09	24.5	0		
15	QPSK	36	0	22.23	22.49	22.29	23.5	1		
15	QPSK	36	24	22.28	22.33	22.29	23.5	1		
15	QPSK	36	50	22.35	22.30	22.27	23.5	1		
15	QPSK	75	0	22.36	22.44	22.24	23.5	1		
15	16QAM	1	0	22.69	22.71	22.49	23.5	1		
15	16QAM	1	27	22.78	22.73	22.59	23.5	1		
15	16QAM	1	74	22.52	22.79	22.34	23.5	1		
15	16QAM	36	0	21.32	21.34	21.13	22.5	2		
15	16QAM	36	24	21.25	21.15	21.08	22.5	2		
15	16QAM	36	50	21.37	21.39	21.12	22.5	2		
15	16QAM	75	0	21.21	21.54	21.20	22.5	2		
15	64QAM	1	0	21.27	21.66	21.48	22.5	2		
15	64QAM	1	27	21.47	21.68	21.61	22.5	2		
15	64QAM	1	74	21.70	21.49	21.63	22.5	2		
15	64QAM	36	0	20.35	20.36	20.36	21.5	3		
15	64QAM	36	24	20.28	20.42	20.42	21.5	3		
15	64QAM	36	50	20.34	20.32	20.32	21.5	3		
15	64QAM	75	0	20.38	20.32	20.37	21.5	3		
15	256QAM	1	0	18.09	18.48	18.08	19.5	5		
15	256QAM	1	37	18.46	18.46	18.34	19.5	5		
15	256QAM	1	74	18.30	18.66	18.42	19.5	5		
15	256QAM	50	0	18.24	18.26	18.25	19.5	5		
15	256QAM	50	24	18.14	18.26	18.33	19.5	5		
15	256QAM	50	50	18.05	18.12	18.48	19.5	5		
15	256QAM	75	0	18.25	18.30	18.45	19.5	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.28	23.28	23.23	24.5	0		
10	QPSK	1	25	23.24	23.21	23.25	24.5	0		
10	QPSK	1	49	23.24	23.20	23.22	24.5	0		
10	QPSK	25	0	22.31	22.40	22.30	23.5	1		
10	QPSK	25	12	22.27	22.24	22.24	23.5	1		
10	QPSK	25	24	22.27	22.25	22.25	23.5	1		
10	QPSK	50	0	22.41	22.37	22.33	23.5	1		
10	16QAM	1	0	22.64	22.69	22.49	23.5	1		
10	16QAM	1	25	22.68	22.68	22.63	23.5	1		
10	16QAM	1	49	22.77	22.89	22.78	23.5	1		
10	16QAM	25	0	21.24	21.22	21.27	22.5	2		
10	16QAM	25	12	21.25	21.20	21.29	22.5	2		
10	16QAM	25	25	21.35	21.49	21.08	22.5	2		
10	16QAM	50	0	21.24	21.59	21.23	22.5	2		
10	16QAM	50	24	21.28	21.41	21.27	22.5	2		
10	16QAM	50	50	21.35	21.35	21.45	22.5	2		
10	64QAM	1	25	21.54	21.63	21.65	22.5	2		
10	64QAM	1	49	21.60	21.51	21.77	22.5	2		
10	64QAM	25	0	20.34	20.34	20.27	21.5	3		
10	64QAM	25	12	20.28	20.27	20.25	21.5	3		
10	64QAM	25	25	20.33	20.33	20.40	21.5	3		
10	64QAM	50	0	20.36	20.34	20.26	21.5	3		
10	256QAM	1	0	18.52	18.50	18.54	19.5	5		
10	256QAM	1	25	18.47	18.48	18.34	19.5	5		
10	256QAM	1	49	18.41	18.53	18.42	19.5	5		
10	256QAM	25	0	18.37	18.40	18.35	19.5	5		
10	256QAM	25	12	18.26	18.49	18.39	19.5	5		
10	256QAM	25	25	18.15	18.20	18.36	19.5	5		
10	256QAM	50	0	18.32	18.31	18.45	19.5	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.29	23.33	23.22	24.5	0		
5	QPSK	1	49	23.28	23.26	23.15	24.5	0		
5	QPSK	1	24	23.27	23.29	23.11	24.5	0		
5	QPSK	12	0	22.30	22.42	22.39	23.5	1		
5	QPSK	12	6	22.27	22.27	22.14	23.5	1		
5	QPSK	12	13	22.29	22.34	22.34	23.5	1		
5	QPSK	25	0	22.40	22.33	22.38	23.5	1		
5	16QAM	1	0	22.63	22.78	22.60	23.5	1		
5	16QAM	1	12	22.79	22.78	22.52	23.5	1		
5	16QAM	1	24	22.83	22.82	22.77	23.5	1		
5	16QAM	12	0	21.27	21.29	21.16	22.5	2		
5	16QAM	12	6	21.32	21.17	21.20	22.5	2		
5	16QAM	12	13	21.24	21.45	21.18	22.5	2		
5	16QAM	25	0	21.25	21.53	21.27	22.5	2		
5	16QAM	25	12	21.46	21.63	21.62	22.5	2		
5	16QAM	1	12	21.46	21.68	21.65	22.5	2		
5	64QAM	1	24	21.69	21.53	21.68	22.5	2		
5	64QAM	12	0	20.36	20.31	20.31	21.5	3		
5	64QAM	12	6	20.30	20.55	20.41	21.5	3		
5	64QAM	12	13	20.20	20.16	20.38	21.5	3		
5	64QAM	25	0	20.34	20.37	20.29	21.5	3		
5	256QAM	1	12	18.33	18.33	18.24	19.5	5		
5	256QAM	1	24	18.33	18.54	18.47	19.5	5		
5	256QAM	12	0	18.27	18.24	18.30	19.5	5		
5	256QAM	12	6	18.21	18.35	18.31	19.5	5		
5	256QAM	12	13	18.18	18.19	18.49	19.5	5		
5	256QAM	25	0	18.32	18.32	18.46	19.5	5		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.51	18.66	18.63	19.5	5		
1.4	QPSK	1	8	18.19	18.58	18.28	19.5	5		
1.4	QPSK	1	14	18.19	18.22	18.14	24.5	0		
1.4	QPSK	8	0	18.28	18.45	18.29	23.5	1		
1.4	QPSK	8	7	18.27	18.33	18.27	23.5	1		
1.4	QPSK	15	0	18.41	18.46	18.28	23.5	1		
1.4	QPSK	15	7	18.41	18.46	18.28	23.5	1		
1.4	16QAM	1	8	20.29	20.27	20.27	23.5	1		
1.4	16QAM	1	14	20.27	20.15	20.27	23.5	1		
1.4	16QAM	8	0	21.27	21.25	21.20	22.5	2		
1.4	16QAM	8	7	21.28	21.18	21.20	22.5	2		
1.4	16QAM	8	7	21.25	21.43	21.07	22.5	2		
1.4	16QAM	15	0	21.34	21.53	21.20	22.5	2		
1.4	64QAM	1	14	21.68	21.65	21.68	22.5	2		
1.4	64QAM	1	14	21.67	21.50	21.74	22.5	2		
1.4	64QAM	8	0	20.29	20.29	20.29	21.5	3		
1.4	64QAM	8	4	20.27	20.19	20.29	21.5	3		
1.4	256QAM	1	8	18.36	18.30	18.31	19.5	5		
1.4	256QAM	1	14	18.34	18.58	18.41	19.5	5		
1.4	256QAM	8	0	18.17	18.48	18.35	19.5	5		
1.4	256QAM	8	7	18.09	18.13	18.48	19.5	5		
1.4	256QAM	8	7	18.09	18.22	18.48	19.5	5		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.51	18.66	18.63	19.5	5		
1.4	QPSK	1	8	18.19	18.58	18.28	19.5	5		
1.4	QPSK	1	14	18.19	18.22	18.14	24.5	0		
1.4	QPSK	8	0	18.28	18.45	18.29	23.5	1		
1.4	QPSK	8	7	18.27	18.33	18.27	23.5	1		
1.4	QPSK	15	0	18.41	18.46	18.28	23.5	1		
1.4	QPSK	15	7	18.41	18.46	18.28	23.5	1		
1.4	16QAM	1	8	20.29	20.27	20.27	23.5	1		
1.4	16QAM	1	14	20.27	20.15	20.27	23.5	1		
1.4	16QAM	8	0	21.27	21.25	21.20	22.5	2		
1.4	16QAM	8	7	21.28	21.18	21.20	22.5	2		
1.4	16QAM	8	7	21.25	21.43	21.07	22.5	2		
1.4	16QAM	15	0</							

LTE Band 12 Ant1										
BS (MHz)	Multicast	RB Size	RB Offset	Power DL (dBm)	Power UL (dBm)	Power Ref (dBm)	Time-up link (min)	MFR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.05	24.10	24.01	25	0		
10	QPSK	1	25	23.84	24.05	23.83				
10	QPSK	1	49	23.84	23.92	23.83				
10	QPSK	25	12	22.97	23.01	23.02				
10	QPSK	25	25	23.05	23.08	23.05				
10	QPSK	50	0	22.99	23.13	22.93	24	1		
10	16QAM	1	0	24.14	24.31	24.11				
10	16QAM	1	25	23.93	24.07	23.91				
10	16QAM	1	49	23.13	23.21	23.43				
10	16QAM	25	12	22.20	21.98	21.87				
10	16QAM	25	25	22.24	22.29	22.32	23	2		
10	16QAM	50	0	22.07	22.15	21.94				
10	16QAM	1	0	22.07	22.24	22.38				
10	16QAM	1	25	22.10	22.05	22.15				
10	16QAM	1	49	22.05	22.36	22.23				
10	16QAM	25	0	21.18	21.06	21.05	22	3		
10	16QAM	25	12	21.05	20.88	21.11				
10	16QAM	25	25	20.93	21.14	20.98				
10	16QAM	50	0	20.97	21.18	21.14				
10	16QAM	1	0	19.41	19.41	19.41				
10	16QAM	1	25	19.13	19.11	19.04	20	5		
10	16QAM	1	49	19.23	19.14	19.30				
10	16QAM	25	0	19.17	19.09	19.12				
10	16QAM	25	12	19.07	19.01	18.96				
10	16QAM	25	25	18.96	19.26	18.99				
10	16QAM	50	0	18.94	19.22	19.08				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.98	23.94	23.87	25	0		
5	QPSK	1	13	23.72	23.81	23.76				
5	QPSK	1	24	23.78	23.79	23.72				
5	QPSK	12	0	22.95	23.10	22.95				
5	QPSK	12	7	22.77	22.81	22.86				
5	QPSK	12	13	22.85	22.90	22.79	24	1		
5	QPSK	25	0	22.77	22.98	22.83				
5	16QAM	1	0	23.02	23.15	23.07				
5	16QAM	1	12	22.95	23.07	23.12				
5	16QAM	1	24	22.97	23.15	23.36				
5	16QAM	12	0	21.79	21.96	21.92	23	2		
5	16QAM	12	7	21.63	21.80	21.83				
5	16QAM	12	13	21.67	21.86	21.97				
5	16QAM	25	0	21.87	22.10	21.89				
5	16QAM	1	0	22.11	22.10	22.31				
5	16QAM	1	12	22.12	22.00	22.02	23	2		
5	16QAM	1	24	22.15	22.23	22.18				
5	16QAM	12	0	21.05	20.88	20.94				
5	16QAM	12	7	21.09	20.98	21.06				
5	16QAM	12	13	20.85	20.96	20.90				
5	16QAM	25	0	20.93	21.08	20.85	22	3		
5	16QAM	1	0	19.84	19.92	19.95				
5	16QAM	1	12	19.94	19.93	19.90				
5	16QAM	1	24	19.14	19.03	19.10				
5	16QAM	12	0	19.03	19.02	19.07				
5	16QAM	12	7	19.00	19.06	19.08	20	5		
5	16QAM	12	13	18.87	19.17	18.85				
5	16QAM	25	0	19.74	19.16	19.90				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.99	23.90	23.85	25	0		
3	QPSK	1	8	23.85	23.94	23.79				
3	QPSK	1	14	23.77	23.72	23.75				
3	QPSK	8	0	23.02	23.04	22.95				
3	QPSK	8	7	22.88	22.98	22.79				
3	QPSK	8	7	22.88	22.98	22.79	24	1		
3	QPSK	16	0	22.82	22.94	22.75				
3	16QAM	1	0	23.05	23.23	23.02				
3	16QAM	1	8	23.23	23.22	23.04				
3	16QAM	1	14	23.09	23.11	23.30				
3	16QAM	8	0	21.83	21.90	21.91	23	2		
3	16QAM	8	4	22.03	21.80	21.87				
3	16QAM	8	7	22.09	21.94	21.98				
3	16QAM	15	0	21.99	21.99	21.84				
3	16QAM	1	0	22.23	22.16	22.19				
3	16QAM	1	8	22.13	21.90	22.09	23	2		
3	16QAM	1	14	22.10	22.16	22.10				
3	16QAM	8	0	21.03	20.94	20.89				
3	16QAM	8	4	20.88	20.93	20.95				
3	16QAM	8	7	20.74	21.07	20.93				
3	16QAM	15	0	20.85	21.13	21.02	22	3		
3	16QAM	1	0	19.84	19.86	19.81				
3	16QAM	1	8	19.94	19.05	19.00				
3	16QAM	1	14	19.03	19.03	19.13				
3	16QAM	8	0	18.87	18.84	18.94				
3	16QAM	8	4	18.85	18.96	18.91	20	5		
3	16QAM	8	7	18.85	18.20	18.84				
3	16QAM	15	0	18.77	18.97	18.87				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.00	24.06	23.94	25	0		
1.4	QPSK	1	3	23.86	23.97	23.72				
1.4	QPSK	1	5	23.71	23.81	23.67				
1.4	QPSK	3	0	23.87	23.97	23.83				
1.4	QPSK	3	1	23.70	23.89	23.82				
1.4	QPSK	3	3	23.76	23.83	23.75	24	1		
1.4	QPSK	6	0	22.91	22.97	22.86				
1.4	16QAM	1	0	22.84	22.78	22.78				
1.4	16QAM	1	5	22.93	22.87	22.83				
1.4	16QAM	1	8	22.75	22.83	22.59				
1.4	16QAM	3	0	22.98	23.18	22.91	24	1		
1.4	16QAM	3	1	23.18	23.19	22.94				
1.4	16QAM	3	3	22.97	22.94	23.17				
1.4	16QAM	6	0	21.76	21.84	21.73				
1.4	16QAM	1	0	21.96	21.72	21.59				
1.4	16QAM	1	3	22.02	21.83	21.86	23	2		
1.4	16QAM	1	5	21.82	21.91	21.79				
1.4	16QAM	3	0	22.13	22.10	22.08				
1.4	16QAM	3	1	22.02	21.80	21.98				
1.4	16QAM	3	3	21.94	22.12	21.98				
1.4	16QAM	6	0	20.87	20.77	20.72	22	3		
1.4	16QAM	1	0	19.90	19.94	19.90				
1.4	16QAM	1	3	19.06	19.05	18.97				
1.4	16QAM	1	5	18.19	18.00	18.14				
1.4	16QAM	3	0	19.03	18.96	19.00				
1.4	16QAM	3	1	18.88	18.97	18.90	20	5		
1.4	16QAM	3	3	18.92	19.07	18.83				
1.4	16QAM	6	0	18.76	18.99					

LTE Band 26 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low	Power Main	Power Power	Time-int. (ms)	MPH (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.83	23.95	23.82	25	0	
15	QPSK	1	8	23.75	23.87	23.87	25	0	
15	QPSK	1	16	23.68	23.80	23.67	25	0	
15	QPSK	36	0	22.84	22.95	22.79	24	1	
15	QPSK	36	24	22.74	22.95	22.95	24	1	
15	QPSK	36	48	22.84	22.95	22.79	24	1	
15	QPSK	75	0	22.78	22.92	22.88	24	1	
15	16QAM	1	0	22.72	22.99	23.08	24	1	
15	16QAM	1	8	22.68	22.87	22.92	24	1	
15	16QAM	1	16	22.77	23.03	22.91	24	1	
15	16QAM	36	0	21.93	21.89	21.73	23	2	
15	16QAM	36	24	21.82	21.86	21.72	23	2	
15	16QAM	36	48	21.79	21.91	22.04	23	2	
15	16QAM	75	0	21.73	21.74	21.54	23	2	
15	16QAM	1	0	22.27	22.22	22.24	23	2	
15	16QAM	1	8	22.11	22.18	22.20	23	2	
15	16QAM	1	16	22.15	22.06	22.21	23	2	
15	16QAM	36	0	20.84	20.91	20.87	22	3	
15	16QAM	36	24	20.97	20.79	20.80	22	3	
15	16QAM	36	48	20.90	20.79	20.30	22	3	
15	16QAM	75	0	20.98	20.92	21.03	20	5	
15	256QAM	1	0	19.07	19.10	19.12	20	5	
15	256QAM	1	8	18.98	19.16	19.18	20	5	
15	256QAM	1	16	18.94	19.08	19.17	20	5	
15	256QAM	36	0	18.83	18.83	18.85	20	5	
15	256QAM	36	24	18.48	18.78	18.50	20	5	
15	256QAM	36	48	18.80	18.84	18.82	20	5	
15	256QAM	75	0	18.49	18.79	18.75	20	5	
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.88	23.86	23.85	25	0	
10	QPSK	1	8	23.87	23.87	23.86	25	0	
10	QPSK	1	16	23.87	23.84	23.73	25	0	
10	QPSK	25	0	22.71	22.87	22.98	24	1	
10	QPSK	25	12	22.84	22.84	22.83	24	1	
10	QPSK	25	24	22.71	22.85	22.83	24	1	
10	QPSK	50	0	22.84	22.90	22.83	24	1	
10	16QAM	1	0	22.63	22.59	22.59	24	1	
10	16QAM	1	8	22.62	22.78	22.83	24	1	
10	16QAM	1	16	22.50	22.50	22.52	24	1	
10	16QAM	25	0	21.84	21.77	21.83	23	2	
10	16QAM	25	12	21.75	21.84	21.74	23	2	
10	16QAM	25	24	21.82	21.78	21.97	23	2	
10	16QAM	50	0	21.87	21.82	21.85	23	2	
10	16QAM	1	0	22.78	22.70	22.67	23	2	
10	16QAM	1	8	22.97	22.92	22.92	23	2	
10	16QAM	1	16	22.97	22.92	22.92	23	2	
10	16QAM	25	0	20.96	20.93	20.96	22	3	
10	16QAM	25	12	20.91	20.81	20.71	22	3	
10	16QAM	25	24	20.98	20.96	20.96	22	3	
10	16QAM	50	0	20.91	20.92	20.90	22	3	
10	16QAM	50	0	20.88	20.78	20.85	20	5	
10	256QAM	1	0	18.88	18.84	18.84	20	5	
10	256QAM	1	8	18.85	18.94	19.05	20	5	
10	256QAM	1	16	18.86	18.90	18.90	20	5	
10	256QAM	25	0	18.76	18.98	18.97	20	5	
10	256QAM	25	12	18.35	18.68	18.30	20	5	
10	256QAM	25	24	18.35	18.37	18.45	20	5	
10	256QAM	50	0	18.37	18.71	18.61	20	5	
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.72	23.87	23.84	25	0	
5	QPSK	1	8	23.68	23.86	23.81	25	0	
5	QPSK	1	16	23.51	23.70	23.77	25	0	
5	QPSK	12	0	22.75	22.86	22.88	24	1	
5	QPSK	12	6	22.78	22.88	22.80	24	1	
5	QPSK	25	0	22.81	22.96	22.74	24	1	
5	16QAM	1	0	22.83	22.81	23.00	24	1	
5	16QAM	1	8	22.87	22.78	22.84	24	1	
5	16QAM	1	16	22.81	22.78	22.76	24	1	
5	16QAM	12	0	21.78	21.70	21.67	23	2	
5	16QAM	12	6	21.74	21.78	21.65	23	2	
5	16QAM	12	12	21.72	21.87	21.90	23	2	
5	16QAM	25	0	21.80	21.85	21.85	23	2	
5	16QAM	1	0	22.04	22.06	22.09	23	2	
5	16QAM	1	16	22.04	22.04	22.04	23	2	
5	16QAM	1	24	22.09	22.04	22.01	23	2	
5	16QAM	12	0	20.77	20.76	20.87	22	3	
5	16QAM	12	6	21.01	20.90	20.98	22	3	
5	16QAM	12	12	20.86	20.82	20.79	22	3	
5	16QAM	25	0	20.87	20.87	20.92	22	3	
5	256QAM	1	0	18.85	18.85	18.86	20	5	
5	256QAM	1	12	18.79	18.85	18.11	20	5	
5	256QAM	1	24	18.88	18.88	18.09	20	5	
5	256QAM	12	0	18.87	18.87	18.81	20	5	
5	256QAM	12	6	18.34	18.71	18.41	20	5	
5	256QAM	12	12	18.42	18.37	18.48	20	5	
5	256QAM	25	0	18.43	18.74	18.55	20	5	
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.73	23.83	23.69	25	0	
3	QPSK	1	8	23.68	23.80	23.65	25	0	
3	QPSK	1	16	23.53	23.84	23.79	25	0	
3	QPSK	8	0	22.86	22.95	22.81	24	1	
3	QPSK	8	8	22.89	22.81	22.77	24	1	
3	QPSK	8	16	22.77	22.85	22.75	24	1	
3	QPSK	16	0	22.69	22.96	22.83	24	1	
3	16QAM	1	0	22.59	22.91	22.87	24	1	
3	16QAM	1	8	22.53	22.71	22.81	24	1	
3	16QAM	1	16	22.58	22.96	22.74	24	1	
3	16QAM	8	0	21.87	21.83	21.85	23	2	
3	16QAM	8	8	21.74	21.74	21.84	23	2	
3	16QAM	8	16	21.80	21.78	21.97	23	2	
3	16QAM	16	0	21.82	21.85	21.82	23	2	
3	16QAM	1	0	22.19	22.13	22.19	23	2	
3	16QAM	1	8	22.04	22.10	22.15	23	2	
3	16QAM	1	16	22.04	21.96	22.09	23	2	
3	16QAM	8	0	20.71	20.75	20.72	22	3	
3	16QAM	8	8	20.93	20.88	20.89	22	3	
3	16QAM	8	16	20.93	20.88	20.75	22	3	
3	16QAM	16	0	20.87	20.82	20.84	22	3	
3	256QAM	1	0	18.89	18.87	18.86	20	5	
3	256QAM	1	8	18.87	18.84	18.80	20	5	
3	256QAM	1	16	18.87	18.81	18.99	20	5	
3	256QAM	8	0	18.46	18.47	18.40	20	5	
3	256QAM	8	8	18.40	18.55	18.31	20	5	
3	256QAM	8	16	18.53	18.40	18.54	20	5	
3	256QAM	16	0	18.51	18.72	18.55	20	5	
Channel									
Frequency (MHz)									
14	QPSK	1	0	23.74	23.85	23.83	25	0	
14	QPSK	1	8	23.64	23.87	23.85	25	0	
14	QPSK	1	16	23.84	23.80	23.79	25	0	
14	QPSK	3	0	23.89	23.79	23.73	24	1	
14	QPSK	3	8	23.86	23.80	23.69	24	1	
14	QPSK	3	16	23.56	23.84	23.76	24	1	
14	QPSK	6	0	22.52	22.89	22.45	24	1	
14	16QAM	1	0	22.80	22.75	22.89	24	1	
14	16QAM	1	8	22.98	22.88	22.89	24	1	
14	16QAM	1	16	22.40	22.88	22.75	24	1	
14	16QAM	3	0	22.53	22.75	22.87	24	1	
14	16QAM	3	8	22.85	22.85	22.78	24	1	
14	16QAM	3	16	22.97	22.84	22.70	23	2	
14	16QAM	6	0	21.68	21.68	21.58	23	2	
14	16QAM	1	0	21.80	21.70	21.48	23	2	
14	16QAM	1	8	21.43	21.39	21.39	23	2	
14	16QAM	1	16	21.55	21.58	21.73	23	2	
14	16QAM	3	0	22.84	22.71	22.69	23	2	
14	16QAM	3	8	21.90	21.94	22.07	23	2	
14	16QAM	3	16	21.87	21.96	21.95	23	2	
14	16QAM	6	0	20.86	20.80	20.53	22	3	
14	256QAM	1	0	18.92	18.91	18.97	20	5	
14	256QAM	1	8	18.80	18.11	18.11	20	5	
14	256QAM	1	16	18.76	18.04	18.11	20	5	
14	256QAM	3	0	18.85	18.57	18.51	20	5	
14	256QAM	3	8	18.30	18.39	18.33	20	5	
14	256QAM	3	16	18.48	18.34	18.53	20	5	

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	21.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71	21.5	2	
20	64QAM	1	49	20.58	20.61	20.82			
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55	20.5	3	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	5	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	5	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	17.39	17.65	17.54
20	256QAM	100	0	17.39	17.65	17.54			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49	17.28	17.57	17.48
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.92	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	21.5	2	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	20.5	3	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47	2077.5	21100	21425
Channel				2502.5	2535	2567.5			
Frequency (MHz)				21.91	22.14	22.06	23.5	0	
5	QPSK	1	0	21.91	22.14	22.06			
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05	22.5	1	
5	QPSK	12	0	21.24	21.34	21.29			
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42	22.5	1	
5	QPSK	25	0	21.28	21.39	21.21			
5	16QAM	1	0	21.34	21.48	21.40	22.5	1	
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68			
5	16QAM	12	0	20.38	20.40	20.27	21.5	2	
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56			
5	16QAM	25	0	20.41	20.38	20.19	21.5	2	
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77			
5	64QAM	1	24	20.34	20.38	20.75	20.5	3	
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52			
5	64QAM	12	13	19.46	19.34	19.51	18.5	5	
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68			
5	256QAM	1	12	17.65	17.37	17.67	18.5	5	
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39			
5	256QAM	12	7	17.24	17.34	17.36	18.5	5	
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch	Power Middle Ch	Power High Ch	Tune-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	22.99	23.15	23.12	24	0					
20	QPSK	1	49	22.97	23.09	22.88							
20	QPSK	1	99	22.97	23.06	22.89							
20	QPSK	50	0	22.25	22.29	22.09							
20	QPSK	50	24	21.97	22.22	22.08							
20	QPSK	50	50	22.18	22.24	22.13	23	1					
20	QPSK	100	0	22.10	22.27	21.98							
20	16QAM	1	0	21.98	22.04	22.12							
20	16QAM	1	49	22.07	21.97	21.89							
20	16QAM	1	99	22.09	22.02	22.00							
20	16QAM	50	0	21.36	21.26	21.33	22	2					
20	16QAM	50	24	21.14	21.16	21.35							
20	16QAM	50	50	21.40	21.19	21.26							
20	16QAM	100	0	21.11	21.28	21.31							
20	64QAM	1	0	21.24	21.21	21.37							
20	64QAM	1	49	21.36	21.08	21.22	22	2					
20	64QAM	1	99	21.37	21.03	21.06							
20	64QAM	50	0	20.16	20.26	20.40							
20	64QAM	50	24	20.17	20.23	20.30							
20	64QAM	50	50	20.32	20.19	20.40							
20	64QAM	100	0	20.12	20.31	20.28	21	3					
20	256QAM	1	0	18.22	18.13	18.08							
20	256QAM	1	49	18.10	17.96	18.28							
20	256QAM	1	99	18.11	18.20	18.22							
20	256QAM	50	0	18.05	18.19	18.32							
20	256QAM	50	24	18.21	18.20	18.22	19	5					
20	256QAM	50	50	18.04	18.15	18.05							
20	256QAM	100	0	18.20	18.19	18.21							
Channel													
Frequency (MHz)													
15	QPSK	1	0	22.85	22.95	22.97	24	0					
15	QPSK	1	37	22.92	22.90	22.82							
15	QPSK	1	74	22.89	22.92	22.70							
15	QPSK	36	0	22.20	22.17	21.93							
15	QPSK	36	20	21.79	22.15	21.99							
15	QPSK	36	39	22.00	22.16	22.04	23	1					
15	QPSK	75	0	21.96	22.11	21.83							
15	16QAM	1	0	21.81	21.87	22.01							
15	16QAM	1	37	21.91	21.92	21.76							
15	16QAM	1	74	21.97	21.89	21.82							
15	16QAM	36	0	21.31	21.12	21.19	22	2					
15	16QAM	36	20	20.96	21.10	21.28							
15	16QAM	36	39	21.36	21.01	21.18							
15	16QAM	75	0	20.95	21.13	21.22							
15	64QAM	1	0	21.11	21.05	21.24							
15	64QAM	1	37	21.28	20.96	21.05	22	2					
15	64QAM	1	74	21.23	20.94	20.87							
15	64QAM	36	0	20.02	20.19	20.23							
15	64QAM	36	20	20.09	20.18	20.24							
15	64QAM	36	39	20.25	20.13	20.31							
15	64QAM	75	0	19.97	20.20	20.10	21	3					
15	256QAM	1	0	18.09	18.06	17.96							
15	256QAM	1	37	18.04	17.77	18.17							
15	256QAM	1	74	17.92	18.11	18.18							
15	256QAM	36	0	17.94	18.11	18.22							
15	256QAM	36	20	18.13	18.04	18.13	19	5					
15	256QAM	36	39	17.91	18.05	17.93							
15	256QAM	75	0	18.07	18.12	18.14							
Channel													
Frequency (MHz)													
10	QPSK	1	0	22.84	23.10	23.03	24	0					
10	QPSK	1	25	22.85	23.00	22.70							
10	QPSK	1	49	22.81	22.99	22.74							
10	QPSK	25	0	22.14	22.14	21.97							
10	QPSK	25	12	21.92	22.03	21.92							
10	QPSK	25	25	22.08	22.14	22.02	23	1					
10	QPSK	50	0	21.96	22.22	21.84							
10	16QAM	1	0	21.86	21.96	21.94							
10	16QAM	1	25	22.00	21.88	21.70							
10	16QAM	1	49	21.89	21.94	21.86							
10	16QAM	25	0	21.25	21.19	21.24	22	2					
10	16QAM	25	12	21.08	20.97	21.21							
10	16QAM	25	25	21.35	21.07	21.14							
10	16QAM	50	0	21.05	21.20	21.28							
10	64QAM	1	0	21.04	21.06	21.31							
10	64QAM	1	25	21.29	20.90	21.10	22	2					
10	64QAM	1	49	21.19	20.90	20.91							
10	64QAM	25	0	20.06	20.18	20.23							
10	64QAM	25	12	20.05	20.18	20.11							
10	64QAM	25	25	20.15	20.11	20.20							
10	64QAM	50	0	19.92	20.12	20.19	21	3					
10	256QAM	1	0	18.14	18.02	17.92							
10	256QAM	1	25	18.06	17.83	18.14							
10	256QAM	1	49	18.02	18.08	18.06							
10	256QAM	25	0	17.85	18.10	18.13							
10	256QAM	25	12	18.17	18.14	18.11	19	5					
10	256QAM	25	25	18.00	18.02	17.90							
10	256QAM	50	0	18.13	18.05	18.15							
Channel													
Frequency (MHz)													
5	QPSK	1	0	22.85	23.09	23.05	24	0					
5	QPSK	1	12	22.90	23.01	22.75							
5	QPSK	1	24	22.90	22.87	22.80							
5	QPSK	12	0	22.11	22.23	22.02							
5	QPSK	12	7	21.89	22.09	21.90							
5	QPSK	12	13	22.08	22.12	21.94	23	1					
5	QPSK	25	0	21.90	22.11	21.86							
5	16QAM	1	0	21.90	21.89	21.94							
5	16QAM	1	12	21.94	21.83	21.71							
5	16QAM	1	24	21.93	21.86	21.80							
5	16QAM	12	0	21.19	21.09	21.22	22	2					
5	16QAM	12	7	21.09	21.04	21.15							
5	16QAM	12	13	21.32	21.07	21.22							
5	16QAM	25	0	21.01	21.20	21.24							
5	64QAM	1	0	21.07	21.05	21.25							
5	64QAM	1	12	21.22	20.98	21.17	22	2					
5	64QAM	1	24	21.27	20.83	21.07							
5	64QAM	12	0	20.01	20.31	20.16							
5	64QAM	12	7	20.13	20.17	20.12							
5	64QAM	12	13	20.13	19.99	20.36							
5	64QAM	25	0	20.07	20.14	20.12	19	5					
5	256QAM	1	0	18.15	17.95	18.01							
5	256QAM	1	12	17.92	17.81	18.22							
5	256QAM	1	24	18.02	18.04	18.05							
5	256QAM	12	0	17.89	18.05	18.26							
5	256QAM	12	7	18.11	18.14	18.14	19	5					
5	256QAM	12	13	17.99	18.05	17.88							
5	256QAM	25	0	18.08	18.10	18.12							

LTE Band 2 Ant4 For ENDC										LTE Band 4 Ant4 For ENDC										LTE Band 25 Ant4 For ENDC										LTE Band 66 Ant4 For ENDC										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-slot (ms)	APR (dB)	APR (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-slot (ms)	APR (dB)	APR (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-slot (ms)	APR (dB)	APR (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-slot (ms)	APR (dB)	APR (dB)	
Channel										Channel										Channel										Channel										
Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										Frequency (MHz)										
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0	
20	QPSK	1	49	23.13	23.41	23.69	24.6	0		20	QPSK	1	49	23.13	23.41	23.69	24.6	0			20	QPSK	1																	

LTE Band 42 FCC (3.5GHz Band) (3550-3600MHz) Part 96													
BW (MHz)	Modulation	RB Size	RB Offset	Low Fch	Center Fch	High Fch	Time-up limit (dBm)	MPR (dB)					
Channel		Frequency (MHz)		43155	43340	43515							
20	QPSK	1	0	22.60	22.70	22.99	24	0					
20	QPSK	1	49	22.67	22.98	22.93							
20	QPSK	50	0	21.68	21.85	21.62							
20	QPSK	50	24	21.73	21.85	21.54							
20	QPSK	100	0	21.67	21.72	21.66	23	1					
20	16QAM	1	0	21.30	21.61	21.63							
20	16QAM	1	49	21.63	21.57	21.71							
20	16QAM	1	99	21.66	21.58	21.66							
20	16QAM	50	0	20.73	20.65	20.67	22	2					
20	16QAM	50	24	20.52	20.77	20.70							
20	16QAM	100	0	20.63	20.56	20.59							
20	64QAM	1	0	20.70	20.73	20.79							
20	64QAM	1	99	20.83	20.89	20.89	22	2					
20	64QAM	50	0	19.78	19.68	19.55							
20	64QAM	50	24	19.86	19.62	19.73							
20	64QAM	50	50	19.74	19.72	19.59							
20	64QAM	100	0	19.61	19.72	19.62	21	3					
20	256QAM	1	0	17.73	17.68	17.77							
20	256QAM	1	49	17.81	17.72	17.48							
20	256QAM	1	99	17.84	17.57	17.55							
20	256QAM	50	0	17.82	17.75	17.78	19	5					
20	256QAM	50	24	17.62	17.79	17.59							
20	256QAM	50	50	17.61	17.61	17.70							
20	256QAM	100	0	17.84	17.75	17.69							
Channel	Frequency (MHz)			43165	43340	43515	Time-up limit (dBm)				MPR (dB)		
Channel	Frequency (MHz)			3605	3630	3655							
15	QPSK	1	0	22.55	22.62	22.47	24	0					
15	QPSK	1	37	22.41	22.49	22.49							
15	QPSK	1	74	22.55	22.51	22.53							
15	QPSK	36	0	21.61	21.71	21.58							
15	QPSK	36	20	21.67	21.74	21.53	23	1					
15	QPSK	36	39	21.76	21.74	21.41							
15	QPSK	75	0	21.55	21.61	21.56							
15	16QAM	1	0	21.21	21.54	21.58							
15	16QAM	1	37	21.59	21.50	21.68	23	1					
15	16QAM	1	74	21.61	21.50	21.63							
15	16QAM	36	0	20.59	20.54	20.55							
15	16QAM	36	20	20.46	20.66	20.62							
15	16QAM	36	39	20.76	20.47	20.66	22	2					
15	16QAM	75	0	20.50	20.51	20.54							
15	64QAM	1	0	20.57	20.67	20.70							
15	64QAM	1	37	20.73	20.76	20.59							
15	64QAM	1	74	20.58	20.62	20.52	22	2					
15	64QAM	36	0	19.76	19.61	19.45							
15	64QAM	36	20	19.76	19.57	19.67							
15	64QAM	36	39	19.61	19.63	19.49							
15	64QAM	75	0	19.55	19.59	19.50	21	3					
15	256QAM	1	0	17.67	17.61	17.67							
15	256QAM	1	37	17.69	17.64	17.38							
15	256QAM	1	74	17.52	17.48	17.52							
15	256QAM	36	0	17.72	17.63	17.75	19	5					
15	256QAM	36	20	17.49	17.70	17.54							
15	256QAM	36	39	17.48	17.51	17.54							
15	256QAM	75	0	17.75	17.72	17.60							
Channel	Frequency (MHz)			43140	43340	43540	Time-up limit (dBm)				MPR (dB)		
Channel	Frequency (MHz)			3555	3575	3595							
10	QPSK	1	0	22.55	22.65	22.51	24	0					
10	QPSK	1	25	22.37	22.50	22.51							
10	QPSK	1	49	22.56	22.56	22.54							
10	QPSK	25	0	21.55	21.73	21.59							
10	QPSK	25	12	21.61	21.73	21.43	23	1					
10	QPSK	25	25	21.77	21.79	21.47							
10	QPSK	50	0	21.62	21.63	21.62							
10	16QAM	1	0	21.24	21.48	21.56							
10	16QAM	1	25	21.59	21.50	21.59	23	1					
10	16QAM	1	49	21.58	21.52	21.53							
10	16QAM	25	0	20.68	20.57	20.60							
10	16QAM	25	12	20.47	20.63	20.62							
10	16QAM	25	25	20.77	20.38	20.62	22	2					
10	16QAM	50	0	20.55	20.50	20.47							
10	64QAM	1	0	20.61	20.63	20.72							
10	64QAM	1	25	20.79	20.70	20.53							
10	64QAM	1	49	20.56	20.62	20.76	22	2					
10	64QAM	25	0	19.66	19.55	19.43							
10	64QAM	25	12	19.84	19.58	19.47							
10	64QAM	25	25	19.70	19.60	19.48							
10	64QAM	50	0	19.88	19.68	19.48	21	3					
10	256QAM	1	0	17.68	17.62	17.65							
10	256QAM	1	25	17.73	17.67	17.44							
10	256QAM	1	49	17.60	17.49	17.51							
10	256QAM	25	0	17.73	17.68	17.73	19	5					
10	256QAM	25	12	17.49	17.68	17.62							
10	256QAM	25	25	17.50	17.57	17.58							
10	256QAM	50	0	17.73	17.65	17.61							
Channel	Frequency (MHz)			43115	43340	43555	Time-up limit (dBm)				MPR (dB)		
Channel	Frequency (MHz)			35525	3575	3597.5							
5	QPSK	1	0	22.48	22.61	22.48	24	0					
5	QPSK	1	12	22.44	22.50	22.45							
5	QPSK	1	24	22.55	22.50	22.46							
5	QPSK	12	0	21.57	21.72	21.57							
5	QPSK	12	7	21.67	21.73	21.49	23	1					
5	QPSK	12	13	21.77	21.76	21.45							
5	QPSK	25	0	21.54	21.59	21.50							
5	16QAM	1	0	21.27	21.48	21.60							
5	16QAM	1	12	21.56	21.51	21.58	23	1					
5	16QAM	1	24	21.66	21.51	21.61							
5	16QAM	12	0	20.68	20.53	20.54							
5	16QAM	12	7	20.49	20.75	20.54							
5	16QAM	12	13	20.78	20.46	20.58	22	2					
5	16QAM	25	0	20.56	20.48	20.50							
5	64QAM	1	0	20.66	20.66	20.67							
5	64QAM	1	12	20.81	20.73	20.55							
5	64QAM	1	24	20.55	20.77	20.76	22	2					
5	64QAM	12	0	19.68	19.58	19.47							
5	64QAM	12	7	19.77	19.51	19.64							
5	64QAM	12	13	19.65	19.61	19.49							
5	64QAM	25	0	19.54	19.68	19.57							
5	256QAM	1	0	17.69	17.61	17.67	19	5					
5	256QAM	1	12	17.75	17.58	17.43							
5	256QAM	1	24	17.58	17.43	17.43							
5	256QAM	12	0	17.77	17.75	17.63							
5	256QAM	12	7	17.48	17.75	17.63	19	5					
5	256QAM	25	0	17.80	17.63	17.63							

Reduced Power Mode for DSI1 Standalone												
<WCDMA>		WCDMA II Ant 1			WCDMA IV Ant 1			WCDMA V Ant 1				
Band		WCDMA II			WCDMA IV			WCDMA V				
TX Channel		9362	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4162	4233
Frequency (MHz)		9668	9800	9988	(dBm)	1639	1688	1728	(dBm)	4357	4407	4468
		1852.4	1880	1907.6		1712.4	1732.6	1752.6		836.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	21.38	21.41	21.38	22.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34
3GPP Rel 99	BRAC 12.2Kbps	21.41	21.43	21.38	22.00	23.26	23.36	23.21	24.00	23.34	23.40	23.35
3GPP Rel 6	HSDPA Subtest-1	20.18	20.40	20.32	21.00	22.20	22.31	22.22	23.00	22.44	22.31	22.45
3GPP Rel 6	HSDPA Subtest-2	20.11	20.35	20.26	21.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24
3GPP Rel 6	HSDPA Subtest-3	19.57	19.90	19.74	20.50	21.87	21.82	21.83	22.50	21.62	21.53	21.63
3GPP Rel 6	HSDPA Subtest-4	19.75	19.69	19.87	20.50	21.69	21.79	21.85	22.50	21.88	22.01	21.72
3GPP Rel 8	DC-HSDPA Subtest-1	20.14	20.20	20.16	21.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29
3GPP Rel 8	DC-HSDPA Subtest-2	20.15	20.23	20.32	21.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25
3GPP Rel 8	DC-HSDPA Subtest-3	19.82	19.89	19.88	20.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86
3GPP Rel 8	DC-HSDPA Subtest-4	19.60	19.80	19.98	20.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82
3GPP Rel 6	HSUPA Subtest-1	20.00	20.45	20.43	21.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15
3GPP Rel 6	HSUPA Subtest-2	18.24	18.49	18.23	19.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24
3GPP Rel 6	HSUPA Subtest-3	19.37	19.34	19.32	20.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32
3GPP Rel 6	HSUPA Subtest-4	18.22	18.26	18.38	19.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44
3GPP Rel 6	HSUPA Subtest-5	20.22	20.28	20.23	21.00	22.42	22.36	22.37	23.00	22.38	22.37	22.36
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.74	17.75	17.72	18.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87

LTE Band 2 Ant1											
SV (MHz)	Modulation	RB Size	RB Offset	Power			Time-int (ms)	MFR (dB)			
				Low (MHz)	Mid (MHz)	High (MHz)					
Channel											
1800 1800 1800											
20	QPSK	1	0	2142	2143	2148					
20	QPSK	1	49	2152	2143	2157	22.5	0			
20	QPSK	1	98	2158	2157	2153					
20	QPSK	50	0	2141	2145	2138					
20	QPSK	50	24	2130	2125	2131	22.5	0			
20	QPSK	50	50	2132	2129	2133					
20	QPSK	100	0	2131	2140	2135					
20	16QAM	1	0	2109	2109	2107					
20	16QAM	1	49	2118	2118	2128	22.5	0			
20	16QAM	1	99	2111	2126	2118					
20	16QAM	50	0	2124	2124	2129					
20	16QAM	50	24	2117	2124	2117	22.5	0			
20	16QAM	50	50	2111	2120	2127					
20	16QAM	100	0	2109	2121	2120					
20	64QAM	1	0	2139	2126	2036					
20	64QAM	1	49	2103	2126	2120	22.5	0			
20	64QAM	1	99	2125	2123	2126					
20	64QAM	50	0	2042	2048	2042					
20	64QAM	50	24	2036	2035	2037	21.5	1			
20	64QAM	50	50	2040	2030	2048					
20	64QAM	100	0	2042	2044	2042					
20	256QAM	1	49	1851	1832	1834	19.5	3			
20	256QAM	1	99	1849	1832	1837					
20	256QAM	50	0	1843	1840	1834					
20	256QAM	50	24	1830	1835	1844	19.5	3			
20	256QAM	50	50	1834	1838	1834					
20	256QAM	100	0	1831	1836	1835					
Channel											
1800.5 1800 1800.5											
15	QPSK	1	0	2137	2142	2132					
15	QPSK	1	49	2141	2137	2141	22.5	0			
15	QPSK	1	74	2129	2138	2128					
15	QPSK	36	0	2134	2134	2124					
15	QPSK	36	25	2114	2136	2120	22.5	0			
15	QPSK	36	50	2121	2128	2121					
15	QPSK	75	0	2112	2135	2118					
15	16QAM	1	0	2100	2119	2103					
15	16QAM	1	49	2108	2118	2107	22.5	0			
15	16QAM	1	74	2093	2121	2099					
15	16QAM	36	0	2117	2113	2111					
15	16QAM	36	25	2104	2112	2099	22.5	0			
15	16QAM	36	50	2104	2104	2087					
15	16QAM	75	0	2101	2118	2114					
15	64QAM	1	0	2130	2124	2121					
15	64QAM	1	27	2098	2094	2111	22.5	0			
15	64QAM	1	74	2115	2114	2119					
15	64QAM	36	0	2035	2036	2036					
15	64QAM	36	25	2028	2036	2042	21.5	1			
15	64QAM	36	50	2034	2032	2032					
15	64QAM	75	0	2038	2032	2037					
15	256QAM	1	49	1846	1846	1838					
15	256QAM	1	97	1846	1845	1834	19.5	3			
15	256QAM	50	0	1832	1838	1835					
15	256QAM	50	24	1814	1838	1833	19.5	3			
15	256QAM	50	50	1835	1832	1848					
15	256QAM	75	0	1825	1830	1840					
Channel											
1800 1800 1800											
10	QPSK	1	0	2124	2141	2134					
10	QPSK	1	49	2127	2133	2128	22.5	0			
10	QPSK	25	0	2134	2132	2129					
10	QPSK	25	12	2125	2120	2118	22.5	0			
10	QPSK	25	24	2118	2128	2119					
10	QPSK	50	0	2121	2122	2125					
10	16QAM	1	0	2095	2117	2094					
10	16QAM	1	49	2099	2110	2105	22.5	0			
10	16QAM	1	49	2104	2110	2113					
10	16QAM	25	0	2107	2120	2118					
10	16QAM	25	12	2106	2112	2111	22.5	0			
10	16QAM	25	25	2093	2093	2118					
10	16QAM	50	0	2097	2115	2115					
10	16QAM	50	1	2108	2111	2105	22.5	0			
10	64QAM	1	25	2095	2101	2112					
10	64QAM	1	49	2118	2109	2113					
10	64QAM	25	0	2034	2034	2027					
10	64QAM	25	12	2028	2047	2045	21.5	1			
10	64QAM	25	25	2033	2033	2040					
10	64QAM	50	0	2036	2034	2026					
10	256QAM	1	49	1843	1840	1834					
10	256QAM	1	25	1847	1848	1834	19.5	3			
10	256QAM	1	49	1841	1833	1842					
10	256QAM	25	0	1847	1846	1845					
10	256QAM	25	12	1836	1849	1839	19.5	3			
10	256QAM	25	25	1835	1820	1836					
10	256QAM	50	0	1832	1831	1845					
Channel											
1800.5 1800 1800.5											
5	QPSK	1	0	2126	2141	2133					
5	QPSK	1	49	2121	2133	2117	22.5	0			
5	QPSK	1	24	2127	2132	2118					
5	QPSK	12	0	2135	2139	2129					
5	QPSK	12	6	2127	2118	2118	22.5	0			
5	QPSK	12	13	2121	2134	2118					
5	QPSK	25	0	2119	2128	2130					
5	16QAM	1	0	2096	2111	2102					
5	16QAM	1	42	2092	2108	2102	22.5	0			
5	16QAM	1	24	2091	2108	2108					
5	16QAM	12	0	2111	2117	2114					
5	16QAM	12	6	2105	2118	2112	22.5	0			
5	16QAM	12	13	2102	2088	2114					
5	16QAM	25	0	2090	2121	2112					
5	16QAM	25	6	2107	2091	2107	22.5	0			
5	64QAM	1	12	2096	2095	2111					
5	64QAM	1	24	2112	2107	2113					
5	64QAM	12	0	2096	2091	2091					
5	64QAM	12	6	2090	2095	2041	21.5	1			
5	64QAM	12	13	2020	2018	2038					
5	64QAM	25	0	2034	2037	2029					
5	256QAM	1	49	1834	1835	1835					
5	256QAM	1	12	1833	1833	1834	19.5	3			
5	256QAM	1	24	1833	1834	1847					
5	256QAM	12	0	1837	1834	1836					
5	256QAM	12	7	1821	1835	1831	19.5	3			
5	256QAM	12	13	1818	1819	1849					
5	256QAM	25	0	1812	1836	1845					
Channel											
1800.5 1800 1800.5											
14	QPSK	1	0	2130	2141	2130					
14	QPSK	1	4	2127	2138	2118	22.5	0			
14	QPSK	1	5	2121	2118	2122					
14	QPSK	3	0	2122	2126	2129	22.5	0			
14	QPSK	3	1	2128	2128	2121					
14	QPSK	3	3	2127	2131	2121					
14	QPSK	6	0	2118	2135	2130	22.5	0			
14	16QAM	1	0	2122	2122	2098					
14	16QAM	1	3	2093	2106	2123					
14	16QAM	1	5	2093	2114	2102	22.5	0			
14	16QAM	3	0	2106	2108	2114					
14	16QAM	3	1	2109	2113	2099					
14	16QAM	3	3	2105	2083	2110					
14	16QAM	6	0	2101	2122	2115	22.5	0			
14	16QAM	6	1	2111	2128	2108					
14	64QAM	1	3	2088	2034	2101					
14	64QAM	1	5	2110	2116	2110	22.5	0			
14	64QAM	1	1	2108	2113	2109					
14	64QAM	3	1	2113	2132	2125					
14	64QAM	3	3	2129	2115	2129					
14	64QAM	6	0	2016	2017	2015	21.5	1			
14	256QAM	1	5	1836	1832	1842					
14	256QAM	1	3	1836	1834	1848					
14	256QAM	3	1	1836	1836	1848	19.5	3			
14	256QAM	3	3	1818	1822	1840					
14	256QAM	3	1	1818	1822	1840	19.5	3			

LTE Band 12 Ant1												
BS (MHz)	Multicast	RB Size	RB Offset	Power Line Cb./I	Power Main Cb./I	Power Sig. Cb./I	Time-up rate (dBm)	MFR (dB)				
Channel 704 707.5												
Frequency (MHz)												
10	QPSK	1	0	24.05	24.10	24.01	25	0				
10	QPSK	1	25	23.84	24.05	23.86						
10	QPSK	1	49	23.84	23.92	23.83						
10	QPSK	25	0	23.12	23.18	23.14						
10	QPSK	25	12	22.97	23.01	23.02						
10	QPSK	25	25	23.05	23.08	23.05	24	1				
10	QPSK	50	0	22.96	23.13	23.03						
10	16QAM	1	0	23.14	23.31	23.11						
10	16QAM	1	25	23.21	23.27	23.23						
10	16QAM	1	49	23.13	23.21	23.43						
10	16QAM	25	0	21.94	22.03	22.05	23	2				
10	16QAM	25	12	22.20	22.19	22.17						
10	16QAM	25	25	22.14	21.99	22.12						
10	16QAM	50	0	22.06	22.15	21.94						
10	16QAM	1	0	22.27	22.24	22.38						
10	16QAM	1	25	22.19	22.06	22.15	23	2				
10	16QAM	1	49	22.25	22.30	22.23						
10	16QAM	25	0	21.18	21.46	21.48						
10	16QAM	25	12	21.87	21.91	21.90						
10	16QAM	25	25	20.93	21.14	20.98						
10	16QAM	50	0	20.97	21.18	21.14	22	3				
10	16QAM	1	0	21.41	21.45	21.44						
10	16QAM	1	25	19.13	19.11	19.04						
10	16QAM	1	49	19.23	19.14	19.30						
10	16QAM	25	0	19.17	19.09	19.12						
10	16QAM	25	12	19.07	19.01	19.06	20	5				
10	16QAM	25	25	18.96	19.26	18.99						
10	16QAM	50	0	18.94	19.22	19.08						
Channel 707.5 707.5 710.5												
Frequency (MHz)												
5	QPSK	1	0	23.98	23.94	23.87	25	0				
5	QPSK	1	13	23.12	23.13	23.13						
5	QPSK	1	24	23.78	23.79	23.72						
5	QPSK	12	0	22.95	23.10	22.96						
5	QPSK	12	7	22.77	22.81	22.86						
5	QPSK	12	13	22.85	22.90	22.79	24	1				
5	QPSK	25	0	22.77	22.08	22.88						
5	16QAM	1	0	23.02	23.15	23.07						
5	16QAM	1	12	22.26	22.27	22.27						
5	16QAM	1	24	22.97	23.15	23.36						
5	16QAM	12	0	21.79	21.96	21.92	23	2				
5	16QAM	12	7	21.87	21.91	21.91						
5	16QAM	12	13	21.97	21.86	21.97						
5	16QAM	25	0	21.87	22.10	21.89						
5	16QAM	1	0	22.11	22.10	22.31						
5	16QAM	1	12	22.12	22.00	22.02	23	2				
5	16QAM	1	24	22.15	22.23	22.16						
5	16QAM	12	0	21.05	20.88	20.94						
5	16QAM	12	7	21.00	20.96	21.01						
5	16QAM	12	13	20.95	20.96	20.90						
5	16QAM	25	0	20.93	21.08	20.85	22	3				
5	16QAM	1	0	20.84	20.92	20.95						
5	16QAM	1	12	19.94	19.93	19.90						
5	16QAM	1	24	19.14	19.03	19.10						
5	16QAM	12	0	19.03	19.02	19.07						
5	16QAM	12	7	19.00	19.06	19.08	20	5				
5	16QAM	12	13	18.87	19.17	18.85						
5	16QAM	25	0	18.74	19.16	18.90						
Channel 707.5 707.5 714.5												
Frequency (MHz)												
3	QPSK	1	0	23.99	23.90	23.85	25	0				
3	QPSK	1	8	23.85	23.94	23.79						
3	QPSK	1	14	23.77	23.72	23.75						
3	QPSK	8	0	23.02	23.04	22.95						
3	QPSK	8	4	22.82	22.89	22.91						
3	QPSK	8	7	22.88	22.98	22.79	24	1				
3	QPSK	16	0	22.82	22.94	22.75						
3	16QAM	1	0	23.05	23.23	23.02						
3	16QAM	1	8	23.23	23.22	23.04						
3	16QAM	1	14	23.09	23.11	23.30						
3	16QAM	8	0	21.83	21.90	21.91	23	2				
3	16QAM	8	4	22.03	21.90	21.87						
3	16QAM	8	7	22.09	21.94	21.96						
3	16QAM	15	0	21.99	21.99	21.84						
3	16QAM	1	0	22.23	22.16	22.19						
3	16QAM	1	8	22.13	21.90	22.09	23	2				
3	16QAM	1	14	22.10	22.16	22.10						
3	16QAM	8	0	21.03	20.94	20.89						
3	16QAM	8	4	20.88	20.93	20.95						
3	16QAM	8	7	20.74	21.07	20.83						
3	16QAM	15	0	20.85	21.13	21.02	22	3				
3	16QAM	1	0	19.84	19.86	19.81						
3	16QAM	1	8	19.94	19.05	19.00						
3	16QAM	1	14	19.03	19.03	19.13						
3	16QAM	8	0	18.85	18.96	18.91						
3	16QAM	8	4	18.85	18.96	18.91	20	5				
3	16QAM	8	7	18.85	19.20	18.84						
3	16QAM	15	0	18.77	19.07	18.87						
Channel 707.5 707.5 715.5												
Frequency (MHz)												
1.4	QPSK	1	0	24.00	24.06	23.94	25	0				
1.4	QPSK	1	3	23.86	23.97	23.73						
1.4	QPSK	1	5	23.71	23.81	23.67						
1.4	QPSK	3	0	23.87	23.97	23.83						
1.4	QPSK	3	1	23.70	23.89	23.82						
1.4	QPSK	3	3	23.76	23.83	23.75	24	1				
1.4	QPSK	6	0	22.91	22.97	22.86						
1.4	16QAM	1	0	22.84	22.78	22.78						
1.4	16QAM	1	5	22.93	22.87	22.83						
1.4	16QAM	1	8	22.75	22.83	22.59						
1.4	16QAM	3	0	22.98	23.18	22.91	24	1				
1.4	16QAM	3	1	23.18	23.19	22.94						
1.4	16QAM	3	3	22.97	22.94	23.17						
1.4	16QAM	6	0	21.76	21.84	21.73						
1.4	16QAM	1	0	21.19	21.73	21.59						
1.4	16QAM	1	3	22.02	21.83	21.86	23	2				
1.4	16QAM	1	5	21.82	21.91	21.79						
1.4	16QAM	3	0	22.13	22.10	22.08						
1.4	16QAM	3	1	22.02	21.80	21.98						
1.4	16QAM	3	3	21.94	22.12	21.98						
1.4	16QAM	6	0	20.87	20.77	20.72	22	3				
1.4	16QAM	1	0	19.90	19.94	19.90						
1.4	16QAM	1	3	19.06	19.05	18.97						
1.4	16QAM	1	5	18.19	18.00	18.14						
1.4	16QAM	1	8	18.03	18.06	18.03						
1.4	16QAM	3	1	18.88	18.97	18.90	20	5				
1.4	16QAM	3	3	18.92	19.07	18.83						
1.4	16QAM	6	0	18.76	18.99	18.90						

LTE Band 13 Ant1									
BS (MHz)	Multicast	RB Size	RB Offset	Power Line Cb./I	Power Main Cb./I	Power Power Cb./I	Time-up rate (dBm)	MFR (dB)	
Channel 712									
Frequency (MHz)									
10	QPSK	1	0	24.11	23.11		25	0	
10	QPSK	1	25	24.02					
10	QPSK	1	49	23.79					
10	QPSK	25	0	23.15					
10	QPSK	25	12	22.99					
10	QPSK	25	25	22.99			24	1	
10	QPSK	50	0	23.06					
10	QPSK	1	25	24.11	23.11		24	1	
10	QPSK	1	49	23.79					
10	QPSK	25	0	23.15					
10	QPSK	25	12	22.99					
10	QPSK	25	25	22.99					
10	QPSK	50	0	23.06			23	2	
10	QPSK	1	0	24.24					
10	QPSK	1	25	24.19			23	2	
10	QPSK	1	49	23.79					
10	QPSK	25	0	23.15					
10	QPSK	25	12	22.99					
10	QPSK	25	25	22.99					
10	QPSK	50	0	23.06			22	3	
10	QPSK	1	0	24.24					
10	QPSK	1	25	24.19			21	5	
10	QPSK	1	49	23.79					
10	QPSK	25	0	23.15					
10	QPSK	25	12	22.99					
10	QPSK	25	25	22.99					
10	QPSK	50	0	23.06			20	5	
10	QPSK	1	0	24.30					
Channel 713									
Frequency (MHz)									
5	QPSK	1	12	24.16	23.16	23.16	25	0	
5	QPSK	1	24	23.67	22.87	22.85			
5	QPSK	1	36	23.67	22.85	22.85			
5	QPSK	12	7	22.88	22.87	22.85			
5	QPSK	12	13	22.83	22.87	22.83			
5	QPSK	25	0	22.87	22.87	22.83	24	1	
5	QPSK	1	0	23.03	23.01	22.97			
5	QPSK	1	12	23.07	23.05	23.01	24	1	
5	QPSK	1	24	22.94	22.97	22.88			
5	QPSK	1	36	22.94	22.97	22.88			
5	QPSK	12	7	21.51	21.54	21.53			
5	QPSK	12	13	21.52	21.56	21.53			
5	QPSK	25	0	22.02	22.06	22.09	23	2	
5	QPSK	25	12	22.01	22.01	22.01			
5	QPSK	1	0	22.05	22.10	22.05	22	2	
5	QPSK	1	12	22.02	22.08	22.04			
5	QPSK	1	24	21.99	21.99	22.04			
5	QPSK	12	7	21.04	21.04	21.05			
5	QPSK	12	13	21.05	21.10	21.05			
5	QPSK	25	0	20.51	20.56	21.11	21	3	
5	QPSK	25	12	20.52	20.56	21.11			
5	QPSK	1	0	18.91	18.91	18.93	20	5	
5	QPSK	1	12	18.71	18.87	18.73			
5	QPSK	1	24	18.10	18.33	18.93			
5	QPSK	12	0	18.98	19.00	18.97			
5	QPSK	12	7	19.08	19.12	19.00			
5	QPSK	12	13	18.98	18.92	18.88	20	5	
5	QPSK	25	0	19.04	19.03	18.93			

LTE Band 26 Ant1										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1	Power Main Ch. 1	Power High Ch. 1	Time- int. (ms)	MPH (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.83	23.95	23.82	25	0		
15	QPSK	1	24	23.75	23.81	23.67	25	0		
15	QPSK	1	74	23.68	23.80	23.67	25	0		
15	QPSK	36	20	22.84	22.95	22.95	24	1		
15	QPSK	36	36	22.74	22.95	22.79	24	1		
15	QPSK	75	0	22.75	22.92	22.88	24	1		
15	16QAM	1	0	22.72	22.99	23.08	24	1		
15	16QAM	1	24	22.68	22.87	22.92	24	1		
15	16QAM	1	74	23.17	23.03	22.91	24	1		
15	16QAM	36	20	21.93	21.89	21.73	23	2		
15	16QAM	36	24	21.92	21.86	21.72	23	2		
15	16QAM	36	36	21.71	21.91	22.04	23	2		
15	16QAM	75	0	21.73	21.74	21.64	23	2		
15	16QAM	1	0	22.27	22.22	22.24	23	2		
15	16QAM	1	24	22.11	22.18	22.20	23	2		
15	16QAM	1	74	22.15	22.06	22.21	23	2		
15	16QAM	36	0	20.84	20.91	20.87	22	3		
15	16QAM	36	20	21.07	21.01	20.80	22	3		
15	16QAM	36	24	20.98	20.92	21.03	22	3		
15	256QAM	1	0	18.97	18.70	18.72	20	5		
15	256QAM	1	24	18.94	18.98	18.77	20	5		
15	256QAM	36	0	18.83	18.83	18.85	20	5		
15	256QAM	36	24	18.46	18.79	18.50	20	5		
15	256QAM	36	36	18.86	18.34	18.82	20	5		
15	256QAM	75	0	18.49	18.79	18.75	20	5		
15	256QAM	75	0	18.48	18.79	18.69	20	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.88	23.86	23.85	25	0		
10	QPSK	1	24	23.87	23.86	23.81	25	0		
10	QPSK	1	48	23.57	23.84	23.73	25	0		
10	QPSK	25	12	22.84	22.84	22.85	24	1		
10	QPSK	25	36	22.71	22.85	22.83	24	1		
10	QPSK	50	0	22.64	22.90	22.83	24	1		
10	16QAM	1	0	22.63	22.92	22.99	24	1		
10	16QAM	1	24	22.62	22.78	22.83	24	1		
10	16QAM	1	48	23.10	22.85	22.82	24	1		
10	16QAM	25	0	21.84	21.77	21.83	23	2		
10	16QAM	25	12	21.75	21.84	21.74	23	2		
10	16QAM	25	25	21.62	21.78	21.97	23	2		
10	16QAM	50	0	21.57	21.62	21.85	23	2		
10	16QAM	1	0	22.76	22.70	22.67	23	2		
10	16QAM	1	25	21.97	22.10	22.12	23	2		
10	16QAM	1	48	21.96	22.03	22.11	23	2		
10	16QAM	25	0	20.71	20.81	20.71	22	3		
10	16QAM	25	12	20.68	20.75	20.66	22	3		
10	16QAM	25	25	20.31	20.52	20.30	22	3		
10	16QAM	50	0	20.88	20.78	20.85	20	5		
10	256QAM	1	37	18.94	18.94	18.94	20	5		
10	256QAM	1	25	18.85	18.94	18.95	20	5		
10	256QAM	1	48	18.86	18.90	18.90	20	5		
10	256QAM	25	12	18.35	18.76	18.57	20	5		
10	256QAM	25	0	18.35	18.88	18.30	20	5		
10	256QAM	25	25	18.55	18.37	18.45	20	5		
10	256QAM	50	0	18.37	18.71	18.61	20	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.72	23.87	23.84	25	0		
5	QPSK	1	24	23.66	23.86	23.81	25	0		
5	QPSK	1	34	23.51	23.70	23.77	25	0		
5	QPSK	12	0	22.75	22.86	22.88	24	1		
5	QPSK	12	13	22.76	22.88	22.80	24	1		
5	QPSK	25	0	22.61	22.86	22.74	24	1		
5	16QAM	1	0	22.63	22.81	23.00	24	1		
5	16QAM	1	12	22.61	22.78	22.84	24	1		
5	16QAM	1	24	23.12	22.90	22.76	24	1		
5	16QAM	12	0	21.76	21.70	21.67	23	2		
5	16QAM	12	13	21.74	21.76	21.65	23	2		
5	16QAM	12	13	21.72	21.87	21.90	23	2		
5	16QAM	25	0	21.60	21.65	21.65	23	2		
5	16QAM	1	0	22.04	22.06	22.05	23	2		
5	16QAM	1	24	22.09	22.04	22.01	23	2		
5	16QAM	12	0	20.77	20.76	20.87	22	3		
5	16QAM	12	0	21.01	20.90	20.98	22	3		
5	16QAM	12	13	20.86	20.82	20.79	22	3		
5	16QAM	25	0	19.87	19.87	19.92	20	5		
5	256QAM	1	12	18.79	18.85	18.71	20	5		
5	256QAM	1	24	18.88	18.88	18.90	20	5		
5	256QAM	12	0	18.47	18.47	18.41	20	5		
5	256QAM	12	7	18.34	18.71	18.41	20	5		
5	256QAM	12	13	18.42	18.37	18.48	20	5		
5	256QAM	25	0	18.43	18.74	18.55	20	5		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.73	23.83	23.69	25	0		
3	QPSK	1	14	23.68	23.84	23.79	25	0		
3	QPSK	1	14	23.63	23.84	23.79	25	0		
3	QPSK	8	0	22.86	22.95	22.81	24	1		
3	QPSK	8	7	22.87	22.81	22.77	24	1		
3	QPSK	8	7	22.77	22.85	22.75	24	1		
3	QPSK	16	0	22.69	22.96	22.83	24	1		
3	16QAM	1	0	22.68	22.91	22.97	24	1		
3	16QAM	1	8	22.63	22.71	22.81	24	1		
3	16QAM	1	14	23.08	22.96	22.74	24	1		
3	16QAM	8	0	21.87	21.83	21.85	23	2		
3	16QAM	8	7	21.74	21.74	21.64	23	2		
3	16QAM	8	7	21.80	21.78	21.97	23	2		
3	16QAM	15	0	21.62	21.65	21.62	23	2		
3	16QAM	1	0	22.19	22.13	22.19	23	2		
3	16QAM	1	8	22.04	22.10	22.15	23	2		
3	16QAM	1	14	22.04	21.96	22.09	23	2		
3	16QAM	8	0	20.71	20.75	20.72	22	3		
3	16QAM	8	7	20.63	20.68	20.65	22	3		
3	16QAM	8	7	20.93	20.88	20.75	22	3		
3	16QAM	15	0	20.87	20.82	20.84	20	5		
3	256QAM	1	18	18.99	18.91	18.96	20	5		
3	256QAM	1	8	18.87	18.94	18.90	20	5		
3	256QAM	1	14	18.87	18.81	18.99	20	5		
3	256QAM	8	0	18.46	18.47	18.40	20	5		
3	256QAM	8	7	18.40	18.85	18.31	20	5		
3	256QAM	8	7	18.53	18.40	18.54	20	5		
3	256QAM	15	0	18.31	18.72	18.55	20	5		
Channel										
Frequency (MHz)										
14	QPSK	1	0	23.74	23.85	23.83	25	0		
14	QPSK	1	14	23.64	23.87	23.85	25	0		
14	QPSK	1	5	23.84	23.80	23.79	25	0		
14	QPSK	3	0	23.69	23.79	23.73	24	1		
14	QPSK	3	1	23.66	23.80	23.69	24	1		
14	QPSK	3	3	23.56	23.84	23.76	24	1		
14	QPSK	6	0	22.52	22.89	22.85	24	1		
14	QPSK	6	1	22.50	22.89	22.85	24	1		
14	16QAM	1	3	22.48	22.88	22.89	24	1		
14	16QAM	1	5	22.49	22.88	22.85	24	1		
14	16QAM	3	1	22.87	22.80	22.78	23	2		
14	16QAM	3	1	22.86	22.84	22.82	23	2		
14	16QAM	1	0	21.69	21.70	21.48	23	2		
14	16QAM	1	3	21.93	21.59	21.89	23	2		
14	16QAM	1	5	21.84	21.88	21.73	23	2		
14	16QAM	3	1	21.97	21.80	21.89	23	2		
14	16QAM	3	1	21.90	21.84	22.07	23	2		
14	16QAM	3	1	21.82	21.80	21.95	23	2		
14	16QAM	3	1	21.92	21.90	21.95	23	2		
14	256QAM	1	3	18.80	18.11	18.11	20	5		
14	256QAM	1	5	18.80	18.11	18.11	20	5		
14	256QAM	3	1	18.80	18.11	18.11	20	5		
14	256QAM	3	1	18.38	18.62	18.53	20	5		
14	256QAM	3	1	18.40	18.62	18.53	20	5		
14	256QAM	3	1	18.40	18.62	18.53	20	5		

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	21.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71	21.5	2	
20	64QAM	1	49	20.58	20.61	20.82			
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55	20.5	3	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	5	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	5	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	20.5	3	
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58			
15	64QAM	1	37	20.42	20.53	20.66	21.5	2	
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42			
15	64QAM	36	20	19.41	19.61	19.40	20.5	3	
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40			
15	256QAM	1	0	17.45	17.51	17.72	18.5	5	
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63			
15	256QAM	36	0	17.49	17.34	17.39	18.5	5	
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48	20.5	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.92	22.13	22.05			
10	QPSK	1	25	21.95	22.01	21.85	23.5	0	
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32			
10	QPSK	25	12	21.23	21.29	21.13	22.5	1	
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16			
10	16QAM	1	0	21.41	21.57	21.45	22.5	1	
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56			
10	16QAM	25	0	20.49	20.34	20.28	21.5	2	
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55			
10	16QAM	50	0	20.45	20.46	20.28	21.5	2	
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70			
10	64QAM	1	49	20.34	20.37	20.80	20.5	3	
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41			
10	64QAM	25	25	19.53	19.36	19.61	18.5	5	
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57			
10	256QAM	1	25	17.66	17.47	17.56	18.5	5	
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40			
10	256QAM	25	12	17.36	17.29	17.33	18.5	5	
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	21.5	2	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	20.5	3	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)				
Channel				37500	38000	38150						
Frequency (MHz)				2580	2595	2610						
20	QPSK	1	0	22.99	23.15	23.12	24	0				
20	QPSK	1	49	22.97	23.09	22.88						
20	QPSK	1	99	22.97	23.06	22.89						
20	QPSK	50	0	22.25	22.29	22.09						
20	QPSK	50	24	21.97	22.22	22.08	23	1				
20	QPSK	50	50	22.18	22.24	22.13						
20	QPSK	100	0	22.10	22.27	21.98						
20	16QAM	1	0	21.98	22.04	22.12						
20	16QAM	1	49	22.07	21.97	21.89	23	1				
20	16QAM	1	99	22.09	22.02	22.00						
20	16QAM	50	0	21.36	21.26	21.33						
20	16QAM	50	24	21.14	21.16	21.35						
20	16QAM	50	50	21.40	21.19	21.26	22	2				
20	16QAM	100	0	21.11	21.28	21.31						
20	64QAM	1	0	21.24	21.21	21.37						
20	64QAM	1	49	21.36	21.08	21.22						
20	64QAM	1	99	21.37	21.03	21.06	22	2				
20	64QAM	50	0	20.16	20.26	20.40						
20	64QAM	50	24	20.17	20.23	20.30						
20	64QAM	50	50	20.32	20.19	20.40						
20	64QAM	100	0	20.12	20.31	20.28	21	3				
20	256QAM	1	0	18.22	18.13	18.08						
20	256QAM	1	49	18.10	17.96	18.28						
20	256QAM	1	99	18.11	18.20	18.22						
20	256QAM	50	0	18.05	18.19	18.32	19	5				
20	256QAM	50	24	18.21	18.20	18.22						
20	256QAM	50	50	18.04	18.15	18.05						
20	256QAM	100	0	18.20	18.19	18.21						
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2577.5	2585	2612.5						
15	QPSK	1	0	22.85	22.95	22.97	24	0				
15	QPSK	1	37	22.92	22.90	22.82						
15	QPSK	1	74	22.89	22.92	22.70						
15	QPSK	36	0	22.20	22.17	21.93						
15	QPSK	36	20	21.79	22.15	21.99	23	1				
15	QPSK	36	39	22.00	22.16	22.04						
15	QPSK	75	0	21.96	22.11	21.83						
15	16QAM	1	0	21.81	21.87	22.01						
15	16QAM	1	37	21.91	21.92	21.76	23	1				
15	16QAM	1	74	21.97	21.89	21.82						
15	16QAM	36	0	21.31	21.12	21.19						
15	16QAM	36	20	20.96	21.10	21.28						
15	16QAM	36	39	21.36	21.01	21.18	22	2				
15	16QAM	75	0	20.95	21.13	21.22						
15	64QAM	1	0	21.11	21.05	21.24						
15	64QAM	1	37	21.28	20.96	21.05						
15	64QAM	1	74	21.23	20.94	20.87	22	2				
15	64QAM	36	0	20.02	20.19	20.23						
15	64QAM	36	20	20.09	20.18	20.24						
15	64QAM	36	39	20.25	20.13	20.31						
15	64QAM	75	0	19.97	20.20	20.10	21	3				
15	256QAM	1	0	18.09	18.06	17.96						
15	256QAM	1	37	18.04	17.77	18.17						
15	256QAM	1	74	17.92	18.11	18.18						
15	256QAM	36	0	17.94	18.11	18.22	19	5				
15	256QAM	36	20	18.13	18.04	18.13						
15	256QAM	36	39	17.91	18.05	17.93						
15	256QAM	75	0	18.07	18.12	18.14						
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2575	2595	2615						
10	QPSK	1	0	22.84	23.10	23.03	24	0				
10	QPSK	1	25	22.85	23.00	22.70						
10	QPSK	1	49	22.81	22.99	22.74						
10	QPSK	25	0	22.14	22.14	21.97						
10	QPSK	25	12	21.92	22.03	21.92	23	1				
10	QPSK	25	25	22.08	22.14	22.02						
10	QPSK	50	0	21.96	22.22	21.84						
10	16QAM	1	0	21.86	21.96	21.94						
10	16QAM	1	25	22.00	21.88	21.70	23	1				
10	16QAM	1	49	21.89	21.94	21.86						
10	16QAM	25	0	21.25	21.19	21.24						
10	16QAM	25	12	21.08	20.97	21.21						
10	16QAM	25	25	21.35	21.07	21.14	22	2				
10	16QAM	50	0	21.05	21.20	21.26						
10	64QAM	1	0	21.04	21.06	21.31						
10	64QAM	1	25	21.29	20.90	21.10						
10	64QAM	1	49	21.19	20.90	20.91	22	2				
10	64QAM	25	0	20.06	20.18	20.23						
10	64QAM	25	12	20.05	20.18	20.11						
10	64QAM	25	25	20.15	20.11	20.20						
10	64QAM	50	0	19.92	20.12	20.19	21	3				
10	256QAM	1	0	18.14	18.02	17.92						
10	256QAM	1	25	18.06	17.83	18.14						
10	256QAM	1	49	18.02	18.08	18.06						
10	256QAM	25	0	17.85	18.10	18.13	19	5				
10	256QAM	25	12	18.17	18.14	18.11						
10	256QAM	25	25	18.00	18.02	17.90						
10	256QAM	50	0	18.13	18.05	18.15						
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5						
5	QPSK	1	0	22.85	23.09	23.05	24	0				
5	QPSK	1	12	22.90	23.01	22.75						
5	QPSK	1	24	22.90	22.87	22.80						
5	QPSK	12	0	22.11	22.23	22.02						
5	QPSK	12	7	21.89	22.09	21.90	23	1				
5	QPSK	12	13	22.08	22.12	21.94						
5	QPSK	25	0	21.90	22.11	21.86						
5	16QAM	1	0	21.90	21.89	21.94						
5	16QAM	1	12	21.94	21.83	21.71	23	1				
5	16QAM	1	24	21.93	21.86	21.80						
5	16QAM	12	0	21.19	21.09	21.22						
5	16QAM	12	7	21.09	21.04	21.15						
5	16QAM	12	13	21.32	21.07	21.22	22	2				
5	16QAM	25	0	21.01	21.20	21.24						
5	64QAM	1	0	21.07	21.05	21.25						
5	64QAM	1	12	21.22	20.88	21.17						
5	64QAM	1	24	21.27	20.93	20.91	22	2				
5	64QAM	12	0	20.01	20.16	20.31						
5	64QAM	12	7	20.30	20.17	20.12						
5	64QAM	12	13	20.13	19.99	20.36						
5	64QAM	25	0	20.07	20.14	20.12	21	5				
5	256QAM	1	0	18.15	17.95	18.01						
5	256QAM	1	12	17.92	17.81	18.22						
5	256QAM	1	24	18.02	18.04	18.05						
5	256QAM	12	0	17.89	18.05	18.28	19	5				
5	256QAM	12	7	18.11	18.14	18.12						
5	256QAM	12	13	17.99	18.05	17.88						
5	256QAM	25	0	18.08	18.10	18.12						

LTE Band 42 FCC (3.5GHz Band) (3550-3600MHz) Part 96									
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq (MHz)	Channel Ch. Freq (MHz)	High Ch. Freq (MHz)	Time-up limit (min)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.60	22.70	22.99			
20	QPSK	1	49	22.47	22.58	22.83	24	0	
20	QPSK	1	99	22.64	22.60	22.58			
20	QPSK	50	0	21.68	21.65	21.62			
20	QPSK	50	24	21.73	21.85	21.96	23	1	
20	QPSK	50	50	21.67	21.76	21.54			
20	QPSK	100	0	21.61	21.72	21.68			
20	16QAM	1	0	21.30	21.61	21.83			
20	16QAM	1	49	21.63	21.57	21.71	23	1	
20	16QAM	1	99	21.66	21.58	21.62			
20	16QAM	50	0	20.73	20.96	20.87			
20	16QAM	50	24	20.52	20.77	20.70	22	2	
20	16QAM	50	50	20.60	20.50	20.72			
20	16QAM	100	0	20.63	20.56	20.56			
20	64QAM	1	0	20.70	20.73	20.79			
20	64QAM	1	49	20.86	20.83	20.86	22	2	
20	64QAM	1	99	20.83	20.89	20.89			
20	64QAM	50	0	19.78	19.68	19.55			
20	64QAM	50	24	19.86	19.62	19.73	21	3	
20	64QAM	50	50	19.74	19.72	19.59			
20	64QAM	100	0	19.61	19.72	19.62			
20	256QAM	1	0	17.73	17.68	17.77			
20	256QAM	1	49	17.81	17.82	17.48	19	5	
20	256QAM	1	99	17.64	17.57	17.55			
20	256QAM	50	0	17.82	17.75	17.78			
20	256QAM	50	24	17.62	17.79	17.59	19	5	
20	256QAM	50	50	17.61	17.61	17.70			
20	256QAM	100	0	17.84	17.75	17.69			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.55	22.62	22.47			
15	QPSK	1	37	22.41	22.49	22.49	24	0	
15	QPSK	1	74	22.55	22.51	22.83			
15	QPSK	36	0	21.61	21.71	21.58			
15	QPSK	36	20	21.67	21.74	21.83	23	1	
15	QPSK	36	39	21.76	21.74	21.41			
15	QPSK	75	0	21.55	21.61	21.56			
15	16QAM	1	0	21.21	21.54	21.58			
15	16QAM	1	37	21.59	21.50	21.88	23	1	
15	16QAM	1	74	21.61	21.50	21.63			
15	16QAM	36	0	20.59	20.54	20.55			
15	16QAM	36	20	20.46	20.66	20.62	22	2	
15	16QAM	36	39	20.76	20.47	20.66			
15	16QAM	75	0	20.50	20.51	20.54			
15	64QAM	1	0	20.57	20.67	20.70			
15	64QAM	1	37	20.73	20.76	20.59	22	2	
15	64QAM	1	74	20.58	20.72	20.83			
15	64QAM	36	0	19.76	19.61	19.45			
15	64QAM	36	20	19.76	19.57	19.67	21	3	
15	64QAM	36	39	19.61	19.63	19.49			
15	64QAM	75	0	19.55	19.59	19.50			
15	256QAM	1	0	17.67	17.61	17.67			
15	256QAM	1	37	17.66	17.67	17.38	19	5	
15	256QAM	1	74	17.52	17.48	17.53			
15	256QAM	36	0	17.72	17.63	17.75			
15	256QAM	36	20	17.49	17.70	17.54	19	5	
15	256QAM	36	39	17.48	17.51	17.65			
15	256QAM	75	0	17.75	17.72	17.80			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.55	22.65	22.51			
10	QPSK	1	25	22.37	22.50	22.51	24	0	
10	QPSK	1	49	22.56	22.56	22.54			
10	QPSK	25	0	21.55	21.73	21.59			
10	QPSK	25	12	21.61	21.73	21.43	23	1	
10	QPSK	25	25	21.77	21.70	21.47			
10	QPSK	50	0	21.62	21.63	21.62			
10	16QAM	1	0	21.24	21.48	21.56			
10	16QAM	1	25	21.59	21.50	21.59	23	1	
10	16QAM	1	49	21.58	21.52	21.53			
10	16QAM	25	0	20.68	20.57	20.60			
10	16QAM	25	12	20.47	20.63	20.62	22	2	
10	16QAM	25	25	20.77	20.38	20.62			
10	16QAM	50	0	20.55	20.50	20.47			
10	64QAM	1	0	20.61	20.63	20.72			
10	64QAM	1	25	20.79	20.70	20.53	22	2	
10	64QAM	1	49	20.56	20.62	20.76			
10	64QAM	25	0	19.66	19.53	19.43			
10	64QAM	25	12	19.84	19.58	19.70	21	3	
10	64QAM	25	25	19.70	19.60	19.48			
10	64QAM	50	0	19.58	19.68	19.48			
10	256QAM	1	0	17.68	17.62	17.85			
10	256QAM	1	25	17.73	17.67	17.44	19	5	
10	256QAM	1	49	17.60	17.48	17.51			
10	256QAM	25	0	17.73	17.68	17.73			
10	256QAM	25	12	17.48	17.68	17.48	19	5	
10	256QAM	25	25	17.50	17.57	17.58			
10	256QAM	50	0	17.73	17.65	17.61			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.48	22.61	22.46			
5	QPSK	1	12	22.44	22.50	22.45	24	0	
5	QPSK	1	24	22.55	22.50	22.46			
5	QPSK	12	0	21.58	21.72	21.57			
5	QPSK	12	7	21.67	21.70	21.43	23	1	
5	QPSK	12	13	21.77	21.70	21.40			
5	QPSK	25	0	21.54	21.49	21.55			
5	16QAM	1	0	21.27	21.48	21.45			
5	16QAM	1	12	21.56	21.51	21.58	23	1	
5	16QAM	1	24	21.56	21.51	21.61			
5	16QAM	12	0	20.68	20.53	20.54			
5	16QAM	12	7	20.49	20.75	20.64	22	2	
5	16QAM	12	13	20.78	20.46	20.58			
5	16QAM	25	0	20.56	20.48	20.50			
5	64QAM	1	0	20.66	20.66	20.87			
5	64QAM	1	12	20.81	20.73	20.64	22	2	
5	64QAM	1	24	20.55	20.77	20.76			
5	64QAM	12	0	19.68	19.58	19.47			
5	64QAM	12	7	19.77	19.51	19.64	21	3	
5	64QAM	12	13	19.65	19.61	19.49			
5	64QAM	25	0	19.54	19.68	19.57			
5	256QAM	1	0	17.59	17.61	17.72			
5	256QAM	1	12	17.75	17.58	17.43	19	5	
5	256QAM	1	24	17.58	17.43	17.43			
5	256QAM	12	0	17.66	17.64	17.74			
5	256QAM	12	7	17.57	17.75	17.53	19	5	
5	256QAM	12	13	17.67	17.57	17.63			
5	256QAM	25	0	17.80	17.63	17.63			

LTE Band 42 Ant6 FCC (3.5GHz Band) (3450-3550MHz) Part 27Q									
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq (MHz)	Channel Ch. Freq (MHz)	High Ch. Freq (MHz)	Turnup limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.98	22.95	22.79			
20	QPSK	1	49	22.87	22.81	22.90	24	0	
20	QPSK	1	99	22.94	22.68	22.95			
20	QPSK	50	0	21.97	21.94	21.64			
20	QPSK	50	24	21.80	21.78	21.54	23	1	
20	QPSK	50	50	21.81	21.81	21.78			
20	QPSK	100	0	21.93	21.78	21.85			
20	16QAM	1	0	21.79	21.73	21.86			
20	16QAM	1	49	21.70	21.70	21.84	23	1	
20	16QAM	1	99	21.94	21.96	21.97			
20	16QAM	50	0	20.75	20.52	20.84			
20	16QAM	50	24	20.85	20.75	20.89	22	2	
20	16QAM	50	50	20.66	20.67	20.71			
20	16QAM	100	0	20.85	20.72	20.84			
20	64QAM	1	0	20.85	20.70	20.91			
20	64QAM	1	49	20.84	20.78	20.90	22	2	
20	64QAM	1	99	21.00	20.82	20.71			
20	64QAM	50	0	19.80	19.76	19.89			
20	64QAM	50	24	19.82	19.83	19.91	21	3	
20	64QAM	50	50	19.80	19.65	19.83			
20	64QAM	100	0	19.85	19.92	19.70			
20	256QAM	1	0	17.90	17.97	17.84			
20	256QAM	1	49	17.97	17.91	18.07	19	5	
20	256QAM	1	99	17.87	17.87	17.84			
20	256QAM	50	0	17.86	17.70	17.82			
20	256QAM	50	24	17.83	17.92	17.74	19	5	
20	256QAM	50	50	17.73	17.79	17.91			
20	256QAM	100	0	17.96	18.03	18.00			
Channel									
Frequency (MHz)				42165	42590	43015	Turnup limit (dBm)	MPR (dB)	
15	QPSK	1	0	34.57	35.00	34.225			
15	QPSK	1	37	34.72	34.23	34.77	24	0	
15	QPSK	1	74	22.83	22.52	22.83			
15	QPSK	36	0	21.74	21.79	21.65			
15	QPSK	36	20	21.63	21.70	21.42	23	1	
15	QPSK	36	39	21.74	21.76	21.73			
15	QPSK	75	0	21.66	21.66	21.58			
15	16QAM	1	0	21.67	21.67	21.71			
15	16QAM	1	37	21.61	21.54	21.80	23	1	
15	16QAM	1	74	21.84	21.74	21.87			
15	16QAM	36	0	20.71	20.74	20.74			
15	16QAM	36	20	20.66	20.68	20.73	22	2	
15	16QAM	36	39	20.61	20.63	20.67			
15	16QAM	75	0	20.75	20.53	20.85			
15	16QAM	1	0	20.72	20.54	20.85			
15	64QAM	1	37	20.73	20.73	20.82	22	2	
15	64QAM	1	74	20.87	20.72	20.93			
15	64QAM	36	0	19.66	19.66	19.81	21	3	
15	64QAM	36	20	19.48	19.72	19.73			
15	64QAM	36	39	19.63	19.63	19.68			
15	64QAM	75	0	19.80	19.86	19.59			
15	256QAM	1	0	17.85	17.85	17.70			
15	256QAM	1	37	17.87	17.81	17.89	19	5	
15	256QAM	1	74	17.70	17.77	17.80			
15	256QAM	36	0	17.73	17.66	17.87			
15	256QAM	36	20	17.66	17.78	17.85	19	5	
15	256QAM	36	39	17.78	17.73	17.88			
15	256QAM	75	0	17.91	17.93	17.85			
Channel									
Frequency (MHz)				42140	42590	43040	Turnup limit (dBm)	MPR (dB)	
10	QPSK	1	0	34.55	35.00	34.545			
10	QPSK	1	0	22.85	22.86	22.72	24	0	
10	QPSK	1	49	22.75	22.68	22.73			
10	QPSK	1	49	22.80	22.60	22.63			
10	QPSK	25	0	21.68	21.69	21.65	23	1	
10	QPSK	25	12	21.73	21.68	21.56			
10	QPSK	25	25	21.67	21.71	21.60			
10	QPSK	50	0	21.67	21.72	21.69	23	1	
10	QPSK	50	12	21.67	21.56	21.74			
10	16QAM	25	0	21.58	21.64	21.64	23	1	
10	16QAM	25	0	20.69	20.67	20.87			
10	16QAM	25	12	20.75	20.64	20.83	22	2	
10	16QAM	25	25	20.60	20.55	20.57			
10	16QAM	50	0	20.70	20.64	20.78			
10	16QAM	1	25	20.73	20.69	20.81	22	2	
10	64QAM	1	49	20.80	20.64	20.52			
10	64QAM	25	0	19.63	19.63	19.78	21	3	
10	64QAM	25	12	19.50	19.77	19.75			
10	64QAM	25	25	19.65	19.65	19.62			
10	64QAM	50	0	19.72	19.82	19.51			
10	256QAM	1	0	17.70	17.78	17.66			
10	256QAM	1	25	17.79	17.82	17.95	19	5	
10	256QAM	1	49	17.81	17.67	17.75			
10	256QAM	25	0	17.70	17.63	17.72			
10	256QAM	25	12	17.67	17.67	17.62	24	0	
10	256QAM	25	25	17.58	17.70	17.62			
10	256QAM	50	0	17.56	17.70	17.62			
10	256QAM	50	12	17.61	17.52	17.67			
10	256QAM	50	25	17.71	17.90	17.83			
Channel									
Frequency (MHz)				42115	42590	43065	Turnup limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.90	22.91	22.75			
5	QPSK	1	12	22.81	22.66	22.72	24	0	
5	QPSK	1	12	22.87	22.54	22.65			
5	QPSK	12	0	21.78	21.79	21.52			
5	QPSK	12	7	21.63	21.70	21.43	23	1	
5	QPSK	12	13	21.68	21.71	21.63			
5	QPSK	25	0	21.74	21.65	21.47			
5	16QAM	1	0	21.59	21.68	21.70	23	1	
5	16QAM	1	12	21.67	21.52	21.77			
5	16QAM	1	24	21.78	21.75	21.92			
5	16QAM	12	0	20.60	20.57	20.86			
5	16QAM	12	7	20.70	20.62	20.77	22	2	
5	16QAM	12	13	20.51	20.51	20.65			
5	16QAM	25	0	20.76	20.61	20.57			
5	64QAM	1	0	19.67	19.67	19.64	21	3	
5	64QAM	1	12	20.67	20.64	20.82	22	2	
5	64QAM	1	24	20.85	20.68	20.52			
5	64QAM	12	0	19.70	19.57	19.71			
5	64QAM	12	7	19.55	19.70	19.86			
5	64QAM	12	13	19.60	19.52	19.64			
5	64QAM	25	0	19.76	19.67	19.64	19	5	
5	64QAM	25	0	17.75	17.80	17.69			
5	256QAM	1	12	17.91	17.76	17.94	19	5	
5	256QAM	1	24	17.62	17.78	17.76			
5	256QAM	12	0	17.77	17.64	17.76			
5	256QAM	12	7	17.85	17.83	17.62			
5	256QAM	12	13	17.75	17.75	17.75	19	5	
5	256QAM	25	0	17.25	17.25	17.29			

LTE Band 2 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Channel	Power Line Ch. Offset	Power High Ch. Offset	Time-use (sec)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.42	21.48	21.48	22.5	0		
20	QPSK	1	49	21.32	21.43	21.29	22.5	0		
20	QPSK	1	99	21.38	21.27	21.33	22.5	0		
20	QPSK	20	1	21.41	21.40	21.38	22.5	0		
20	QPSK	50	24	21.32	21.25	21.31	22.5	0		
20	QPSK	50	50	21.30	21.39	21.33	22.5	0		
20	16QAM	1	0	21.09	21.29	21.07	22.5	0		
20	16QAM	1	49	21.16	21.16	21.29	22.5	0		
20	16QAM	1	99	21.11	21.28	21.18	22.5	0		
20	16QAM	20	0	21.24	21.24	21.29	22.5	0		
20	16QAM	20	24	21.17	21.24	21.17	22.5	0		
20	16QAM	100	0	21.09	21.31	21.29	22.5	0		
20	16QAM	100	5	21.09	21.29	21.09	22.5	0		
20	16QAM	1	49	21.02	21.06	21.20	22.5	0		
20	16QAM	1	99	21.01	21.01	21.28	22.5	0		
20	16QAM	50	0	20.92	20.94	20.92	21.5	1		
20	16QAM	50	24	20.94	20.92	20.97	21.5	1		
20	16QAM	50	99	20.90	20.90	20.96	21.5	1		
20	256QAM	1	0	18.91	18.92	18.94	19.5	3		
20	256QAM	1	49	18.94	18.92	18.97	19.5	3		
20	256QAM	1	99	18.90	18.96	18.94	19.5	3		
20	256QAM	20	1	18.93	18.94	18.94	19.5	3		
20	256QAM	50	5	18.94	18.98	18.94	19.5	3		
20	256QAM	50	24	18.94	18.98	18.94	19.5	3		
20	256QAM	100	0	18.91	18.96	18.95	19.5	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.37	21.42	21.32	22.5	0		
15	QPSK	1	49	21.14	21.37	21.14	22.5	0		
15	QPSK	1	74	21.29	21.18	21.28	22.5	0		
15	QPSK	20	1	21.34	21.34	21.24	22.5	0		
15	QPSK	36	0	21.14	21.38	21.28	22.5	0		
15	QPSK	36	59	21.21	21.20	21.21	22.5	0		
15	QPSK	75	0	21.12	21.36	21.18	22.5	0		
15	16QAM	1	0	21.09	21.19	21.09	22.5	0		
15	16QAM	1	39	21.00	21.08	21.22	22.5	0		
15	16QAM	1	74	20.93	21.21	20.99	22.5	0		
15	16QAM	36	0	21.17	21.13	21.19	22.5	0		
15	16QAM	36	29	21.04	21.12	20.99	22.5	0		
15	16QAM	75	0	21.04	21.16	21.11	22.5	0		
15	16QAM	1	0	21.07	21.07	20.94	22.5	0		
15	16QAM	1	39	20.98	20.94	21.11	22.5	0		
15	16QAM	1	74	21.05	21.04	21.19	22.5	0		
15	16QAM	36	0	20.95	20.98	20.98	21.5	1		
15	16QAM	36	29	20.98	20.96	20.92	21.5	1		
15	16QAM	75	0	20.92	20.92	20.97	21.5	1		
15	256QAM	1	0	18.90	18.96	18.98	19.5	3		
15	256QAM	1	39	18.96	18.95	18.94	19.5	3		
15	256QAM	1	84	18.90	18.98	18.94	19.5	3		
15	256QAM	20	1	18.92	18.96	18.95	19.5	3		
15	256QAM	36	0	18.90	18.90	18.95	19.5	3		
15	256QAM	36	24	18.94	18.98	18.93	19.5	3		
15	256QAM	50	5	18.92	18.90	18.90	19.5	3		
15	256QAM	75	0	18.90	18.90	18.90	19.5	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.34	21.41	21.34	22.5	0		
10	QPSK	1	25	21.18	21.38	21.15	22.5	0		
10	QPSK	1	49	21.27	21.13	21.28	22.5	0		
10	QPSK	25	0	21.34	21.32	21.29	22.5	0		
10	QPSK	25	12	21.26	21.26	21.18	22.5	0		
10	QPSK	50	0	21.30	21.30	21.25	22.5	0		
10	QPSK	50	50	21.21	21.22	21.25	22.5	0		
10	16QAM	1	0	20.96	21.17	21.02	22.5	0		
10	16QAM	1	49	21.04	21.10	21.13	22.5	0		
10	16QAM	25	0	21.07	21.29	21.18	22.5	0		
10	16QAM	25	12	21.06	21.08	21.11	22.5	0		
10	16QAM	50	25	20.93	20.93	21.15	22.5	0		
10	16QAM	50	0	20.97	21.15	21.15	22.5	0		
10	16QAM	1	0	21.26	21.11	20.93	22.5	0		
10	16QAM	1	24	21.05	21.01	21.12	22.5	0		
10	16QAM	1	49	21.18	21.09	21.13	22.5	0		
10	16QAM	25	0	20.94	20.94	20.97	21.5	1		
10	16QAM	25	12	20.92	20.97	20.95	21.5	1		
10	16QAM	50	24	20.93	20.97	20.96	21.5	1		
10	16QAM	50	0	20.96	20.94	20.96	21.5	1		
10	256QAM	1	0	18.92	18.96	18.94	19.5	3		
10	256QAM	1	49	18.91	18.93	18.92	19.5	3		
10	256QAM	1	99	18.96	18.92	18.95	19.5	3		
10	256QAM	20	1	18.93	18.94	18.94	19.5	3		
10	256QAM	25	12	18.96	18.96	18.96	19.5	3		
10	256QAM	25	25	18.95	18.90	18.96	19.5	3		
10	256QAM	50	0	18.92	18.91	18.95	19.5	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.38	21.41	21.38	22.5	0		
5	QPSK	1	12	21.21	21.33	21.17	22.5	0		
5	QPSK	1	34	21.27	21.12	21.18	22.5	0		
5	QPSK	12	0	21.35	21.36	21.28	22.5	0		
5	QPSK	12	7	21.27	21.18	21.18	22.5	0		
5	QPSK	12	13	21.21	21.34	21.18	22.5	0		
5	QPSK	25	0	21.17	21.28	21.27	22.5	0		
5	16QAM	1	0	20.96	21.11	21.02	22.5	0		
5	16QAM	1	12	20.92	21.08	21.22	22.5	0		
5	16QAM	1	24	20.94	21.08	21.08	22.5	0		
5	16QAM	12	0	21.11	21.17	21.14	22.5	0		
5	16QAM	12	7	21.09	21.18	21.12	22.5	0		
5	16QAM	12	13	21.02	20.98	21.14	22.5	0		
5	16QAM	25	0	20.90	21.21	21.12	22.5	0		
5	16QAM	1	0	21.26	21.07	20.91	22.5	0		
5	16QAM	1	12	20.98	20.95	21.11	22.5	0		
5	16QAM	1	24	21.12	21.07	21.13	22.5	0		
5	16QAM	12	0	20.98	20.91	20.91	21.5	1		
5	16QAM	12	7	20.96	20.91	20.91	21.5	1		
5	16QAM	12	13	20.92	20.96	20.96	21.5	1		
5	16QAM	25	0	20.94	20.97	20.96	21.5	1		
5	256QAM	1	0	18.94	18.95	18.95	19.5	3		
5	256QAM	1	49	18.93	18.94	18.94	19.5	3		
5	256QAM	1	99	18.96	18.92	18.91	19.5	3		
5	256QAM	20	1	18.93	18.93	18.93	19.5	3		
5	256QAM	25	12	18.97	18.94	18.90	19.5	3		
5	256QAM	25	25	18.96	18.90	18.96	19.5	3		
5	256QAM	50	0	18.92	18.91	18.95	19.5	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	21.30	21.41	21.30	22.5	0		
1.4	QPSK	1	3	21.27	21.36	21.18	22.5	0		
1.4	QPSK	1	24	21.41	21.16	21.42	22.5	0		
1.4	QPSK	3	0	21.02	21.26	21.26	22.5	0		
1.4	QPSK	3	1	21.28	21.09	21.21	22.5	0		
1.4	QPSK	3	0	21.07	21.01	21.01	22.5	0		
1.4	QPSK	3	15	21.25	21.32	21.24	22.5	0		
1.4	16QAM	1	0	21.03	21.23	20.92	22.5	0		
1.4	16QAM	1	0	20.94	21.12	21.11	22.5	0		
1.4	16QAM	1	14	21.01	21.11	21.07	22.5	0		
1.4	16QAM	3	0	21.06	21.18	21.23	22.5	0		
1.4	16QAM	3	0	21.02	21.14	21.02	22.5	0		
1.4	16QAM	3	1	21.06	21.08	21.14	22.5	0		
1.4	16QAM	3	15	21.25	21.32	21.24	22.5	0		
1.4	16QAM	4	0	21.01	21.22	21.15	22.5	0		
1.4	16QAM	4	0	20.98	21.08	21.08	22.5	0		
1.4	16QAM	4	3	21.28	21.24	21.01	22.5	0		
1.4	16QAM	1	0	21.12	21.16	21.16	22.5	0		
1.4	16QAM	1	1	21.08	21.13	21.13	22.5	0		
1.4	16QAM	3	1	21.13	21.32	21.28	22.5	0		
1.4	16QAM	3	1	21.09	21.15	21.20	22.5	0		
1.4	16QAM	3	15	21.29	21.17	21.23	22.5	0		
1.4	256QAM	1	0	18.98	18.94	18.98	19.5	3		
1.4	256QAM	1	1	18.94	18.97	18.94	19.5	3		
1.4	256QAM	3	0	18.93	18.91	18.90	19.5	3		
1.4	256QAM	3	1	18.92	18.98	18.94	19.5	3		
1.4	256QAM	6	0	18.93	18.96	18.96	19.5	3		

LTE Band 21 Ant1												
SP ID	Modulation	RIS Size	RIS Offset	Power Low (mW)	Power Med (mW)	Power High (mW)	Turn-on (ms)	APRS (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.06	24.10	24.43						
10	QPSK	1	25	23.84	24.05	23.86						
10	QPSK	1	49	23.84	23.92	23.83			25	0		
10	QPSK	1	73	23.84	23.75	23.86						
10	QPSK	25	12	23.87	23.81	23.92						
10	QPSK	25	25	23.95	23.98	23.95				24	1	
10	QPSK	25	49	23.95	23.93	23.95						
10	16QAM	1	8	23.14	23.21	23.17						
10	16QAM	1	25	23.14	23.27	23.17				24	1	
10	16QAM	1	49	23.14	23.21	23.17						
10	16QAM	25	0	21.94	22.03	22.05						
10	16QAM	25	12	22.20	21.98	21.87						
10	16QAM	25	25	22.20	21.98	21.87				2		
10	16QAM	25	49	22.20	21.98	21.87						
10	16QAM	50	0	22.08	22.15	21.94						
10	16QAM	1	8	22.22	22.24	22.38						
10	16QAM	1	25	22.22	22.24	22.38						
10	16QAM	1	49	22.25	22.30	22.23						
10	16QAM	25	0	21.18	21.06	21.08						
10	16QAM	25	12	20.85	20.88	21.11						
10	16QAM	25	25	20.85	20.91	20.98				22	3	
10	16QAM	25	49	20.85	20.91	20.98						
10	16QAM	50	0	20.87	21.16	21.14						
10	25QAM	1	0	16.01	16.13	16.30						
10	25QAM	1	25	16.01	16.13	16.30						
10	25QAM	1	49	16.03	16.14	16.37						
10	25QAM	25	0	15.17	16.09	16.12						
10	25QAM	25	12	15.17	16.09	16.12						
10	25QAM	25	25	16.06	16.26	16.35						
10	25QAM	50	0	15.94	16.22	16.39						
Frequency (MHz)												
5	QPSK	1	0	25.15	25.15	25.15	Turn-on (ms)	APRS (dB)				
5	QPSK	1	0	25.38	25.49	25.87						
5	QPSK	1	25	25.38	25.49	25.87				25	0	
5	QPSK	1	49	25.38	25.79	25.72						
5	QPSK	12	0	22.85	22.10	22.36						
5	QPSK	12	25	22.85	22.10	22.36						
5	QPSK	12	49	22.85	22.10	22.36						
5	QPSK	12	13	22.85	22.99	22.97				24	1	
5	QPSK	25	0	22.77	22.08	22.88						
5	QPSK	25	12	22.77	22.08	22.88						
5	QPSK	25	49	22.77	22.08	22.88						
5	16QAM	1	12	23.03	23.06	23.12						
5	16QAM	1	24	23.07	23.15	23.36						
5	16QAM	12	0	21.79	21.98	21.92						
5	16QAM	12	25	21.79	21.98	21.92						
5	16QAM	12	49	21.79	21.98	21.92						
5	16QAM	12	13	21.87	21.88	21.87						
5	16QAM	25	0	21.87	22.10	21.89						
5	16QAM	25	12	21.87	22.10	21.89						
5	16QAM	25	49	21.87	22.10	21.89						
5	16QAM	50	0	21.84	22.02	22.05						
5	25QAM	1	12	16.04	16.93	16.90						
5	25QAM	1	25	16.04	16.93	16.90						
5	25QAM	1	49	16.06	16.96	16.96						
5	25QAM	25	0	15.94	16.92	16.90						
5	25QAM	12	0	15.93	16.92	16.97						
5	25QAM	12	25	16.03	16.88	16.88						
5	25QAM	12	49	16.03	16.88	16.88						
5	25QAM	12	13	16.03	16.88	16.88						
5	25QAM	25	0	15.94	16.92	16.90						
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.56	23.63	23.63	Turn-on (ms)	APRS (dB)				
3	QPSK	1	8	23.65	23.64	23.75						
3	QPSK	1	14	23.77	23.72	23.75				25	0	
3	QPSK	1	20	23.77	23.65	23.74						
3	QPSK	8	4	22.82	22.83	22.84						
3	QPSK	8	7	22.88	22.88	22.79						
3	QPSK	8	13	22.88	22.88	22.79						
3	16QAM	1	6	22.65	22.63	22.62						
3	16QAM	1	8	22.63	22.62	22.64				24	1	
3	16QAM	1	8	22.63	22.62	22.64						
3	16QAM	8	0	21.83	21.99	21.91						
3	16QAM	8	4	22.03	21.80	21.87						
3	16QAM	8	7	22.03	21.80	21.87						
3	16QAM	8	13	22.03	21.80	21.87						
3	16QAM	15	0	21.98	21.99	21.84						
3	8QAM	1	0	22.23	22.18	22.19						
3	8QAM	8	0	21.53	21.69	21.68						
3	8QAM	1	14	21.53	21.69	21.68						
3	8QAM	8	0	21.53	21.69	21.68						
3	8QAM	8	4	20.88	20.83	20.87						
3	8QAM	8	7	20.88	20.83	20.87						
3	8QAM	8	13	20.88	20.83	20.87						
3	8QAM	15	0	20.85	21.13	21.02						
3	25QAM	1	0	16.84	16.96	16.91						
3	25QAM	1	14	16.84	16.96	16.91						
3	25QAM	1	14	16.83	16.93	16.93						
3	25QAM	8	0	16.97	16.94	16.94						
3	25QAM	8	7	16.97	16.94	16.94						
3	25QAM	8	7	16.95	16.92	16.84						
3	25QAM	15	0	16.77	16.97	16.87	Turn-on (ms)	APRS (dB)				
Frequency (MHz)												
1.4	QPSK	1	0	24.00	24.00	24.00	Turn-on (ms)	APRS (dB)				
1.4	QPSK	1	0	24.00	24.00	24.00						
1.4	QPSK	1	0	23.71	23.81	23.67				25	0	
1.4	QPSK	3	0	22.87	22.97	22.83						
1.4	16QAM	1	0	22.64	22.78	22.78						
1.4	16QAM	1	0	22.78	22.83	22.78						
1.4	16QAM	1	8	22.75	22.83	22.85						
1.4	16QAM	1	8	22.68	22.18	22.61				24	1	
1.4	16QAM	3	0	22.64	22.69	22.64						
1.4	16QAM	3	3	22.67	22.84	22.71						
1.4	16QAM	6	0	21.79	21.84	21.73				23	2	
1.4	16QAM	3	3	21.82	21.83	21.86						
1.4	8QAM	1	0	21.82	21.91	21.79						
1.4	8QAM	1	0	21.82	21.91	21.79						
1.4	8QAM	3	3	21.84	22.12	21.98						
1.4	8QAM	3	3	21.93	22.07	22.02				22	3	
1.4	25QAM	1	3	16.96	16.92	16.87						
1.4	25QAM	3	3	16.93	16.93	16.84						
1.4	25QAM	3	3	16.93	16.96	16.93				25	0	
1.4	25QAM	3	3	16.88	16.97	16.90						
1.4	25QAM	3	3	16.92	16.97	16.83						
1.4	25QAM	3	3	16.92	16.96	16.86						
1.4	25QAM	3	3	16.92	16.96	16.86						

LTE Band 13 Ant1									
RF BPF	Moderator	RF Size	RF Offset	Power Loss (dB)	Power Margin (dB)	Power Toler. (dB)	Turn-on Time (ms)	MFR (dB)	
Frequency Channel									
10	GPBK	1	0		24.15				
10	GPBK	1	20		24.02		25	0	
10	GPBK	1	40		23.79				
10	GPBK	25	0		23.15				
10	GPBK	25	12		23.06		24	1	
10	GPBK	25	25		22.99				
10	GPBK	50	0		23.00				
10	BSGAM	1	0		23.15				
10	BSGAM	1	20		23.21		24	1	
10	BSGAM	1	40		23.14				
10	BSGAM	25	0		22.14				
10	BSGAM	25	12		22.11		23	2	
10	BSGAM	25	25		22.07				
10	BSGAM	50	0		22.13				
10	BSGAM	1	0		22.24				
10	BSGAM	1	20		22.19		23	2	
10	BSGAM	1	40		22.16				
10	BSGAM	25	0		21.15				
10	BSGAM	25	12		21.11				
10	BSGAM	25	25		21.28		22	3	
10	BSGAM	50	0		21.28				
10	ZHGAM	1	0		18.03				
10	ZHGAM	1	20		18.98		20	0	
10	ZHGAM	1	40		18.15				
10	ZHGAM	25	0		18.05				
10	ZHGAM	25	12		18.20		20	0	
10	ZHGAM	25	25		18.05				
10	ZHGAM	50	0		18.10				
Frequency (MHz)				2420	2425	2430	7+10+10 (ms)	MFR (dB)	
Channel				779.5	780	780.5			
5	GPBK	1	0		23.96	23.99	23.93		
5	GPBK	1	10		23.94	23.97	23.96	23	0
5	GPBK	1	24		23.87	23.87	23.85		
5	GPBK	12	0		23.01	23.05	23.00		
5	GPBK	12	7		22.98	22.97	22.93	24	1
5	GPBK	12	13		22.93	22.97	22.93		
5	GPBK	25	0		22.87	22.90	22.83		
5	BSGAM	1	0		23.03	23.01	23.02		
5	BSGAM	1	12		23.07	23.05	23.01	24	1
5	BSGAM	1	24		22.94	22.97	22.88		
5	BSGAM	12	0		21.98	22.02	22.00		
5	BSGAM	12	7		21.91	21.94	21.93	23	2
5	BSGAM	12	13		22.02	22.06	22.00		
5	BSGAM	25	0		22.00	22.01	21.96		
5	BSGAM	1	0		22.05	22.10	22.05		
5	BSGAM	1	12		22.00	22.06	22.04	23	2
5	BSGAM	1	24		21.99	21.99	21.94		
5	BSGAM	12	0		21.04	21.05	21.06		
5	BSGAM	12	7		21.02	21.06	21.01	22	3
5	BSGAM	12	13		21.09	21.18	21.11		
5	BSGAM	25	0		21.11	21.22	21.16		
5	ZHGAM	1	0		18.01	18.01	18.03		
5	ZHGAM	1	12		18.71	18.67	18.73	20	0
5	ZHGAM	1	24		18.70	18.69	18.69		
5	ZHGAM	12	0		18.08	18.00	18.07		
5	ZHGAM	12	7		18.06	18.12	18.00	20	0
5	ZHGAM	12	13		18.08	18.02	18.08		
5	ZHGAM	25	0		18.04	18.02	18.02		

LTE Band 14 Ant1									
SRV Type	Modulation	RB Size	RB Offset	Power Line Freq.	Power Line Ch. Freq.	Power Line Freq.	Time-up (min)	Agmt (dB)	
Channel				23330					
Frequency (MHz)				23330					
10	QPSK	1	0		23.13				
10	QPSK	1	25		24.10		25	0	
10	QPSK	1	40		23.97				
10	QPSK	25	0		23.12				
10	QPSK	25	12		23.04		24	1	
10	QPSK	25	25		23.03				
10	QPSK	50	0		23.02				
10	16QAM	1	0		23.23				
10	16QAM	1	25		23.16		24	1	
10	16QAM	1	40		23.31				
10	16QAM	25	0		22.08				
10	16QAM	25	12		22.09		23	2	
10	16QAM	25	25		22.12				
10	16QAM	50	0		22.10				
10	16QAM	1	0		22.13				
10	16QAM	1	25		22.14		23		
10	16QAM	1	40		22.07				
10	16QAM	25	0		21.09				
10	16QAM	25	12		21.26		22	3	
10	16QAM	25	25		21.22				
10	16QAM	50	0		21.02				
10	256QAM	1	0		19.26				
10	256QAM	1	25		19.18		20	5	
10	256QAM	1	40		19.35				
10	256QAM	25	0		19.13				
10	256QAM	25	12		19.00		20	5	
10	256QAM	25	25		19.26				
10	256QAM	50	0		19.98				
Channel				23330	23330	23330	Time-up (min)	Agmt (dB)	
Frequency (MHz)				23330	7963	7963			
5	QPSK	1	0		24.00	24.04	23.97		
5	QPSK	1	12		24.09	23.92	23.91		
5	QPSK	1	24		23.87	23.83	23.83		
5	QPSK	12	0		23.08	22.69	22.84		
5	QPSK	12	7		23.02	22.66	22.85		
5	QPSK	12	13		22.91	22.85	22.96	24	1
5	QPSK	25	0		22.92	22.97	22.88		
5	16QAM	1	0		23.19	23.06	23.11		
5	16QAM	1	12		22.97	23.10	23.04	24	1
5	16QAM	1	24		23.11	23.13	23.24		
5	16QAM	12	0		21.03	22.04	22.07		
5	16QAM	12	7		21.98	21.97	22.04		
5	16QAM	12	13		22.17	22.05	22.16	23	2
5	16QAM	25	0		22.14	22.01	22.08		
5	16QAM	1	0		22.01	21.94	22.00		
5	16QAM	1	12		22.00	22.00	22.01		
5	16QAM	1	24		21.95	21.96	21.90		
5	16QAM	12	0		21.04	21.01	21.00		
5	16QAM	12	7		21.16	21.14	21.13		
5	16QAM	12	13		21.14	21.10	21.11	22	3
5	16QAM	25	0		20.07	20.03	20.06		
5	256QAM	1	0		19.14	19.13	19.08		
5	256QAM	1	12		19.02	19.08	19.05	20	5
5	256QAM	1	24		19.21	19.30	19.20		
5	256QAM	12	0		19.03	19.07	19.04		
5	256QAM	12	7		18.92	18.86	18.89	20	5
5	256QAM	12	13		19.12	19.18	19.17		
5	256QAM	5	0		19.88	19.92	19.90		

LTE Band 25 Ant1													
SPW (MHz)	Modulation	RBs (KHz)	RB Offset	Low Pwr (dBm)	High Pwr (dBm)	Power Class	Time-slot (ms)	Aggr. (ms)					
Channel										Frequency (MHz)	Bandwidth (MHz)	Time-slot (ms)	Aggr. (ms)
25	QPSK	1	0	21.40	21.40	21.44							
25	QPSK	1	48	21.12	21.10	21.30							
25	QPSK	50	237	21.40	21.20	21.40			22.5	0			
25	QPSK	50	237	21.40	21.20	21.40							
25	QPSK	50	241	21.40	21.20	21.40							
25	QPSK	50	245	21.40	21.20	21.40							
25	QPSK	50	249	21.40	21.20	21.40							
25	QPSK	50	253	21.40	21.20	21.40							
25	QPSK	50	257	21.40	21.20	21.40							
25	QPSK	50	261	21.40	21.20	21.40							
25	QPSK	50	265	21.40	21.20	21.40							
25	QPSK	50	269	21.40	21.20	21.40							
25	QPSK	50	273	21.40	21.20	21.40							
25	QPSK	50	277	21.40	21.20	21.40							
25	QPSK	50	281	21.40	21.20	21.40							
25	QPSK	50	285	21.40	21.20	21.40							
25	QPSK	50	289	21.40	21.20	21.40							
25	QPSK	50	293	21.40	21.20	21.40							
25	QPSK	50	297	21.40	21.20	21.40							
25	QPSK	50	301	21.40	21.20	21.40							
25	QPSK	50	305	21.40	21.20	21.40							
25	QPSK	50	309	21.40	21.20	21.40							
25	QPSK	50	313	21.40	21.20	21.40							
25	QPSK	50	317	21.40	21.20	21.40							
25	QPSK	50	321	21.40	21.20	21.40							
25	QPSK	50	325	21.40	21.20	21.40							
25	QPSK	50	329	21.40	21.20	21.40							
25	QPSK	50	333	21.40	21.20	21.40							
25	QPSK	50	337	21.40	21.20	21.40							
25	QPSK	50	341	21.40	21.20	21.40							
25	QPSK	50	345	21.40	21.20	21.40							
25	QPSK	50	349	21.40	21.20	21.40							
25	QPSK	50	353	21.40	21.20	21.40							
25	QPSK	50	357	21.40	21.20	21.40							
25	QPSK	50	361	21.40	21.20	21.40							
25	QPSK	50	365	21.40	21.20	21.40							
25	QPSK	50	369	21.40	21.20	21.40							
25	QPSK	50	373	21.40	21.20	21.40							
25	QPSK	50	377	21.40	21.20	21.40							
25	QPSK	50	381	21.40	21.20	21.40							
25	QPSK	50	385	21.40	21.20	21.40							
25	QPSK	50	389	21.40	21.20	21.40							
25	QPSK	50	393	21.40	21.20	21.40							
Channel													
Frequency (MHz)	1	0	21.40	21.40	21.44	21.44							
15	QPSK	1	0	21.31	21.40	21.38							
15	QPSK	1	25	21.02	21.10	21.20			22.5	0			
15	QPSK	1	74	21.31	21.10	21.30							
15	QPSK	36	0	21.31	21.47	21.10							
15	QPSK	36	25	21.02	21.10	21.20							
15	QPSK	36	36	21.31	21.44	21.03							
15	QPSK	75	0	21.02	21.28	21.12							
15	QPSK	75	25	21.02	21.10	21.20							
15	QPSK	75	36	21.31	21.44	21.03							
15	QPSK	112	0	21.02	21.10	21.15			22.5	0			
15	QPSK	112	25	21.02	21.10	21.15							
15	QPSK	112	36	21.31	21.23	21.14							
15	QPSK	150	0	21.02	21.10	21.15							
15	QPSK	150	25	21.02	21.10	21.15							
15	QPSK	150	36	21.31	21.23	21.14							
15	QPSK	188	0	21.02	21.10	21.15			22.5	0			
15	QPSK	188	25	21.02	21.10	21.15							
15	QPSK	188	36	21.31	21.23	21.14							
15	QPSK	225	0	21.02	21.10	21.15							
15	QPSK	225	25	21.02	21.10	21.15							
15	QPSK	225	36	21.31	21.23	21.14							
15	QPSK	263	0	21.02	21.10	21.15							
15	QPSK	263	25	21.02	21.10	21.15							
15	QPSK	263	36	21.31	21.23	21.14							
15	QPSK	301	0	21.02	21.10	21.15							
15	QPSK	301	25	21.02	21.10	21.15							
15	QPSK	301	36	21.31	21.23	21.14							
15	QPSK	339	0	21.02	21.10	21.15							
15	QPSK	339	25	21.02	21.10	21.15							
15	QPSK	339	36	21.31	21.23	21.14							
15	QPSK	377	0	21.02	21.10	21.15							
15	QPSK	377	25	21.02	21.10	21.15							
15	QPSK	377	36	21.31	21.23	21.14							
15	QPSK	415	0	21.02	21.10	21.15							
15	QPSK	415	25	21.02	21.10	21.15							
15	QPSK	415	36	21.31	21.23	21.14							
15	QPSK	453	0	21.02	21.10	21.15							
15	QPSK	453	25	21.02	21.10	21.15							
15	QPSK	453	36	21.31	21.23	21.14							
15	QPSK	491	0	21.02	21.10	21.15							
15	QPSK	491	25	21.02	21.10	21.15							
15	QPSK	491	36	21.31	21.23	21.14							
15	QPSK	529	0	21.02	21.10	21.15							
15	QPSK	529	25	21.02	21.10	21.15							
15	QPSK	529	36	21.31	21.23	21.14							
15	QPSK	567	0	21.02	21.10	21.15							
15	QPSK	567	25	21.02	21.10	21.15							
15	QPSK	567	36	21.31	21.23	21.14							
15	QPSK	605	0	21.02	21.10	21.15							
15	QPSK	605	25	21.02	21.10	21.15							
15	QPSK	605	36	21.31	21.23	21.14							
15	QPSK	643	0	21.02	21.10	21.15							
15	QPSK	643	25	21.02	21.10	21.15							
15	QPSK	643	36	21.31	21.23	21.14							
15	QPSK	681	0	21.02	21.10	21.15							
15	QPSK	681	25	21.02	21.10	21.15							
15	QPSK	681	36	21.31	21.23	21.14							
15	QPSK	719	0	21.02	21.10	21.15							
15	QPSK	719	25	21.02	21.10	21.15							
15	QPSK	719	36	21.31	21.23	21.14							
15	QPSK	757	0	21.02	21.10	21.15							
15	QPSK	757	25	21.02	21.10	21.15							
15	QPSK	757	36	21.31	21.23	21.14							
15	QPSK	795	0	21.02	21.10	21.15							
15	QPSK	795	25	21.02	21.10	21.15							
15	QPSK	795	36	21.31	21.23	21.14							
15	QPSK	833	0	21.02	21.10	21.15							
15	QPSK	833	25	21.02	21.10	21.15							
15	QPSK	833	36	21.31	21.23	21.14							
15	QPSK	871	0	21.02	21.10	21.15							
15	QPSK	871	25	21.02	21.10	21.15							
15	QPSK	871	36	21.31	21.23	21.14							
15	QPSK	909	0	21.02	21.10	21.15							
15	QPSK	909	25	21.02	21.10	21.15							
15	QPSK	909	36	21.31	21.23	21.14							
15	QPSK	947	0	21.02	21.10	21.15							
15	QPSK	947	25	21.02	21.10	21.15							
15	QPSK	947	36	21.31	21.23	21.14							
15	QPSK	985	0	21.02	21.10	21.15							
15	QPSK	985	25	21.02	21.10	21.15							
15	QPSK	985	36	21.31	21.23	21.14							
15	QPSK	1023	0	21.02	21.10	21.15							
15	QPSK	1023	25	21.02	21.10	21.15							
15	QPSK	1023	36	21.31	21.23	21.14							
15	QPSK	1061	0	21.02	21.10	21.15							
15	QPSK	1061	25	21.02	21.10	21.15							
15	QPSK	1061	36	21.31	21.23	21.14							
15	QPSK	1099	0	21.02	21.10	21.15							
15	QPSK	1099	25	21.02	21.10	21.15							

LTE Band 26 Ant1										
SW (MHz)	Modulation	RB Size	RB Offset	Power Line Channel	Power Meas Ch. Offset	Power High Ch. Offset	Time-up (sec)	MPG (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.13	23.13	23.13			25	0
15	QPSK	1	37	23.75	23.91	23.87				
15	QPSK	1	74	23.88	23.90	23.87				
15	QPSK	56	20	22.74	22.95	22.95			24	1
15	QPSK	56	36	23.84	23.96	23.79				
15	QPSK	75	0	22.74	22.95	22.95				
15	16QAM	1	0	23.72	23.69	23.68			24	1
15	16QAM	1	37	23.83	23.87	23.86				
15	16QAM	1	74	23.17	23.03	23.01				
15	16QAM	56	0	21.93	21.89	21.73			23	2
15	16QAM	56	20	21.83	21.88	21.72				
15	16QAM	56	36	21.76	21.83	21.84				
15	16QAM	75	0	21.73	21.74	22.04			23	2
15	64QAM	1	0	22.07	22.02	22.04				
15	64QAM	1	37	22.11	22.10	22.30				
15	64QAM	1	74	22.15	22.09	22.21			22	3
15	64QAM	56	0	20.94	20.91	20.87				
15	64QAM	56	20	21.07	21.01	21.04				
15	64QAM	56	36	21.00	20.79	20.90			22	3
15	256QAM	1	0	20.98	20.92	21.03				
15	256QAM	1	0	20.97	18.10	18.12				
15	256QAM	1	87	18.08	18.18	18.18			20	5
15	256QAM	1	74	18.34	18.36	18.17				
15	256QAM	56	0	18.23	18.23	18.25				
15	256QAM	56	20	18.48	18.19	18.20			20	5
15	256QAM	56	36	18.86	18.34	18.82				
15	256QAM	75	0	18.49	18.79	18.75				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.69	23.68	23.65			25	0
10	QPSK	1	25	23.72	23.87	23.46				
10	QPSK	1	49	23.77	23.74	23.79				
10	QPSK	25	0	22.71	22.87	22.58			24	1
10	QPSK	56	20	22.84	22.94	22.85				
10	QPSK	56	20	22.71	22.80	22.83				
10	QPSK	56	0	23.84	23.86	23.83			24	1
10	QPSK	56	0	23.87	23.90	23.89				
10	16QAM	1	25	22.80	22.79	22.83				
10	16QAM	1	49	23.10	22.89	22.82				
10	16QAM	56	0	21.84	21.87	21.89			23	2
10	16QAM	56	12	21.75	21.84	21.54				
10	16QAM	25	20	21.82	21.78	21.87				
10	16QAM	50	0	21.84	21.86	21.81				
10	64QAM	1	0	22.16	22.07	22.07			23	2
10	64QAM	1	20	21.87	22.10	22.12				
10	64QAM	1	49	21.96	22.02	22.11				
10	64QAM	1	0	20.71	20.81	20.71				
10	64QAM	25	12	20.98	20.95	20.96			20	5
10	64QAM	25	20	20.91	20.92	20.90				
10	64QAM	50	0	20.83	20.78	20.85				
10	256QAM	1	0	18.88	18.34	18.34				
10	256QAM	1	25	18.80	18.04	18.05			20	5
10	256QAM	1	49	18.82	18.08	18.08				
10	256QAM	25	0	18.46	18.36	18.37				
10	256QAM	25	12	18.35	18.48	18.30				
10	256QAM	50	0	18.37	18.17	18.45			19	5
10	256QAM	50	0	18.37	18.71	18.81				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.73	23.73	23.69			25	0
3	QPSK	1	25	23.68	23.80	23.55				
3	QPSK	1	49	23.76	23.76	23.86				
3	QPSK	8	0	22.69	22.65	22.61			24	1
3	QPSK	8	4	22.69	22.81	22.67				
3	QPSK	8	4	22.69	22.81	22.73				
3	QPSK	16	0	22.89	22.86	22.83			24	1
3	16QAM	1	0	22.89	22.91	22.91				
3	16QAM	1	25	22.91	22.91	22.91				
3	16QAM	1	14	22.98	22.99	22.74			24	1
3	16QAM	8	0	21.87	21.83	21.85				
3	16QAM	8	7	21.88	21.74	21.84				
3	16QAM	8	7	21.89	21.78	21.97				
3	16QAM	15	0	21.82	21.85	21.81			23	2
3	16QAM	15	0	21.83	21.73	21.83				
3	16QAM	1	8	22.04	22.10	22.15				
3	64QAM	1	14	22.04	21.96	22.09				
3	64QAM	1	25	22.05	22.05	22.05			23	2
3	64QAM	8	4	20.93	20.98	20.99				
3	64QAM	8	7	20.93	20.90	20.92				
3	256QAM	1	0	18.88	18.34	18.34				
3	256QAM	1	8	18.87	18.04	18.00			20	5
3	256QAM	8	0	18.46	18.36	18.37				
3	256QAM	8	0	18.46	18.47	18.51				
3	256QAM	8	4	18.40	18.62	18.51				
3	256QAM	15	0	18.37	18.17	18.45			20	5
3	256QAM	15	0	18.37	18.71	18.81				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.74	23.69	23.63			25	0
1.4	QPSK	1	3	23.68	23.87	23.55				
1.4	QPSK	1	3	23.69	23.86	23.79				
1.4	QPSK	3	1	23.50	23.80	23.50				
1.4	QPSK	3	1	23.51	23.84	23.84			24	1
1.4	QPSK	6	0	22.52	22.88	22.45				
1.4	16QAM	1	0	22.80	22.75	22.75				
1.4	16QAM	1	6	22.85	22.88	22.89				
1.4	16QAM	1	6	22.86	22.86	22.86			24	1
1.4	16QAM	3	0	22.93	22.93	22.93				
1.4	16QAM	3	3	22.97	22.75	22.87				
1.4	16QAM	6	0	21.88	21.68	21.88				
1.4	64QAM	1	5	21.93	21.99	21.89			23	2
1.4	64QAM	1	5	21.95	21.88	21.73				
1.4	64QAM	3	3	21.87	21.94	22.07				
1.4	64QAM	3	3	21.92	21.90	21.90				
1.4	256QAM	1	3	18.82	18.91	19.07			20	5
1.4	256QAM	1	3	18.70	18.11	18.11				
1.4	256QAM	1	3	18.76	18.04	18.11				
1.4	256QAM	3	1	18.39	18.82	18.39				
1.4	256QAM	3	1	18.40	18.08	18.07				

LTE Band 66 Ant1										
SW (MHz)	Modulation	RB Size	RB Offset	Power Line Channel	Power Meas Ch. Offset	Power High Ch. Offset	Time-up (sec)	MPG (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.20	23.18	23.23			24.5	0
20	QPSK	1	49	23.02	23.19	23.03				
20	QPSK	1	99	23.28	23.29	23.22			23.5	1
20	QPSK	50	24	22.19	22.37	22.19				
20	QPSK	50	50	22.18	22.30	22.10			23.5	1
20	16QAM	1	0	22.53	22.40	22.25				
20	16QAM	1	49	22.51	22.80	22.54			22.5	2
20	16QAM	1	99	22.48	22.34	22.63				
20	16QAM	50	0	21.40	21.33	21.15			22.5	2
20	16QAM	50	24	21.33	21.30	21.18				
20	16QAM	50	50	21.16	21.24	21.42			21.5	3
20	16QAM	100	0	21.07	21.16	21.20				
20	64QAM	1	0	21.30	21.31	21.40			21.5	3
20	64QAM	1	49	21.35	21.43	21.14				
20	64QAM	50	24	20.45	20.44	20.30			19.5	5
20	64QAM	50	50	20.48	20.25	20.51				
20	256QAM	1	0	18.51	18.50	18.50			19.5	5
20	256QAM	1	0	18.51	18.50	18.50				
20	256QAM	1	99	18.49	18.47	18.53			19.5	5
20	256QAM	50	0	18.26	18.41	18.31				
20	256QAM	50	24	18.41	18.38	18.38			19.5	5
20	256QAM	50	50	18.55	18.46	18.34				
20	256QAM	100	0	18.50	18.33	18.46				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.20	23.19	23.13			24.5	0
15	QPSK	1	49	23.07	23.16	23.08				
15	QPSK	1	74	23.16	23.21	23.08			23.5	1
15	QPSK	36	0	22.23	22.29	22.00				
15	QPSK	56	20	22.31	22.38	22.12			23.5	1
15	QPSK	56	20	22.31	22.19	22.30				
15	QPSK	75	0	22.34	22.17	22.17			23.5	1
15	QPSK	75	0	22.34	22.29	22.39				
15	16QAM	1	25	22.32	22.49	22.49			23.5	1
15	16QAM	1	74	22.39	22.26	22.38				
15	16QAM	56	0	21.16	21.13	21.02			22.5	2
15	16QAM	56	20	21.16	21.24	21.05				
15	16QAM	56	36	21.05	21.16	21.31			22.5	2
15	16QAM	75	0	21.19	21.02	21.15				
15	64QAM	1	0	21.30	21.27	21.12			21.5	3
15	64QAM	1	74	21.30	21.27	21.12				
15	64QAM	1	0	20.19	20.26	20.07			21.5	3
15	64QAM	36	20	20.26	20.17	20.44				
15	64QAM	56	0	20.26	20.26	20.26			19.5	5
15	64QAM	56	20	20.35	20.17	20.44				
15	256QAM	1	0	18.33	18.33	18.36			19.5	5
15	256QAM	1	37	18.43	18.59	18.44				
15	256QAM	1	74	18.42	18.56	18.42			19.5	5
15	256QAM	36	0	18.12	18.31	18.16				
15	256QAM	56	20	18.34	18.27	18.23			19.5	5
15	256QAM	56	36	18.37	18.37	18.37				
15	256QAM	75	0	18.30	18.39	18.39				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.10	23.31	23.36			24.5	0
10	QPSK	1	25	22.91	23.50	23.38				
10	QPSK	25	0	22.92	22.95	22.92			23.5	1
10	QPSK	12	0	22.27	22.33	22.03				
10	QPSK	12	7	22.02	22.29	22.08			23.5	1
10	QPSK	15	0	22.28	22.17	22.17				
10	QPSK	0	0	22.34	22.17	22.18			23.5	1
10	16QAM	1	0	22.47	22.28	22.19				
10	16QAM	1	25	22.47	22.45	22.25			23.5	1
10	16QAM	1	24	22.21	22.21	22.09				
10	16QAM	12	0	21.26	21.13	21.06			22.5	2
10	16QAM	12	7	21.24	21.16	21.12				
10	16QAM	12	13	21.13	21.13	21.09			22.5	2
10	16QAM	0	0	21.16	21.06	21.00				
10	16QAM	1	13	21.13	21.14	21.17			21.5	3
10	16QAM	1	12	21.19	21.36	20.97				
10	64QAM	1	24	21.33	21.28	21.06			21.5	3
10	64QAM	12	7	20.39	20.30	20.24				
10	64QAM	12	13	20.42	20.16	20.32			19.5	5
10	64QAM	1	0	18.46	18.36	18.34				
10	256QAM	1	0	18.08	18.36	18.25			19.5	5
10	256QAM	1	12	18.42	18.63	18.48				
10	256QAM	12	0	18.12	18.28	18.24			19.5	5
10	256QAM	12	7	18.36	18.16	18.30				
10	256QAM	15	0	18.39	18.17	18.37				
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.12	23.22	23.03			24.5	0
3	QPSK	1	8	22.93	23.03	22.86				
3	QPSK	8	0	22.94	22.94	22.94			23.5	1
3	QPSK	8	4	22.29	22.22	22.05				
3	QPSK	8	4	22.02	22.19	21.98			23.5	1
3	QPSK	15	0	22.32	22.16	22.20				
3	16QAM	1	0	22.39	22.32	22.17			23.5	1
3	16QAM	1	14	22.30	22.22	22.05				
3	16QAM	8	0	21.34	21.29	21.08			22.5	2
3	16QAM	8	7	21.09	21.28	21.25				
3	16QAM	15	0	21.07	21.03	21.15			22.5	2
3	16QAM	1	8	21.19	21.36	21.10				
3	64QAM	1	14	21.21	21.36	21.05			21.5	3
3	64QAM	8	7	20.37	20.15	20.43				
3	64QAM	1	14	20.38	20.26	20.26			19.5	5
3	64QAM	1	14	18.16	18.26	18.26				
3	256QAM	1	0	18.37	18.34	18.34			19.5	5
3	256QAM	8	4	18.38	18.50	18.41				
3	256QAM	1	14	18.16	18.26	18.26			19.5	5
3	256QAM	8	4	18.37	18.13	18.30				
3	256QAM	15	0	18.40	18.17	18.37				

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	20.5	3	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71			
20	64QAM	1	49	20.58	20.61	20.82	20.5	3	
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55			
20	64QAM	50	24	19.56	19.73	19.58	18.5	5	
20	64QAM	50	50	19.54	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.58			
20	256QAM	1	0	17.62	17.67	17.76	18.5	5	
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74			
20	256QAM	50	0	17.66	17.51	17.53	18.5	5	
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59			
20	256QAM	100	0	17.39	17.65	17.64	20.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58			
15	64QAM	1	37	20.42	20.53	20.66	20.5	3	
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42			
15	64QAM	36	20	19.41	19.61	19.40	18.5	5	
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40			
15	256QAM	1	0	17.45	17.51	17.72	18.5	5	
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63			
15	256QAM	36	0	17.49	17.34	17.39	18.5	5	
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48	20.5	3	
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.82	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	20.5	3	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	18.5	5	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47	20.5	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	20.5	3	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	18.5	5	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 2 Ant4 For ENDC										
SV	Modulation	RB Size	RB Offset	Power Class (dBm)	Power Class (dBm)	Power Class (dBm)	Time Slot (ms)	MFR (MHz)	Notes	
Channel										
Frequency (MHz)										
20	QPSK	1	0	1530	1534	1548				
20	QPSK	1	49	1536	1540	1554	20.5	0		
20	QPSK	1	98	1536	1540	1554				
20	QPSK	50	0	1539	1550	1562				
20	QPSK	50	24	1523	1523	1537	20.5	0		
20	QPSK	50	24	1523	1523	1537				
20	QPSK	100	0	1533	1546	1541				
20	QPSK	100	1	1525	1540	1544	20.5	0		
20	QPSK	100	1	1525	1540	1544				
20	QPSK	50	24	1537	1538	1539				
20	QPSK	50	1	1538	1544	1539				
20	QPSK	50	1	1538	1544	1539				
20	QPSK	50	24	1536	1536	1536	20.5	0		
20	QPSK	50	24	1536	1536	1536				
20	QPSK	100	0	1522	1542	1534				
20	QPSK	100	1	1522	1542	1534	20.5	0		
20	QPSK	100	1	1522	1542	1534				
20	QPSK	1	0	1536	1536	1536				
20	QPSK	1	49	1536	1536	1536	20.5	0		
20	QPSK	1	49	1536	1536	1536				
20	QPSK	50	1	1526	1540	1533				
20	QPSK	50	24	1537	1538	1539	20.5	0		
20	QPSK	50	24	1537	1538	1539				
20	QPSK	50	50	1540	1523	1538				
20	QPSK	50	50	1540	1523	1538	20.5	0		
20	QPSK	50	50	1540	1523	1538				
20	QPSK	100	0	1547	1521	1517				
20	QPSK	100	1	1547	1521	1517	20.5	0		
20	QPSK	100	1	1547	1521	1517				
20	QPSK	1	49	1536	1536	1536	10.5	1		
20	QPSK	1	99	1534	1530	1526				
20	QPSK	50	1	1538	1533	1535				
20	QPSK	50	24	1538	1533	1535	10.5	1		
20	QPSK	50	24	1538	1533	1535				
20	QPSK	50	50	1538	1533	1535				
20	QPSK	50	50	1538	1533	1535	10.5	1		
20	QPSK	100	0	1538	1533	1535				
20	QPSK	100	1	1538	1533	1535	10.5	1		
20	QPSK	100	1	1538	1533	1535				
Channel										
Frequency (MHz)										
15	QPSK	1	0	1533	1534	1533				
15	QPSK	1	49	1536	1537	1538	20.5	0		
15	QPSK	1	49	1536	1537	1538				
15	QPSK	1	74	1534	1539	1527				
15	QPSK	38	0	1522	1531	1507				
15	QPSK	38	20	1527	1531	1512	20.5	0		
15	QPSK	38	20	1527	1531	1512				
15	QPSK	75	0	1535	1534	1534				
15	QPSK	75	0	1535	1534	1534	20.5	0		
15	QPSK	75	0	1535	1534	1534				
15	QPSK	1	0	1531	1524	1518				
15	QPSK	1	49	1531	1524	1518	20.5	0		
15	QPSK	1	49	1531	1524	1518				
15	QPSK	74	0	1531	1524	1518				
15	QPSK	74	0	1531	1524	1518	20.5	0		
15	QPSK	74	0	1531	1524	1518				
15	QPSK	38	0	1536	1512	1514				
15	QPSK	38	0	1536	1512	1514	20.5	0		
15	QPSK	38	0	1536	1512	1514				
15	QPSK	38	39	1535	1521	1510				
15	QPSK	38	39	1535	1521	1510	20.5	0		
15	QPSK	38	39	1535	1521	1510				
15	QPSK	75	0	1532	1530	1511				
15	QPSK	75	0	1532	1530	1511	20.5	0		
15	QPSK	75	0	1532	1530	1511				
15	QPSK	1	0	1536	1536	1536				
15	QPSK	1	49	1536	1536	1536	20.5	0		
15	QPSK	1	49	1536	1536	1536				
15	QPSK	74	0	1532	1536	1536				
15	QPSK	74	0	1532	1536	1536	20.5	0		
15	QPSK	74	0	1532	1536	1536				
15	QPSK	38	0	1531	1531	1527				
15	QPSK	38	0	1531	1531	1527	20.5	0		
15	QPSK	38	0	1531	1531	1527				
15	QPSK	38	39	1533	1524	1518				
15	QPSK	38	39	1533	1524	1518	20.5	0		
15	QPSK	38	39	1533	1524	1518				
15	QPSK	75	0	1531	1530	1535				
15	QPSK	75	0	1531	1530	1535	20.5	0		
15	QPSK	75	0	1531	1530	1535				
15	QPSK	25	0	1536	1536	1536				
15	QPSK	25	0	1536	1536	1536	20.5	0		
15	QPSK	25	0	1536	1536	1536				
15	QPSK	25	25	1536	1536	1536				
15	QPSK	25	25	1536	1536	1536	20.5	0		
15	QPSK	25	25	1536	1536	1536				
15	QPSK	50	0	1537	1537	1537				
15	QPSK	50	0	1537	1537	1537	10.5	1		
15	QPSK	50	0	1537	1537	1537				
Channel										
Frequency (MHz)										
10	QPSK	1	0	1526	1532	1527				
10	QPSK	1	49	1533	1537	1538	20.5	0		
10	QPSK	1	49	1533	1537	1538				
10	QPSK	25	0	1523	1530	1515				
10	QPSK	25	12	1526	1530	1515	20.5	0		
10	QPSK	25	12	1526	1530	1515				
10	QPSK	50	0	1526	1526	1526				
10	QPSK	50	0	1526	1526	1526	20.5	0		
10	QPSK	50	0	1526	1526	1526				
10	QPSK	1	0	1533	1524	1519				
10	QPSK	1	49	1533	1524	1519	20.5	0		
10	QPSK	1	49	1533	1524	1519				
10	QPSK	49	0	1536	1517	1516				
10	QPSK	49	0	1536	1517	1516	20.5	0		
10	QPSK	49	0	1536	1517	1516				
10	QPSK	25	0	1533	1533	1533				
10	QPSK	25	12	1533	1533	1533	20.5	0		
10	QPSK	25	12	1533	1533	1533				
10	QPSK	50	0	1533	1533	1533				
10	QPSK	50	0	1533	1533	1533	20.5	0		
10	QPSK	50	0	1533	1533	1533				
10	QPSK	1	0	1536	1536	1536				
10	QPSK	1	25	1536	1536	1536	20.5	0		
10	QPSK	1	25	1536	1536	1536				
10	QPSK	49	0	1537	1532	1532				
10	QPSK	49	0	1537	1532	1532	20.5	0		
10	QPSK	49	0	1537	1532	1532				
10	QPSK	25	0	1536	1536	1536				
10	QPSK	25	0	1536	1536	1536	20.5	0		
10	QPSK	25	0	1536	1536	1536				
10	QPSK	25	25	1536	1536	1536				
10	QPSK	25	25	1536	1536	1536	20.5	0		
10	QPSK	25	25	1536	1536	1536				
10	QPSK	50	0	1537	1537	1537				
10	QPSK	50	0	1537	1537	1537	10.5	1		
10	QPSK	50	0	1537	1537	1537				
Channel										
Frequency (MHz)										
5	QPSK	1	0	1525	1529	1523				
5	QPSK	1	49	1532	1534	1535	20.5	0		
5	QPSK	1	49	1532	1534	1535				
5	QPSK	1	24	1534	1531	1520				
5	QPSK	12	0	1521	1527	1517				
5	QPSK	12	0	1521	1527	1517	20.5	0		
5	QPSK	12	0	1521	1527	1517				
5	QPSK	25	0	1526	1526	1526				
5	QPSK	25	0	1526	1526	1526	20.5	0		
5	QPSK	25	0	1526	1526	1526				
5	QPSK	1	0	1533	1524	1519				
5	QPSK	1	49	1533	1524	1519	20.5	0		
5	QPSK	1	49	1533	1524	1519				
5	QPSK	74	0	1531	1524	1518				
5	QPSK	74	0	1531	1524	1518	20.5	0		
5	QPSK	74	0	1531	1524	1518				
5	QPSK	38	0	1536	1512	1514				
5	QPSK	38	0	1536	1512	1514	20.5	0		
5	QPSK	38	0	1536	1512	1514				
5	QPSK	38	39	1535	1521	1510				
5	QPSK	38	39	1535	1521	1510	20.5	0		
5	QPSK	38	39	1535	1521	1510				
5	QPSK	75	0	1532	1530	1511				
5	QPSK	75	0	1532	1530	1511	20.5	0		
5	QPSK	75	0	1532	1530	1511				
5	QPSK	1	0	1536	1536	1536				
5	QPSK	1	49	1536	1536	1536	20.5	0		
5	QPSK	1	49	1536	1536	1536				
5	QPSK	74	0	1532	1536	1536				
5	QPSK	74	0	1532	1536	1536	20.5	0		
5	QPSK	74	0	1532	1536	1536				
5	QPSK	38	0	1531	1531	1527				
5	QPSK	38	0	1531	1531	1527	20.5	0		
5	QPSK	38	0	1531	1531	1527				
5	QPSK	38	39	1533	1524	1518				
5	QPSK	38	39	1533	1524	1518	20.5	0		
5	QPSK	38	39	1533	1524	1518				
5	QPSK	75	0	1531	1530	1535				
5	QPSK	75	0	1531	1530	1535	20.5	0		
5	QPSK	75	0	1531	1530	1535				
5	QPSK	25	0	1536	1536	1536				
5	QPSK	25	0	1536	1536	1536	20.5			

LTE Band 43 Ant6 (3.7GHz Band) for FCC use										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./I	Power Middle Ch./I	Power High Ch./I	Tune-up limit (dBm)	MPR (dB)		
Channel				44190	44590	44990				
Frequency (MHz)				3610	3650	3690				
20	QPSK	1	0	22.69	22.72	22.67	24	0		
20	QPSK	1	49	22.60	22.68	22.65				
20	QPSK	1	99	22.68	22.63	22.69				
20	QPSK	50	0	21.78	21.88	21.66	23	1		
20	QPSK	50	24	21.79	21.87	21.61				
20	QPSK	50	50	21.86	21.85	21.79				
20	QPSK	100	0	21.77	21.85	21.79	23	1		
20	16QAM	1	0	21.43	21.65	21.65				
20	16QAM	1	49	21.73	21.60	21.75				
20	16QAM	1	99	21.70	21.64	21.72	22	2		
20	16QAM	50	0	20.83	20.77	20.75				
20	16QAM	50	24	20.63	20.80	20.78				
20	16QAM	50	50	20.86	20.62	20.79	22	2		
20	16QAM	100	0	20.74	20.60	20.63				
20	64QAM	1	0	20.80	20.83	20.86				
20	64QAM	1	49	20.96	20.94	20.78	22	2		
20	64QAM	1	99	20.66	20.95	20.91				
20	64QAM	50	0	19.86	19.75	19.60				
20	64QAM	50	24	19.91	19.75	19.79	21	3		
20	64QAM	50	50	19.78	19.75	19.62				
20	64QAM	100	0	19.67	19.82	19.67				
20	256QAM	1	0	17.79	17.71	17.83	19	5		
20	256QAM	1	49	17.85	17.80	17.56				
20	256QAM	1	99	17.73	17.66	17.65				
20	256QAM	50	0	17.93	17.77	17.83	19	5		
20	256QAM	50	24	17.69	17.84	17.62				
20	256QAM	50	50	17.75	17.69	17.83				
20	256QAM	100	0	17.92	17.78	17.73				
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3607.5	3650	3692.5				
15	QPSK	1	0	22.52	22.53	22.56	24	0		
15	QPSK	1	37	22.45	22.60	22.58				
15	QPSK	1	74	22.64	22.57	22.54				
15	QPSK	36	0	21.60	21.82	21.48	23	1		
15	QPSK	36	20	21.60	21.75	21.55				
15	QPSK	36	39	21.67	21.75	21.58				
15	QPSK	75	0	21.72	21.77	21.74	23	1		
15	16QAM	1	0	21.38	21.46	21.54				
15	16QAM	1	37	21.63	21.41	21.62				
15	16QAM	1	74	21.56	21.54	21.61	22	2		
15	16QAM	36	0	20.70	20.62	20.70				
15	16QAM	36	20	20.47	20.66	20.72				
15	16QAM	36	39	20.82	20.46	20.65	22	2		
15	16QAM	75	0	20.55	20.49	20.44				
15	64QAM	1	0	20.71	20.69	20.72				
15	64QAM	1	37	20.85	20.87	20.63	22	2		
15	64QAM	1	74	20.58	20.87	20.80				
15	64QAM	36	0	19.73	19.65	19.53				
15	64QAM	36	20	19.80	19.59	19.61	21	3		
15	64QAM	36	39	19.64	19.58	19.51				
15	64QAM	75	0	19.54	19.70	19.50				
15	256QAM	1	0	17.67	17.66	17.63	19	5		
15	256QAM	1	37	17.73	17.71	17.51				
15	256QAM	1	74	17.64	17.50	17.56				
15	256QAM	36	0	17.74	17.71	17.67	19	5		
15	256QAM	36	20	17.53	17.74	17.50				
15	256QAM	36	39	17.55	17.58	17.78				
15	256QAM	75	0	17.83	17.67	17.64				
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3605	3650	3695				
10	QPSK	1	0	22.55	22.54	22.57	24	0		
10	QPSK	1	25	22.44	22.56	22.51				
10	QPSK	1	49	22.59	22.52	22.51				
10	QPSK	25	0	21.61	21.75	21.52	23	1		
10	QPSK	25	12	21.66	21.82	21.57				
10	QPSK	25	25	21.68	21.70	21.57				
10	QPSK	50	0	21.64	21.77	21.73	23	1		
10	16QAM	1	0	21.31	21.56	21.54				
10	16QAM	1	25	21.64	21.48	21.59				
10	16QAM	1	49	21.62	21.56	21.54	22	2		
10	16QAM	25	0	20.68	20.71	20.68				
10	16QAM	25	12	20.43	20.61	20.67				
10	16QAM	25	25	20.67	20.57	20.70	22	2		
10	16QAM	50	0	20.61	20.42	20.55				
10	64QAM	1	0	20.70	20.79	20.79				
10	64QAM	1	25	20.86	20.84	20.64	22	2		
10	64QAM	1	49	20.50	20.88	20.73				
10	64QAM	25	0	19.74	19.66	19.48				
10	64QAM	25	12	19.86	19.60	19.64	21	3		
10	64QAM	25	25	19.73	19.58	19.43				
10	64QAM	50	0	19.53	19.74	19.50				
10	256QAM	1	0	17.69	17.53	17.69	19	5		
10	256QAM	1	25	17.70	17.68	17.51				
10	256QAM	1	49	17.64	17.62	17.48				
10	256QAM	25	0	17.79	17.65	17.70	19	5		
10	256QAM	25	12	17.52	17.76	17.49				
10	256QAM	25	25	17.66	17.61	17.68				
10	256QAM	50	0	17.76	17.71	17.61				
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3602.5	3650	3697.5				
5	QPSK	1	0	22.50	22.64	22.58	24	0		
5	QPSK	1	12	22.42	22.57	22.59				
5	QPSK	1	24	22.57	22.49	22.46				
5	QPSK	12	0	21.67	21.55	21.48	23	1		
5	QPSK	12	7	21.52	21.60	21.56				
5	QPSK	12	13	21.64	21.43	21.57				
5	QPSK	25	0	21.51	21.51	21.50	23	1		
5	16QAM	1	0	21.39	21.41	21.39				
5	16QAM	1	12	21.65	21.56	21.67				
5	16QAM	1	24	21.54	21.53	21.58	22	2		
5	16QAM	12	0	20.68	20.71	20.68				
5	16QAM	12	7	20.43	20.61	20.67				
5	16QAM	12	13	20.67	20.57	20.70	22	2		
5	16QAM	25	0	20.61	20.42	20.55				
5	64QAM	1	0	20.70	20.79	20.79				
5	64QAM	1	12	20.86	20.84	20.64	22	2		
5	64QAM	1	24	20.50	20.88	20.73				
5	64QAM	12	0	19.74	19.66	19.48				
5	64QAM	12	7	19.86	19.60	19.64	21	3		
5	64QAM	12	13	19.73	19.58	19.43				
5	64QAM	25	0	19.53	19.74	19.50				
5	256QAM	1	0	17.69	17.53	17.69	19	5		
5	256QAM	1	12	17.70	17.68	17.51				
5	256QAM	1	24	17.64	17.62	17.48				
5	256QAM	12	0	17.79	17.65	17.70	19	5		
5	256QAM	12	7	17.52	17.76	17.49				
5	256QAM	12	13	17.66	17.61	17.68				
5	256QAM	25	0	17.76	17.71	17.61				

Reduced Power Mode for DS12 Simultaneous												
<WCDMA>		WCDMA II Ant 1			WCDMA IV Ant 1			WCDMA V Ant 1				
Band		WCDMA II			WCDMA IV			WCDMA V				
TX Channel		9362	9400	9538	Tune-up Limit			Tune-up Limit				
Rx Channel		9662	9600	9698	1312			4132				
Frequency (MHz)		1852.4	1880	1907.6	1331			4357				
					1712.4			4364				
3GPP Rel 99		21.38	21.41	21.38	22.00			23.31				
3GPP Rel 99		21.41	21.43	21.38	22.00			23.34				
3GPP Rel 6		20.18	20.40	20.32	21.00			22.44				
3GPP Rel 6		20.11	20.35	20.28	21.00			22.25				
3GPP Rel 6		19.57	19.90	19.74	20.50			21.82				
3GPP Rel 6		19.75	19.69	19.87	20.50			21.88				
3GPP Rel 8		20.14	20.20	20.18	21.00			22.41				
3GPP Rel 8		20.15	20.23	20.32	21.00			22.46				
3GPP Rel 8		19.82	19.89	19.88	20.50			21.86				
3GPP Rel 8		19.80	19.80	19.98	20.50			21.84				
3GPP Rel 6		20.00	20.45	20.43	21.00			22.32				
3GPP Rel 6		18.24	18.49	18.23	19.00			20.27				
3GPP Rel 6		19.27	19.34	19.32	20.00			21.44				
3GPP Rel 6		18.22	18.28	18.38	19.00			20.45				
3GPP Rel 6		20.22	20.28	20.23	21.00			22.37				
3GPP Rel 7		17.74	17.75	17.72	18.50			19.97				

LTE Band 2 Ant1										
SV	Band	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Time Int. (sec)	MFR (dB)	SR
Channel 1800 1800 1800										
20	QPSK	1	0	2142	2148	2148				
20	QPSK	1	49	2132	2132	2132		22.5	0	
20	QPSK	1	98	2138	2137	2133				
20	QPSK	90	0	2141	2142	2138				
20	QPSK	90	24	2132	2135	2131		22.5	0	
20	QPSK	90	50	2132	2138	2133				
20	QPSK	100	0	2131	2140	2135				
20	16QAM	1	0	2109	2129	2107		22.5	0	
20	16QAM	49	2138	2138	2138					
20	16QAM	99	2117	2120	2118					
20	16QAM	99	0	2134	2134	2129		22.5	0	
20	16QAM	25	2137	2134	2137			22.5	0	
20	16QAM	50	2111	2130	2127					
20	16QAM	100	0	2109	2131	2120				
20	64QAM	1	0	2130	2126	2086		22.5	0	
20	64QAM	1	49	2103	2106	2120				
20	64QAM	1	99	2135	2133	2138				
20	64QAM	50	0	2042	2048	2042		21.5	1	
20	64QAM	99	24	2038	2052	2037				
20	64QAM	50	50	2040	2030	2048				
20	64QAM	100	0	2042	2044	2042				
20	256QAM	1	49	1831	1836	1846		19.5	3	
20	256QAM	1	99	1831	1832	1834				
20	256QAM	99	0	1843	1840	1834		19.5	3	
20	256QAM	99	24	1830	1835	1844				
20	256QAM	99	50	1834	1838	1834				
20	256QAM	100	0	1831	1836	1835				
Channel 1800 1800 1800										
15	QPSK	1	0	2137	2142	2132		22.5	0	
15	QPSK	98	2137	2137	2138					
15	QPSK	1	74	2129	2116	2126				
15	QPSK	98	0	2134	2134	2124		22.5	0	
15	QPSK	98	25	2114	2106	2120				
15	QPSK	98	50	2121	2120	2121				
15	QPSK	75	0	2112	2135	2118				
15	16QAM	1	0	2100	2119	2103		22.5	0	
15	16QAM	1	21	2108	2108	2122				
15	16QAM	1	74	2033	2031	2039				
15	16QAM	36	0	2117	2115	2111		22.5	0	
15	16QAM	36	21	2104	2112	2099				
15	16QAM	36	39	2104	2087	2108				
15	16QAM	75	0	2101	2118	2114				
15	64QAM	1	0	2130	2107	2084		22.5	0	
15	64QAM	1	27	2088	2094	2111				
15	64QAM	1	74	2115	2114	2119				
15	64QAM	36	0	2035	2036	2036		21.5	1	
15	64QAM	36	20	2026	2042	2042				
15	64QAM	36	39	2034	2032	2032				
15	64QAM	75	0	2038	2032	2037				
15	256QAM	1	37	1846	1846	1838		19.5	3	
15	256QAM	1	37	1840	1845	1834				
15	256QAM	1	74	1830	1836	1842				
15	256QAM	99	0	1834	1830	1844		19.5	3	
15	256QAM	99	25	1834	1830	1833				
15	256QAM	99	39	1835	1812	1848				
15	256QAM	25	0	1835	1830	1840				
Channel 1800 1800 1800										
10	QPSK	1	0	2124	2141	2134		22.5	0	
10	QPSK	1	49	2127	2113	2128				
10	QPSK	25	0	2134	2132	2129		22.5	0	
10	QPSK	25	12	2125	2126	2118				
10	QPSK	25	26	2118	2120	2119				
10	QPSK	90	0	2121	2122	2123		22.5	0	
10	16QAM	1	0	2096	2117	2094				
10	16QAM	1	25	2099	2110	2125				
10	16QAM	1	49	2104	2110	2113				
10	16QAM	25	0	2107	2120	2118		22.5	0	
10	16QAM	25	12	2106	2108	2111				
10	16QAM	25	25	2093	2093	2110				
10	16QAM	50	0	2097	2115	2115				
10	64QAM	1	25	2095	2101	2112		22.5	0	
10	64QAM	1	49	2118	2109	2113				
10	64QAM	25	0	2034	2034	2027		21.5	1	
10	64QAM	25	0	2028	2047	2045				
10	64QAM	25	25	2033	2033	2040				
10	64QAM	50	0	2036	2034	2026				
10	256QAM	1	37	1832	1830	1834		19.5	3	
10	256QAM	1	25	1847	1840	1834				
10	256QAM	1	49	1841	1833	1842				
10	256QAM	25	0	1840	1847	1846		19.5	3	
10	256QAM	25	12	1836	1849	1839				
10	256QAM	25	25	1815	1820	1836				
10	256QAM	50	0	1832	1831	1845				
Channel 1800 1800 1800										
5	QPSK	1	0	2126	2141	2133		22.5	0	
5	QPSK	1	21	2113	2113	2117				
5	QPSK	1	24	2127	2112	2118				
5	QPSK	12	0	2135	2139	2129		22.5	0	
5	QPSK	12	21	2127	2118	2118				
5	QPSK	12	13	2121	2134	2118				
5	QPSK	25	0	2119	2128	2130				
5	16QAM	1	0	2096	2111	2102		22.5	0	
5	16QAM	1	12	2092	2108	2122				
5	16QAM	1	24	2091	2106	2108				
5	16QAM	12	0	2111	2117	2114		22.5	0	
5	16QAM	12	0	2109	2118	2112				
5	16QAM	12	13	2102	2088	2114				
5	16QAM	25	0	2090	2121	2112				
5	16QAM	25	12	2107	2091	2107				
5	16QAM	1	12	2036	2035	2111		22.5	0	
5	64QAM	1	24	2112	2107	2113				
5	64QAM	12	0	2036	2031	2031		21.5	1	
5	64QAM	12	0	2030	2035	2041				
5	64QAM	12	13	2020	2016	2038				
5	64QAM	25	0	2034	2037	2039				
5	256QAM	1	18	1834	1832	1835		19.5	3	
5	256QAM	1	12	1833	1833	1834				
5	256QAM	1	24	1833	1834	1847				
5	256QAM	12	0	1837	1834	1836		19.5	3	
5	256QAM	12	7	1821	1835	1831				
5	256QAM	12	13	1818	1819	1849				
5	256QAM	25	0	1812	1830	1848				
Channel 1800 1800 1800										
14	QPSK	1	0	2130	2141	2129		22.5	0	
14	QPSK	1	4	2127	2128	2118				
14	QPSK	1	5	2121	2118	2122		22.5	0	
14	QPSK	3	0	2122	2126	2129				
14	QPSK	3	1	2128	2109	2121				
14	QPSK	3	3	2127	2131	2121				
14	QPSK	6	0	2118	2135	2130		22.5	0	
14	16QAM	1	2102	2125	2098					
14	16QAM	1	5	2093	2106	2123				
14	16QAM	1	6	2093	2114	2102		22.5	0	
14	16QAM	1	0	2106	2108	2114				
14	16QAM	1	0	2109	2113	2099				
14	16QAM	3	3	2106	2083	2110				
14	16QAM	6	0	2101	2122	2115		22.5	0	
14	16QAM	6	1	2111	2108	2098				
14	16QAM	1	3	2038	2034	2101				
14	16QAM	1	5	2110	2118	2110		22.5	0	
14	16QAM	1	2106	2103	2120					
14	64QAM	1	3	2123	2132	2125				
14	64QAM	3	3	2129	2115	2120				
14	64QAM	6	0	2016	2017	2015		21.5	1	
14	256QAM	1	0	1839	1847	1840		19.5	3	
14	256QAM	1	5	1836	1844	1848				
14	256QAM	1	1	1834	1831	1835				
14	256QAM	3	1	1818	1837	1840				
14	256QAM	3	3	1818	1822	1844				
14	256QAM	6	0	1835	1818	1848		19.5	3	

LTE Band 4 Ant1										
SV	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Time-int. (sec)	MFR (dB)	SR	
Channel 1720 1720.5 1726										
20	QPSK	1	0	23.31	23.33	23.27	24.5	0		
20	QPSK	1	49	23.29	23.25	23.23				
20	QPSK	1	98	23.29	23.23	23.20				
20	QPSK	50	0	22.45	22.46	22.38	23.5	1		
20	QPSK	50	24	22.40	22.35	22.28				
20	QPSK	50	49	22.32	22.28	22.21				
20	16QAM	1	0	22.76	22.70	22.80	23.5	1		
20	16QAM	1	49	22.70	22.74	22.78				
20	16QAM	1	98	22.74	22.64	22.61				
20	16QAM	50	0	21.37	21.42	21.38	22.5	2		
20	16QAM	50	24	21.42	21.45	21.35				
20	16QAM	50	49	21.38	21.47	21.34				
20	16QAM	100	0	21.41	21.28	21.27	22.5	2		
20	16QAM	100	24	21.27	21.37	21.28				
20	16QAM	100	49	21.27	21.37	21.68				
20	64QAM	1	0	21.47	21.40	21.50	22.5	2		
20	64QAM	1	49	21.43	21.40	21.50				
20	64QAM	1	98	21.40	21.47	21.50				
20	64QAM	50	0	20.37	20.48	20.64	21.5	3		
20	64QAM	50	24	20.42	20.55	20.69				
20	64QAM	50	49	20.42	20.55	20.69				
20	64QAM	100	0	20.31	20.55	20.48	19.5	5		
20	64QAM	100	24	19.38	19.43	19.52				
20	64QAM	100	49	19.38	19.34	19.52				
20	256QAM	1	0	18.54	18.50	18.59	19.5	5		
20	256QAM	1	49	18.55	18.49	18.43				
20	256QAM	1	98	18.48	18.52	18.44				
20	256QAM	50	0	18.62	18.53	18.55	19.5	5		
20	256QAM	50	24	18.59	18.53	18.55				
20	256QAM	50	49	18.59	18.53	18.55				
Channel 1720 1720.5 1726										
15	QPSK	1	0	23.23	23.24	23.21	24.5	0		
15	QPSK	1	37	23.11	23.27	23.08				
15	QPSK	1	74	23.18	23.23	23.14				
15	QPSK	36	0	22.92	22.49	22.91	24.5	0		
15	QPSK	36	20	22.21	22.48	22.27				
15	QPSK	36	58	22.13	22.37	22.25				
15	16QAM	1	0	22.58	22.54	22.69	23.5	1		
15	16QAM	1	37	22.51	22.61	22.49				
15	16QAM	1	74	22.54	22.61	22.58				
15	16QAM	36	0	21.90	21.35	21.21	22.5	2		
15	16QAM	36	20	21.29	21.40	21.16				
15	16QAM	36	58	21.18	21.28	21.06				
15	16QAM	75	0	21.20	21.32	21.24	22.5	2		
15	16QAM	75	0	21.27	21.34	21.51				
15	16QAM	75	0	21.27	21.34	21.51				
15	64QAM	1	0	20.23	20.30	20.44	21.5	3		
15	64QAM	36	20	20.24	20.28	20.43				
15	64QAM	75	0	20.18	20.40	20.37				
15	256QAM	1	0	18.26	18.32	18.44	19.5	5		
15	256QAM	1	37	18.29	18.50	18.49				
15	256QAM	1	74	18.32	18.52	18.44				
15	256QAM	36	0	18.36	18.33	18.44	19.5	5		
15	256QAM	36	20	18.45	18.40	18.34				
15	256QAM	36	58	18.45	18.45	18.34				
15	256QAM	75	0	18.48	18.44	18.46	19.5	5		
15	256QAM	75	0	18.48	18.44	18.46				
15	256QAM	75	0	18.48	18.44	18.46				
Channel 1720 1720.5 1726										
10	QPSK	1	0	23.00	23.02	23.04	24.5	0		
10	QPSK	1	25	23.21	23.20	23.21				
10	QPSK	1	49	23.10	23.15	23.13				
10	QPSK	1	74	23.20	23.25	23.25	24.5	0		
10	QPSK	25	12	22.97	22.38	22.33				
10	QPSK	25	25	22.90	22.28	22.22				
10	QPSK	25	38	22.91	22.42	22.33	23.5	1		
10	QPSK	25	51	22.96	22.61	22.61				
10	QPSK	25	64	22.94	22.69	22.44				
10	16QAM	1	0	22.41	22.71	22.68	23.5	1		
10	16QAM	1	49	22.41	22.71	22.68				
10	16QAM	1	98	22.41	22.71	22.68				
10	16QAM	25	12	21.28	21.38	21.22	22.5	2		
10	16QAM	25	25	21.08	21.31	21.12				
10	16QAM	25	38	21.05	21.60	21.21				
10	16QAM	1	0	21.38	21.37	21.60	22.5	2		
10	16QAM	1	25	21.37	21.25	21.45				
10	16QAM	1	49	21.42	21.45	21.58				
10	16QAM	25	0	20.31	20.43	20.49	21.5	3		
10	16QAM	25	12	20.34	20.34	20.46				
10	16QAM	25	25	20.33	20.36	20.37				
10	16QAM	25	38	20.32	20.42	20.35	21.5	3		
10	256QAM	1	0	18.30	18.41	18.38				
10	256QAM	1	49	18.45	18.49	18.41				
10	256QAM	1	98	18.45	18.49	18.41	19.5	5		
10	256QAM	25	0	18.47	18.34	18.33				
10	256QAM	25	12	18.37	18.38	18.27				
10	256QAM	25	25	18.44	18.45	18.38	19.5	5		
10	256QAM	25	38	18.42	18.45	18.38				
10	256QAM	25	51	18.32	18.35	18.36				
Channel 1720 1720.5 1726										
5	QPSK	1	0	19.23	19.25	19.26	24.5	0		
5	QPSK	1	12	21.29	21.30	21.19				
5	QPSK	1	24	21.02	21.19	21.19				
5	QPSK	1	37	21.08	21.25	21.24	24.5	0		
5	QPSK	12	7	22.24	22.21	22.29				
5	QPSK	12	13	21.18	21.32	22.30				
5	16QAM	1	0	22.00	22.04	22.04	23.5	1		
5	16QAM	1	12	22.58	22.68	22.50				
5	16QAM	1	24	22.34	22.76	22.49				
5	16QAM	1	37	21.18	21.25	21.31	23.5	1		
5	16QAM	12	7	21.27	21.28	21.04				
5	16QAM	12	13	21.17	21.40	21.04				
5	16QAM	1	0	21.41	21.40	21.58	22.5	2		
5	16QAM	1	12	21.29	21.29	21.42				
5	16QAM	1	24	21.28	21.42	21.42				
5	16QAM	12	0	20.28	20.44	20.53	21.5	3		
5	16QAM	12	13	20.38	20.35	20.45				
5	16QAM	12	25	20.35	20.45	20.45				
5	256QAM	1	0	18.27	18.30	18.43	19.5	5		
5	256QAM	1	12	18.43	18.53	18.46				
5	256QAM	1	24	18.22	18.24	18.46				
5	256QAM	12	0	18.44	18.40	18.36	19.5	5		
5	256QAM	12	13	18.44	18.25	18.40				
5	256QAM	12	25	18.44	18.30	18.32				
Channel 1720 1720.5 1726										
3	QPSK	1	0	21.11	21.23	21.35	24.5	0		
3	QPSK	1	14	21.12	21.28	21.15				
3	QPSK	1	28	21.27	21.48	21.21				
3	QPSK	8	7	22.26	22.37	22.34	23.5	1		
3	QPSK	8	7	22.24	22.38	22.28				
3	QPSK	16	0	22.34	22.20	22.23				
3	16QAM	1	0	22.59	22.56	22.68	23.5	1		
3	16QAM	1	8	22.54	22.54	22.48				
3	16QAM	1	14	22.56	22.68	22.44				
3	16QAM	8	4	21.35	21.31	21.22	22.5	2		
3	16QAM	8	7	21.19	21.30	21.15				
3	16QAM	8	14	21.20	21.31	21.17				
3	16QAM	1	0	21.30	21.48	21.52	22.5	2		
3	16QAM	1	8	21.33	21.21	21.42				
3	16QAM	1	14	21.45	21.50	21.38				
3	16QAM	8	4	20.27	20.38	20.42	21.5	3		
3	16QAM	8	7	20.42	20.42	20.45				
3	16QAM	8	14	20.42	20.48	20.43				
3	256QAM	1	0	18.23	18.30	18.48	19.5	5		
3	256QAM	1	8	18.41	18.48	18.41				
3	256QAM	1	14	18.48	18.27	18.44				
3	256QAM	8	4	18.30	18.39	18.33	19.5	5		
3	256QAM	8	4	18.38	18.29	18.24				
3	256QAM	8	7	18.38	18.26	18.51				
Channel 1720 1720.5 1726										
1.4	QPSK	1	0	19.67	19.72	19.73	24.5	0		
1.4	QPSK	1	3	21.18	21.18	21.15				
1.4	QPSK	1	5	20.91	21.25	21.17				
1.4	QPSK	3	0	23.23	23.22	23.10	24.5	0		
1.4	QPSK	3	3	23.24	23.25	23.11				
1.4	QPSK	3	3	23.18	23.15	23.15				
1.4	QPSK	6	0	22.68	22.35	22.24	23.5	1		
1.4	QPSK	6	0	22.68	22.35	22.24				
1.4	QPSK	6	0	22.68	22.35	22.24				
1.4	16QAM	1	0	22.10	22.13	22.12	23.5	1		
1.4	16QAM	1	5	22.20	22.11	22.18				
1.4	16QAM	1	5	22.28	22.10	22.12				
1.4	16QAM	3	0	21.27	21.20	21.53	22.5	2		
1.4	16QAM	3	3	21.00	21.21	21.04				
1.4	16QAM	3	3	21.15	20.98	21.03				
1.4	16QAM	6	0	21.22	21.04	21.35	22.5	2		
1.4	16QAM	6	0	20.98	20.23	20.47				
1.4	16QAM	6	0	20.98	20.23	20.47				
1.4	256QAM	1	0	18.56	18.50	18.40	19.5	5		
1.4	256QAM	1	5	18.46	18.46	18.60				
1.4	256QAM	1	5	18.46	18.46	18.60				
1.4	256QAM	3	0	18.44	18.42	18.35	19.5	5		
1.4	256QAM	3	3	18.42	18.42	18.35				
1.4	256QAM	3	3	18.42	18.42	18.35				

LTE Band 12 Ant1													
BSF (MHz)	Modulation	BS Size	BS Offset	Power Low (W)	Power High (W)	Power High (W)	Time-up (min)	MFR (dB)					
Channel													
Frequency (MHz)													
10	QPSK	1	0	24.05	24.10	24.01	25	0					
10	QPSK	1	25	23.84	24.05	23.83							
10	QPSK	1	49	23.84	23.92	23.86							
10	QPSK	25	0	23.12	23.18	23.14							
10	QPSK	25	12	22.07	22.01	22.02	24	1					
10	QPSK	25	25	22.05	22.06	22.02							
10	QPSK	50	0	22.99	23.13	22.93							
10	QPSK	1	0	24.14	24.31	24.11							
10	16QAM	1	25	23.31	23.27	23.31	23	2					
10	16QAM	1	49	23.13	23.21	23.43							
10	16QAM	25	0	21.84	22.03	22.05							
10	16QAM	25	12	22.20	21.96	21.87							
10	16QAM	25	25	22.14	21.99	22.12	23	2					
10	16QAM	50	0	22.06	22.15	21.94							
10	16QAM	1	0	22.27	22.24	22.38							
10	16QAM	1	25	22.19	22.06	22.15							
10	16QAM	1	49	22.25	22.36	22.23	22	3					
10	16QAM	25	0	21.18	21.06	21.08							
10	16QAM	25	12	21.05	20.86	21.11							
10	16QAM	25	25	20.93	21.14	20.98							
10	256QAM	1	0	19.01	19.13	19.17	20	5					
10	256QAM	1	25	19.13	19.11	19.04							
10	256QAM	1	49	19.23	19.14	19.30							
10	256QAM	25	0	19.17	19.09	19.12							
10	256QAM	25	12	19.07	19.01	19.06	20	5					
10	256QAM	25	25	19.06	19.26	19.09							
10	256QAM	50	0	19.14	19.22	19.06							
10	256QAM	50	0	19.14	19.22	19.06							
Channel													
Frequency (MHz)													
5	QPSK	1	0	23.98	23.96	23.95	25	0					
5	QPSK	1	12	23.12	23.07	23.08							
5	QPSK	1	24	23.79	23.79	23.72							
5	QPSK	12	0	22.26	22.10	22.26							
5	QPSK	12	7	22.77	22.81	22.86	24	1					
5	QPSK	12	13	22.86	22.90	22.79							
5	QPSK	25	0	22.77	22.98	22.83							
5	16QAM	1	0	22.02	22.15	22.07							
5	16QAM	1	12	22.26	22.07	22.12	24	1					
5	16QAM	1	24	22.07	22.15	22.36							
5	16QAM	12	0	21.79	21.86	21.92							
5	16QAM	12	7	21.82	21.84	21.93							
5	16QAM	12	13	21.97	22.02	22.09	23	2					
5	16QAM	25	0	21.87	22.10	21.89							
5	16QAM	1	0	22.11	22.10	22.31							
5	16QAM	1	12	22.12	22.00	22.04							
5	16QAM	1	24	22.15	22.23	22.24	23	2					
5	16QAM	12	0	22.05	22.10	22.05							
5	16QAM	12	13	22.00	22.08	22.04							
5	16QAM	12	0	21.96	21.96	22.04							
5	16QAM	12	7	21.92	21.91	21.95	22	3					
5	16QAM	12	13	21.92	21.91	21.95							
5	16QAM	25	0	21.11	21.22	21.16							
5	16QAM	25	0	21.11	21.22	21.16							
Channel													
Frequency (MHz)													
3	QPSK	1	0	23.99	23.96	23.95	25	0					
3	QPSK	1	8	23.85	23.94	23.79							
3	QPSK	1	14	23.77	23.72	23.75							
3	QPSK	8	0	23.02	23.04	22.95							
3	QPSK	8	4	22.82	22.89	22.91	24	1					
3	QPSK	8	7	22.88	22.98	22.79							
3	QPSK	15	0	22.82	22.94	22.75							
3	16QAM	1	0	22.05	22.23	22.02							
3	16QAM	1	8	22.23	22.22	22.04	24	1					
3	16QAM	1	14	22.09	22.11	22.13							
3	16QAM	8	0	21.83	21.90	21.91							
3	16QAM	8	4	22.03	22.07	22.07							
3	16QAM	8	7	22.09	21.94	21.96	23	2					
3	16QAM	15	0	21.89	21.94	21.84							
3	16QAM	1	0	22.23	22.16	22.19							
3	16QAM	1	8	22.13	21.98	22.09							
3	16QAM	1	14	22.10	22.16	22.10	22	3					
3	16QAM	8	0	21.03	20.94	20.89							
3	16QAM	8	4	20.88	20.83	21.07							
3	16QAM	15	0	20.85	20.13	21.02							
3	256QAM	1	0	19.84	19.86	19.81	20	5					
3	256QAM	1	8	19.84	19.85	19.81							
3	256QAM	1	14	19.83	19.83	19.83							
3	256QAM	8	0	19.87	19.86	19.84							
3	256QAM	8	4	19.85	19.86	19.81	20	5					
3	256QAM	8	7	19.85	19.82	19.84							
3	256QAM	15	0	19.77	19.87	19.87							
3	256QAM	15	0	19.77	19.87	19.87							
Channel													
Frequency (MHz)													
1.4	QPSK	1	0	24.00	24.06	24.04	25	0					
1.4	QPSK	1	3	23.86	23.97	23.73							
1.4	QPSK	1	5	23.71	23.81	23.67							
1.4	QPSK	3	0	23.87	23.87	23.83							
1.4	QPSK	1	1	23.70	23.89	23.82	24	1					
1.4	QPSK	3	3	23.76	23.83	23.75							
1.4	QPSK	6	0	22.91	22.97	22.86							
1.4	16QAM	1	0	22.04	22.78	22.78							
1.4	16QAM	1	3	22.03	22.87	22.83	24	1					
1.4	16QAM	1	5	22.76	22.83	22.59							
1.4	16QAM	3	0	22.98	23.18	22.91							
1.4	16QAM	3	1	22.18	22.19	22.24							
1.4	16QAM	3	3	22.97	22.94	23.17	23	2					
1.4	16QAM	6	0	21.76	21.84	21.73							
1.4	16QAM	1	0	21.99	21.72	21.59							
1.4	16QAM	1	3	22.02	21.83	21.86							
1.4	16QAM	1	5	21.82	21.91	21.79	23	2					
1.4	16QAM	3	0	22.13	22.10	22.09							
1.4	16QAM	3	1	22.02	21.80	21.86							
1.4	16QAM	3	3	21.94	22.12	21.96							
1.4	16QAM	6	0	20.87	20.77	20.72	22	3					
1.4	256QAM	1	0	19.00	19.04	19.00							
1.4	256QAM	1	3	19.06	19.03	19.07							
1.4	256QAM	1	5	19.19	19.00	19.14							
1.4	256QAM	3	0	19.23	19.03	19.10	20	5					
1.4	256QAM	3	1	19.32	19.07	19.30							
1.4	256QAM	3	3	19.38	19.07	19.30							
1.4	256QAM	3	5	19.45	19.03	19.36							

LTE Band 26 Ant1									
SV (MHz)	Modulate	RB Size	RB Offset	Power Low Ch /	Power Mod Ch /	Power High Ch /	Time Slot (ms)	MFR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.83	23.85	23.82	25	0	
15	QPSK	1	0	23.75	23.74	23.87			
15	QPSK	1	74	23.88	23.90	23.87			
15	QPSK	36	0	22.82	22.85	22.78			
15	QPSK	36	24	22.74	22.85	22.85	24	1	
15	QPSK	36	24	22.84	22.85	22.79			
15	QPSK	75	0	22.76	22.76	22.88			
15	16QAM	1	0	22.72	22.69	23.08			
15	16QAM	1	0	23.03	22.97	22.90	24	1	
15	16QAM	1	74	23.17	23.03	23.31			
15	16QAM	36	0	21.93	21.88	21.73			
15	16QAM	36	24	21.83	21.88	21.79	23	2	
15	16QAM	36	24	21.76	21.93	21.94			
15	16QAM	75	0	21.73	21.74	22.04			
15	8QAM	1	0	22.27	22.22	22.24			
15	8QAM	1	27	22.11	22.18	22.20	23	2	
15	8QAM	1	74	22.15	22.06	22.21			
15	8QAM	36	0	20.84	20.91	20.87			
15	8QAM	36	24	21.07	21.01	21.04			
15	8QAM	36	24	20.90	20.79	20.90	22	3	
15	8QAM	75	0	20.98	20.92	21.03			
15	256QAM	1	0	18.49	18.49	18.42			
15	256QAM	1	37	18.38	18.16	18.18	20	5	
15	256QAM	1	74	18.34	18.08	18.17			
15	256QAM	36	0	18.83	18.83	18.85			
15	256QAM	36	24	18.46	18.79	18.20	20	5	
15	256QAM	36	24	18.80	18.34	18.82			
15	256QAM	75	0	18.49	18.79	18.75			
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.88	23.86	23.85	25	0	
10	QPSK	1	0	23.17	23.17	23.19			
10	QPSK	1	49	23.57	23.84	23.73			
10	QPSK	25	0	22.71	22.87	22.88			
10	QPSK	25	12	22.84	22.84	22.85	24	1	
10	QPSK	25	12	22.71	22.85	22.83			
10	QPSK	50	0	22.84	22.90	22.83			
10	16QAM	1	0	22.83	22.82	22.99			
10	16QAM	1	0	22.08	22.78	22.83	24	1	
10	16QAM	1	49	23.10	22.85	22.82			
10	16QAM	25	0	21.84	21.77	21.83			
10	16QAM	25	12	21.75	21.84	21.74			
10	16QAM	25	25	21.82	21.78	21.97	23	2	
10	16QAM	50	0	21.57	21.82	21.82			
10	8QAM	1	0	22.16	22.07	22.07			
10	8QAM	1	25	21.97	22.10	22.12	23	2	
10	8QAM	1	49	21.98	22.03	22.11			
10	8QAM	25	0	20.71	20.81	20.71			
10	8QAM	25	12	20.68	20.85	20.86			
10	8QAM	25	25	20.81	20.82	20.80	22	3	
10	8QAM	50	0	20.83	20.78	20.85			
10	8QAM	50	12	18.36	18.36	18.34			
10	256QAM	1	25	18.85	18.04	18.05	20	5	
10	256QAM	1	49	18.80	18.00	18.00			
10	256QAM	25	0	18.35	18.35	18.37			
10	256QAM	25	12	18.35	18.88	18.30	20	5	
10	256QAM	25	25	18.55	18.37	18.45			
10	256QAM	50	0	18.37	18.71	18.81			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.72	23.87	23.84	25	0	
5	QPSK	1	24	23.51	23.70	23.77			
5	QPSK	12	0	22.75	22.86	22.88			
5	QPSK	12	0	22.86	22.78	22.81	24	1	
5	QPSK	13	27	22.78	22.88	22.80			
5	QPSK	25	0	22.81	22.90	22.74			
5	16QAM	1	0	22.83	22.81	23.00			
5	16QAM	1	12	22.81	22.78	22.84	24	1	
5	16QAM	1	24	21.12	20.90	20.76			
5	16QAM	12	0	21.78	21.70	21.67			
5	16QAM	12	0	21.74	21.70	21.65			
5	16QAM	12	13	21.72	21.87	21.90	23	2	
5	16QAM	25	0	21.80	21.85	21.85			
5	8QAM	1	0	22.12	22.05	22.12			
5	8QAM	1	12	22.04	22.09	22.09	23	2	
5	8QAM	1	24	22.09	22.04	22.01			
5	8QAM	12	0	20.77	20.76	20.87			
5	8QAM	12	0	21.07	20.92	20.88	22	3	
5	8QAM	12	13	20.86	20.82	20.79			
5	8QAM	25	0	20.87	20.87	20.92			
5	256QAM	1	10	18.35	18.35	18.36			
5	256QAM	1	10	18.79	18.02	18.11	20	5	
5	256QAM	1	24	18.88	18.88	18.09			
5	256QAM	1	0	18.87	18.47	18.41			
5	256QAM	12	7	18.34	18.71	18.41	20	5	
5	256QAM	12	13	18.42	18.37	18.48			
5	256QAM	25	0	18.43	18.74	18.55			
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.73	23.83	23.83	25	0	
3	QPSK	1	0	23.16	23.16	23.15			
3	QPSK	1	14	23.33	23.84	23.79			
3	QPSK	6	0	22.86	22.85	22.81			
3	QPSK	6	0	22.89	22.81	22.77	24	1	
3	QPSK	6	7	22.77	22.85	22.75			
3	QPSK	16	0	22.80	22.86	22.83			
3	16QAM	1	0	22.88	22.81	22.87			
3	16QAM	1	0	22.93	22.71	22.81	24	1	
3	16QAM	1	14	23.08	22.96	22.74			
3	16QAM	6	0	21.87	21.83	21.85			
3	16QAM	6	0	21.74	21.74	21.64			
3	16QAM	6	7	21.80	21.78	21.87	23	2	
3	16QAM	15	0	21.82	21.85	21.82			
3	8QAM	1	0	22.19	22.10	22.19			
3	8QAM	1	6	22.04	22.10	22.15	23	2	
3	8QAM	1	14	22.04	21.98	22.09			
3	8QAM	6	0	20.71	20.75	20.72			
3	8QAM	6	0	20.93	20.88	20.89	22	3	
3	8QAM	6	7	20.93	20.88	20.75			
3	8QAM	15	0	20.87	20.82	20.84			
3	256QAM	1	10	18.39	18.01	18.06			
3	256QAM	1	14	18.87	18.81	18.99	20	5	
3	256QAM	1	0	18.46	18.47	18.46			
3	256QAM	6	4	18.40	18.85	18.31	20	5	
3	256QAM	6	7	18.53	18.40	18.54			
3	256QAM	15	0	18.51	18.72	18.58			
Channel									
Frequency (MHz)									
14	QPSK	1	0	23.74	23.85	23.83	25	0	
14	QPSK	1	0	23.14	23.17	23.15			
14	QPSK	1	6	23.84	23.86	23.79			
14	QPSK	3	0	23.89	23.79	23.73			
14	QPSK	3	0	23.86	23.80	23.89			
14	QPSK	3	3	23.58	23.84	23.76			
14	QPSK	6	0	22.52	22.89	22.45	24	1	
14	16QAM	1	0	22.86	22.75	22.89			
14	16QAM	1	0	22.98	22.88	22.89			
14	16QAM	1	6	22.40	22.88	22.75	24	1	
14	16QAM	3	0	22.53	22.75	22.87			
14	16QAM	3	0	22.85	22.85	22.76			
14	16QAM	3	3	22.87	22.84	22.76			
14	16QAM	6	0	21.68	21.68	21.58	23	2	
14	8QAM	1	0	22.00	22.70	22.48			
14	8QAM	1	3	21.43	21.59	21.89			
14	8QAM	1	6	21.55	21.58	21.73	23	2	
14	8QAM	1	0	21.27	21.39	22.13			
14	8QAM	3	0	21.90	21.94	22.07			
14	8QAM	3	0	21.87	21.80	21.82			
14	8QAM	3	3	21.87	21.80	21.82	22	3	
14	256QAM	1	0	18.80	18.81	18.07			
14	256QAM	1	6	18.86	18.86	18.53			
14	256QAM	1	6	18.80	18.51	18.51	20	5	
14	256QAM	3	0	18.39	18.39	18.33			
14	256QAM	3	3	18.48	18.34	18.53			
14	256QAM	6	0	18.40	18.40	18.47	20	5	

LTE Band 66 Ant1									
SV (MHz)	Modulate	RB Size	RB Offset	Power Low Ch /	Power Mod Ch /	Power High Ch /	Time-slot (ms)	spurs (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.30	23.35	23.21	24.5	0	
20	QPSK	1	49	23.02	23.19	23.03			
20	QPSK	1	99	23.26	23.29	23.22			
20	QPSK	50	0	22.34	22.38	22.11			
20	QPSK	50	24	22.19	22.37	22.19	23.5	1	
20	QPSK	50	50	22.18	22.30	22.12			
20	QPSK	100	0	22.44	22.58	22.26			
20	QPSK	100	50	22.31	22.45	22.21			
20	16QAM	1	49	22.51	22.60	22.54	23.5	1	
20	16QAM	1	99	22.48	22.34	22.63			
20	16QAM	50	0	21.46	21.33	21.51			
20	16QAM	50	24	21.33	21.30	21.42	23.5	2	
20	16QAM	50	50	21.18	21.24	21.42			
20	16QAM	100	0	21.46	21.33	21.51			
20	16QAM	1	0	21.30	21.31	21.48			
20	16QAM	1	49	21.35	21.43	21.14	23.5	2	
20	16QAM	1	99	21.38	21.42	21.19			
20	16QAM	50	0	20.51	20.48	20.57			
20	16QAM	50	24	20.45	20.48	20.51	23.5	3	
20	16QAM	50	50	20.48	20.25	20.51			
20	16QAM	100	0	20.50	20.48	20.51			
20	256QAM	1	0	19.51	19.50	19.50			
20	256QAM	1	49	19.49	19.67	19.53	19.5		
20	256QAM	1	99	19.50	19.49	19.50			
20	256QAM	50	0	19.26	19.41	19.31			
20	256QAM	50	24	19.41	19.32	19.38	19.5		
20	256QAM	50	50	19.50	19.49	19.50			
20	256QAM	100	0	19.50	19.49	19.50			
Channel									
Frequency (MHz)									
15	QPSK	1	37	22.97	23.05	22.88	24.5	0	
15	QPSK	1	74	23.18	23.21	23.08			
15	QPSK	50	0	22.91	22.96	22.92			
15	QPSK	50	20	22.98	22.28	22.12	23.5	1	
15	QPSK	50	39	22.91	22.18	22.08			
15	QPSK	75	0	22.94	22.17	22.07			
15	QPSK	75	20	22.95	22.32	22.21	23.5	1	
15	16QAM	1	37	22.32	22.49	22.49	23.5	1	
15	16QAM	1	74	22.39	22.26	22.38			
15	16QAM	50	0	21.88	21.14	21.07	23.5	2	
15	16QAM	36	20	21.18	21.24	21.05			
15	16QAM	36	59	21.05	21.24	21.21	23.5	2	
15	16QAM	72	0	21.11	21.18	21.28			
15	16QAM	1	0	21.11	21.18	21.28			
15	16QAM	1	37	21.18	21.32	21.09	23.5	2	
15	16QAM	74	20	21.30	21.27	21.12			
15	16QAM	74	59	21.09	21.28	21.07	23.5	2	
15	16QAM	36	20	20.26	20.27	20.23	23.5	3	
15	16QAM	36	59	20.35	20.17	20.44			
15	16QAM	72	0	19.46	19.63	19.23			
15	256QAM	1	0	19.33	19.33	19.30			
15	256QAM	1	37	19.43	19.59	19.44	19.5		
15	256QAM	1	74	19.42	19.58	19.28			
15	256QAM	36	0	19.12	19.31	19.18			
15	256QAM	36	20	19.34	19.27	19.23	19.5		
15	256QAM	36	59	19.47	19.33	19.22			
15	256QAM	72	0	19.30	19.48	19.20			
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.30	23.35	23.21	24.5	0	
10	QPSK	1	25	22.91	23.00	22.98			
10	QPSK	1	49	23.11	23.17	23.05			
10	QPSK	50	0	22.91	22.95	22.92			
10	QPSK	50	12	22.91	22.22	22.08	23.5	1	
10	QPSK	50	25	22.99	22.21	22.01			
10	QPSK	50	0	22.27	22.20	22.18			
10	QPSK	50	24	22.17	22.20	22.17	23.5	1	
10	16QAM	1	25	22.44	22.49	22.35			
10	16QAM	1	49	22.36	22.23	22.49	23.5	1	
10	16QAM	1	99	22.10	22.00	22.10			
10	16QAM	25	12	21.27	21.10	21.11	23.5	2	
10	16QAM	25	25	21.01	21.21	21.30			
10	16QAM	50	0	21.25	21.03	21.01			
10	16QAM	50	1	21.25	21.21	21.41	23.5	2	
10	16QAM	1	25	21.30	21.29	21.03	23.5	2	
10	16QAM	1	49	21.30	21.23	21.08			
10	16QAM	25	12	20.92	20.93	20.93	23.5	3	
10	16QAM	25	12	20.98	20.35	20.35			
10	16QAM	25	25	20.28	20.13	20.44			
10	16QAM	50	0	20.56	20.56	20.56	23.5	3	
10	256QAM	1	0	19.48	19.37	19.43			
10	256QAM	1	25	19.38	19.55	19.48	19.5		
10	256QAM	1	49	19.35	19.36	19.30			
10	256QAM	25	12	19.08	19.38	19.25			
10	256QAM	25	12	19.22	19.23	19.36	19.5		
10	256QAM	25	25	19.59	19.44	19.22			
10	256QAM	50	0	19.35	19.23	19.23			
Channel									
Frequency (MHz)									
5	QPSK	1	12	22.85	23.14	22.93	24.5	0	
5	QPSK	1	24	23.08	23.17	23.05			
5	QPSK	12	0	22.27	22.33	22.33			
5	QPSK	12	6	22.02	22.28	22.09	23.5	1	
5	QPSK	12	13	22.06	22.21	22.18			
5	QPSK	25	0	22.34	22.17	22.03			
5	QPSK	25	6	22.41	22.25	22.22	23.5	1	
5	16QAM	1	12	22.35	22.27	22.04	23.5	1	
5	16QAM	1	24	22.41	22.21	22.49			
5	16QAM	12	7	21.86	21.13	21.07	23.5	2	
5	16QAM	12	13	21.24	21.18	21.09			
5	16QAM	12	13	21.01	21.18	21.29	23.5	2	
5	16QAM	25	0	21.16	21.08	21.00			
5	16QAM	25	6	21.03	21.14	21.37	23.5	2	
5	16QAM	1	12	21.11	21.36	21.07			
5	16QAM	1	24	21.33	21.29	20.99			
5	16QAM	12	7	20.92	20.93	20.94	23.5	3	
5	16QAM	12	13	20.36	20.35	20.24			
5	16QAM	12	13	20.42	20.10	20.32			
5	16QAM	25	0	20.44	19.96	20.29	23.5	3	
5	256QAM	1	0	19.40	19.34	19.41			
5	256QAM	1	12	19.42	19.83	19.49	19.5		
5	256QAM	1	24	19.43	19.41	19.31			
5	256QAM	12	7	19.22	19.28	19.24			
5	256QAM	12	13	19.36	19.16	19.30	19.5		
5	256QAM	12	13	19.51	19.36	19.18			
5	256QAM	25	0	19.30	19.23	19.23			
Channel									
Frequency (MHz)									
3	QPSK	1	0	19.999	19.999	19.999	24.5	0	
3	QPSK	1	14	21.34	21.23	21.08			
3	QPSK	8	0	22.29	22.22	22.02	23.5	1	
3	QPSK	8	7	22.02	22.18	22.19			
3	QPSK	15	0	22.32	22.18	22.02			
3	16QAM	1	8	22.36	22.44	22.27	23.5	1	
3	16QAM	1	14	22.30	22.22	22.15			
3	16QAM	8	7	21.54	21.29	21.15	23.5	2	
3	16QAM	8	4	21.18	21.19	21.02			
3	16QAM	8	7	21.08	21.28	21.25	23.5	2	
3	16QAM	15	0	21.07	21.03	21.11			
3	16QAM	15	7	21.12	21.20	21.17	23.5	2	
3	16QAM	1	14	21.21	21.36	21.03	23.5	2	
3	16QAM	8	4	20.37	20.48	20.28			
3	16QAM	8	7	20.31	20.18	20.43	23.5	3	
3	256QAM	1	0	19.37	19.34	19.36			
3	256QAM	1	8	19.38	19.50	19.41	19.5		
3	256QAM	1	14	19.48	19.30	19.39			
3	256QAM	8	4	19.37	19.25	19.30	19.5		
3	256QAM	8	4	19.37	19.13	19.30			
3	256QAM	8	7	19.50	19.42	19.21			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	19.999	19.999	19.999	24.5	0	
1.4	QPSK	1	3	22.63	22.60	22.64			
1.4	QPSK	1	5	23.18	23.10	23.15			
1.4	QPSK	3	0	23.18	23.29	23.16	24.5	0	
1.4	QPSK	3	3	23.16	23.13	23.17			
1.4	QPSK	3	3	23.16	23.12	23.16	23.5	1	
1.4	16QAM	1	3	21.91	22.04	21.89			
1.4	16QAM	1	5	22.25	22.10	22.19	23.5	1	
1.4	16QAM	3	0	22.21	22.10	22.18			
1.4	16QAM	3	3	22.17	22.12	22.25	23.5	1	
1.4	16QAM	6	0	21.28	21.17	21.09	23.5	2	
1.4	16QAM	6	3	21.46	21.17	21.31			
1.4	16QAM	1	3	21.00	21.23	21.21			
1.4	16QAM	3	0	20.62	20.88	21.02	23.5	2	
1.4	16QAM	3	3	20.16	20.20	20.23			
1.4	16QAM	3	3	20.10	20.23	20.30	23.5	3	
1.4	16QAM	1	5	19.34	19.43	19.39	19.5		
1.4	256QAM	1	3	19.37	19.25	19.27			
1.4	256QAM	3	0	19.42	19.36	19.21	19.5		

LTE Band 7 Ant2									
BW (MHz)	Modulation n	RB Size	RB Offset	Power Low Ch. / 20850	Power Middle Ch. / 21100	Power High Ch. / 21350	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2560			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	20.5	3	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71			
20	64QAM	1	49	20.58	20.61	20.82	21.5	2	
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55			
20	64QAM	50	24	19.56	19.73	19.58	20.5	3	
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56			
20	256QAM	1	0	17.62	17.67	17.76	18.5	5	
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74			
20	256QAM	50	0	17.66	17.51	17.53	18.5	5	
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59			
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.82	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	21.5	2	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	20.5	3	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	21.5	2	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	20.5	3	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)		
Channel				37800	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.99	23.15	23.12	24	0		
20	QPSK	1	49	22.97	23.09	22.88				
20	QPSK	1	99	22.97	23.06	22.89				
20	QPSK	50	0	22.25	22.29	22.09				
20	QPSK	50	24	21.97	22.22	22.08				
20	QPSK	50	50	22.18	22.24	22.13	23	1		
20	QPSK	100	0	22.10	22.27	21.98				
20	16QAM	1	0	21.98	22.04	22.12				
20	16QAM	1	49	22.07	21.97	21.89				
20	16QAM	1	99	22.09	22.02	22.00				
20	16QAM	50	0	21.36	21.26	21.33	22	2		
20	16QAM	50	24	21.14	21.16	21.35				
20	16QAM	50	50	21.40	21.19	21.26				
20	16QAM	100	0	21.11	21.28	21.31				
20	64QAM	1	0	21.24	21.21	21.37				
20	64QAM	1	49	21.36	21.08	21.22	22	2		
20	64QAM	1	99	21.37	21.03	21.06				
20	64QAM	50	0	20.16	20.26	20.40				
20	64QAM	50	24	20.17	20.23	20.30				
20	64QAM	50	50	20.32	20.19	20.40				
20	64QAM	100	0	20.12	20.31	20.28	21	3		
20	256QAM	1	0	18.22	18.13	18.08				
20	256QAM	1	49	18.10	17.96	18.28				
20	256QAM	1	99	18.11	18.20	18.22				
20	256QAM	50	0	18.05	18.19	18.32				
20	256QAM	50	24	18.21	18.20	18.22	19	5		
20	256QAM	50	50	18.04	18.15	18.05				
20	256QAM	100	0	18.20	18.19	18.21				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)		MPR (dB)	
15	QPSK	1	0	22.85	22.95	22.97	24	0		
15	QPSK	1	37	22.92	22.92	22.82				
15	QPSK	1	74	22.89	22.92	22.70				
15	QPSK	36	0	22.20	22.15	21.93				
15	QPSK	36	20	21.79	22.15	21.99				
15	QPSK	36	39	22.00	22.16	22.04	23	1		
15	QPSK	75	0	21.96	22.11	21.83				
15	16QAM	1	0	21.81	21.87	22.01				
15	16QAM	1	37	21.91	21.92	21.76				
15	16QAM	1	74	21.97	21.89	21.82				
15	16QAM	36	0	21.31	21.12	21.19	22	2		
15	16QAM	36	20	20.96	21.10	21.28				
15	16QAM	36	39	21.36	21.01	21.18				
15	16QAM	75	0	20.95	21.13	21.22				
15	64QAM	1	0	21.11	21.05	21.24				
15	64QAM	1	37	21.28	20.96	21.05	22	2		
15	64QAM	1	74	21.23	20.94	20.87				
15	64QAM	36	0	20.02	20.19	20.23				
15	64QAM	36	20	20.09	20.18	20.24				
15	64QAM	36	39	20.25	20.13	20.31				
15	64QAM	75	0	19.97	20.20	20.10	21	3		
15	256QAM	1	0	18.09	18.06	17.96				
15	256QAM	1	37	18.04	17.77	18.17				
15	256QAM	1	74	17.92	18.11	18.18				
15	256QAM	36	0	17.94	18.11	18.22				
15	256QAM	36	20	18.13	18.04	18.13	19	5		
15	256QAM	36	39	17.91	18.05	17.93				
15	256QAM	75	0	18.07	18.12	18.14				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)		MPR (dB)	
10	QPSK	1	0	22.84	23.01	23.03	24	0		
10	QPSK	1	25	22.85	23.00	22.70				
10	QPSK	1	49	22.81	22.99	22.74				
10	QPSK	25	0	22.14	22.14	21.97				
10	QPSK	25	12	21.92	22.03	21.92				
10	QPSK	25	25	22.08	22.14	22.02	23	1		
10	QPSK	50	0	21.96	22.22	21.84				
10	16QAM	1	0	21.86	21.96	21.94				
10	16QAM	1	25	22.00	21.88	21.70				
10	16QAM	1	49	21.89	21.94	21.86				
10	16QAM	25	0	21.25	21.19	21.24	22	2		
10	16QAM	25	12	21.08	20.97	21.21				
10	16QAM	25	25	21.35	21.07	21.14				
10	16QAM	50	0	21.05	21.20	21.26				
10	64QAM	1	0	21.04	21.06	21.31				
10	64QAM	1	25	21.29	20.90	21.10	22	2		
10	64QAM	1	49	21.19	20.90	20.91				
10	64QAM	25	0	20.06	20.18	20.23				
10	64QAM	25	12	20.05	20.18	20.11				
10	64QAM	25	25	20.15	20.11	20.20				
10	64QAM	50	0	19.92	20.12	20.19	21	3		
10	256QAM	1	0	18.14	18.02	17.92				
10	256QAM	1	25	18.06	17.83	18.14				
10	256QAM	1	49	18.02	18.08	18.06				
10	256QAM	25	0	17.85	18.10	18.13				
10	256QAM	25	12	18.17	18.14	18.11	19	5		
10	256QAM	25	25	18.00	18.02	17.90				
10	256QAM	50	0	18.13	18.05	18.15				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)		MPR (dB)	
5	QPSK	1	0	22.85	23.09	23.05	24	0		
5	QPSK	1	12	22.90	23.01	22.75				
5	QPSK	1	24	22.90	22.87	22.80				
5	QPSK	12	0	22.11	22.23	22.02				
5	QPSK	12	7	21.89	22.09	21.90				
5	QPSK	12	13	22.08	22.12	21.84	23	1		
5	QPSK	25	0	21.90	22.11	21.86				
5	16QAM	1	0	21.90	21.89	21.94	23	1		
5	16QAM	1	12	21.94	21.83	21.71				
5	16QAM	1	24	21.93	21.86	21.80				
5	16QAM	12	0	21.19	21.09	21.22				
5	16QAM	12	7	21.09	21.04	21.15				
5	16QAM	12	13	21.32	21.07	21.22	22	2		
5	16QAM	25	0	21.01	21.20	21.24				
5	64QAM	1	0	21.07	21.05	21.25				
5	64QAM	1	12	21.22	20.88	21.17				
5	64QAM	1	24	21.27	20.93	21.08				
5	64QAM	12	0	20.01	20.16	20.31	21	3		
5	64QAM	12	7	20.13	20.17	20.12				
5	64QAM	12	13	20.13	19.99	20.36				
5	64QAM	25	0	20.07	20.14	20.12				
5	256QAM	1	0	18.15	17.95	18.01				
5	256QAM	1	12	17.92	17.81	18.22	19	5		
5	256QAM	1	24	18.02	18.04	18.05				
5	256QAM	12	0	17.89	18.05	18.26				
5	256QAM	12	7	18.11	18.14	18.12				
5	256QAM	12	13	17.99	18.05	17.88				

LTE Band 42 FCC (3.5GHz Band) (3550-3600MHz) Part 96										
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq	Channel Center Freq	High Ch. Freq	Turn-up limit (dBm)	MPR (dB)		
Channel Frequency (MHz)										
20	QPSK	1	0	22.60	22.70	22.99	24	0		
20	QPSK	1	49	22.47	22.58	22.53				
20	QPSK	1	99	22.64	22.60	22.58	23	1		
20	QPSK	50	0	21.68	21.68	21.62				
20	QPSK	50	24	21.73	21.85	21.96	23	1		
20	QPSK	50	50	21.81	21.76	21.54				
20	QPSK	100	0	21.67	21.72	21.68	23	1		
20	16QAM	1	0	21.30	21.61	21.83				
20	16QAM	1	49	21.63	21.57	21.71	22	2		
20	16QAM	1	99	21.66	21.58	21.66				
20	16QAM	50	0	20.73	20.66	20.67	22	2		
20	16QAM	50	24	20.52	20.77	20.70				
20	16QAM	50	50	20.50	20.80	20.72	22	2		
20	16QAM	100	0	20.63	20.56	20.36				
20	64QAM	1	0	20.70	20.73	20.79	22	2		
20	64QAM	1	49	20.86	20.83	20.86				
20	64QAM	1	99	20.83	20.89	20.89	21	3		
20	64QAM	50	0	19.78	19.68	19.55				
20	64QAM	50	24	19.86	19.62	19.73	21	3		
20	64QAM	50	50	19.74	19.72	19.59				
20	64QAM	100	0	19.81	19.72	19.62	19	5		
20	256QAM	1	0	17.73	17.68	17.77				
20	256QAM	1	49	17.81	17.72	17.48	19	5		
20	256QAM	1	99	17.64	17.57	17.55				
20	256QAM	50	0	17.82	17.75	17.78	19	5		
20	256QAM	50	24	17.62	17.79	17.59				
20	256QAM	50	50	17.61	17.61	17.70	19	5		
20	256QAM	100	0	17.84	17.75	17.69				
Channel Frequency (MHz)										
15	QPSK	1	0	22.55	22.62	22.47	24	0		
15	QPSK	1	37	22.41	22.49	22.49				
15	QPSK	1	74	22.55	22.51	22.53	23	1		
15	QPSK	36	0	21.61	21.71	21.58				
15	QPSK	36	20	21.67	21.74	21.53	23	1		
15	QPSK	36	39	21.76	21.74	21.41				
15	QPSK	75	0	21.55	21.61	21.56	23	1		
15	16QAM	1	0	21.21	21.54	21.58				
15	16QAM	1	37	21.59	21.50	21.88	23	1		
15	16QAM	1	74	21.61	21.50	21.63				
15	16QAM	36	0	20.59	20.54	20.55	22	2		
15	16QAM	36	20	20.46	20.66	20.62				
15	16QAM	36	39	20.76	20.47	20.66	22	2		
15	16QAM	75	0	20.50	20.51	20.54				
15	64QAM	1	0	20.57	20.67	20.70	22	2		
15	64QAM	1	37	20.73	20.76	20.59				
15	64QAM	1	74	20.58	20.82	20.82	22	2		
15	64QAM	36	0	19.76	19.61	19.45				
15	64QAM	36	20	19.76	19.57	19.67	21	3		
15	64QAM	36	39	19.81	19.63	19.49				
15	64QAM	75	0	19.55	19.59	19.50	19	5		
15	256QAM	1	0	17.67	17.61	17.67				
15	256QAM	1	37	17.69	17.64	17.38	19	5		
15	256QAM	1	74	17.52	17.48	17.52				
15	256QAM	36	0	17.72	17.63	17.75	19	5		
15	256QAM	36	20	17.49	17.70	17.54				
15	256QAM	36	39	17.48	17.51	17.65	19	5		
15	256QAM	75	0	17.75	17.72	17.80				
Channel Frequency (MHz)										
10	QPSK	1	0	22.55	22.65	22.51	24	0		
10	QPSK	1	25	22.37	22.50	22.51				
10	QPSK	1	49	22.56	22.56	22.54	23	1		
10	QPSK	25	0	21.55	21.73	21.59				
10	QPSK	25	12	21.61	21.73	21.43	23	1		
10	QPSK	25	25	21.77	21.70	21.47				
10	QPSK	50	0	21.62	21.63	21.62	23	1		
10	16QAM	1	0	21.24	21.48	21.56				
10	16QAM	1	25	21.59	21.50	21.59	23	1		
10	16QAM	1	49	21.58	21.52	21.53				
10	16QAM	25	0	20.68	20.57	20.60	22	2		
10	16QAM	25	12	20.47	20.63	20.62				
10	16QAM	25	25	20.77	20.38	20.62	22	2		
10	16QAM	50	0	20.55	20.50	20.47				
10	64QAM	1	0	20.61	20.63	20.72	22	2		
10	64QAM	1	25	20.79	20.70	20.53				
10	64QAM	1	49	20.56	20.62	20.76	21	3		
10	64QAM	25	0	19.66	19.53	19.43				
10	64QAM	25	12	19.84	19.58	19.70	19	5		
10	64QAM	25	25	19.70	19.60	19.48				
10	64QAM	50	0	19.58	19.68	19.48	19	5		
10	256QAM	1	0	17.68	17.62	17.85				
10	256QAM	1	25	17.73	17.67	17.44	19	5		
10	256QAM	1	49	17.60	17.48	17.51				
10	256QAM	25	0	17.73	17.68	17.73	19	5		
10	256QAM	25	12	17.48	17.68	17.48				
10	256QAM	25	25	17.50	17.57	17.58	19	5		
10	256QAM	50	0	17.73	17.65	17.61				
Channel Frequency (MHz)										
5	QPSK	1	0	22.48	22.61	22.48	24	0		
5	QPSK	1	12	22.44	22.50	22.45				
5	QPSK	1	24	22.55	22.50	22.46	23	1		
5	QPSK	12	0	21.58	21.72	21.57				
5	QPSK	12	7	21.67	21.73	21.49	23	1		
5	QPSK	12	13	21.77	21.70	21.45				
5	16QAM	1	0	21.54	21.59	21.56	23	1		
5	16QAM	1	9	21.27	21.48	21.45				
5	16QAM	1	12	21.56	21.51	21.58	23	1		
5	16QAM	1	24	21.56	21.51	21.61				
5	16QAM	12	0	20.68	20.53	20.54	22	2		
5	16QAM	12	7	20.49	20.75	20.64				
5	64QAM	1	0	19.76	19.62	19.74	21	3		
5	64QAM	12	0	19.56	19.58	19.47				
5	64QAM	12	13	19.65	19.61	19.49	21	3		
5	64QAM	25	0	19.54	19.68	19.57				
5	256QAM	1	0	17.59	17.61	17.72	19	5		
5	256QAM	1	12	17.75	17.58	17.43				
5	256QAM	1	24	17.58	17.43	17.43	19	5		
5	256QAM	12	0	17.69	17.64	17.74				
5	256QAM	12	7	17.57	17.57	17.53	19	5		
5	256QAM	12	13	17.48	17.57	17.63				
5	256QAM	25	0	17.80	17.53	17.63	19	5		
5	256QAM	25	7	17.80	17.53	17.63				

LTE Band 2 Ant1												
BS (MHz)	Multiplexing	RB Size	RB Offset	Low Edge 18100	Mid Edge 18650	High Edge 19100	Time-slot (MHz)	Sign (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	20.22	20.35	20.47						
20	QPSK	1	48	20.36	20.38	20.28						
20	QPSK	50	0	20.26	20.33	20.15	21.5	0				
20	QPSK	50	50	20.38	20.38	20.12						
20	QPSK	50	24	20.23	20.25	20.28	21.5	0				
20	QPSK	50	50	20.24	20.15	20.16						
20	QPSK	50	24	20.27	20.27	20.20	21.5	0				
20	16QAM	1	0	20.27	20.25	20.21						
20	16QAM	1	48	20.24	20.23	20.27						
20	16QAM	50	0	20.26	20.33	20.15	21.5	0				
20	16QAM	50	0	20.36	20.30	20.37						
20	16QAM	50	24	20.25	20.21	20.26	21.5	0				
20	16QAM	50	24	20.26	20.25	20.20						
20	16QAM	50	0	20.27	20.25	20.31	21.5	0				
20	16QAM	50	0	20.27	20.28	20.31						
20	64QAM	1	0	20.27	20.28	20.31						
20	64QAM	1	48	20.26	20.25	20.28						
20	64QAM	1	89	20.25	20.25	20.37						
20	64QAM	50	0	20.15	20.26	20.26	21.5	0				
20	64QAM	50	0	20.25	20.25	20.30						
20	64QAM	50	50	20.27	20.25	20.31	21.5	0				
20	64QAM	50	0	20.27	20.28	20.31						
20	256QAM	1	0	19.80	19.52	19.64	19.5					
20	256QAM	1	89	19.49	19.72	19.57						
20	256QAM	50	0	19.50	19.50	19.44	19.5					
20	256QAM	50	24	19.30	19.55	19.44						
20	256QAM	50	50	19.24	19.28	19.54	19.5					
20	256QAM	50	0	19.33	19.30	19.40						
20	256QAM	50	0	19.33	19.30	19.40						
Frequency (MHz)												
15	QPSK	1	0	20.22	20.28	20.22						
15	QPSK	1	25	20.22	20.28	20.16						
15	QPSK	1	74	20.25	20.16	20.03						
15	QPSK	25	0	20.22	20.21	20.28						
15	QPSK	25	12	20.19	20.17	20.28	21.5	0				
15	QPSK	25	38	20.29	19.97	20.04						
15	QPSK	75	0	20.13	20.20	20.23						
15	QPSK	75	0	20.13	20.17	20.28	21.5	0				
15	16QAM	1	37	20.13	20.13	20.29						
15	16QAM	1	74	20.13	20.24	20.28						
15	16QAM	25	0	20.12	20.22	20.28	21.5	0				
15	16QAM	25	38	20.13	20.13	20.06						
15	16QAM	36	50	20.05	20.01	20.21						
15	16QAM	36	50	20.05	20.01	20.21	21.5	0				
15	64QAM	1	0	20.23	20.25	20.06						
15	64QAM	1	27	20.03	19.97	20.15	21.5	0				
15	64QAM	1	74	20.13	20.17	20.06						
15	64QAM	25	0	19.96	20.12	20.10						
15	64QAM	25	38	20.20	20.14	19.97	21.5	0				
15	256QAM	1	0	19.50	19.48	19.58						
15	256QAM	1	89	19.30	19.55	19.44	19.5					
15	256QAM	1	74	19.30	19.66	19.42						
15	256QAM	25	0	19.32	19.28	19.25	19.5	2				
15	256QAM	25	12	19.34	19.38	19.33						
15	256QAM	75	0	19.32	19.30	19.40						
15	256QAM	75	0	19.32	19.30	19.40						
Channel												
Frequency (MHz)												
10	QPSK	1	0	20.22	20.28	20.22						
10	QPSK	1	25	20.22	20.28	20.16						
10	QPSK	1	74	20.25	20.16	20.03						
10	QPSK	25	0	20.14	20.27	20.21						
10	QPSK	25	12	20.19	20.10	20.07	21.5	0				
10	QPSK	25	38	20.13	19.82	19.88						
10	QPSK	50	0	20.11	20.24	20.16						
10	16QAM	1	0	20.17	20.24	20.24						
10	16QAM	1	48	20.08	20.14	20.24						
10	16QAM	25	0	20.17	20.26	20.28	21.5	0				
10	16QAM	25	12	20.15	20.24	20.28						
10	16QAM	25	38	20.12	20.16	20.15	21.5	0				
10	16QAM	50	0	20.21	20.14	20.21						
10	16QAM	50	0	20.21	20.17	20.28	21.5	0				
10	64QAM	1	0	20.20	20.21	20.15						
10	64QAM	1	48	20.20	20.21	20.32						
10	64QAM	1	89	20.19	20.19	20.32						
10	64QAM	25	0	20.25	20.26	20.30	21.5	0				
10	64QAM	25	12	20.25	20.26	20.30						
10	64QAM	25	38	20.11	20.19	20.28						
10	256QAM	1	25	20.03	20.15	20.32	19.5					
10	256QAM	1	49	20.01	20.33	20.32						
10	256QAM	1	73	20.02	20.34	20.32						
10	256QAM	25	0	20.02	20.34	20.32	21.5	0				
10	256QAM	25	12	20.02	20.34	20.32						
10	256QAM	25	38	20.02	20.34	20.32	19.5					
10	256QAM	50	0	20.04	20.33	20.32						
10	256QAM	50	0	20.04	20.33	20.32						
10	256QAM	50	24	20.04	20.33	20.32	21.5	2				
10	256QAM	50	24	20.04	20.33	20.32						
Channel												
Frequency (MHz)												
3	QPSK	1	0	20.28	20.38	20.29						
3	QPSK	1	12	20.28	20.38	20.22	21.5	0				
3	QPSK	1	24	20.21	20.23	20.09						
3	QPSK	12	0	20.24	20.22	20.25						
3	QPSK	12	7	20.14	20.16	20.11						
3	QPSK	12	13	20.19	20.09	20.01	21.5	0				
3	16QAM	1	0	20.17	20.17	20.13						
3	16QAM	1	12	20.08	20.17	20.33	21.5	0				
3	16QAM	12	0	20.23	20.20	20.26						
3	16QAM	12	7	20.09	20.27	20.13						
3	16QAM	12	13	20.18	20.07	20.03	21.5	0				
3	64QAM	1	0	20.28	20.29	20.09						
3	64QAM	1	24	20.26	20.10	20.28	21.5	0				
3	64QAM	12	0	20.20	20.12	20.14						
3	64QAM	12	7	20.07	20.24	20.10						
3	64QAM	12	13	20.14	20.14	20.21	21.5	0				
3	64QAM	25	0	20.04	20.30	20.06						
3	256QAM	1	0	19.84	19.50	19.50						
3	256QAM	1	12	19.84	19.52	19.54	19.5	2				
3	256QAM	1	24	19.33	19.54	19.47						
3	256QAM	12	0	19.07	19.24	19.30						
3	256QAM	12	7	19.16	19.30	19.34	19.5	2				
3	256QAM	12	13	19.16	19.10	19.46						
3	256QAM	25	0	19.19	19.30	19.46						
Channel												
Frequency (MHz)												
18	QPSK	1	0	19.80	19.60	19.53						
18	QPSK	1	8	19.85	19.60	19.53	19.5					
18	QPSK	1	16	19.90	19.55	19.53						
18	QPSK	1	24	19.95	19.55	19.53						
18	QPSK	1	32	19.95	19.55	19.53						
18	QPSK	1	40	19.95	19.55	19.53						
18	QPSK	1	48	19.95	19.55	19.53						
18	QPSK	1	56	19.95	19.55	19.53						
18	QPSK	1	64	19.95	19.55	19.53						
18	QPSK	1	72	19.95	19.55	19.53						
18	QPSK	1	80	19.95	19.55	19.53						
18	QPSK	1	88	19.95	19.55	19.53						
18	QPSK	1	96	19.95	19.55	19.53						
18	QPSK	1	104	19.95	19.55	19.53						
18	QPSK	1	112	19.95	19.55	19.53						
18	QPSK	1	120	19.95	19.55	19.53						
18	QPSK	1	128	19.95	19.55	19.53						
18	QPSK	1	136	19.95	19.55	19.53						
18	QPSK	1	144	19.95	19.55	19.53						
18	QPSK	1	152	19.95	19.55	19.53						
18	QPSK	1	160	19.95	19.55	19.53						
18	QPSK	1	168	19.95	19.55	19.53						
18	QPSK	1	176	19.95	19.55	19.53						
18	QPSK	1	184	19.95	19.55	19.53						
18	QPSK	1	192	19.95	19.55	19.53						
18	QPSK	1	200	19.95	19.55	19.53						
18	QPSK	1	208	19.95	19.55	19.53						
18	QPSK	1	216	19.95	19.55	19.53						
18	QPSK	1	224	19.95	19.55	19.53						
18	QPSK	1	232	19.95	19.55	19.53						
18	QPSK	1	240	19.95	19.55	19.53						
18	QPSK	1	248	19.95	19.55	19.53						
18	QPSK	1	256	19.95	19.55	19.53						
18	QPSK	1	264	19.95	19.55	19.53						
18	QPSK	1	272	19.95	19.55	19.53						
18	QPSK	1	280	19.95	19.55	19.53						
18	QPSK	1	288	19.95	19.55	19.53						
18	QPSK	1	296	19.95	19.55	19.53						
18	QPSK	1	304	19.95	19.55	19.53						
18	QPSK	1	312	19.95	19.55	19.53						
18	QPSK	1	320	19.95	19.55	19.53						
18	QPSK	1	328	19.95	19.55	19.53						
18	QPSK	1	336	19.95	19.55	19.53						
18	QPSK	1	344	19.95	19.55	19.53						
18	QPSK	1	352	19.95	19.55	19.53						
18	QPSK	1	360	19.95	19.55	19.53						
18	QPSK	1	368	19.95	19.55	19.53						
18	QPSK	1	376	19.95	19.55	19.53						
18	QPSK	1	384	19.95	19.55	19.53						
18	QPSK	1	392	19.95	19.55	19.53						
18	QPSK	1	400	19.95	19.55	19.53						
18	QPSK	1	408	19.95	19.55	19.53						
18	QPSK	1	416	19.95	19.55	19.53						
18	QPSK	1	424	19.95	19.55	19.53						
18	QPSK	1	432	19.95	19.55	19.53						
18	QPSK	1	440	19.95	19.55	19.53						
18	QPSK	1	448	19.95	19.55	19.53						
18	QPSK	1	456	19.95	19.55	19.53						
18	QPSK	1	464	19.95	19.55	19.5						

LTE Band 4 Ant1												
SW Freq	Modulation	RIS Size	RIS Offset	Low Power	Mid Power	High Power	Transmit Power	Latency	Modulation	SW Freq	Modulation	RIS Size
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.21	22.26	22.28						
20	QPSK	1	40	22.19	22.24	22.28						
20	QPSK	1	80	22.19	22.26	22.28						
20	QPSK	1	120	22.19	22.26	22.28						
20	QPSK	50	24	22.29	22.29	22.28						
20	QPSK	50	40	22.26	22.22	22.28						
20	QPSK	50	80	22.26	22.22	22.28						
20	QPSK	50	120	22.26	22.22	22.28						
20	16QAM	1	0	22.17	22.26	22.22						
20	16QAM	1	40	22.16	22.26	22.22						
20	16QAM	1	80	22.16	22.26	22.22						
20	16QAM	50	24	21.37	21.42	21.39						
20	16QAM	50	40	21.42	21.45	21.39						
20	16QAM	50	80	21.42	21.45	21.39						
20	16QAM	50	120	21.42	21.45	21.39						
20	64QAM	1	0	21.41	21.26	21.21						
20	64QAM	1	40	21.47	21.53	21.68						
20	64QAM	1	80	21.47	21.53	21.68						
20	64QAM	50	24	21.46	21.52	21.68						
20	64QAM	50	40	21.60	21.65	21.81						
20	64QAM	50	80	21.60	21.65	21.81						
20	64QAM	50	120	21.60	21.65	21.81						
20	64QAM	100	0	20.31	20.55	20.51						
20	64QAM	100	40	20.31	20.55	20.51						
20	64QAM	100	80	20.31	20.55	20.51						
20	64QAM	100	120	20.31	20.55	20.51						
20	256QAM	1	40	18.60	18.65	18.65						
20	256QAM	1	80	18.56	18.54	18.65						
20	256QAM	1	120	18.56	18.54	18.65						
20	256QAM	50	24	18.55	18.45	18.43						
20	256QAM	50	40	18.42	18.33	18.59						
20	256QAM	50	80	18.42	18.33	18.59						
20	256QAM	50	120	18.42	18.33	18.59						
20	256QAM	100	0	18.62	18.57	18.58						
20	256QAM	100	40	18.62	18.57	18.58						
20	256QAM	100	80	18.62	18.57	18.58						
20	256QAM	100	120	18.62	18.57	18.58						
20	256QAM	100	160	18.62	18.57	18.58						
20	256QAM	100	200	18.62	18.57	18.58						
20	256QAM	100	240	18.62	18.57	18.58						
20	256QAM	100	280	18.62	18.57	18.58						
20	256QAM	100	320	18.62	18.57	18.58						
20	256QAM	100	360	18.62	18.57	18.58						
20	256QAM	100	400	18.62	18.57	18.58						
20	256QAM	100	440	18.62	18.57	18.58						
20	256QAM	100	480	18.62	18.57	18.58						
20	256QAM	100	520	18.62	18.57	18.58						
20	256QAM	100	560	18.62	18.57	18.58						
20	256QAM	100	600	18.62	18.57	18.58						
20	256QAM	100	640	18.62	18.57	18.58						
20	256QAM	100	680	18.62	18.57	18.58						
20	256QAM	100	720	18.62	18.57	18.58						
20	256QAM	100	760	18.62	18.57	18.58						
20	256QAM	100	800	18.62	18.57	18.58						
20	256QAM	100	840	18.62	18.57	18.58						
20	256QAM	100	880	18.62	18.57	18.58						
20	256QAM	100	920	18.62	18.57	18.58						
20	256QAM	100	960	18.62	18.57	18.58						
20	256QAM	100	1000	18.62	18.57	18.58						
20	256QAM	100	1040	18.62	18.57	18.58						
20	256QAM	100	1080	18.62	18.57	18.58						
20	256QAM	100	1120	18.62	18.57	18.58						
20	256QAM	100	1160	18.62	18.57	18.58						
20	256QAM	100	1200	18.62	18.57	18.58						
20	256QAM	100	1240	18.62	18.57	18.58						
20	256QAM	100	1280	18.62	18.57	18.58						
20	256QAM	100	1320	18.62	18.57	18.58						
20	256QAM	100	1360	18.62	18.57	18.58						
20	256QAM	100	1400	18.62	18.57	18.58						
20	256QAM	100	1440	18.62	18.57	18.58						
20	256QAM	100	1480	18.62	18.57	18.58						
20	256QAM	100	1520	18.62	18.57	18.58						
20	256QAM	100	1560	18.62	18.57	18.58						
20	256QAM	100	1600	18.62	18.57	18.58						
20	256QAM	100	1640	18.62	18.57	18.58						
20	256QAM	100	1680	18.62	18.57	18.58						
20	256QAM	100	1720	18.62	18.57	18.58						
20	256QAM	100	1760	18.62	18.57	18.58						
20	256QAM	100	1800	18.62	18.57	18.58						
20	256QAM	100	1840	18.62	18.57	18.58						
20	256QAM	100	1880	18.62	18.57	18.58						
20	256QAM	100	1920	18.62	18.57	18.58						
20	256QAM	100	1960	18.62	18.57	18.58						
20	256QAM	100	2000	18.62	18.57	18.58						
20	256QAM	100	2040	18.62	18.57	18.58						
20	256QAM	100	2080	18.62	18.57	18.58						
20	256QAM	100	2120	18.62	18.57	18.58						
20	256QAM	100	2160	18.62	18.57	18.58						
20	256QAM	100	2200	18.62	18.57	18.58						
20	256QAM	100	2240	18.62	18.57	18.58						
20	256QAM	100	2280	18.62	18.57	18.58						
20	256QAM	100	2320	18.62	18.57	18.58						
20	256QAM	100	2360	18.62	18.57	18.58						
20	256QAM	100	2400	18.62	18.57	18.58						
20	256QAM	100	2440	18.62	18.57	18.58						
20	256QAM	100	2480	18.62	18.57	18.58						
20	256QAM	100	2520	18.62	18.57	18.58						
20	256QAM	100	2560	18.62	18.57	18.58						
20	256QAM	100	2600	18.62	18.57	18.58						
20	256QAM	100	2640	18.62	18.57	18.58						
20	256QAM	100	2680	18.62	18.57	18.58						
20	256QAM	100	2720	18.62	18.57	18.58						
20	256QAM	100	2760	18.62	18.57	18.58						
20	256QAM	100	2800	18.62	18.57	18.58						
20	256QAM	100	2840	18.62	18.57	18.58						
20	256QAM	100	2880	18.62	18.57	18.58						
20	256QAM	100	2920	18.62	18.57	18.58						
20	256QAM	100	2960	18.62	18.57	18.58						
20	256QAM	100	3000	18.62	18.57	18.58						
20	256QAM	100	3040	18.62	18.57	18.58						
20	256QAM	100	3080	18.62	18.57	18.58						
20	256QAM	100	3120	18.62	18.57	18.58						
20	256QAM	100	3160	18.62	18.57	18.58						
20	256QAM	100	3200	18.62	18.57	18.58						
20	256QAM	100	3240	18.62	18.57	18.58						
20	256QAM	100	3280	18.62	18.57	18.58						
20	256QAM	100	3320	18.62	18.57	18.58						
20	256QAM	100	3360	18.62	18.57	18.58						
20	256QAM	100	3400	18.62	18.57	18.58						
20	256QAM	100	3440	18.62	18.57	18.58						
20	256QAM	100	3480	18.62	18.57	18.58						
20	256QAM	100	3520	18.62	18.57	18.58						
20	256QAM	100	3560	18.62	18.57	18.58						
20	256QAM	100	3600	18.62	18.57	18.58						
20	256QAM	100	3640	18.62	18.57	18.58						
20	256QAM	100	3680	18.62	18.57	18.58						
20	256QAM	100	3720	18.62	18.57	18.58						
20	256QAM	100	3760	18.62	18.57	18.58						
20	256QAM	100	3800	18.62	18.57	18.58						
20	256QAM	100	3840	18.62	18.57	18.58						
20	256QAM	100	3880	18.62	18.57	18.58						
20	256QAM	100	3920	18.62	18.57	18.58						
20	256QAM	100	3960	18.62	18.57	18.58						
20	256QAM	100	4000	18.62	18.57	18.58						
20	256QAM	100	4040	18.62	18.57	18.58						

LTE Band 5 Ant1													
SRV	QAM	Modulation	RS Rate	RS Offset	Low Bandwidth	Medium Bandwidth	High Bandwidth	Time-slot (ms)	MPE (dB)				
Channel													
Frequency (MHz)													
10	QPSK	1	0	22.05	22.05	22.05							
10	QPSK	1	25	21.85	21.85	21.85		23	0				
10	QPSK	1	49	22.01	21.84	21.84							
10	QPSK	1	75	21.95	21.85	21.85							
10	QPSK	25	12	22.05	21.85	21.85							
10	QPSK	25	25	21.95	21.84	21.81							
10	QPSK	25	49	21.95	21.84	21.81							
10	HQAM	1	0	21.94	21.92	22.04							
10	HQAM	1	25	21.95	21.93	21.93		23	0				
10	HQAM	1	49	21.95	21.93	21.93							
10	HQAM	25	5	21.95	21.95	21.95							
10	HQAM	25	12	21.94	21.93	21.88							
10	HQAM	25	25	21.95	21.93	21.93							
10	HQAM	25	49	21.95	21.93	21.93							
10	HQAM	50	0	22.05	21.98	21.97							
10	HQAM	50	25	22.05	22.03	21.85							
10	HQAM	50	49	22.05	22.03	21.85							
10	HQAM	1	49	21.85	21.85	21.81							
10	HQAM	25	0	20.95	21.08	21.15							
10	HQAM	25	25	21.05	21.15	21.15							
10	HQAM	25	49	21.05	21.15	21.15							
10	HQAM	50	25	20.95	21.04	20.95							
10	HQAM	50	49	20.95	21.04	20.95							
10	25QAM	1	49	19.35	19.17	19.24							
10	25QAM	1	75	19.35	19.17	19.24							
10	25QAM	12	13	19.35	19.17	19.24		20	3				
10	25QAM	25	0	19.25	19.04	19.04							
10	25QAM	25	12	19.15	19.04	19.04							
10	25QAM	25	49	19.25	19.05	19.14							
10	25QAM	50	0	19.15	19.17	19.05							
Time-slot (ms)													
Frequency (MHz)													
5	QPSK	1	0	21.88	21.87	21.88							
5	QPSK	1	25	21.88	21.87	21.88		23	0				
5	QPSK	1	49	21.88	21.87	21.88							
5	QPSK	1	75	21.88	21.87	21.88							
5	QPSK	1	24	21.73	21.73	21.73							
5	QPSK	12	0	21.88	21.88	21.88							
5	QPSK	12	13	21.73	21.73	21.73							
5	QPSK	25	0	21.83	21.87	21.88							
5	HQAM	1	0	21.88	21.72	21.78							
5	HQAM	1	12	21.88	21.72	21.78							
5	HQAM	1	24	21.88	21.73	21.80							
5	HQAM	12	0	21.73	21.85	21.88							
5	HQAM	12	13	21.73	21.85	21.88		23	0				
5	HQAM	25	0	21.65	21.81	21.83							
5	HQAM	25	12	21.65	21.81	21.83							
5	HQAM	1	12	20.85	21.05	21.74							
5	HQAM	1	24	20.78	21.54	21.85							
5	HQAM	12	0	20.78	21.54	21.85							
5	HQAM	12	13	20.87	21.03	21.15							
5	HQAM	12	25	20.78	21.03	21.08							
5	25QAM	1	0	19.15	19.05	19.15							
5	25QAM	1	12	19.05	19.07	19.04							
5	25QAM	12	13	19.05	19.08	19.05		20	3				
5	25QAM	25	0	19.05	19.07	19.04							
5	25QAM	25	12	19.05	19.08	19.05							
5	25QAM	25	49	19.05	19.07	19.04							
5	25QAM	50	0	19.15	19.05	19.15							
Time-slot (ms)													
Frequency (MHz)													
14	QPSK	1	0	21.81	21.81	21.88							
14	QPSK	1	25	21.81	21.81	21.88		23	0				
14	QPSK	1	49	21.81	21.81	21.88							
14	QPSK	1	75	21.81	21.74	21.78							
14	QPSK	3	0	21.88	21.82	21.94							
14	QPSK	3	25	21.88	21.82	21.77							
14	QPSK	3	49	21.88	21.82	21.77							
14	QPSK	6	0	21.84	21.75	21.90		23	0				
14	HQAM	1	0	21.78	21.75	21.82							
14	HQAM	1	25	21.78	21.75	21.82							
14	HQAM	1	49	21.78	21.75	21.82							
14	HQAM	1	75	21.78	21.75	21.82							
14	HQAM	3	0	21.73	21.75	21.82							
14	HQAM	3	25	21.73	21.75	21.82		23	0				
14	HQAM	3	49	21.73	21.75	21.82							
14	HQAM	6	0	21.68	21.68	21.71							
14	HQAM	6	25	21.68	21.68	21.71							
14	HQAM	6	49	21.68	21.68	21.71							
14	HQAM	1	75	21.78	21.83	21.84							
14	HQAM	3	0	21.81	21.77	21.83							
14	HQAM	3	25	21.81	21.77	21.83							
14	HQAM	3	49	21.81	21.77	21.83							
14	HQAM	6	0	21.75	21.80	21.80		23	0				
14	HQAM	6	25	21.75	21.80	21.80							
14	HQAM	6	49	21.75	21.80	21.80							
14	HQAM	15	0	21.81	21.77	21.69							
14	HQAM	15	25	21.81	21.77	21.69							
14	HQAM	15	49	21.81	21.77	21.69							
14	HQAM	1	0	22.05	21.98	21.77							
14	HQAM	1	25	22.05	21.94	21.75							
14	HQAM	1	49	22.05	21.94	21.75							
14	HQAM	1	75	22.05	21.94	21.75							
14	HQAM	3	0	20.70	20.89	21.04							
14	HQAM	3	25	20.70	20.89	21.04							
14	HQAM	3	49	20.70	20.89	21.04							
14	HQAM	6	0	21.82	21.72	21.62		22	1				
14	HQAM	6	25	21.82	21.72	21.62							
14	HQAM	6	49	21.82	21.72	21.62							
14	HQAM	15	0	20.12	20.09	20.01							
14	HQAM	15	25	20.12	20.09	20.01							
14	HQAM	15	49	20.12	20.09	20.01							
14	25QAM	1	0	19.15	19.04	19.09							
14	25QAM	1	14	19.08	19.04	19.09		20	3				
14	25QAM	1	28	19.02	19.03	19.03							
14	25QAM	1	42	19.06	19.03	19.03							
14	25QAM	8	7	19.11	19.05	19.00							
14	25QAM	15	0	19.08	19.07	19.01							
14	25QAM	15	14	19.08	19.07	19.01							
14	25QAM	15	28	19.08	19.07	19.01							
14	25QAM	15	42	19.08	19.07	19.01							
Time-slot (ms)													
Frequency (MHz)													
14	QPSK	1	0	21.81	21.81	21.88							
14	QPSK	1	25	21.81	21.81	21.88		23	0				
14	QPSK	1	49	21.81	21.81	21.88							
14	QPSK	1	75	21.81	21.74	21.78							
14	QPSK	3	0	21.88	21.82	21.94							
14	QPSK	3	25	21.88	21.82	21.77							
14	QPSK	3	49	21.88	21.82	21.77							
14	QPSK	6	0	21.84	21.75	21.90		23	0				
14	HQAM	1	0	21.78	21.75	21.82							
14	HQAM	1	25	21.78	21.75	21.82							
14	HQAM	1	49	21.78	21.75	21.82							
14	HQAM	1	75	21.78	21.75	21.82							
14	HQAM	3	0	21.73	21.75	21.82							
14	HQAM	3	25	21.73	21.75	21.82		23	0				
14	HQAM	3	49	21.73	21.75	21.82							
14	HQAM	6	0	21.68	21.68	21.71							
14	HQAM	6	25	21.68	21.68	21.71							
14	HQAM	6	49	21.68	21.68	21.71							
14	HQAM	1	75	21.78	21.83	21.84							
14	HQAM	3	0	21.81	21.77	21.77							
14	HQAM	3	25	21.81	21.77	21.77							
14	HQAM	3	49	21.81	21.77	21.77							
14	HQAM	6	0	21.75	21.80	21.80		22	1				
14	HQAM	6	25	21.75	21.80	21.80							
14	HQAM	6	49	21.75	21.80	21.80							
14	HQAM	15	0	20.12	20.09	20.01							
14	HQAM	15	25	20.12	20.09	20.01							
14	HQAM	15	49	20.12	20.09	20.01							
14	25QAM	1	0	19.15	19.05	19.09							
14	25QAM	1	14	19.08	19.04	19.09		20	3				
14	25QAM	1	28	19.02	19.03	19.03							
14	25QAM	1	42	19.06	19.03	19.03							
14	25QAM	8	7	19.11	19.05	19.00							
14	25QAM	15	0	19.08	19.07	19.01							
14	25QAM	15	14	19.08	19.07	19.01							
14	25QAM	15	28	19.08	19.07	19.01							
14	25QAM	15	42	19.08	19.07	19.01							

LTE Band 21 Ant1													
BWP ID	Modulation	RB Size	RB Offset	Power Low		Power Mid		Power High		Turn-on (dBm)	Mgmt (dB)		
				2400	2410	2420	2430	2440	2450				
Channel													
Frequency (MHz)													
10	QPSK	1	0	24.06	24.10	24.81							
10	QPSK	1	20	23.84	24.05	23.86					0		
10	QPSK	1	40	23.84	23.92	23.83							
10	QPSK	1	60	23.52	23.18	23.18							
10	QPSK	25	0	23.07	23.01	23.02					24		
10	QPSK	25	20	23.08	23.08	23.02							
10	QPSK	25	40	23.06	23.13	23.03							
10	16QAM	1	8	23.14	23.31	23.11							
10	16QAM	1	25	23.11	23.27	23.17							
10	16QAM	1	40	23.14	23.27	23.13							
10	16QAM	25	0	21.94	22.03	22.05							
10	16QAM	25	12	22.00	21.98	21.87					2		
10	16QAM	25	25	22.00	21.98	21.87							
10	16QAM	50	0	22.06	22.15	22.04							
10	16QAM	1	8	22.27	22.24	22.38							
10	16QAM	1	25	22.27	22.24	22.38							
10	16QAM	1	40	22.25	22.30	22.23							
10	16QAM	25	0	21.18	21.08	21.08							
10	16QAM	25	12	21.09	20.88	21.11					22		
10	16QAM	25	25	21.09	20.88	21.11							
10	16QAM	50	0	20.97	21.18	21.14							
10	25QAM	1	8	19.01	19.14	19.37					20		
10	25QAM	1	25	19.01	19.14	19.37							
10	25QAM	1	40	19.03	19.14	19.30							
10	25QAM	25	0	18.76	19.09	19.12					20		
10	25QAM	25	12	18.87	19.01	19.48							
10	25QAM	25	25	18.96	19.28	19.95							
10	25QAM	50	0	18.94	19.22	19.10							
Frequency (MHz)													
5	QPSK	1	0	70.5	70.5	71.5				115.5			
5	QPSK	1	8	23.98	23.84	23.87							
5	QPSK	1	20	23.98	23.84	23.87					0		
5	QPSK	1	40	23.98	23.79	23.72							
5	QPSK	12	0	22.85	23.10	22.86							
5	QPSK	12	20	22.85	23.10	22.86							
5	QPSK	12	40	22.85	23.10	22.86							
5	QPSK	12	13	22.85	22.99	22.79					24		
5	QPSK	25	0	22.77	23.08	22.88							
5	QPSK	25	12	22.77	23.08	22.88							
5	QPSK	25	25	22.77	23.08	22.88							
5	16QAM	1	12	20.93	20.91	21.70					24		
5	16QAM	1	24	20.97	21.89	21.92							
5	16QAM	12	0	21.79	21.86	21.92							
5	16QAM	12	13	21.79	21.86	21.92					2		
5	16QAM	25	0	21.87	22.10	21.89							
5	16QAM	25	12	21.87	22.10	21.89							
5	16QAM	25	25	21.87	22.10	21.89							
5	16QAM	1	8	22.12	22.00	22.02					2		
5	16QAM	1	24	22.15	22.23	22.18							
5	16QAM	12	0	22.04	22.06	22.08							
5	16QAM	12	7	22.00	22.07	22.06					22		
5	25QAM	1	12	19.04	19.02	19.05							
5	25QAM	1	12	19.04	19.02	19.05							
5	25QAM	12	0	18.85	18.96	18.98					20		
5	25QAM	12	7	18.85	18.96	18.98							
5	25QAM	12	13	18.85	18.96	18.98							
5	25QAM	25	0	18.74	19.14	19.90							
Channel													
Frequency (MHz)													
3	QPSK	1	0	69.0	69.0	71.5				115.5			
3	QPSK	1	8	23.65	23.84	23.79					0		
3	QPSK	1	14	23.77	23.72	23.75							
3	QPSK	1	20	23.65	23.68	23.64							
3	QPSK	8	4	22.82	23.03	23.04					24		
3	QPSK	8	7	22.88	22.88	22.79							
3	16QAM	1	8	22.82	23.04	22.84							
3	16QAM	1	8	22.88	23.23	23.02							
3	16QAM	1	8	23.23	23.22	23.04					24		
3	16QAM	1	8	23.23	23.22	23.04							
3	16QAM	8	0	21.83	21.90	21.91							
3	16QAM	8	4	22.03	21.80	21.87							
3	16QAM	8	4	22.03	21.80	21.87							
3	16QAM	8	4	22.03	21.80	21.87					2		
3	16QAM	15	0	21.96	21.99	21.84							
3	16QAM	1	0	22.23	22.18	22.19							
3	16QAM	1	8	22.13	21.99	22.09					22		
3	16QAM	1	14	22.13	21.99	22.09							
3	16QAM	8	0	21.03	20.94	20.89							
3	16QAM	8	4	20.88	20.83	20.87					22		
3	16QAM	8	4	20.88	20.83	20.87							
3	16QAM	15	0	20.85	21.13	21.02							
3	25QAM	1	0	18.84	18.96	19.11					20		
3	25QAM	1	0	18.84	18.96	19.11							
3	25QAM	1	13	19.03	19.03	19.13							
3	25QAM	8	0	18.97	19.04	19.04							
3	25QAM	8	7	18.98	19.04	19.04							
3	25QAM	8	7	18.98	19.02	18.84					20		
3	25QAM	15	0	18.77	19.07	18.87							
Frequency (MHz)													
1.4	QPSK	1	0	69.0	69.0	71.5				115.5			
1.4	QPSK	1	0	24.00	24.08	23.94							
1.4	QPSK	1	8	23.87	23.87	23.73					0		
1.4	QPSK	1	8	23.71	23.81	23.67							
1.4	QPSK	3	0	23.87	23.97	23.83							
1.4	QPSK	3	0	23.75	23.89	23.78							
1.4	QPSK	3	8	23.75	23.78	23.83							
1.4	QPSK	6	0	22.94	22.97	22.88							
1.4	16QAM	1	8	23.74	23.83	23.59					24		
1.4	16QAM	3	0	22.98	23.18	23.02							
1.4	16QAM	3	8	22.98	23.09	22.94							
1.4	16QAM	6	0	21.76	21.84	21.73					23		
1.4	16QAM	6	8	21.76	21.84	21.73							
1.4	16QAM	1	3	22.83	23.83	21.86							
1.4	16QAM	1	3	21.82	21.81	21.79					23		
1.4	16QAM	3	0	22.98	23.09	22.80							
1.4	16QAM	3	3	21.84	22.12	21.68							
1.4	25QAM	1	3	19.05	19.05	19.12					22		
1.4	25QAM	1	3	19.06	19.03	18.87							
1.4	25QAM	3	0	18.78	19.03	19.03					20		
1.4	25QAM	3	3	18.88	19.37	18.83							
1.4	25QAM	3	3	19.02	19.07	18.83							
1.4	25QAM	6	0	18.92	19.07	18.83					20		

LTE Band 3 AnT1										
RF Band	Modulation	RB Size	RB Offset	Channel	Channel Center Freq.	Channel Width	Channel Margin	Channel Margin	Turn-on Time (ms)	APN (dB)
Channel					2550	2550	2550	2550	Turn-on Time (ms)	APN (dB)
5	QPSK	1	0	Frequency	2550	2550	2550	2550		
5	QPSK	1	25		25.82				23	0
5	QPSK	1	40		25.83					
5	QPSK	5	0		25.92					
5	QPSK	25	12		25.92				23	
5	QPSK	25	25		25.95					
5	QPSK	25	40		25.96					
5	TDMA	1	0		25.79					
5	TDMA	1	25		25.81				23	0
5	TDMA	1	40		25.82					
5	TDMA	5	0		25.92					
5	TDMA	25	12		25.96				23	0
5	TDMA	25	25		25.99					
5	TDMA	25	40		26.00					
5	TDMA	50	0		26.00					
5	TDMA	1	0		25.81					
5	TDMA	1	25		25.83				23	0
5	TDMA	1	40		25.84					
5	TDMA	5	0		25.95					
5	TDMA	25	12		25.11				22	1
5	TDMA	25	25		25.28					
5	TDMA	25	40		25.28					
5	TDMA	50	0		25.28					
5	TDMA	1	0		26.00					
5	TDMA	1	25		26.00				20	3
5	TDMA	1	40		26.01					
5	TDMA	5	0		26.05					
5	TDMA	25	12		26.05				20	3
5	TDMA	25	25		26.06					
5	TDMA	25	40		26.06					
5	TDMA	50	0		26.06					
Channel					2550	2550	2550	2550	Turn-on Time (ms)	APN (dB)
5	Frequency	1	0		25.50	25.50	25.50	25.50		
5	QPSK	1	12		25.77	25.80	25.81	25.81	23	0
5	QPSK	1	24		25.80	25.82	25.84	25.84		
5	QPSK	5	0		25.92	25.94	25.96	25.96		
5	QPSK	12	7		25.91	25.96	25.98	25.98	23	0
5	QPSK	12	13		25.92	25.95	25.91	25.91		
5	QPSK	25	0		25.94	25.97	25.93	25.93		
5	TDMA	1	0		25.71	25.75	25.75	25.75		
5	TDMA	1	12		25.80	25.80	25.80	25.80	23	0
5	TDMA	1	24		25.81	25.81	25.81	25.81		
5	TDMA	12	0		25.77	25.78	25.78	25.78	23	0
5	TDMA	12	7		25.80	25.81	25.82	25.82		
5	TDMA	12	13		25.84	25.83	25.82	25.82	23	0
5	TDMA	25	0		25.98	25.99	25.99	25.99		
5	TDMA	1	0		25.80	25.80	25.74	25.74		
5	TDMA	1	12		25.80	25.80	25.74	25.74	23	0
5	TDMA	1	24		25.81	25.81	25.74	25.74		
5	TDMA	12	0		25.94	25.91	25.95	25.95		
5	TDMA	12	7		25.92	25.98	25.91	25.91	22	1
5	TDMA	12	13		25.94	25.91	25.91	25.91		
5	TDMA	25	0		25.91	25.92	25.91	25.91		
5	TDMA	1	0		26.00	26.00	26.00	26.00	20	3
5	TDMA	1	12		26.01	26.01	26.01	26.01		
5	TDMA	1	24		26.01	26.01	26.01	26.01		
5	TDMA	12	0		26.06	26.06	26.07	26.07		
5	TDMA	12	7		26.06	26.07	26.06	26.06		
5	TDMA	12	13		26.06	26.07	26.06	26.06		
5	TDMA	25	0		26.06	26.06	26.02	26.02	20	3

LTE Band 14 Ant1										
5G NR Band	Modulation	RBs	RBs	RB Offset	Power Low Freq. (dBm)	Power Middle Freq. (dBm)	Power High Freq. (dBm)	Time slot (ms)	Antenna (dBS)	Latency (ms)
Channel						2330	2330			
5	QPSK	1	0	0	22.7	22.7	22.7	23	0	
10	QPSK	1	25	22.21						
15	QPSK	1	40	22.0						
15	QPSK	25	12	22.08						
15	QPSK	25	25	22.20						
10	QPSK	1	0	22.05				23	0	
10	QPSK	1	25	22.1						
10	QPSK	1	40	22.09						
10	QPSK	25	12	22.1						
10	QPSK	25	25	22.14						
10	QPSK	50	0	22.0				23	0	
10	QPSK	50	25	22.21						
10	QPSK	50	50	22.2						
10	QPSK	25	12	22.1						
10	QPSK	25	25	22.22						
10	QPSK	25	25	22.22				22	1	
10	QPSK	25	0	21.95						
10	QPSK	25	12	21.93						
10	QPSK	25	25	22.0						
10	QPSK	25	50	22.05						
10	QPSK	25	0	19.25				20	3	
10	QPSK	25	12	19.13						
10	QPSK	25	25	19.18						
10	QPSK	25	40	19.2						
10	QPSK	25	0	19.08						
10	QPSK	25	12	19.13				20	3	
10	QPSK	25	25	19.18						
10	QPSK	25	40	19.2						
10	QPSK	25	0	19.08						
10	QPSK	25	50	19.08						
Channel						2330	2330	2330	2330	2330
5	QPSK	1	0	0	22.04	22.06	21.97	23	0	
5	QPSK	1	12	21.95	21.91	21.91	21.91			
5	QPSK	1	24	21.96	21.97	21.96	21.96			
5	QPSK	1	36	21.98	21.98	21.98	21.98			
5	QPSK	12	7	21.97	21.93	21.98	21.98			
5	QPSK	12	13	21.99	21.98	21.99	21.99	23 <td rowspan="5">0</td> <td rowspan="5"></td>	0	
5	QPSK	12	19	21.98	21.97	21.99	21.99			
5	QPSK	12	25	21.93	21.93	21.97	21.97			
5	QPSK	12	31	21.98	21.93	21.93	21.93			
5	QPSK	12	37	21.96	21.96	21.96	21.96			
5	QPSK	12	0	21.94	21.91	21.95	21.95	22	1	
5	QPSK	12	7	21.98	21.94	21.93				
5	QPSK	12	13	21.94	21.94	21.94				
5	QPSK	12	19	21.94	21.94	21.94				
5	QPSK	12	25	20.97	20.93	20.95				
5	QPSK	1	0	19.14	19.13	19.06		20	3	
5	QPSK	1	12	19.02	19.02	19.02				
5	QPSK	1	24	19.21	19.20	19.20				
5	QPSK	12	0	19.03	19.07	19.04				
5	QPSK	12	7	19.02	19.06	19.06				
5	QPSK	12	13	19.17	19.17	19.17		20	3	
5	QPSK	12	19	19.02	19.02	19.02				
5	QPSK	12	25	19.08	19.02	19.08				
5	QPSK	12	31	19.08	19.02	19.08				
5	QPSK	12	37	19.08	19.02	19.08				

LTE Band 25 Ant1												
RF (MHz)	Multiplexing	RB Size	RB Offset	Power Level Channel	Power Level Pilot	Power Level Pilot	Power Level Pilot	Time slot (sub)	APR (dB)			
Frequency (MHz)												
25	QPSK	1	0	20.40	20.40	20.41						
25	QPSK	1	48	20.23	20.23	20.28						
25	QPSK	1	96	20.06	20.06	20.16						0
25	QPSK	50	3	20.44	20.44	20.48						
25	QPSK	50	24	20.33	20.33	20.38						
25	QPSK	50	50	20.26	20.26	20.32						21.5
25	QPSK	50	75	20.19	20.19	20.26						
25	16QAM	1	0	20.40	20.41	20.42						
25	16QAM	1	48	20.23	20.24	20.26						
25	16QAM	1	96	20.06	20.07	20.10						
25	16QAM	50	3	20.44	20.44	20.48						
25	16QAM	50	24	20.33	20.33	20.38						
25	16QAM	50	50	20.26	20.26	20.32						21.5
25	16QAM	50	75	20.19	20.19	20.26						
25	16QAM	100	0	20.44	20.37	20.34						
25	16QAM	100	1	18.33	18.38	18.74						
25	16QAM	1	48	18.94	18.77	18.83						19.5
25	16QAM	1	96	18.62	18.57	18.65						
25	16QAM	50	24	18.94	18.83	18.87						
25	16QAM	50	50	18.58	18.62	18.71						19.5
25	16QAM	50	75	18.58	18.68	18.81						
25	16QAM	100	0	18.33	18.34	18.49						
Frequency (MHz)												
15	QPSK	1	0	20.28	20.48	20.18						
15	QPSK	1	48	20.11	20.31	20.01						21.5
15	QPSK	1	96	20.38	20.11	20.28						
15	QPSK	50	3	20.39	20.34	20.22						
15	QPSK	50	24	20.34	20.29	20.16						
15	QPSK	50	50	20.29	20.17	20.09						21.5
15	QPSK	50	75	20.18	20.06	20.01						
15	QPSK	100	0	20.39	20.34	20.22						
15	16QAM	1	37	20.23	20.35	20.13						21.5
15	16QAM	1	74	20.23	20.35	20.13						
15	16QAM	1	111	20.23	20.35	20.13						
15	16QAM	50	24	20.13	20.23	20.35						21.5
15	16QAM	50	50	20.13	20.23	20.35						
15	16QAM	50	75	20.13	20.23	20.35						
15	16QAM	100	0	20.13	20.23	20.35						
15	16QAM	100	1	18.38	18.51	18.68						
15	16QAM	100	2	18.38	18.51	18.68						19.5
15	16QAM	100	3	18.38	18.51	18.68						
15	16QAM	100	4	18.38	18.51	18.68						
15	16QAM	100	5	18.38	18.51	18.68						
15	16QAM	100	6	18.38	18.51	18.68						
15	16QAM	100	7	18.38	18.51	18.68						
15	16QAM	100	8	18.38	18.51	18.68						
Frequency (MHz)												
5	QPSK	1	0	20.25	20.38	20.15						
5	QPSK	1	12	20.13	20.09	20.18						
5	QPSK	1	24	20.05	20.04	20.19						
5	QPSK	1	36	20.01	20.01	20.20						
5	QPSK	12	7	20.17	20.29	20.13						
5	QPSK	12	13	20.13	20.18	20.08						
5	QPSK	12	19	20.09	20.12	20.11						
5	16QAM	1	0	20.24	20.17	20.23						
5	16QAM	1	12	20.18	20.21	20.28						21.5
5	16QAM	1	24	20.13	20.28	20.23						
5	16QAM	1	36	20.09	20.23	20.14						
5	16QAM	12	0	20.19	20.23	20.14						
5	16QAM	1	0	20.22	20.21	20.27						21.5
5	16QAM	1	12	20.17	20.21	20.27						
5	16QAM	1	24	20.13	20.18	20.27						
5	16QAM	12	3	20.20	20.38	20.21						
5	16QAM	12	9	20.17	20.38	20.21						
5	16QAM	12	15	20.21	20.15	20.19						21.5
5	16QAM	24	0	20.28	20.30	20.27						
5	16QAM	1	0	20.28	20.30	20.27						
5	16QAM	1	12	20.18	20.38	20.27						19.5
5	16QAM	1	24	20.18	20.49	20.38						
5	16QAM	1	36	20.15	20.49	20.38						
5	16QAM	12	7	20.18	20.18	20.41						
5	16QAM	12	13	20.18	20.18	20.41						
5	16QAM	12	19	20.18	20.18	20.41						
5	16QAM	24	0	20.19	20.23	20.14						
5	16QAM	1	0	20.22	20.21	20.27						21.5
5	16QAM	1	12	20.17	20.21	20.27						
5	16QAM	1	24	20.13	20.18	20.27						
5	16QAM	12	3	20.20	20.38	20.21						
5	16QAM	12	9	20.17	20.38	20.21						
5	16QAM	12	15	20.21	20.15	20.19						21.5
5	16QAM	24	0	20.28	20.30	20.27						
5	16QAM	1	0	20.28	20.30	20.27						
5	16QAM	1	12	20.18	20.38	20.27						19.5
5	16QAM	1	24	20.18	20.49	20.38						
5	16QAM	1	36	20.15	20.49	20.38						
5	16QAM	12	7	20.18	20.18	20.41						
5	16QAM	12	13	20.18	20.18	20.41						
5	16QAM	12	19	20.18	20.18	20.41						
Frequency (MHz)												
1.4	QPSK	1	0	20.24	20.31	20.23						
1.4	QPSK	1	3	20.19	20.08	20.22						
1.4	QPSK	1	6	20.14	20.03	20.17						
1.4	QPSK	3	1	20.24	20.13	20.09						
1.4	QPSK	3	4	20.19	20.08	20.17						
1.4	QPSK	6	0	20.12	20.03	20.14						21.5
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						21.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						21.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						21.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						19.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						19.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27	20.13	20.07						
1.4	16QAM	1	0	20.24	20.29	20.31						19.5
1.4	16QAM	1	3	20.19	20.28	20.31						
1.4	16QAM	3	0	20.32	20.14	20.08						
1.4	16QAM	3	3	20.27								

LTE Band 26 Ant1												
Ref	Modulation	RB Size	RB Offset	Low Pilot	Normal Pilot	High Pilot	Turn-up (dBm)	APRS (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.93	22.05	21.81						
15	QPSK	1	37	21.88	21.93	21.80	23	0				
15	QPSK	36	0	21.93	22.05	21.81						
15	QPSK	36	9	21.81	21.92	21.89						
15	QPSK	36	20	21.80	21.87	21.80	23	0				
15	QPSK	36	29	21.87	21.92	21.80						
15	QPSK	75	0	21.76	21.92	21.85						
15	16QAM	1	0	21.83	21.88	21.78						
15	16QAM	1	37	21.78	21.83	21.75	23	0				
15	16QAM	1	34	21.76	21.79	21.67						
15	16QAM	36	0	21.92	21.98	21.84						
15	16QAM	36	9	21.80	21.86	21.78	23	0				
15	16QAM	36	20	21.91	21.91	21.84						
15	16QAM	75	0	21.86	21.78	21.76						
15	16QAM	75	37	21.76	21.76	21.67	23	0				
15	16QAM	1	37	21.94	21.96	21.89						
15	64QAM	1	24	21.83	21.87	21.84						
15	64QAM	1	37	21.80	21.83	21.78	23	0				
15	64QAM	36	0	21.91	21.91	21.84						
15	64QAM	36	20	21.97	21.91	21.04	22					
15	64QAM	36	59	21.90	21.79	20.90						
15	256QAM	1	0	21.90	21.90	21.82						
15	256QAM	1	37	21.88	21.76	21.78	20	3				
15	256QAM	36	0	21.88	21.88	21.80						
15	256QAM	36	9	21.83	21.83	21.85	20	1				
15	256QAM	36	20	21.86	21.79	21.80						
15	256QAM	75	0	21.86	21.79	21.75						
Frequency (MHz)									Turn-up (dBm) APRS (dB)			
15	QPSK	1	0	21.77	21.84	21.76						
15	QPSK	1	25	21.73	21.77	21.68	23	0				
15	QPSK	36	0	21.73	21.73	21.65						
15	QPSK	36	9	21.71	21.71	21.76						
15	QPSK	36	25	21.86	21.82	21.87	23	0				
15	QPSK	36	59	21.80	21.76	21.76						
15	16QAM	1	0	21.82	21.72	21.62						
15	16QAM	1	37	21.72	21.72	21.62	23	0				
15	16QAM	1	45	21.84	21.79	21.52						
15	16QAM	25	0	21.76	21.68	21.84						
15	16QAM	25	12	21.80	21.72	21.80	23	0				
15	16QAM	36	0	21.82	21.80	21.80						
15	16QAM	50	0	21.80	21.77	21.89						
15	64QAM	1	25	21.80	21.79	21.81						
15	64QAM	1	40	21.87	21.89	21.76						
15	64QAM	25	0	21.71	21.61	21.71						
15	64QAM	25	12	21.80	21.70	21.86	23	0				
15	64QAM	25	20	21.91	21.82	21.80						
15	64QAM	50	0	21.83	21.76	21.80						
15	256QAM	1	25	21.88	21.84	21.84	20	3				
15	256QAM	1	40	21.85	21.80	21.85						
15	256QAM	25	0	21.80	21.72	21.87						
15	256QAM	25	12	21.83	21.73	21.89	23	0				
15	256QAM	36	0	21.87	21.77	21.77						
15	256QAM	36	9	21.85	21.75	21.87						
15	256QAM	36	25	21.90	21.82	21.97	22					
15	256QAM	36	59	21.84	21.76	21.86						
15	256QAM	50	0	21.86	21.78	21.91						
15	256QAM	75	0	21.82	21.74	21.87	23	0				
15	256QAM	75	37	21.72	21.71	21.62						
15	256QAM	1	37	21.94	21.96	21.89						
15	256QAM	1	40	21.87	21.89	21.76						
15	256QAM	25	0	21.76	21.68	21.84						
15	256QAM	25	12	21.80	21.72	21.80	23	0				
15	256QAM	25	20	21.91	21.82	21.80						
15	256QAM	50	0	21.83	21.76	21.80						
15	256QAM	75	0	21.86	21.78	21.75						
15	256QAM	75	37	21.76	21.76	21.67	23	0				
Frequency (MHz)									Turn-up (dBm) APRS (dB)			
15	QPSK	1	0	21.77	21.84	21.76						
15	QPSK	1	8	21.73	21.83	21.68	23	0				
15	QPSK	1	14	21.74	21.78	21.68						
15	QPSK	1	21	21.75	21.78	21.76						
15	QPSK	8	4	21.72	21.78	21.64	23	0				
15	QPSK	8	7	21.78	21.73	21.71						
15	QPSK	8	14	21.79	21.73	21.72						
15	16QAM	1	0	21.81	21.73	21.65						
15	16QAM	1	8	21.80	21.79	21.71	23	0				
15	16QAM	1	14	21.81	21.76	21.71						
15	16QAM	8	4	21.82	21.84	21.77						
15	16QAM	8	7	21.86	21.81	21.76	23	0				
15	16QAM	8	14	21.85	21.79	21.77						
15	64QAM	1	0	21.86	21.71	21.60						
15	64QAM	1	8	21.87	21.80	21.71	23	0				
15	64QAM	1	14	21.83	21.78	21.72						
15	64QAM	8	4	21.81	21.76	21.72						
15	64QAM	8	7	21.85	21.86	21.75	22					
15	64QAM	8	14	21.87	21.82	21.84						
15	256QAM	1	8	21.87	21.84	21.80	23	0				
15	256QAM	1	14	21.87	21.82	21.86						
15	256QAM	8	4	21.86	21.87	21.87	23	0				
15	256QAM	8	7	21.90	21.85	21.81						
15	256QAM	8	14	21.83	21.86	21.84						
15	256QAM	15	0	21.89	21.72	21.86	20	3				
Frequency (MHz)									Turn-up (dBm) APRS (dB)			
15	QPSK	1	0	21.79	21.89	21.83						
15	QPSK	1	3	21.78	21.87	21.84						
15	QPSK	1	5	21.88	21.79	21.72	23	0				
15	QPSK	3	3	21.86	21.78	21.76						
15	QPSK	3	7	21.87	21.74	21.66						
15	QPSK	3	9	21.86	21.83	21.82	23	0				
15	16QAM	1	0	21.88	21.84	21.75						
15	16QAM	1	3	21.89	21.80	21.69						
15	16QAM	3	3	21.87	21.81	21.84	23	0				
15	16QAM	3	7	21.89	21.74	21.67						
15	16QAM	8	8	21.83	21.87	21.72	23	0				
15	16QAM	8	9	21.73	21.67	21.59						
15	16QAM	15	0	21.83	21.83	21.76	23	0				
15	64QAM	1	5	21.87	21.83	21.76						
15	64QAM	3	0	21.80	21.87	21.74	23	0				
15	64QAM	3	3	21.81	21.80	21.86						
15	64QAM	3	7	21.84	21.76	21.85	22	1				
15	256QAM	1	3	21.86	21.86	21.83						
15	256QAM	1	5	21.80	21.81	21.81						
15	256QAM	3	3	21.76	21.84	21.81	20	3				
15	256QAM	3	7	21.79	21.84	21.81						
15	256QAM	3	9	21.89	21.84	21.83						
15	256QAM	15	0	21.86	21.74	21.85	20	3				

LTE Band 66 AnT1													
SP	BSF	Modulation	RB Size	RB Offset	Channel	Low 150022	Mid 150022	High 150022	Turn-on (ms)	Mbps (dB)			
Frequency (MHz)													
20	SPRS	1	0		22.42	22.23	22.48	22.47					
20	SPRS	1	40		22.28	22.33	22.48						
20	SPRS	50	0		22.43	22.43	22.57			21.5			
20	SPRS	50	50		22.32	22.43	22.57						
20	SPRS	50	24		22.27	22.43	22.54						
20	SPRS	50	80		22.28	22.43	22.54			21.5			
20	SPRS	50	120		22.29	22.43	22.54						
20	SPRS	1	0		22.29	22.38	22.45						
20	SPRS	1	40		22.29	22.38	22.45			21.5			
20	SPRS	50	0		21.30	21.31	21.50						
20	SPRS	50	24		21.30	21.31	21.50			22.5			
20	SPRS	50	80		21.31	21.32	21.50						
20	SPRS	50	120		21.27	21.16	21.20						
20	SPRS	1	0		21.27	21.31	21.49						
20	SPRS	1	40		21.27	21.31	21.49			21.5			
20	SPRS	1	80		21.38	21.42	21.18						
20	SPRS	50	0		20.31	20.33	20.35						
20	SPRS	50	24		20.32	20.33	20.35						
20	SPRS	50	80		20.48	20.17	20.31			21.5			
20	SPRS	50	120		20.48	20.17	20.31						
20	SPRS	1	0		18.53	18.50	18.50						
20	SPRS	1	40		18.49	18.47	18.44						
20	SPRS	1	80		18.53	18.48	18.44						
20	SPRS	50	0		18.41	18.32	18.38						
20	SPRS	50	50		18.55	18.48	18.34			19.5			
20	SPRS	50	100		18.55	18.48	18.34						
Frequency (MHz)													
15	SPRS	1	0		17.15	17.16	17.25						
15	SPRS	1	0		20.13	20.26	20.28						
15	SPRS	1	37		20.13	20.26	20.31			21.5			
15	SPRS	1	74		22.25	22.23	22.07						
15	SPRS	36	0		22.12	22.23	22.08						
15	SPRS	36	36		22.08	22.23	22.08						
15	SPRS	36	72		22.04	22.11	22.08						
15	SPRS	75	0		22.08	22.22	22.24						
15	SPRS	75	36		22.18	22.23	22.23			21.5			
15	SPRS	1	37		22.02	22.21	22.08						
15	SPRS	1	74		22.05	22.14	22.07						
15	SPRS	36	0		21.30	21.14	21.05						
15	SPRS	36	36		21.16	21.24	21.07						
15	SPRS	36	72		21.05	21.16	21.07			22.5			
15	SPRS	1	0		21.11	21.18	21.28						
15	SPRS	1	37		21.18	21.32	21.49						
15	SPRS	1	74		21.27	21.32	21.49						
15	SPRS	36	0		20.19	20.36	20.07						
15	SPRS	36	36		20.24	20.36	20.07						
15	SPRS	36	72		20.34	20.36	20.07			21.5			
15	SPRS	75	0		18.33	18.33	18.30						
15	SPRS	75	36		18.33	18.33	18.30						
15	SPRS	75	72		18.42	18.38	18.28			19.5			
15	SPRS	36	0		18.12	18.31	18.28						
15	SPRS	36	36		18.33	18.27	18.23			20.5			
15	SPRS	36	72		18.42	18.38	18.23						
15	SPRS	75	0		18.30	18.29	18.23						
15	SPRS	75	36		18.30	18.29	18.23			19.5			
15	SPRS	75	72		18.42	18.38	18.23						
Frequency (MHz)													
10	SPRS	1	0		22.15	22.14	22.20						
10	SPRS	1	25		22.01	22.12	22.20			21.5			
10	SPRS	1	50		22.15	22.15	22.20						
10	SPRS	25	0		22.17	22.19	22.16						
10	SPRS	25	25		22.13	22.15	22.16						
10	SPRS	25	50		22.13	22.15	22.16			21.5			
10	SPRS	25	75		22.11	22.15	22.16						
10	SPRS	50	0		22.19	22.11	22.22						
10	SPRS	50	25		22.19	22.11	22.22			21.5			
10	SPRS	1	40		22.11	22.11	22.17						
10	SPRS	1	80		21.26	21.26	21.21						
10	SPRS	25	0		21.20	21.20	21.30						
10	SPRS	25	25		21.27	21.13	21.21			22.5			
10	SPRS	25	50		21.03	21.21	21.30						
10	SPRS	25	75		21.30	21.29	21.31			21.5			
10	SPRS	1	40		21.20	21.23	21.18						
10	SPRS	50	0		20.40	20.11	20.42						
10	SPRS	50	25		20.42	20.11	20.43						
10	SPRS	50	50		19.48	19.35	19.44			19.5			
10	SPRS	1	25		18.30	18.51	18.46						
10	SPRS	1	40		18.35	18.58	18.50						
10	SPRS	1	80		18.38	18.58	18.50			19.5			
10	SPRS	25	12		18.22	18.22	18.26						
10	SPRS	25	25		18.22	18.22	18.26			19.5			
10	SPRS	25	50		18.30	18.28	18.26						
10	SPRS	25	75		18.30	18.28	18.26			20.5			
10	SPRS	25	100		18.42	18.41	18.34						
10	SPRS	25	125		18.42	18.41	18.34			19.5			
10	SPRS	25	150		18.31	18.36	18.16						
10	SPRS	25	175		18.36	18.17	18.37						
Frequency (MHz)													
5	SPRS	1	0		17.15	17.16	17.25						
5	SPRS	1	0		20.13	20.26	20.28						
5	SPRS	1	12		20.04	20.13	20.28						
5	SPRS	1	24		22.14	22.23	22.11						
5	SPRS	12	0		22.08	22.14	22.12						
5	SPRS	12	7		22.14	22.16	22.11						
5	SPRS	12	15		22.01	22.19	22.12						
5	SPRS	12	22		22.03	22.19	22.12			21.5			
5	SPRS	1	0		21.18	21.21	21.08						
5	SPRS	1	12		21.13	21.16	21.13						
5	SPRS	1	24		21.24	21.18	21.13			22.5			
5	SPRS	12	0		20.29	20.16	20.19						
5	SPRS	12	12		20.33	20.16	20.24						
5	SPRS	12	25		20.38	20.16	20.24			21.5			
5	SPRS	25	0		19.40	19.36	19.22						
5	SPRS	25	12		18.40	18.24	18.44						
5	SPRS	25	25		18.48	18.24	18.44			19.5			
5	SPRS	25	50		18.42	18.28	18.31						
5	SPRS	25	75		18.42	18.28	18.31			20.5			
5	SPRS	25	100		18.30	18.29	18.23						
5	SPRS	25	125		18.31	18.36	18.16						
5	SPRS	25	150		18.36	18.17	18.37						
Frequency (MHz)													
3	SPRS	1	0		17.15	17.16	17.25						
3	SPRS	1	0		20.13	20.26	20.28						
3	SPRS	1	14		22.17	22.17	22.11						
3	SPRS	8	0		22.11	22.26	22.07						
3	SPRS	8	7		22.03	22.26	22.07						
3	SPRS	8	15		22.07	22.16	22.14						
3	SPRS	8	22		22.03	22.16	22.14			21.5			
3	SPRS	1	0		21.18	21.21	21.08						
3	SPRS	1	14		21.19	21.22	21.13						
3	SPRS	8	0		20.40	20.11	20.42						
3	SPRS	8	7		20.42	20.11	20.43						
3	SPRS	1	0		19.48	19.35	19.44			19.5			
3	SPRS	1	8		18.30	18.50	18.41						
3	SPRS	1	14		18.35	18.52	18.41			20.5			
3	SPRS	8	0		18.38	18.53	18.30						
3	SPRS	8	7		18.42	18.53	18.30			19.5			
3	SPRS	15	0		18.37	18.17	18.37						
Frequency (MHz)													
1.4	SPRS	1	0		19.27	19.22	19.30	info-not- avail					
1.4	SPRS	1	3		20.16	20.12	20.28						
1.4	SPRS	3	0		20.16	20.12	20.28			21.5			
1.4	SPRS	3	6		20.05	20.16	20.16						
1.4	SPRS	3	1		20.16	20.13	20.05						
1.4	SPRS	3	4		20.16	20.13	20.05			21.5			
1.4	SPRS	1	0		21.18	21.17	21.09						
1.4	SPRS	1	3		22.22	22.10	22.24						
1.4	SPRS	1	6		22.01	22.10	22.16			22.5			
1.4	SPRS	3	0		20.16	20.12	20.28						
1.4	SPRS	3	3		21.05	21.21	20.96			21.5			
1.4	SPRS	3	6		20.10	20.20	20.96						
1.4	SPRS	1	3		19.38	19.36	19.36						
1.4	SPRS	1	6		19.34	19.43	19.39			19.5			
1.4	SPRS	1	9		19.37	19.36	19.27						
1.4	SPRS	3	3		18.42	18.26	18.21			19.5			

LTE Band 71 AnT1												
RF (MHz)	Isolation (dB)	RF (MHz)	RF (MHz)	RF (MHz)	Low Power (dBm)	Channel Width (MHz)	Channel Power (dBm)	High Power (dBm)	Time Interval (s)	Signaling (dBm)	Signaling (dBm)	
Channel												
Frequency (MHz)	1	0	25.94	25.93	25.92	15.3222	15.3222	15.3372				
20	QPSK	1	0	22.98	22.97	22.91	22.91	22.91	24	0		
20	QPSK	1	48	22.98	22.96	22.82	22.82	22.82				
20	QPSK	1	96	22.98	22.96	22.82	22.82	22.82				
20	QPSK	1	144	22.98	22.97	22.82	22.82	22.82				
20	QPSK	56	24	22.82	22.86	22.63	22.63	22.63	24	0		
20	QPSK	56	72	22.86	22.83	22.56	22.56	22.56				
20	QPSK	56	88	22.72	22.73	22.47	22.47	22.47				
20	QPSK	1	48	22.97	22.94	22.75	22.75	22.75	24	0		
20	QPSK	1	96	22.97	22.96	22.82	22.82	22.82				
20	QPSK	56	24	21.80	21.82	21.67	21.67	21.67				
20	QPSK	56	72	21.79	21.79	21.61	21.61	21.61				
20	QPSK	56	88	21.62	21.62	21.44	21.44	21.44	24	0		
20	QPSK	108	0	21.93	21.97	21.72	21.72	21.72				
20	QPSK	1	0	22.28	22.11	22.25	22.25	22.25	24			
20	QPSK	1	48	22.28	22.26	22.12	22.12	22.12				
20	QPSK	1	96	21.95	22.10	22.18	22.18	22.18	24			
20	QPSK	56	0	20.30	20.76	20.78	20.78	20.78				
20	QPSK	56	24	20.80	20.89	20.71	20.71	20.71	24			
20	QPSK	56	72	20.80	20.89	20.71	20.71	20.71				
20	QPSK	56	88	20.58	20.63	20.63	20.63	20.63	24			
20	QPSK	1	0	18.84	18.87	18.68	18.68	18.68	24			
20	QPSK	1	48	18.82	18.88	18.68	18.68	18.68				
20	QPSK	1	96	18.81	18.81	18.74	18.74	18.74	24			
20	QPSK	56	24	18.82	18.88	18.68	18.68	18.68				
20	QPSK	56	72	18.82	18.82	18.67	18.67	18.67	24			
20	QPSK	108	0	18.84	18.88	18.68	18.68	18.68				
Inter-Modulation												
Frequency (MHz)	1	0	25.94	25.93	25.92	15.315	15.305	15.305				
15	QPSK	1	0	22.48	22.58	22.42	22.42	22.42	24	0		
15	QPSK	1	48	22.48	22.48	22.42	22.42	22.42				
15	QPSK	1	96	22.44	22.42	22.51	22.51	22.51	24			
15	QPSK	56	24	22.48	22.48	22.38	22.38	22.38				
15	QPSK	56	72	22.48	22.48	22.38	22.38	22.38	24			
15	QPSK	56	88	22.32	22.48	22.45	22.45	22.45				
15	QPSK	75	0	22.44	22.35	22.44	22.44	22.44				
15	QPSK	1	0	22.44	22.34	22.44	22.44	22.44				
15	QPSK	1	48	22.44	22.34	22.44	22.44	22.44				
15	QPSK	1	96	22.44	22.34	22.44	22.44	22.44	24			
15	QPSK	56	24	21.73	21.89	21.48	21.48	21.48				
15	QPSK	56	72	21.74	21.85	21.21	21.21	21.21				
15	QPSK	56	88	21.84	21.88	21.56	21.56	21.56	24			
15	QPSK	1	0	21.87	21.83	21.79	21.79	21.79	24			
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	24	21.83	21.83	21.79	21.79	21.79				
15	QPSK	56	72	21.83	21.83	21.79	21.79	21.79	24			
15	QPSK	56	88	21.83	21.83	21.79	21.79	21.79				
15	QPSK	75	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	0	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	48	21.83	21.83	21.79	21.79	21.79				
15	QPSK	1	96	21.83	21.83	21.79	21.79	21.79	24			

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	20.5	3	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71			
20	64QAM	1	49	20.58	20.61	20.82	21.5	2	
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55			
20	64QAM	50	24	19.56	19.73	19.58	20.5	3	
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.55			
20	256QAM	1	0	17.62	17.67	17.76	18.5	5	
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74			
20	256QAM	50	0	17.66	17.51	17.53	18.5	5	
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59			
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.92	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	20.5	3	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	18.5	5	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	20.5	3	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	18.5	5	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.66	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.68	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 2 Ant4 For ENDC

RF (MHz)

Modem

RF Band

RF Offset

Low

Modem

High

RF Band

RF Offset

Time-up

MPR

Channel

Frequency (MHz)

Band

Offset

Low

Modem

High

RF Band

RF Offset

Time-up

MPR

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LTE Band 43 Ant6 (3.7GHz Band) for FCC use										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./	Power Middle Ch./	Power High Ch./	Tune-up limit (dBm)	MPR (dB)		
Channel				44190	44590	44990				
Frequency (MHz)				3610	3650	3690				
20	QPSK	1	0	22.69	22.72	22.67	24	0		
20	QPSK	1	49	22.60	22.68	22.65				
20	QPSK	1	99	22.68	22.63	22.69				
20	QPSK	50	0	21.78	21.88	21.66	23	1		
20	QPSK	50	24	21.79	21.87	21.61				
20	QPSK	50	50	21.86	21.85	21.79				
20	QPSK	100	0	21.77	21.85	21.79	23	1		
20	16QAM	1	0	21.43	21.65	21.65				
20	16QAM	1	49	21.73	21.60	21.75				
20	16QAM	1	99	21.70	21.64	21.72	22	2		
20	16QAM	50	0	20.83	20.77	20.75				
20	16QAM	50	24	20.63	20.80	20.78				
20	16QAM	50	50	20.86	20.62	20.79	22	2		
20	16QAM	100	0	20.74	20.60	20.63				
20	64QAM	1	0	20.80	20.83	20.86				
20	64QAM	1	49	20.96	20.94	20.78	22	2		
20	64QAM	1	99	20.66	20.95	20.91				
20	64QAM	50	0	19.86	19.75	19.60				
20	64QAM	50	24	19.91	19.75	19.79	21	3		
20	64QAM	50	50	19.78	19.75	19.62				
20	64QAM	100	0	19.67	19.82	19.67				
20	256QAM	1	0	17.79	17.71	17.83	19	5		
20	256QAM	1	49	17.85	17.80	17.56				
20	256QAM	1	99	17.73	17.66	17.65				
20	256QAM	50	0	17.93	17.77	17.83	19	5		
20	256QAM	50	24	17.69	17.84	17.62				
20	256QAM	50	50	17.75	17.69	17.83				
20	256QAM	100	0	17.92	17.78	17.73				
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3607.5	3650	3692.5				
15	QPSK	1	0	22.52	22.53	22.56	24	0		
15	QPSK	1	37	22.45	22.60	22.58				
15	QPSK	1	74	22.64	22.57	22.54				
15	QPSK	36	0	21.60	21.82	21.48	23	1		
15	QPSK	36	20	21.60	21.75	21.55				
15	QPSK	36	39	21.67	21.75	21.58				
15	QPSK	75	0	21.72	21.77	21.74	23	1		
15	16QAM	1	0	21.38	21.46	21.54				
15	16QAM	1	37	21.63	21.41	21.62				
15	16QAM	1	74	21.56	21.54	21.61	22	2		
15	16QAM	36	0	20.70	20.62	20.70				
15	16QAM	36	20	20.47	20.66	20.72				
15	16QAM	36	39	20.82	20.46	20.65	22	2		
15	16QAM	75	0	20.55	20.49	20.44				
15	64QAM	1	0	20.71	20.69	20.72				
15	64QAM	1	37	20.85	20.87	20.63	22	2		
15	64QAM	1	74	20.58	20.87	20.80				
15	64QAM	36	0	19.73	19.65	19.53				
15	64QAM	36	20	19.80	19.59	19.61	21	3		
15	64QAM	36	39	19.64	19.58	19.51				
15	64QAM	75	0	19.54	19.70	19.50				
15	256QAM	1	0	17.67	17.66	17.63	19	5		
15	256QAM	1	37	17.73	17.71	17.51				
15	256QAM	1	74	17.64	17.50	17.56				
15	256QAM	36	0	17.74	17.71	17.67	19	5		
15	256QAM	36	20	17.53	17.74	17.50				
15	256QAM	36	39	17.55	17.58	17.78				
15	256QAM	75	0	17.83	17.67	17.64				
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3605	3650	3695				
10	QPSK	1	0	22.55	22.54	22.57	24	0		
10	QPSK	1	25	22.44	22.56	22.51				
10	QPSK	1	49	22.59	22.52	22.51				
10	QPSK	25	0	21.61	21.75	21.52	23	1		
10	QPSK	25	12	21.66	21.82	21.57				
10	QPSK	25	25	21.68	21.70	21.57				
10	QPSK	50	0	21.64	21.77	21.73	23	1		
10	16QAM	1	0	21.31	21.56	21.54				
10	16QAM	1	25	21.64	21.48	21.59				
10	16QAM	1	49	21.62	21.56	21.54	22	2		
10	16QAM	25	0	20.68	20.71	20.68				
10	16QAM	25	12	20.43	20.61	20.67				
10	16QAM	25	25	20.67	20.57	20.70	22	2		
10	16QAM	50	0	20.61	20.42	20.55				
10	64QAM	1	0	20.70	20.79	20.79				
10	64QAM	1	25	20.86	20.84	20.64	22	2		
10	64QAM	1	49	20.50	20.88	20.73				
10	64QAM	25	0	19.74	19.66	19.48				
10	64QAM	25	12	19.86	19.60	19.64	21	3		
10	64QAM	25	25	19.73	19.58	19.43				
10	64QAM	50	0	19.53	19.74	19.50				
10	256QAM	1	0	17.69	17.53	17.69	19	5		
10	256QAM	1	25	17.70	17.68	17.51				
10	256QAM	1	49	17.64	17.62	17.48				
10	256QAM	25	0	17.79	17.65	17.70	19	5		
10	256QAM	25	12	17.52	17.76	17.49				
10	256QAM	25	25	17.68	17.61	17.68				
10	256QAM	50	0	17.76	17.71	17.61				
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3602.5	3650	3697.5				
5	QPSK	1	0	22.50	22.64	22.58	24	0		
5	QPSK	1	12	22.42	22.57	22.59				
5	QPSK	1	24	22.57	22.49	22.46				
5	QPSK	12	0	21.67	21.55	21.48	23	1		
5	QPSK	12	7	21.52	21.60	21.56				
5	QPSK	12	13	21.64	21.43	21.57				
5	QPSK	25	0	21.51	21.51	21.50	23	1		
5	16QAM	1	0	21.39	21.41	21.39				
5	16QAM	1	12	21.65	21.56	21.67				
5	16QAM	1	24	21.54	21.53	21.58	22	2		
5	16QAM	12	0	20.68	20.71	20.68				
5	16QAM	12	7	20.43	20.61	20.67				
5	16QAM	12	13	20.67	20.57	20.70	22	2		
5	16QAM	25	0	20.61	20.42	20.55				
5	64QAM	1	0	20.70	20.79	20.79				
5	64QAM	1	12	20.86	20.84	20.64	22	2		
5	64QAM	1	24	20.50	20.88	20.73				
5	64QAM	12	0	19.74	19.66	19.48				
5	64QAM	12	7	19.86	19.60	19.64	21	3		
5	64QAM	12	13	19.73	19.58	19.43				
5	64QAM	25	0	19.53	19.74	19.50	19	5		
5	256QAM	1	0	17.69	17.53	17.69				
5	256QAM	1	12	17.70	17.68	17.51				
5	256QAM	1	24	17.64	17.62	17.48	19	5		
5	256QAM	12	0	17.79	17.65	17.70				
5	256QAM	12	7	17.52	17.76	17.49				
5	256QAM	12	13	17.66	17.61	17.68				
5	256QAM	25	0	17.76	17.71	17.61				

Reduced Power Mode for DS13 Simultaneous												
<WCDMA>		WCDMA II Ant 1			WCDMA IV Ant 1			WCDMA V Ant 1				
Band		WCDMA II			WCDMA IV			WCDMA V				
TX Channel		9262	9400	9538	Tune-up Limit	1312	1413	1513	Tune-up Limit	4132	4162	4233
Rx Channel		9669	9800	9938		1639	1688	1728		4357	4407	4468
Frequency (MHz)		1852.4	1880	1907.6	(dBm)	1712.4	1732.6	1752.6	(dBm)	836.4	836.4	846.6
3GPP Rel 99	AMR 12.2Kbps	20.89	20.93	20.82	21.50	23.26	23.36	23.20	24.00	23.31	23.38	23.34
3GPP Rel 99	AMR 12.2Kbps	20.91	20.94	20.80	21.51	23.28	23.38	23.21	24.00	23.34	23.40	23.36
3GPP Rel 6	HSDPA Subtest-1	19.64	19.92	19.99	20.50	22.20	22.31	22.22	23.00	22.44	22.31	22.45
3GPP Rel 6	HSDPA Subtest-2	19.65	19.87	19.82	20.50	22.18	22.25	22.18	23.00	22.42	22.25	22.24
3GPP Rel 6	HSDPA Subtest-3	19.24	19.23	19.26	20.00	21.87	21.82	21.83	22.50	21.82	21.83	21.83
3GPP Rel 6	HSDPA Subtest-4	19.15	19.27	19.23	20.00	21.69	21.79	21.85	22.50	21.88	22.01	21.72
3GPP Rel 8	DC-HSDPA Subtest-1	19.77	19.74	19.67	20.50	22.34	22.21	22.12	23.00	22.41	22.46	22.29
3GPP Rel 8	DC-HSDPA Subtest-2	19.66	19.89	19.90	20.50	22.14	22.32	22.22	23.00	22.32	22.46	22.25
3GPP Rel 8	DC-HSDPA Subtest-3	19.49	19.42	19.38	20.00	21.67	21.77	21.82	22.50	21.86	21.82	21.86
3GPP Rel 8	DC-HSDPA Subtest-4	19.23	19.31	19.43	20.00	21.86	21.84	21.71	22.50	21.84	21.81	21.82
3GPP Rel 6	HSUPA Subtest-1	19.52	19.84	19.93	20.50	22.23	22.26	22.20	23.00	22.32	22.35	22.15
3GPP Rel 6	HSUPA Subtest-2	17.65	17.96	17.80	18.50	20.25	20.24	20.27	21.00	20.38	20.27	20.24
3GPP Rel 6	HSUPA Subtest-3	18.71	18.75	18.82	19.50	21.18	21.38	21.17	22.00	21.44	21.54	21.32
3GPP Rel 6	HSUPA Subtest-4	17.54	17.68	17.79	18.50	20.22	20.27	20.35	21.00	20.45	20.34	20.44
3GPP Rel 6	HSUPA Subtest-5	19.86	19.82	19.87	20.50	22.42	22.36	22.37	23.00	22.38	22.37	22.36
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.34	17.15	17.37	18.00	19.68	19.93	19.79	20.50	19.97	19.90	19.87

LTE Band 2 Ant1										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-int. (ms)	MFR (dB)		
Channel 1800 1800 1800										
20	QPSK	1	0	26.39	26.41	26.37	21.5	0		
20	QPSK	1	49	26.30	26.38	26.28	21.5	0		
20	QPSK	50	0	26.30	26.33	26.15	21.5	0		
20	QPSK	50	24	26.23	26.25	26.26	21.5	0		
20	QPSK	50	50	26.24	26.15	26.16	21.5	0		
20	QPSK	100	0	26.31	26.36	26.28	21.5	0		
20	16QAM	1	0	26.27	26.25	26.21	21.5	0		
20	16QAM	1	49	26.24	26.23	26.37	21.5	0		
20	16QAM	1	50	26.27	26.29	26.35	21.5	0		
20	16QAM	50	0	26.36	26.39	26.37	21.5	0		
20	16QAM	50	24	26.25	26.27	26.28	21.5	0		
20	16QAM	50	50	26.15	26.15	26.30	21.5	0		
20	16QAM	100	0	26.32	26.31	26.31	21.5	0		
20	256QAM	1	0	26.27	26.26	26.15	19.5	2		
20	256QAM	1	49	18.51	18.52	18.54	19.5	2		
20	256QAM	1	50	18.43	18.46	18.34	19.5	2		
20	256QAM	50	24	18.30	18.55	18.44	19.5	2		
20	256QAM	50	50	18.24	18.26	18.34	19.5	2		
20	256QAM	100	0	18.51	18.36	18.55	19.5	2		
Channel 1801.5 1800 1802.5										
15	QPSK	1	0	26.32	26.28	26.32	21.5	0		
15	QPSK	1	49	26.23	26.16	26.37	21.5	0		
15	QPSK	1	74	26.25	26.16	26.03	21.5	0		
15	QPSK	36	0	26.22	26.31	26.26	21.5	0		
15	QPSK	36	24	26.12	26.13	26.21	21.5	0		
15	QPSK	36	50	26.28	26.37	26.14	21.5	0		
15	QPSK	75	0	26.13	26.20	26.23	21.5	0		
15	16QAM	1	0	26.15	26.15	26.03	21.5	0		
15	16QAM	1	49	26.15	26.13	26.26	21.5	0		
15	16QAM	1	74	26.13	26.24	26.28	21.5	0		
15	16QAM	36	0	26.19	26.22	26.28	21.5	0		
15	16QAM	36	24	26.15	26.13	26.26	21.5	0		
15	16QAM	36	50	26.05	26.01	26.21	21.5	0		
15	16QAM	75	0	26.17	26.12	26.16	21.5	0		
15	16QAM	1	0	26.22	26.25	26.26	21.5	0		
15	16QAM	1	37	26.03	18.97	26.15	21.5	0		
15	16QAM	1	74	26.23	26.19	26.19	21.5	0		
15	16QAM	36	0	18.99	26.12	26.15	21.5	0		
15	16QAM	36	24	26.21	26.14	18.97	21.5	0		
15	16QAM	36	50	26.23	26.10	26.24	21.5	0		
15	16QAM	75	0	18.99	26.17	26.12	21.5	0		
15	256QAM	1	0	18.46	18.46	18.36	19.5	2		
15	256QAM	1	37	18.46	18.45	18.54	19.5	2		
15	256QAM	1	74	18.30	18.66	18.42	19.5	2		
15	256QAM	36	0	18.32	18.26	18.35	19.5	2		
15	256QAM	36	24	18.14	18.26	18.33	19.5	2		
15	256QAM	36	50	18.05	18.12	18.48	19.5	2		
15	256QAM	75	0	18.25	18.30	18.45	19.5	2		
Channel 1805 1800 1805										
10	QPSK	1	0	26.22	26.22	26.32	21.5	0		
10	QPSK	1	49	26.24	26.24	26.10	21.5	0		
10	QPSK	25	0	26.14	26.27	26.21	21.5	0		
10	QPSK	25	14	26.22	26.23	26.25	21.5	0		
10	QPSK	25	28	26.23	18.99	26.08	21.5	0		
10	QPSK	50	0	26.17	26.25	26.16	21.5	0		
10	16QAM	1	0	26.11	26.14	26.04	21.5	0		
10	16QAM	1	49	26.08	26.17	26.28	21.5	0		
10	16QAM	1	49	26.08	26.14	26.24	21.5	0		
10	16QAM	25	0	26.17	26.26	26.28	21.5	0		
10	16QAM	25	14	26.16	26.24	26.28	21.5	0		
10	16QAM	25	28	26.12	18.95	26.15	21.5	0		
10	16QAM	50	0	26.21	26.14	26.21	21.5	0		
10	16QAM	50	14	26.26	26.26	26.26	21.5	0		
10	16QAM	1	25	26.01	26.03	26.19	21.5	0		
10	16QAM	1	49	26.32	26.21	26.32	21.5	0		
10	16QAM	25	0	26.02	26.17	26.18	21.5	0		
10	16QAM	25	14	26.25	26.26	18.97	21.5	0		
10	16QAM	25	28	26.11	26.19	26.20	21.5	0		
10	16QAM	50	0	26.03	26.18	26.16	21.5	0		
10	256QAM	1	0	18.52	18.56	18.57	19.5	2		
10	256QAM	1	25	18.47	18.48	18.54	19.5	2		
10	256QAM	1	49	18.41	18.53	18.42	19.5	2		
10	256QAM	25	0	18.47	18.47	18.45	19.5	2		
10	256QAM	25	14	18.26	18.49	18.39	19.5	2		
10	256QAM	25	28	18.15	18.20	18.36	19.5	2		
10	256QAM	50	0	18.32	18.31	18.45	19.5	2		
Channel 1807.5 1800 1807.5										
5	QPSK	1	0	26.28	26.26	26.29	21.5	0		
5	QPSK	1	14	26.24	26.26	26.24	21.5	0		
5	QPSK	1	24	26.21	26.30	26.30	21.5	0		
5	QPSK	12	0	26.24	26.22	26.25	21.5	0		
5	QPSK	12	14	26.14	26.11	26.11	21.5	0		
5	QPSK	12	13	26.19	26.09	26.01	21.5	0		
5	QPSK	25	0	26.25	26.28	26.09	21.5	0		
5	16QAM	1	0	26.17	26.13	26.12	21.5	0		
5	16QAM	1	14	26.08	26.17	26.33	21.5	0		
5	16QAM	1	24	26.12	26.25	26.31	21.5	0		
5	16QAM	12	0	26.23	26.29	26.26	21.5	0		
5	16QAM	12	13	26.05	26.27	26.15	21.5	0		
5	16QAM	12	13	26.00	26.10	26.23	21.5	0		
5	16QAM	25	0	26.22	26.16	26.13	21.5	0		
5	16QAM	25	14	26.26	26.26	18.99	21.5	0		
5	16QAM	1	12	18.97	26.06	26.08	21.5	0		
5	16QAM	1	24	26.29	26.29	26.28	21.5	0		
5	16QAM	12	0	26.00	26.12	26.14	21.5	0		
5	16QAM	12	14	26.27	26.24	26.10	21.5	0		
5	16QAM	12	13	26.14	26.14	26.21	21.5	0		
5	16QAM	25	0	26.01	26.15	26.08	21.5	0		
5	256QAM	1	0	18.54	18.55	18.55	19.5	2		
5	256QAM	1	12	18.31	18.33	18.34	19.5	2		
5	256QAM	1	24	18.33	18.54	18.47	19.5	2		
5	256QAM	12	0	18.37	18.34	18.36	19.5	2		
5	256QAM	12	7	18.21	18.35	18.31	19.5	2		
5	256QAM	12	13	18.18	18.19	18.49	19.5	2		
5	256QAM	25	0	18.12	18.36	18.45	19.5	2		
Channel 1811.5 1800 1811.5										
14	QPSK	1	0	26.28	26.22	26.24	21.5	0		
14	QPSK	1	14	26.27	26.24	26.16	21.5	0		
14	QPSK	1	24	26.16	26.26	26.16	21.5	0		
14	QPSK	3	0	26.20	26.27	26.29	21.5	0		
14	QPSK	3	14	26.16	26.21	26.27	21.5	0		
14	QPSK	3	24	26.16	26.26	26.16	21.5	0		
14	QPSK	6	0	26.16	26.30	26.16	21.5	0		
14	QPSK	6	0	26.16	26.30	26.16	21.5	0		
14	16QAM	1	0	26.06	26.17	26.29	21.5	0		
14	16QAM	1	5	26.09	26.13	26.17	21.5	0		
14	16QAM	3	0	26.24	26.14	26.28	21.5	0		
14	16QAM	3	14	26.19	26.19	26.27	21.5	0		
14	16QAM	3	24	26.04	26.05	26.15	21.5	0		
14	16QAM	6	0	26.19	26.19	26.25	21.5	0		
14	16QAM	6	0	26.19	26.27	26.25	21.5	0		
14	16QAM	1	5	26.30	26.20	26.20	21.5	0		
14	16QAM	1	5	26.30	26.20	26.20	21.5	0		
14	16QAM	3	3	26.20	26.27	26.28	21.5	0		
14	16QAM	3	3	26.19	26.29	18.97	21.5	0		
14	16QAM	3	3	26.18	26.17	26.15	21.5	0		
14	16QAM	6	0	26.26	26.17	26.18	21.5	0		
14	256QAM	1	5	18.36	18.44	18.48	19.5	2		
14	256QAM	1	5	18.36	18.52	18.42	19.5	2		
14	256QAM	3	3	18.45	18.45	18.48	19.5	2		
14	256QAM	3	3	18.18	18.37	18.40	19.5	2		
14	256QAM	3	3	18.16	18.22	18.41	19.5	2		
14	256QAM	6	0	18.25	18.25	18.48	19.5	2		

LTE Band 12 Ant1												
BS (MHz)	Multicast	RB Size	RB Offset	Power DL (W)	Power UL (W)	Power UL (W)	Time-up rate (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.06	24.10	24.01			25	0		
10	QPSK	1	25	23.84	24.05	23.83						
10	QPSK	1	49	23.84	23.92	23.83						
10	QPSK	25	0	23.12	23.01	23.02						
10	QPSK	25	25	23.05	23.06	23.05						
10	QPSK	50	0	22.96	23.13	22.93			24	1		
10	16QAM	1	0	23.14	23.31	23.11						
10	16QAM	1	25	23.21	23.27	23.22						
10	16QAM	1	49	23.13	23.21	23.43						
10	16QAM	25	0	21.94	22.03	22.05						
10	16QAM	25	12	22.20	22.06	22.11			23	2		
10	16QAM	25	25	22.14	21.99	22.12						
10	16QAM	50	0	22.06	22.15	21.94						
10	64QAM	1	0	22.27	22.24	22.38						
10	64QAM	1	25	22.10	22.05	22.15						
10	64QAM	1	49	22.25	22.30	22.23			23	2		
10	64QAM	25	0	21.18	21.46	21.48						
10	64QAM	25	12	21.05	20.88	21.11						
10	64QAM	25	25	20.93	21.14	20.98						
10	64QAM	50	0	20.97	21.18	21.14						
10	256QAM	1	25	19.13	19.11	19.17			20	5		
10	256QAM	1	49	19.23	19.14	19.30						
10	256QAM	25	0	19.17	19.09	19.12						
10	256QAM	25	12	19.07	19.01	19.06						
10	256QAM	25	25	18.96	19.26	18.99						
10	256QAM	50	0	18.94	19.22	19.08			20	5		
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.98	23.94	23.87					25	0
5	QPSK	1	13	23.72	23.81	23.76						
5	QPSK	1	24	23.67	23.79	23.72						
5	QPSK	12	0	22.95	23.10	22.96						
5	QPSK	12	7	22.77	22.81	22.86						
5	QPSK	12	13	22.85	22.90	22.79			24	1		
5	QPSK	25	0	22.77	22.08	22.88						
5	16QAM	1	0	23.02	23.15	23.07						
5	16QAM	1	12	22.95	23.07	23.04						
5	16QAM	1	24	22.97	23.15	23.36						
5	16QAM	12	0	21.79	21.96	21.92			23	2		
5	16QAM	12	7	21.63	21.82	21.83						
5	16QAM	12	13	21.67	21.86	21.97						
5	16QAM	25	0	21.87	22.10	21.89						
5	16QAM	25	1	22.11	22.10	22.31						
5	16QAM	12	12	22.12	22.00	22.02			23	2		
5	64QAM	1	24	22.15	22.23	22.16						
5	64QAM	12	0	21.05	20.88	20.94						
5	64QAM	12	7	21.00	20.97	21.06						
5	64QAM	12	13	20.95	20.96	20.90						
5	64QAM	25	0	20.93	21.08	20.85			22	3		
5	64QAM	25	1	20.84	21.02	21.05						
5	256QAM	1	0	19.84	19.02	19.05						
5	256QAM	1	12	19.94	19.03	19.00						
5	256QAM	1	24	19.14	19.03	19.10						
5	256QAM	12	0	19.03	19.02	19.07			20	5		
5	256QAM	12	7	19.00	19.06	19.08						
5	256QAM	12	13	18.97	19.17	18.85						
5	256QAM	25	0	19.74	19.16	19.00						
Channel												
Frequency (MHz)												
3	QPSK	1	0	23.99	23.90	23.85			25	0		
3	QPSK	1	8	23.85	23.94	23.79						
3	QPSK	1	14	23.77	23.72	23.75						
3	QPSK	8	0	23.02	23.04	22.95						
3	QPSK	8	4	22.82	22.89	22.91						
3	QPSK	8	7	22.88	22.98	22.79			24	1		
3	QPSK	16	0	22.82	22.94	22.75						
3	16QAM	1	0	23.05	23.23	23.02						
3	16QAM	1	8	23.23	23.22	23.04						
3	16QAM	1	14	23.09	23.11	23.30						
3	16QAM	8	0	21.83	21.90	21.91			23	2		
3	16QAM	8	4	22.02	21.90	21.87						
3	16QAM	8	7	22.09	21.94	21.98						
3	16QAM	15	0	21.99	21.99	21.84						
3	64QAM	1	0	22.23	22.16	22.19						
3	64QAM	1	8	22.13	21.90	22.09			23	2		
3	64QAM	1	14	22.10	22.16	22.10						
3	64QAM	8	0	21.03	20.94	20.89						
3	64QAM	8	4	20.88	20.93	21.05						
3	64QAM	8	7	20.74	21.07	20.83						
3	64QAM	15	0	20.85	21.13	21.02			22	3		
3	256QAM	1	0	19.84	19.06	19.11						
3	256QAM	1	8	19.94	19.05	19.00						
3	256QAM	1	14	19.03	19.03	19.13						
3	256QAM	8	0	18.97	18.94	19.04						
3	256QAM	8	4	18.85	18.96	18.91			20	5		
3	256QAM	8	7	18.85	19.20	18.84						
3	256QAM	15	0	18.77	19.07	18.87						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.00	24.06	23.94			25	0		
1.4	QPSK	1	3	23.86	23.97	23.72						
1.4	QPSK	1	5	23.71	23.81	23.67						
1.4	QPSK	3	0	23.87	23.97	23.83						
1.4	QPSK	3	1	23.70	23.89	23.82						
1.4	QPSK	3	3	23.76	23.83	23.75			24	1		
1.4	QPSK	6	0	22.91	22.97	22.86						
1.4	16QAM	1	0	22.84	22.78	22.78						
1.4	16QAM	1	3	22.93	22.87	22.83						
1.4	16QAM	1	5	22.75	22.83	22.59						
1.4	16QAM	3	0	22.98	23.18	22.91			24	1		
1.4	16QAM	3	1	23.18	23.19	22.94						
1.4	16QAM	3	3	22.97	22.94	23.17						
1.4	16QAM	6	0	21.76	21.84	21.73						
1.4	64QAM	1	0	21.96	21.72	21.59			23	2		
1.4	64QAM	1	3	22.02	21.83	21.86						
1.4	64QAM	1	5	21.82	21.91	21.79						
1.4	64QAM	3	0	22.13	22.10	22.08						
1.4	64QAM	3	1	22.02	21.80	21.98						
1.4	64QAM	3	3	21.94	22.12	21.98			22	3		
1.4	64QAM	6	0	20.87	20.77	20.72						
1.4	256QAM	1	0	19.00	19.04	19.00						
1.4	256QAM	1	3	19.06	19.05	18.97						
1.4	256QAM	1	5	18.19	19.00	18.14						
1.4	256QAM	3	0	19.03	19.06	19.03			20	5		
1.4	256QAM	3	1	18.88	18.97	18.90						
1.4	256QAM	3	3	18.92	19.07	18.83						
1.4	256QAM	6	0	18.76	19.09	18.99						
1.4	256QAM	6	3	18.92	19.07	18.83						

LTE Band 13 Ant1										
BS (MHz)	Multicast	RB Size	RB Offset	Power DL (W)	Power UL (W)	Power UL (W)	Time-up rate (dBm)	MFR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.11					25	0
10	QPSK	1	25	24.02						
10	QPSK	1	49	2	25.79					
10	QPSK	1	73	2	25.79					
10	QPSK	25	12	22.69					24	
10	QPSK	25	25	22.69						
10	QPSK	25	38	22.69						
10	QPSK	25	51	22.69						
10	QPSK	1	0	25.15					24	1
10	QPSK	1	25	25.21						
10	QPSK	1	49	23.04						
10	QPSK	1	73	23.04						
10	QPSK	25	12	22.11					23	2
10	QPSK	25	25	22.21						
10	QPSK	25	38	22.21						
10	QPSK	25	51	22.21						
10	QPSK	1	0	25.15					23	2
10	QPSK	1	25	25.21						
10	QPSK	1	49	23.04						
10	QPSK	1	73	23.04						
10	QPSK	25	0	21.15					20	5
10	QPSK	25	12	21.11						
10	QPSK	25	25	21.21						
10	QPSK	25	38	21.28						
10	QPSK	1	0	19.03					20	5
10	QPSK	1	25	19.05						
10	QPSK	1	49	19.05						
10	QPSK	1	73	19.05						
10	QPSK	25	0	19.05					20	5
10	QPSK	25	12	19.05						
10	QPSK	25	25	19.05						
10	QPSK	25	38	19.05						
10	QPSK	25	51	19.05						
Channel										
Frequency (MHz)										
5	QPSK	1	0	24.98	23.99	23.99			25	0
5	QPSK	1	12	23.94	23.91	23.86				
5	QPSK	1	24	23.67	23.67	23.65				
5	QPSK	1	36	23.63	23.65	23.63				
5	QPSK	12	7	22.88	22.82	22.83			24	1
5	QPSK	12	13	22.83	22.87	22.83				
5	QPSK	12	19	22.87	22.81	22.83				
5	QPSK	1	0	20.03	20.01	20.02			23	2
5	QPSK	1	12	20.07	20.05	20.01				
5	QPSK	1	24	20.04	20.07	20.01				
5	QPSK	12	7	21.98	22.02	22.09			23	2
5	QPSK	12	13	21.91	21.94	21.93				
5	QPSK	12	19	22.02	22.06	22.09				
5	QPSK	25	0	22.00	22.01	21.98			20	5
5	QPSK	25	12	22.05	22.01	22.05				
5	QPSK	1	12	20.07	20.08	20.04			23	2
5	QPSK	1	24	20.09	20.09	20.04				
5	QPSK	12	0	21.04	21.01	21.05			22	3
5	QPSK	12	7	20.92	20.98	21.01				
5	QPSK	12	13	21.00	21.06	21.01				
5	QPSK	25	0	21.13	21.22	21.16			20	5
5	QPSK	25	1	21.11	21.22	21.16				
5	QPSK	1	0	18.91	18.91	18.93			20	5
5	QPSK	1	12	18.71	18.67	18.73				
5	QPSK	1	24	18.70	18.63	18.63				
5	QPSK	12	0	19.98	19.90	19.87			20	5
5	QPSK	12	7	19.98	19.92	19.90				
5	QPSK	12	13	19.98	19.92	19.90				
5	QPSK	25	0	19.98	19.92	19.90				

LTE Band 26 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Time-Int (sec)	MFR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.83	23.95	23.82	25	0		
15	QPSK	1	74	23.75	23.81	23.87	24	1		
15	QPSK	36	0	22.89	22.95	22.78	24	1		
15	QPSK	36	24	22.74	22.95	22.79	24	1		
15	16QAM	1	0	22.72	22.99	23.08	24	1		
15	16QAM	1	37	22.63	22.87	22.92	24	1		
15	16QAM	1	74	23.17	23.03	22.91	24	1		
15	16QAM	36	0	21.93	21.89	21.73	23	2		
15	16QAM	36	24	21.82	21.86	21.72	23	2		
15	16QAM	36	36	21.79	21.93	22.04	23	2		
15	16QAM	75	0	21.73	21.74	21.64	23	2		
15	64QAM	1	0	22.27	22.22	22.24	23	2		
15	64QAM	1	37	22.11	22.18	22.20	23	2		
15	64QAM	1	74	22.15	22.06	22.21	23	2		
15	64QAM	36	0	20.84	20.91	20.87	22	3		
15	64QAM	36	24	20.87	20.79	20.84	22	3		
15	64QAM	36	36	20.79	20.79	20.30	22	3		
15	64QAM	75	0	20.98	20.92	21.03	20	5		
15	256QAM	1	0	18.97	18.76	18.78	20	5		
15	256QAM	1	74	18.94	18.98	19.17	20	5		
15	256QAM	36	0	18.83	18.83	18.85	20	5		
15	256QAM	36	24	18.46	18.78	18.50	20	5		
15	256QAM	36	36	18.86	18.34	18.82	20	5		
15	256QAM	75	0	18.49	18.79	18.75	20	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.88	23.86	23.85	25	0		
10	QPSK	1	24	23.17	23.18	23.17	24	0		
10	QPSK	1	48	23.57	23.84	23.73	24	0		
10	QPSK	25	0	22.71	22.87	22.98	24	1		
10	QPSK	25	12	22.84	22.84	22.82	24	1		
10	QPSK	25	36	22.71	22.85	22.83	24	1		
10	QPSK	50	0	22.84	22.90	22.83	24	1		
10	16QAM	1	0	22.83	22.92	22.99	24	1		
10	16QAM	1	48	22.78	22.78	22.83	24	1		
10	16QAM	25	0	21.84	21.77	21.83	23	2		
10	16QAM	25	12	21.75	21.84	21.74	23	2		
10	16QAM	25	25	21.82	21.78	21.97	23	2		
10	16QAM	50	0	21.57	21.82	21.85	23	2		
10	64QAM	1	0	22.76	22.70	22.67	23	2		
10	64QAM	1	25	21.97	22.10	22.12	23	2		
10	64QAM	1	48	21.98	22.03	22.11	23	2		
10	64QAM	25	0	20.71	20.81	20.71	22	3		
10	64QAM	25	12	20.68	20.75	20.66	22	3		
10	64QAM	25	25	20.71	20.52	20.30	22	3		
10	64QAM	50	0	20.83	20.78	20.85	20	5		
10	256QAM	1	12	18.94	18.94	18.94	20	5		
10	256QAM	1	25	18.85	18.94	19.05	20	5		
10	256QAM	1	48	18.86	18.90	18.90	20	5		
10	256QAM	25	12	18.75	18.86	18.87	20	5		
10	256QAM	25	25	18.75	18.88	18.30	20	5		
10	256QAM	50	0	18.37	18.71	18.61	20	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.72	23.87	23.84	25	0		
5	QPSK	1	12	23.59	23.85	23.51	24	0		
5	QPSK	1	24	23.16	23.70	23.77	24	0		
5	QPSK	12	0	22.75	22.86	22.88	24	1		
5	QPSK	12	7	22.76	22.88	22.81	24	1		
5	QPSK	25	0	22.81	22.86	22.74	24	1		
5	16QAM	1	0	22.83	22.81	23.00	24	1		
5	16QAM	1	12	22.81	22.78	22.84	24	1		
5	16QAM	1	24	23.12	22.90	22.76	24	1		
5	16QAM	12	0	21.76	21.70	21.67	23	2		
5	16QAM	12	7	21.74	21.76	21.65	23	2		
5	16QAM	12	13	21.72	21.87	21.65	23	2		
5	16QAM	25	0	21.89	21.85	21.85	23	2		
5	16QAM	25	12	21.87	21.87	21.87	23	2		
5	16QAM	1	12	22.04	22.06	22.05	23	2		
5	16QAM	1	24	22.09	22.04	22.01	23	2		
5	64QAM	1	0	20.77	20.76	20.87	22	3		
5	64QAM	1	12	21.01	20.92	20.88	22	3		
5	64QAM	12	13	20.86	20.82	20.79	22	3		
5	64QAM	25	0	20.87	20.87	20.92	20	5		
5	256QAM	1	12	18.95	18.95	18.95	20	5		
5	256QAM	1	24	18.88	18.88	18.90	20	5		
5	256QAM	12	13	18.87	18.87	18.87	20	5		
5	256QAM	12	7	18.34	18.71	18.41	20	5		
5	256QAM	12	13	18.42	18.37	18.48	20	5		
5	256QAM	25	0	18.43	18.74	18.55	20	5		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.73	23.83	23.89	25	0		
3	QPSK	1	14	23.33	23.84	23.79	24	0		
3	QPSK	8	0	22.86	22.95	22.81	24	1		
3	QPSK	8	7	22.87	22.81	22.77	24	1		
3	QPSK	16	0	22.89	22.96	22.83	24	1		
3	16QAM	1	0	22.99	22.91	22.97	24	1		
3	16QAM	1	14	22.93	22.89	22.74	24	1		
3	16QAM	8	0	21.87	21.83	21.85	23	2		
3	16QAM	8	7	21.74	21.74	21.84	23	2		
3	16QAM	8	7	21.80	21.78	21.97	23	2		
3	16QAM	15	0	21.62	21.65	21.62	23	2		
3	16QAM	1	0	22.19	22.13	22.19	23	2		
3	16QAM	1	8	22.04	22.10	22.15	23	2		
3	64QAM	1	14	22.04	21.96	22.09	22	3		
3	64QAM	8	0	20.71	20.75	20.72	22	3		
3	64QAM	8	7	20.93	20.88	20.89	22	3		
3	64QAM	8	7	20.93	20.88	20.75	22	3		
3	64QAM	15	0	20.87	20.82	20.84	20	5		
3	256QAM	1	12	18.99	18.91	18.96	20	5		
3	256QAM	1	14	18.87	18.81	18.99	20	5		
3	256QAM	8	0	18.46	18.47	18.46	20	5		
3	256QAM	8	7	18.40	18.55	18.31	20	5		
3	256QAM	8	7	18.53	18.40	18.54	20	5		
3	256QAM	15	0	18.31	18.72	18.52	20	5		
Channel										
Frequency (MHz)										
14	QPSK	1	0	23.74	23.85	23.83	25	0		
14	QPSK	1	14	23.04	23.87	23.85	24	0		
14	QPSK	3	0	23.84	23.80	23.79	24	0		
14	QPSK	3	14	23.36	23.80	23.89	24	0		
14	QPSK	3	3	23.56	23.84	23.76	24	0		
14	QPSK	6	0	23.52	23.89	23.85	24	1		
14	16QAM	1	0	22.95	22.95	22.96	24	1		
14	16QAM	1	5	22.95	22.88	22.79	24	1		
14	16QAM	3	0	22.87	22.84	22.87	24	1		
14	16QAM	3	14	22.88	22.89	22.78	24	1		
14	16QAM	6	0	21.68	21.68	21.58	23	2		
14	16QAM	6	14	21.68	21.68	21.68	23	2		
14	64QAM	1	3	21.95	21.98	21.89	23	2		
14	64QAM	1	5	21.96	21.88	21.73	23	2		
14	64QAM	3	0	21.87	21.80	21.85	22	3		
14	64QAM	3	14	21.92	21.91	21.87	22	3		
14	256QAM	1	3	18.82	18.91	18.97	20	5		
14	256QAM	1	5	18.76	18.11	18.11	20	5		
14	256QAM	3	0	18.76	18.04	18.11	20	5		
14	256QAM	3	14	18.82	18.82	18.51	20	5		
14	256QAM	3	16	18.36	18.46	18.33	20	5		
14	256QAM	3	16	18.46	18.34	18.33	20	5		
14	256QAM	6	0	18.37	18.72	18.52	20	5		

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	21.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71	21.5	2	
20	64QAM	1	49	20.58	20.61	20.82			
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55	20.5	3	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	5	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	5	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	17.39		
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58			
15	64QAM	1	37	20.42	20.53	20.66	21.5	2	
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42			
15	64QAM	36	20	19.41	19.61	19.40	20.5	3	
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40			
15	256QAM	1	0	17.45	17.51	17.72	18.5	5	
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63			
15	256QAM	36	0	17.49	17.34	17.39	18.5	5	
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48	21.5		
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.82	22.13	22.05			
10	QPSK	1	25	21.95	22.01	21.85	23.5	0	
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32			
10	QPSK	25	12	21.23	21.29	21.13	22.5	1	
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16			
10	16QAM	1	0	21.41	21.57	21.45	22.5	1	
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56			
10	16QAM	25	0	20.49	20.34	20.28	21.5	2	
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55			
10	16QAM	50	0	20.45	20.46	20.28	21.5	2	
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70			
10	64QAM	1	49	20.34	20.37	20.80	20.5	3	
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41			
10	64QAM	25	25	19.53	19.36	19.61	18.5	5	
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57			
10	256QAM	1	25	17.66	17.47	17.56	18.5	5	
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40			
10	256QAM	25	12	17.36	17.29	17.33	18.5	5	
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	21.5	2	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	20.5	3	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2									
BW (MHz)	Modulation n	RB Size	RB Offset	Power Low Ch. / 3750	Power Middle Ch. / 38000	Power High Ch. / 38150	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.99	23.15	23.12	24	0	
20	QPSK	1	49	22.97	23.09	22.88			
20	QPSK	1	99	22.97	23.06	22.89			
20	QPSK	50	0	22.25	22.29	22.09			
20	QPSK	50	24	21.97	22.22	22.08	23	1	
20	QPSK	50	50	22.18	22.24	22.13			
20	QPSK	100	0	22.10	22.27	21.98			
20	16QAM	1	0	21.98	22.04	22.12			
20	16QAM	1	49	22.07	21.97	21.89	23	1	
20	16QAM	1	99	22.09	22.02	22.00			
20	16QAM	50	0	21.36	21.26	21.33			
20	16QAM	50	24	21.14	21.16	21.35			
20	16QAM	50	50	21.40	21.19	21.26	22	2	
20	16QAM	100	0	21.11	21.28	21.31			
20	64QAM	1	0	21.24	21.21	21.37			
20	64QAM	1	49	21.36	21.08	21.22			
20	64QAM	1	99	21.37	21.03	21.06	22	2	
20	64QAM	50	0	20.16	20.26	20.40			
20	64QAM	50	24	20.17	20.23	20.30			
20	64QAM	50	50	20.32	20.19	20.40			
20	64QAM	100	0	20.12	20.31	20.28	21	3	
20	256QAM	1	0	18.22	18.13	18.08			
20	256QAM	1	49	18.10	17.96	18.28			
20	256QAM	1	99	18.11	18.20	18.22			
20	256QAM	50	0	18.05	18.19	18.32	19	5	
20	256QAM	50	24	18.21	18.20	18.22			
20	256QAM	50	50	18.04	18.15	18.05			
20	256QAM	100	0	18.20	18.19	18.21			
Channel Frequency (MHz)				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.85	22.95	22.97	24	0	
15	QPSK	1	37	22.92	22.90	22.82			
15	QPSK	1	74	22.89	22.92	22.70			
15	QPSK	36	0	22.20	22.17	21.93			
15	QPSK	36	20	21.79	22.15	21.99	23	1	
15	QPSK	36	39	22.00	22.16	22.04			
15	QPSK	75	0	21.96	22.11	21.83			
15	16QAM	1	0	21.81	21.87	22.01			
15	16QAM	1	37	21.91	21.92	21.76	23	1	
15	16QAM	1	74	21.97	21.89	21.82			
15	16QAM	36	0	21.31	21.12	21.19			
15	16QAM	36	20	20.96	21.10	21.28			
15	16QAM	36	39	21.36	21.01	21.18	22	2	
15	16QAM	75	0	20.95	21.13	21.22			
15	64QAM	1	0	21.11	21.05	21.24			
15	64QAM	1	37	21.28	20.96	21.05			
15	64QAM	1	74	21.23	20.94	20.87	22	2	
15	64QAM	36	0	20.02	20.19	20.23			
15	64QAM	36	20	20.09	20.18	20.24			
15	64QAM	36	39	20.25	20.13	20.31			
15	64QAM	75	0	19.97	20.20	20.10	21	3	
15	256QAM	1	0	18.09	18.06	17.96			
15	256QAM	1	37	18.04	17.77	18.17			
15	256QAM	1	74	17.92	18.11	18.18			
15	256QAM	36	0	17.94	18.11	18.22	19	5	
15	256QAM	36	20	18.13	18.04	18.13			
15	256QAM	36	39	17.91	18.05	17.93			
15	256QAM	75	0	18.07	18.12	18.14			
Channel Frequency (MHz)				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.84	23.10	23.03	24	0	
10	QPSK	1	25	22.85	23.00	22.70			
10	QPSK	1	49	22.81	22.99	22.74			
10	QPSK	25	0	22.14	22.14	21.97			
10	QPSK	25	12	21.92	22.03	21.92	23	1	
10	QPSK	25	25	22.08	22.14	22.02			
10	QPSK	50	0	21.96	22.22	21.84			
10	16QAM	1	0	21.85	21.96	21.94			
10	16QAM	1	25	22.00	21.88	21.70	23	1	
10	16QAM	1	49	21.89	21.94	21.86			
10	16QAM	25	0	21.25	21.19	21.24			
10	16QAM	25	12	21.08	20.97	21.21			
10	16QAM	25	25	21.35	21.07	21.14	22	2	
10	16QAM	50	0	21.05	21.20	21.26			
10	64QAM	1	0	21.04	21.06	21.31			
10	64QAM	1	25	21.29	20.90	21.10			
10	64QAM	1	49	21.19	20.90	20.91	22	2	
10	64QAM	25	0	20.06	20.18	20.23			
10	64QAM	25	12	20.05	20.18	20.11			
10	64QAM	25	25	20.15	20.11	20.20			
10	64QAM	50	0	19.92	20.12	20.19	21	3	
10	256QAM	1	0	18.14	18.02	17.92			
10	256QAM	1	25	18.06	17.83	18.14			
10	256QAM	1	49	18.02	18.08	18.06			
10	256QAM	25	0	17.85	18.10	18.13	19	5	
10	256QAM	25	12	18.17	18.14	18.11			
10	256QAM	25	25	18.00	18.02	17.90			
10	256QAM	50	0	18.13	18.05	18.15			
Channel Frequency (MHz)				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.85	23.09	23.05	24	0	
5	QPSK	1	12	22.90	23.01	22.75			
5	QPSK	1	24	22.90	22.87	22.80			
5	QPSK	12	0	22.11	22.23	22.02			
5	QPSK	12	7	21.89	22.09	21.90	23	1	
5	QPSK	12	13	22.08	22.12	21.94			
5	QPSK	25	0	21.90	22.11	21.86			
5	16QAM	1	0	21.90	21.89	21.94			
5	16QAM	1	12	21.94	21.83	21.71	23	1	
5	16QAM	1	24	21.93	21.86	21.80			
5	16QAM	12	0	21.19	21.09	21.22			
5	16QAM	12	7	21.09	21.04	21.15			
5	16QAM	12	13	21.32	21.07	21.22	22	2	
5	16QAM	25	0	21.01	21.20	21.24			
5	64QAM	1	0	21.07	21.05	21.25			
5	64QAM	1	12	21.22	20.88	21.17			
5	64QAM	1	24	21.27	20.93	20.91	22	2	
5	64QAM	12	0	20.01	20.16	20.31			
5	64QAM	12	7	20.13	20.17	20.12			
5	64QAM	12	13	20.13	19.99	20.36			
5	64QAM	25	0	20.07	20.14	20.12	21	3	
5	256QAM	1	0	18.15	18.16	18.17			
5	256QAM	1	12	17.92	17.81	18.22			
5	256QAM	1	24	18.02	18.04	18.05			
5	256QAM	12	0	17.89	18.05	18.26	19	5	
5	256QAM	12	7	18.11	18.14	18.12			
5	256QAM	12	13	17.99	18.05	17.88			
5	256QAM	25	0	19.08	19.30	19.12			

[illegible]

LTE Band 2 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Offset	Power Line Ch. Offset	Power High Ch. Offset	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	19.26	19.26	19.24			
20	QPSK	1	49	19.26	19.27	19.16	20.5	0	
20	QPSK	1	99	19.23	19.31	19.08			
20	QPSK	20	0	19.32	19.36	19.21			
20	QPSK	50	24	19.14	19.39	19.17	20.5	0	
20	QPSK	50	50	19.30	19.12	19.07			
20	QPSK	100	0	19.26	19.26	19.26			
20	16QAM	1	0	19.12	19.12	19.30			
20	16QAM	1	49	19.13	19.08	19.26	20.5	0	
20	16QAM	20	0	19.16	19.26	19.26			
20	16QAM	50	0	19.24	19.14	19.20			
20	16QAM	50	24	19.13	19.16	19.29	20.5	0	
20	16QAM	100	0	19.25	19.06	19.21			
20	64QAM	1	0	19.10	19.24	19.02			
20	64QAM	1	49	19.06	19.06	19.16	20.5	0	
20	64QAM	1	99	19.21	19.15	19.24			
20	64QAM	50	0	19.02	19.16	19.19			
20	64QAM	50	24	19.15	19.20	19.15	20.5	0	
20	64QAM	50	50	19.24	19.06	19.27			
20	64QAM	100	0	19.06	19.17	19.23			
20	256QAM	1	0	19.08	19.36	19.06			
20	256QAM	1	49	19.31	19.32	19.34	19.5	1	
20	256QAM	1	99	19.46	19.32	19.37			
20	256QAM	50	0	19.43	19.45	19.34			
20	256QAM	50	24	19.30	19.38	19.44			
20	256QAM	50	50	19.24	19.26	19.34	19.5	1	
20	256QAM	100	0	19.31	19.36	19.36			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.22	19.26	19.27			
15	QPSK	1	49	19.21	19.16	19.37	20.5	0	
15	QPSK	1	74	19.17	19.24	19.32			
15	QPSK	36	0	19.26	19.29	19.08			
15	QPSK	36	18	19.16	19.30	19.22			
15	QPSK	36	59	19.13	19.30	19.30	20.5	0	
15	QPSK	75	0	19.23	19.26	19.26			
15	16QAM	1	0	19.07	19.37	19.24			
15	16QAM	1	37	19.01	19.32	19.13	20.5	0	
15	16QAM	1	74	19.06	19.10	19.14			
15	16QAM	36	0	19.26	19.26	19.26			
15	16QAM	36	20	19.03	19.35	19.07	20.5	0	
15	16QAM	36	59	19.02	19.02	19.14			
15	64QAM	1	0	19.04	19.25	19.02			
15	64QAM	1	37	19.09	19.09	19.11	20.5	0	
15	64QAM	1	74	19.06	19.01	19.16			
15	64QAM	36	0	19.05	19.07	19.08			
15	64QAM	36	20	19.02	19.07	19.08	20.5	0	
15	64QAM	36	59	19.10	19.20	19.15			
15	64QAM	75	0	19.08	19.46	19.36			
15	256QAM	1	0	19.37	19.45	19.34	19.5	1	
15	256QAM	1	37	19.46	19.45	19.34			
15	256QAM	1	74	19.37	19.37	19.46			
15	256QAM	36	0	19.20	19.30	19.40			
15	256QAM	36	20	19.25	19.30	19.40	20.5	1	
15	256QAM	75	0	19.20	19.30	19.40			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.26	19.26	19.22			
10	QPSK	1	25	19.16	19.13	19.10	20.5	0	
10	QPSK	49	0	19.16	19.26	19.26			
10	QPSK	25	0	19.22	19.23	19.10			
10	QPSK	25	12	19.07	19.34	19.07	20.5	0	
10	QPSK	50	24	19.16	19.26	19.26			
10	QPSK	50	50	19.17	19.25	19.08			
10	16QAM	1	0	19.02	19.31	19.02			
10	16QAM	1	49	19.06	19.06	19.15	20.5	0	
10	16QAM	25	0	19.18	19.04	19.08			
10	16QAM	25	12	19.04	19.30	19.11			
10	16QAM	25	25	19.01	19.31	19.08	20.5	0	
10	16QAM	50	0	19.18	19.01	19.14			
10	64QAM	1	0	19.02	19.24	19.02			
10	64QAM	1	25	19.05	19.34	19.04	20.5	0	
10	64QAM	1	49	19.14	19.09	19.17			
10	64QAM	25	0	19.24	19.02	19.20			
10	64QAM	25	12	19.07	19.15	19.29			
10	64QAM	25	25	19.13	19.31	19.21	20.5	0	
10	64QAM	50	0	19.06	19.03	19.12			
10	256QAM	1	0	19.32	19.34	19.34			
10	256QAM	1	25	19.47	19.46	19.34	19.5	1	
10	256QAM	1	49	19.41	19.35	19.42			
10	256QAM	25	0	19.16	19.32	19.16			
10	256QAM	25	12	19.36	19.46	19.36			
10	256QAM	25	25	19.15	19.29	19.36	20.5	1	
10	256QAM	50	0	19.22	19.31	19.45			
Channel									
Frequency (MHz)									
5	QPSK	1	0	19.21	19.19	19.18			
5	QPSK	1	12	19.19	19.17	19.02	20.5	0	
5	QPSK	1	24	19.11	19.16	19.34			
5	QPSK	12	0	19.26	19.27	19.16			
5	QPSK	12	7	19.03	19.39	19.04	20.5	0	
5	QPSK	12	13	19.13	19.39	19.30			
5	QPSK	25	0	19.23	19.17	19.07			
5	16QAM	1	0	19.01	19.39	19.34			
5	16QAM	1	12	19.06	19.05	19.29	20.5	0	
5	16QAM	1	24	19.04	19.05	19.14			
5	16QAM	12	0	19.16	19.09	19.06			
5	16QAM	12	7	19.06	19.02	19.12	20.5	0	
5	16QAM	12	13	19.06	19.05	19.15			
5	16QAM	25	0	19.15	19.06	19.17			
5	16QAM	25	0	19.02	19.25	19.08			
5	64QAM	1	0	19.06	19.31	19.05	20.5	0	
5	64QAM	1	12	19.06	19.31	19.05			
5	64QAM	1	24	19.12	19.10	19.18			
5	64QAM	12	0	19.14	19.28	19.15			
5	64QAM	12	7	19.05	19.15	19.07	20.5	0	
5	64QAM	12	13	19.14	19.28	19.15			
5	64QAM	25	0	19.35	19.36	19.36			
5	256QAM	1	0	19.34	19.35	19.35			
5	256QAM	1	12	19.35	19.34	19.47	19.5	1	
5	256QAM	1	24	19.37	19.34	19.47			
5	256QAM	12	0	19.37	19.24	19.30			
5	256QAM	12	7	19.26	19.35	19.31	20.5	1	
5	256QAM	12	13	19.16	19.35	19.31			
5	256QAM	25	0	19.19	19.19	19.49			
5	256QAM	25	0	19.19	19.36	19.46	20.5	1	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	19.26	19.26	19.22			
1.4	QPSK	1	3	19.23	19.29	19.08	20.5	0	
1.4	QPSK	3	0	19.27	19.24	19.12			
1.4	QPSK	3	1	19.24	19.34	19.08			
1.4	QPSK	3	2	19.12	19.39	19.06	20.5	0	
1.4	QPSK	3	4	19.14	19.31	19.06			
1.4	16QAM	1	0	19.01	19.39	19.02			
1.4	16QAM	1	2	19.04	19.34	19.14			
1.4	16QAM	3	0	19.09	19.03	19.14	20.5	0	
1.4	16QAM	3	1	19.06	19.10	19.14			
1.4	16QAM	3	2	19.06	19.03	19.16			
1.4	16QAM	6	0	19.18	19.06	19.17	20.5	0	
1.4	16QAM	6	1	19.04	19.28	19.01			
1.4	16QAM	6	2	19.03	19.34	19.12			
1.4	64QAM	1	0	19.06	19.31	19.11	20.5	0	
1.4	64QAM	1	2	19.07	19.05	19.09			
1.4	64QAM	1	4	19.07	19.11	19.03			
1.4	64QAM	3	0	19.18	19.36	19.21			
1.4	64QAM	3	1	19.05	19.05	19.11	20.5	0	
1.4	64QAM	3	2	19.06	19.47	19.05			
1.4	256QAM	1	0	19.36	19.32	19.42			
1.4	256QAM	1	2	19.36	19.31	19.46	19.5	1	
1.4	256QAM	1	4	19.17	19.49	19.36			
1.4	256QAM	3	0	19.36	19.37	19.46			
1.4	256QAM	3	1	19.19	19.37	19.40			
1.4	256QAM	3	2	19.16	19.32	19.44	20.5	1	
1.4	256QAM	6	0	19.25	19.16	19.46			

LTE Band 4 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Offset	Power Line Ch. Offset	Power High Ch. Offset	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)	1	0	20.774	20.774	20.774				
20	QPSK	1	0 <td>20.774<th>20.774</th><th>20.774</th><td></td><td></td><td></td></td>	20.774 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
15	QPSK	1	48 <td>20.49<th>20.774</th><th>20.774</th><td>22</td><td>0</td><td></td></td>	20.49 <th>20.774</th> <th>20.774</th> <td>22</td> <td>0</td> <td></td>	20.774	20.774	22	0	
10	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
5	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
20	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td>22</td> <td>0</td> <td></td>	20.774	20.774	22	0	
15	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
10	QPSK	1	0 <td>20.774<th>20.774</th><th>20.774</th><td></td><td></td><td></td></td>	20.774 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
20	QPSK	1	48 <td>20.49<th>20.774</th><th>20.774</th><td>22</td><td>0</td><td></td></td>	20.49 <th>20.774</th> <th>20.774</th> <td>22</td> <td>0</td> <td></td>	20.774	20.774	22	0	
15	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
10	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
20	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td>22</td> <td>0</td> <td></td>	20.774	20.774	22	0	
15	QPSK	50	24	19.99 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
10	QPSK	100	0 <td>20.31<th>20.774</th><th>20.774</th><td>21</td><td>0.5</td><td></td></td>	20.31 <th>20.774</th> <th>20.774</th> <td>21</td> <td>0.5</td> <td></td>	20.774	20.774	21	0.5	
20	QPSK	100	0 <td>20.31<th>20.774</th><th>20.774</th><td></td><td></td><td></td></td>	20.31 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
15	QPSK	100	0 <td>20.31<th>20.774</th><th>20.774</th><td></td><td></td><td></td></td>	20.31 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
10	QPSK	1	0 <td>20.774<th>20.774</th><th>20.774</th><td></td><td></td><td></td></td>	20.774 <th>20.774</th> <th>20.774</th> <td></td> <td></td> <td></td>	20.774	20.774			
20	QPSK	1	48 <td>18.06<th>18.03</th><th>18.03</th><td>19.5</td><td></td><td></td></td>	18.06 <th>18.03</th> <th>18.03</th> <td>19.5</td> <td></td> <td></td>	18.03	18.03	19.5		
15	QPSK	1	56 <td>18.06<th>18.03</th><th>18.03</th><td></td><td></td><td></td></td>	18.06 <th>18.03</th> <th>18.03</th> <td></td> <td></td> <td></td>	18.03	18.03			
10	QPSK	50	24	18.42 <th>18.42</th> <th>18.42</th> <td>19.5</td> <td></td> <td></td>	18.42	18.42	19.5		
20	QPSK	50	24	18.42 <th>18.42</th> <th>18.42</th> <td></td> <td></td> <td></td>	18.42	18.42			
Channel									
Frequency (MHz)	1	0	171.7	172.3	174.7				
15	QPSK	1	0 <td>18.84<th>18.78</th><th>18.87</th><td>22</td><td>0</td><td></td></td>	18.84 <th>18.78</th> <th>18.87</th> <td>22</td> <td>0</td> <td></td>	18.78	18.87	22	0	
10	QPSK	1	0 <td>18.84<th>18.78</th><th>18.87</th><td></td><td></td><td></td></td>	18.84 <th>18.78</th> <th>18.87</th> <td></td> <td></td> <td></td>	18.78	18.87			
15	QPSK	1	74	20.71	20.51	20.62	22	0	
10	QPSK	36	36	20.57 <th>20.68</th> <th>20.54</th> <td></td> <td></td> <td></td>	20.68	20.54			
15	QPSK	36	36	20.57 <th>20.68</th> <th>20.54</th> <td>22</td> <td>0</td> <td></td>	20.68	20.54	22	0	
10	QPSK	75	0 <td>20.56<th>20.71</th><th>20.64</th><td></td><td></td><td></td></td>	20.56 <th>20.71</th> <th>20.64</th> <td></td> <td></td> <td></td>	20.71	20.64			
15	QPSK	75	0 <td>20.56<th>20.71</th><th>20.64</th><td>22</td><td>0</td><td></td></td>	20.56 <th>20.71</th> <th>20.64</th> <td>22</td> <td>0</td> <td></td>	20.71	20.64	22	0	
10	QPSK	1	0 <td>20.56<th>20.71</th><th>20.64</th><td></td><td></td><td></td></td>	20.56 <th>20.71</th> <th>20.64</th> <td></td> <td></td> <td></td>	20.71	20.64			
15	QPSK	1	37	20.51 <th>20.61</th> <th>20.58</th> <td>22</td> <td>0</td> <td></td>	20.61	20.58	22	0	
10	QPSK	1	74 <td>20.47<th>20.47</th><th>20.38</th><td></td><td></td><td></td></td>	20.47 <th>20.47</th> <th>20.38</th> <td></td> <td></td> <td></td>	20.47	20.38			
15	QPSK	1	74 <td>20.47<th>20.47</th><th>20.38</th><td>22</td><td>0</td><td></td></td>	20.47 <th>20.47</th> <th>20.38</th> <td>22</td> <td>0</td> <td></td>	20.47	20.38	22	0	
10	QPSK	36	36	20.17 <th>20.23</th> <th>20.15</th> <td></td> <td></td> <td></td>	20.23	20.15			
15	QPSK	36	36	20.17 <th>20.23</th> <th>20.15</th> <td>22</td> <td>0</td> <td></td>	20.23	20.15	22	0	
10	QPSK	75	0 <td>20.21<th>20.21</th><th>20.14</th><td></td><td></td><td></td></td>	20.21 <th>20.21</th> <th>20.14</th> <td></td> <td></td> <td></td>	20.21	20.14			
15	QPSK	75	0 <td>20.21<th>20.21</th><th>20.14</th><td>22</td><td>0</td><td></td></td>	20.21 <th>20.21</th> <th>20.14</th> <td>22</td> <td>0</td> <td></td>	20.21	20.14	22	0	
10	QPSK	1	0 <td>20.33<th>20.34</th><th>20.34</th><td></td><td></td><td></td></td>	20.33 <th>20.34</th> <th>20.34</th> <td></td> <td></td> <td></td>	20.34	20.34			
15	QPSK	1	37 <td>20.19<th>20.22</th><th>20.42</th><td>22</td><td>0</td><td></td></td>	20.19 <th>20.22</th> <th>20.42</th> <td>22</td> <td>0</td> <td></td>	20.22	20.42	22	0	
10	QPSK	1	74 <td>20.18<th>20.22</th><th>20.42</th><td></td><td></td><td></td></td>	20.18 <th>20.22</th> <th>20.42</th> <td></td> <td></td> <td></td>	20.22	20.42			
15	QPSK	36	36	20.21 <th>20.34</th> <th>20.44</th> <td></td> <td></td> <td></td>	20.34	20.44			
10	QPSK	36	36	20.21 <th>20.34</th> <th>20.44</th> <td>21.5</td> <td>0.5</td> <td></td>	20.34	20.44	21.5	0.5	
15	QPSK	75	0 <td>20.15<th>20.46</th><th>20.37</th><td></td><td></td><td></td></td>	20.15 <th>20.46</th> <th>20.37</th> <td></td> <td></td> <td></td>	20.46	20.37			
10	QPSK	75	0 <td>20.15<th>20.46</th><th>20.37</th><td>21.5</td><td>0.5</td><td></td></td>	20.15 <th>20.46</th> <th>20.37</th> <td>21.5</td> <td>0.5</td> <td></td>	20.46	20.37	21.5	0.5	
15	QPSK	1	0 <td>18.26<th>18.32</th><th>18.44</th><td></td><td></td><td></td></td>	18.26 <th>18.32</th> <th>18.44</th> <td></td> <td></td> <td></td>	18.32	18.44			
10	QPSK	1	0 <td>18.26<th>18.32</th><th>18.44</th><td>19.5</td><td>2.5</td><td></td></td>	18.26 <th>18.32</th> <th>18.44</th> <td>19.5</td> <td>2.5</td> <td></td>	18.32	18.44	19.5	2.5	
15	QPSK	1	74 <td>18.47<th>18.22</th><th>18.34</th><td></td><td></td><td></td></td>	18.47 <th>18.22</th> <th>18.34</th> <td></td> <td></td> <td></td>	18.22	18.34			
10	QPSK	1	74 <td>18.47<th>18.22</th><th>18.34</th><td>19.5</td><td>2.5</td><td></td></td>	18.47 <th>18.22</th> <th>18.34</th> <td>19.5</td> <td>2.5</td> <td></td>	18.22	18.34	19.5	2.5	
15	QPSK	36	36	18.36 <th>18.33</th> <th>18.44</th> <td></td> <td></td> <td></td>	18.33	18.44			
10	QPSK	36	36	18.36 <th>18.33</th> <th>18.44</th> <td>19.5</td> <td>2.5</td> <td></td>	18.33	18.44	19.5	2.5	
15	QPSK	75	0 <td>18.34<th>18.25</th><th>18.35</th><td></td><td></td><td></td></td>	18.34 <th>18.25</th> <th>18.35</th> <td></td> <td></td> <td></td>	18.25	18.35			
10	QPSK	75	0 <td>18.34<th>18.25</th><th>18.35</th><td>19.5</td><td>2.5</td><td></td></td>	18.34 <th>18.25</th> <th>18.35</th> <td>19.5</td> <td>2.5</td> <td></td>	18.25	18.35	19.5	2.5	
15	QPSK	75	0 <td>18.48<th>18.44</th><th>18.46</th><td></td><td></td><td></td></td>	18.48 <th>18.44</th> <th>18.46</th> <td></td> <td></td> <td></td>	18.44	18.46			
10	QPSK	75	0 <td>18.48<th>18.44</th><th>18.46</th><td>19.5</td><td>2.5</td><td></td></td>	18.48 <th>18.44</th> <th>18.46</th> <td>19.5</td> <td>2.5</td> <td></td>	18.44	18.46	19.5	2.5	
Channel									
Frequency (MHz)	1	0	20.81	20.72	20.59				
10	QPSK	1	25	20.34 <th>20.69</th> <th>20.37</th> <td>22</td> <td>0</td> <td></td>	20.69	20.37	22	0	
5	QPSK	25	0 <td>20.52<th>20.70</th><th>20.62</th><td></td><td></td><td></td></td>	20.52 <th>20.70</th> <th>20.62</th> <td></td> <td></td> <td></td>	20.70	20.62			
10	QPSK	25	0 <td>20.52<th>20.70</th><th>20.62</th><td>22</td><td>0</td><td></td></td>	20.52 <th>20.70</th> <th>20.62</th> <td>22</td> <td>0</td> <td></td>	20.70	20.62	22	0	
5	QPSK	25	12 <td>20.58<th>20.67</th><th>20.58</th><td></td><td></td><td></td></td>	20.58 <th>20.67</th> <th>20.58</th> <td></td> <td></td> <td></td>	20.67	20.58			
10	QPSK	25	12 <td>20.58<th>20.67</th><th>20.58</th><td>22</td><td>0</td><td></td></td>	20.58 <th>20.67</th> <th>20.58</th> <td>22</td> <td>0</td> <td></td>	20.67	20.58	22	0	
5	QPSK	50	0 <td>20.51<th>20.69</th><th>20.59</th><td></td><td></td><td></td></td>	20.51 <th>20.69</th> <th>20.59</th> <td></td> <td></td> <td></td>	20.69	20.59			
10	QPSK	50	0 <td>20.51<th>20.69</th><th>20.59</th><td>22</td><td>0</td><td></td></td>	20.51 <th>20.69</th> <th>20.59</th> <td>22</td> <td>0</td> <td></td>	20.69	20.59	22	0	
5	QPSK	1	0 <td>20.51<th>20.36</th><th>20.72</th><td></td><td></td><td></td></td>	20.51 <th>20.36</th> <th>20.72</th> <td></td> <td></td> <td></td>	20.36	20.72			
10	QPSK	1	0 <td>20.51<th>20.36</th><th>20.72</th><td>22</td><td>0</td><td></td></td>	20.51 <th>20.36</th> <th>20.72</th> <td>22</td> <td>0</td> <td></td>	20.36	20.72	22	0	
5	QPSK	1	49 <td>20.38<th>20.49</th><th>20.48</th><td></td><td></td><td></td></td>	20.38 <th>20.49</th> <th>20.48</th> <td></td> <td></td> <td></td>	20.49	20.48			
10	QPSK	1	49 <td>20.38<th>20.49</th><th>20.48</th><td>22</td><td>0</td><td></td></td>	20.38 <th>20.49</th> <th>20.48</th> <td>22</td> <td>0</td> <td></td>	20.49	20.48	22	0	
5	QPSK	25	0 <td>20.21<th>20.16</th><th>20.14</th><td></td><td></td><td></td></td>	20.21 <th>20.16</th> <th>20.14</th> <td></td> <td></td> <td></td>	20.16	20.14			
10	QPSK	25	0 <td>20.21<th>20.16</th><th>20.14</th><td>22</td><td>0</td><td></td></td>	20.21 <th>20.16</th> <th>20.14</th> <td>22</td> <td>0</td> <td></td>	20.16	20.14	22	0	
5	QPSK	25	12 <td>20.25<th>20.18</th><th>20.18</th><td></td><td></td><td></td></td>	20.25 <th>20.18</th> <th>20.18</th> <td></td> <td></td> <td></td>	20.18	20.18			
10	QPSK	25	12 <td>20.25<th>20.18</th><th>20.18</th><td>22</td><td>0</td><td></td></td>	20.25 <th>20.18</th> <th>20.18</th> <td>22</td> <td>0</td> <td></td>	20.18	20.18	22	0	
5	QPSK	1	25 <td>20.18<th>20.24</th><th>20.34</th><td></td><td></td><td></td></td>	20.18 <th>20.24</th> <th>20.34</th> <td></td> <td></td> <td></td>	20.24	20.34			
10	QPSK	1	49 <td>20.46<th>20.42</th><th>20.28</th><td>21.5</td><td>0.5</td><td></td></td>	20.46 <th>20.42</th> <th>20.28</th> <td>21.5</td> <td>0.5</td> <td></td>	20.42	20.28	21.5	0.5	
5	QPSK	1	25 <td>20.18<th>20.24</th><th>20.34</th><td></td><td></td><td></td></td>	20.18 <th>20.24</th> <th>20.34</th> <td></td> <td></td> <td></td>	20.24	20.34			
10	QPSK	25	12 <td>20.33<th>20.34</th><th>20.37</th><td></td><td></td><td></td></td>	20.33 <th>20.34</th> <th>20.37</th> <td></td> <td></td> <td></td>	20.34	20.37			
5	QPSK	25	12 <td>20.33<th>20.34</th><th>20.37</th><td>21.5</td><td>0.5</td><td></td></td>	20.33 <th>20.34</th> <th>20.37</th> <td>21.5</td> <td>0.5</td> <td></td>	20.34	20.37	21.5	0.5	
10	QPSK	1	0 <td>18.30<th>18.41</th><th>18.38</th><td></td><td></td><td></td></td>	18.30 <th>18.41</th> <th>18.38</th> <td></td> <td></td> <td></td>	18.41	18.38			
15	QPSK	1	25 <td>18.45<th>18.46</th><th>18.41</th><td>19.5</td><td>2.5</td><td></td></td>	18.45 <th>18.46</th> <th>18.41</th> <td>19.5</td> <td>2.5</td> <td></td>	18.46	18.41	19.5	2.5	
10	QPSK	25	12 <td>18.47<th>18.38</th><th>18.27</th><td></td><td></td><td></td></td>	18.47 <th>18.38</th> <th>18.27</th> <td></td> <td></td> <td></td>	18.38	18.27			
15	QPSK	25	12 <td>18.47<th>18.38</th><th>18.27</th><td>19.5</td><td>2.5</td><td></td></td>	18.47 <th>18.38</th> <th>18.27</th> <td>19.5</td> <td>2.5</td> <td></td>	18.38	18.27	19.5	2.5	
10	QPSK	25	0 <td>18.37<th>18.34</th><th>18.33</th><td></td><td></td><td></td></td>	18.37 <th>18.34</th> <th>18.33</th> <td></td> <td></td> <td></td>	18.34	18.33			
15	QPSK	25	0 <td>18.37<th>18.34</th><th>18.33</th><td>19.5</td><td>2.5</td><td></td></td>	18.37 <th>18.34</th> <th>18.33</th> <td>19.5</td> <td>2.5</td> <td></td>	18.34	18.33	19.5	2.5	
10	QPSK	50	0 <td>18.52<th>18.36</th><th>18.38</th><td></td><td></td><td></td></td>	18.52 <th>18.36</th> <th>18.38</th> <td></td> <td></td> <td></td>	18.36	18.38			
15	QPSK	50	0 <td>18.52<th>18.36</th><th>18.38</th><td>19.5</td><td>2.5</td><td></td></td>	18.52 <th>18.36</th> <th>18.38</th> <td>19.5</td> <td>2.5</td> <td></td>	18.36	18.38	19.5	2.5	
Channel									
Frequency (MHz)	1	0	199.79	199.79	200.79				
5	QPSK	1	12 <td>20.58<th>20.68</th><th>20.47</th><td>22</td><td>0</td><td></td></td>	20.58 <th>20.68</th> <th>20.47</th> <td>22</td> <td>0</td> <td></td>	20.68	20.47	22	0	
5	QPSK	1	24 <td>20.76<th>20.57</th><th>20.81</th><td></td><td></td><td></td></td>	20.76 <th>20.57</th> <th>20.81</th> <td></td> <td></td> <td></td>	20.57	20.81			
5	QPSK	1	36 <td>20.54<th>20.67</th><th>20.33</th><td></td><td></td><td></td></td>	20.54 <th>20.67</th> <th>20.33</th> <td></td> <td></td> <td></td>	20.67	20.33			
5	QPSK	12	7 <td>20.54<th>20.61</th><th>20.56</th><td></td><td></td><td></td></td>	20.54 <th>20.61</th> <th>20.56</th> <td></td> <td></td> <td></td>	20.61	20.56			
5	QPSK	12	13 <td>20.53<th>20.48</th><th>20.58</th><td></td><td></td><td></td></td>	20.53 <th>20.48</th> <th>20.58</th> <td></td> <td></td> <td></td>	20.48	20.58			
5	QPSK	12	13 <td>20.53<th>20.48</th><th>20.58</th><td>22</td><td>0</td><td></td></td>	20.53 <th>20.48</th> <th>20.58</th> <td>22</td> <td>0</td> <td></td>	20.48	20.58	22	0	
5	QPSK	1	6 <td>20.54<th>20.31</th><th>20.67</th><td></td><td></td><td></td></td>	20.54 <th>20.31</th> <th>20.67</th> <td></td> <td></td> <td></td>	20.31	20.67			
5	QPSK	1	12 <td>20.58<th>20.47</th><th>20.58</th><td></td><td></td><td></td></td>	20.58 <th>20.47</th> <th>20.58</th> <td></td> <td></td> <td></td>	20.47	20.58			
5	QPSK	12	7 <td>20.22<th>20.23</th><th>20.35</th><td></td><td></td><td></td></td>	20.22 <th>20.23</th> <th>20.35</th> <td></td> <td></td> <td></td>	20.23	20.35			
5	QPSK	12	13 <td>20.31<th>20.36</th><th>20.35</th><td>22</td><td>0</td><td></td></td>	20.31 <th>20.36</th> <th>20.35</th> <td>22</td> <td>0</td> <td></td>	20.36	20.35	22	0	
5	QPSK	25	0 <td>20.36<th>20.34</th><th>20.54</th><td></td><td></td><td></td></td>	20.36 <th>20.34</th> <th>20.54</th> <td></td> <td></td> <td></td>	20.34	20.54			
5	QPSK	25	12 <td>20.37<th>20.36</th><th>20.37</th><td>22</td><td>0</td><td></td></td>	20.37 <th>20.36</th> <th>20.37</th> <td>22</td> <td>0</td> <td></td>	20.36	20.37	22	0	
5	QPSK	1	24 <td>20.45<th>20.42</th><th>20.37</th><td></td><td></td><td></td></td>	20.45 <th>20.42</th> <th>20.37</th> <td></td> <td></td> <td></td>	20.42	20.37			
5	QPSK	12	0 <td>20.28<th>20.44</th><th>20.53</th><td></td><td></td><td></td></td>	20.28 <th>20.44</th> <th>20.53</th> <td></td> <td></td> <td></td>	20.44	20.53			
5	QPSK	12	13 <td>20.38<th>20.34</th><th>20.43</th><td>21.5</td><td>0.5</td><td></td></td>	20.38 <th>20.34</th> <th>20.43</th> <td>21.5</td> <td>0.5</td> <td></td>	20.34	20.43	21.5	0.5	
5	QPSK	25	0 <td>20.15<th>20.44</th><th>20.36</th><td></td><td></td><td></td></td>	20.15 <th>20.44</th> <th>20.36</th> <td></td> <td></td> <td></td>	20.44	20.36			
5	QPSK	25	12 <td>20.15<th>20.44</th><th>20.36</th><td>19.5</td><td>2.5</td><td></td></td>	20.15 <th>20.44</th> <th>20.36</th> <td>19.5</td> <td>2.5</td> <td></td>	20.44	20.36	19.5	2.5	
5	QPSK	1	24 <td>18.27<th>18.31</th><th>18.45</th><td></td><td></td><td></td></td>	18.27 <th>18.31</th> <th>18.45</th> <td></td> <td></td> <td></td>	18.31	18.45			
5	QPSK	1	24 <td>18.41<th>18.24</th><th>18.46</th><td></td><td></td><td></td></td>	18.41 <th>18.24</th> <th>18.46</th> <td></td> <td></td> <td></td>	18.24	18.46			
5	QPSK	12	7 <td>18.46<th>18.46</th><th>18.36</th><td>19.5</td><td>2.5</td><td></td></td>	18.46 <th>18.46</th> <th>18.36</th> <td>19.5</td> <td>2.5</td> <td></td>	18.46	18.36	19.5	2.5	
5	QPSK	12	7 <td>18.46<th>18.46</th><th>18.36</th><td>19.5</td><td>2.5</td><td></td></td>	18.46 <th>18.46</th> <th>18.36</th> <td>19.5</td> <td>2.5</td> <td></td>	18.46	18.36	19.5	2.5	
5	QPSK	12	13 <td>18.49<th>18.46</th><th>18.46</th><td></td><td></td><td></td></td>	18.49 <th>18.46</th> <th>18.46</th> <td></td> <td></td> <td></td>	18.46	18.46			
5	QPSK	12	13 <td>18.49<th>18.46</th><th>18.46</th><td>19.5</td><td>2.5</td><td></td></td>	18.49 <th>18.46</th> <th>18.46</th> <td>19.5</td> <td>2.5</td> <td></td>	18.46	18.46	19.5	2.5	
Channel									
Frequency (MHz)	1	0	199.79	199.79	200.79				
1.4	QPSK	1	0 <td>20.64<th>20.68</th><th>20.58</th><td>22</td><td>0</td><td></td></td>	20.64 <th>20.68</th> <th>20.58</th> <td>22</td> <td>0</td> <td></td>	20.68	20.58	22	0	
1.4	QPSK	1	0 <td>20.64<th>20.68</th><th>20.58</th><td></td><td></td><td></td></td>	20.64 <th>20.68</th> <th>20.58</th> <td></td> <td></td> <td></td>	20.68	20.58			
1.4	QPSK	3	0 <td>20.52<th>20.66</th><th>20.55</th><td></td><td></td><td></td></td>	20.52 <th>20.66</th> <th>20.55</th> <td></td> <td></td> <td></td>	20.66	20.55			
1.4	QPSK	3	0 <td>20.52<th>20.66</th><th>20.55</th><td>22</td><td>0</td><td></td></td>	20.52 <th>20.66</th> <th>20.55</th> <td>22</td> <td>0</td> <td></td>	20.66	20.55	22	0	
1.4	QPSK	3	0 <td>20.51<th>20.65</th><th>20.55</th><td></td><td></td><td></td></td>	20.51 <th>20.65</th> <th>20.55</th> <td></td> <td></td> <td></td>	20.65	20.55			
1.4	QPSK	3	0 <td>20.51<th>20.65</th><th>20.55</th><td>22</td><td>0</td><td></td></td>	20.51 <th>20.65</th> <th>20.55</th> <td>22</td> <td>0</td> <td></td>	20.65	20.55	22	0	
1.4	QPSK	6	0 <td>20.55<th>20.65</th><th>20.55</th><td></td><td></td><td></td></td>	20.55 <th>20.65</th> <th>20.55</th> <td></td> <td></td> <td></td>	20.65	20.55			
1.4	QPSK	6	0 <td>20.55<th>20.65</th><th>20.55</th><td>22</td><td>0</td><td></td></td>	20.55 <th>20.65</th> <th>20.55</th> <td>22</td> <td>0</td> <td></td>	20.65	20.55	22	0	
1.4	QPSK	1	0 <td>20.64<th>20.64</th><th>20.71</th><td></td><td></td><td></td></td>	20.64 <th>20.64</th> <th>20.71</th> <td></td> <td></td> <td></td>	20.64	20.71			
1.4	QPSK	1	0 <td>20.64<th>20.64</th><th>20.71</th><td>22</td><td>0</td><td></td></td>	20.64 <th>20.64</th> <th>20.71</th> <td>22</td> <td>0</td> <td></td>	20.64	20.71	22	0	
1.4	QPSK	1	5 <td>20.47<th>20.51</th><th>20.44</th><td></td><td></td><td></td></td>	20.47 <th>20.51</th> <th>20.44</th> <td></td> <td></td> <td></td>	20.51	20.44			
1.4	QPSK	1	5 <td>20.47<th>20.51</th><th>20.44</th><td>22</td><td>0</td><td></td></td>	20.47 <th>20.51</th> <th>20.44</th> <td>22</td> <td>0</td> <td></td>	20.51	20.44	22	0	
1.4	QPSK	3	0 <td>20.17<th>20.18</th><th>20.05</th><td></td><td></td><td></td></td>	20.17 <th>20.18</th> <th>20.05</th> <td></td> <td></td> <td></td>	20.18	20.05			
1.4	QPSK	3	0 <td>20.17<th>20.18</th><th>20.05</th><td>22</td><td>0</td><td></td></td>	20.17 <th>20.18</th> <th>20.05</th> <td>22</td> <td>0</td> <td></td>	20.18	20.05	22	0	
1.4	QPSK	1	5 <td>20.46<th>20.46</th><th>20.28</th><td></td><td></td><td></td></td>	20.46 <th>20.46</th> <th>20.28</th> <td></td> <td></td> <td></td>	20.46	20.28			
1.4	QPSK	1	5 <td>20.46<th>20.46</th><th>20.28</th><td>22</td><td>0</td><td></td></td>	20.46 <th>20.46</th> <th>20.28</th> <td>22</td> <td>0</td> <td></td>	20.46	20.28	22	0	
1.4	QPSK	3	0 <td>20.41<th>20.62</th><th>20.41</th><td></td><td></td><td></td></td>	20.41 <th>20.62</th> <th>20.41</th> <td></td> <td></td> <td></td>	20.62	20.41			
1.4	QPSK	3	0 <td>20.41<th>20.62</th><th>20.41</th><td>21.5</td><td>0.5</td><td></td></td>	20.41 <th>20.62</th> <th>20.41</th> <td>21.5</td> <td>0.5</td> <td></td>	20.62	20.41	21.5	0.5	
1.4	QPSK	3	3 <td>18.31<th>18.31</th><th>18.38</th><td></td><td></td><td></td></td>	18.31 <th>18.31</th> <th>18.38</th> <td></td> <td></td> <td></td>	18.31	18.38			
1.4	QPSK	3 <td>3<td>18.31<th>18.31</th><th>18.38</th><td>21.5</td><td>0.5</td><td></td></td></td>	3 <td>18.31<th>18.31</th><th>18.38</th><td>21.5</td><td>0.5</td><td></td></td>	18.31 <th>18.31</th> <th>18.38</th> <td>21.5</td> <td>0.5</td> <td></td>	18.31	18.38	21.5	0.5	
1.4	QPSK	1	3 <td>18.36<th>18.36</th><th>18.40</th><td></td><td></td><td></td></td>	18.36 <th>18.36</th> <th>18.40</th> <td></td> <td></td> <td></td>	18.36	18.40			
1.4	QPSK	1	3 <td>18.36<th>18.36</th><th>18.40</th><td>19.5</td><td>2.5</td><td></td></td>	18.36 <th>18.36</th> <th>18.40</th> <td>19.5</td> <td>2.5</td> <td></td>	18.36	18.40	19.5	2.5	
1.4	QPSK	3	0 <td>18.30<th>18.31</th><th>18.42</th><td></td><td></td><td></td></td>	18.30 <th>18.31</th> <th>18.42</th> <td></td> <td></td> <td></td>	18.31	18.42			
1.4	QPSK	3	0 <td>18.30<th>18.31</th><th>18.42</th><td>19.5</td><td>2.5</td><td></td></td>	18.30 <th>18.31</th> <th>18.42</th> <td>19.5</td> <td>2.5</td> <td></td>	18.31	18.42	19.5	2.5	
1.4	QPSK	3	0 <td>18.42<th>18.42</th><th>18.33</th><td></td><td></td><td></td></td>	18.42 <th>18.42</th> <th>18.33</th> <td></td> <td></td> <td></td>	18.42	18.33			
1.4	QPSK	3	0 <td>18.42<th>18.42</th><th>18.33</th><td>19.5</td><td>2.5</td><td></td></td>	18.42 <th>18.42</th> <th>18.33</th> <td>19.5</td> <td>2.5</td> <td></td>	18.42	18.33	19.5	2.5	
1.4	QPSK	3	0 <td>18.32<th>18.41</th><th>18.46</th><td></td><td></td><td></td></td>	18.32 <th>18.41</th> <th>18.46</th> <td></td> <td></td> <td></td>	18.41	18.46			
1.4	QPSK	3	0 <td>18.32<th>18.41</th><th>18.46</th><td>19.5</td><td>2.5</td><td></td></td>	18.32 <th>18.41</th> <th>18.46</th> <td>19.5</td> <td>2.5</td> <td></td>	18.41	18.46	19.5	2.5	

LTE Band 12 Ant1										
SW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch. Freq.)	Power Middle (Ch. Freq.)	Power High (Ch. Freq.)	Time-up (sec)	APRS (dB)		
Channel										APRS (dB)
Frequency (MHz)										APRS (dB)
10	QPSK	1	0	24.03	24.13	24.23				
10	QPSK	1	25	23.94	24.05	23.86	25	0		
10	QPSK	1	49	23.84	23.92	23.83				
10	QPSK	25	12	23.12	23.18	23.14				
10	QPSK	25	12	22.97	23.01	23.02	24	1		
10	QPSK	25	25	23.06	23.06	22.95				
10	QPSK	50	1	22.95	22.95	22.95				
10	16QAM	1	0	23.14	23.31	23.11				
10	16QAM	1	25	23.31	23.27	23.17	24	1		
10	16QAM	1	49	23.15	23.21	23.07				
10	16QAM	25	0	23.04	22.93	22.95				
10	16QAM	25	12	22.20	21.99	21.87	23	2		
10	16QAM	25	25	22.15	21.99	22.12				
10	16QAM	50	0	22.06	22.15	21.94				
10	8QAM	1	0	22.07	22.04	22.38				
10	8QAM	1	25	22.10	22.06	22.15	25	2		
10	8QAM	1	49	22.25	22.20	22.23				
10	8QAM	25	0	21.18	21.09	21.08				
10	8QAM	25	12	21.06	21.08	21.11	22	3		
10	8QAM	25	25	20.95	21.14	20.95				
10	8QAM	50	0	20.97	21.18	21.14				
10	256QAM	1	0	19.91	19.13	19.17	20	5		
10	256QAM	1	0	19.13	19.11	19.04				
10	256QAM	1	49	19.23	19.14	19.30				
10	256QAM	25	0	19.17	19.09	19.12				
10	256QAM	25	12	19.07	19.01	19.08	20	5		
10	256QAM	25	25	19.06	19.26	19.09				
10	256QAM	50	0	18.94	19.22	19.06				
Channel										Time-up (sec)
Frequency (MHz)										APRS (dB)
5	QPSK	1	0	23.98	23.94	23.87	25	0		
5	QPSK	1	25	23.79	23.96	23.72				
5	QPSK	1	24	23.79	23.79	23.72				
5	QPSK	12	0	22.95	23.10	22.98				
5	QPSK	12	13	22.77	23.01	22.98	24	1		
5	QPSK	12	13	22.95	22.99	22.79				
5	QPSK	25	0	22.77	23.08	22.88				
5	16QAM	1	0	23.02	23.15	23.07				
5	16QAM	1	25	23.26	23.19	23.12	24	1		
5	16QAM	1	24	22.97	23.15	23.38				
5	16QAM	12	0	22.97	23.01	23.10				
5	16QAM	12	13	22.03	23.01	23.10	25	2		
5	16QAM	12	13	21.97	21.89	21.97				
5	16QAM	25	0	21.87	21.96	21.96				
5	16QAM	25	1	22.11	22.19	22.31				
5	8QAM	1	12	22.12	22.00	22.02	23	2		
5	8QAM	1	12	22.12	22.00	22.02				
5	8QAM	1	24	22.15	22.23	22.18				
5	8QAM	1	24	22.05	22.08	22.04				
5	8QAM	12	0	21.90	20.77	21.06	22	3		
5	8QAM	12	13	20.80	20.86	20.80				
5	8QAM	25	0	20.85	21.08	21.05				
5	256QAM	1	0	19.84	19.92	19.95				
5	256QAM	1	12	19.84	19.93	19.90	20	5		
5	256QAM	1	12	19.14	19.09	19.19				
5	256QAM	12	0	19.93	19.92	19.97				
5	256QAM	12	7	19.80	19.88	19.88	20	5		
5	256QAM	12	8	19.77	19.87	19.87				
5	256QAM	25	0	19.74	19.16	19.30				
Channel										Time-up (sec)
Frequency (MHz)										APRS (dB)
3	QPSK	1	0	23.99	23.90	23.85				
3	QPSK	1	8	23.88	23.94	23.79	25	0		
3	QPSK	1	8	23.77	23.18	23.18				
3	QPSK	8	0	23.02	23.04	22.95				
3	QPSK	8	8	22.82	22.93	22.94	24	1		
3	QPSK	16	0	22.82	22.84	22.75				
3	16QAM	1	0	23.06	23.23	23.02				
3	16QAM	1	14	23.09	23.11	23.30	24	1		
3	16QAM	8	0	21.83	21.99	21.91				
3	16QAM	8	8	22.08	21.94	21.96	23	2		
3	16QAM	16	0	21.99	21.99	21.84				
3	8QAM	1	0	22.23	22.18	22.19	23	2		
3	8QAM	1	8	22.13	21.99	22.09				
3	8QAM	1	14	22.10	22.18	22.10				
3	8QAM	8	0	21.03	20.84	20.89				
3	8QAM	8	8	20.88	20.83	21.07	22	3		
3	8QAM	16	0	20.86	21.13	21.02				
3	256QAM	1	0	19.84	19.96	19.11				
3	256QAM	1	8	19.84	19.95	19.90	20	5		
3	256QAM	1	14	19.09	19.03	19.13				
3	256QAM	8	0	19.07	19.04	19.04				
3	256QAM	8	8	18.85	18.86	18.81	20	5		
3	256QAM	8	7	18.89	19.20	18.84				
3	256QAM	16	0	19.17	19.07	19.07				
Channel										Time-up (sec)
Frequency (MHz)										APRS (dB)
14	QPSK	1	0	24.08	24.08	23.94				
14	QPSK	1	8	23.88	23.97	23.73	25	0		
14	QPSK	1	8	23.71	23.81	23.87				
14	QPSK	8	0	23.07	23.07	23.83				
14	QPSK	8	1	23.70	23.89	23.82				
14	QPSK	8	8	23.76	23.83	23.76	24	1		
14	QPSK	16	0	23.01	23.07	23.08				
14	16QAM	1	0	23.04	22.78	22.78				
14	16QAM	1	8	22.93	22.87	22.83				
14	16QAM	1	8	22.75	22.83	22.59	24	1		
14	16QAM	8	0	22.96	23.18	22.91				
14	16QAM	8	8	23.18	23.09	22.94				
14	16QAM	16	0	22.87	22.84	23.17				
14	8QAM	1	0	21.76	21.84	21.73	23	2		
14	8QAM	1	0	21.96	21.72	21.59				
14	8QAM	1	8	22.02	21.83	21.86				
14	8QAM	1	8	21.82	21.91	21.79	23	2		
14	8QAM	8	0	22.13	22.16	22.80				
14	8QAM	8	1	22.02	21.80	21.98				
14	8QAM	16	0	21.24	22.12	21.08	22	8		
14	8QAM	16	0	20.87	20.77	20.72	22	8		
14	256QAM	1	0	19.30	19.04	18.99				
14	256QAM	1	8	19.08	19.03	18.97	20	5		
14	256QAM	1	8	19.19	19.00	19.14				
14	256QAM	8	0	19.03	18.98	19.03				
14	256QAM	8	1	19.06	19.07	19.00				
14	256QAM	8	8	18.92	19.07	18.93	20	5		
14	256QAM	16	0	18.76	19.09	18.90	20	5		

LTE Band 13 Ant1										
SW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch. Freq.)	Power Middle (Ch. Freq.)	Power High (Ch. Freq.)	Time-up (sec)	APRS (dB)		
Channel										APRS (dB)
Frequency (MHz)										APRS (dB)
10	QPSK	1	0	23.98	23.98	23.98				
10	QPSK	1	25	23.82	23.82	23.82	23	0		
10	QPSK	1	49	23.63	23.63	23.63				
10	QPSK	25	12	23.06	23.06	23.06	23	0		
10	QPSK	25	25	21.96	21.96	21.96				
10	QPSK	50	1	21.96	21.96	21.96				
10	16QAM	1	0	21.96	21.96	21.96				
10	16QAM	1	25	21.86	21.86	21.86	23	0		
10	16QAM	1	49	21.85	21.85	21.85				
10	16QAM	25	12	21.71	21.71	21.71	22	1		
10	16QAM	25	25	21.26	21.26	21.26				
10	16QAM	50	0	21.26	21.26	21.26				
10	256QAM	1	0	19.93	19.93	19.93	20	3		
10	256QAM	1	0	19.13	19.08	19.08				
10	256QAM	1	49	19.16	19.16	19.16				
10	256QAM	25	0	19.26	19.26	19.26				
10	256QAM	25	12	19.07	19.07	19.07	20	3		
10	256QAM	25	25	19.06	19.06	19.06				
10	256QAM	50	0	18.96	18.96	18.96				
Channel										Time-up (sec)
Frequency (MHz)										APRS (dB)
5	QPSK	1	0	22.00	21.98	21.98				
5	QPSK	1	12	22.77	22.80	21.81	23	0		
5	QPSK	1	24	23.51	23.52	21.84				
5	QPSK	12	0	21.98	21.94	21.98				
5	QPSK	12	17	21.61	21.68	21.68	23	0		
5	QPSK	12	19	21.62	21.65	21.61				
5	QPSK	12	25	21.61	21.61	21.61				
5	16QAM	1	0	21.71	21.73	21.73				
5	16QAM	1	12	21.86	21.88	21.88	23	0		
5	16QAM	1	24	21.93	21.97	21.97				
5	16QAM	12	0	21.77	21.79	21.81				
5	16QAM	12	7	21.30	21.37	21.32	23	0		
5	16QAM	12	19	21.34	21.33	21.32				
5	16QAM	12	25	21.33	21.33	21.33				
5	16QAM	1	0	21.80	21.80	21.74	23	0		
5	16QAM	1	12	21.88	21.85	21.74				
5	16QAM	1	24	21.93	21.91	21.84				
5	16QAM	12	0	21.04	21.01	21.05				
5	16QAM	12	7	20.92	20.98	21.01	23	1		
5	16QAM	12	19	20.97	20.97	20.97				
5	16QAM	25	0	21.11	21.22	21.16				
5	256QAM	1	0	18.31	18.31	18.35	20	3		
5	256QAM	1	12	18.67	18.67	18.67				
5	256QAM	1	24	19.10	19.10	19.03				
5	256QAM	12	0	18.08	18.05	18.07				
5	256QAM	12	7	18.06	18.12	18.05	20	3		
5	256QAM	12	19	18.07	18.07	18.08				
5	256QAM	25	0	18.04	18.02	18.02				

[illegible][illegible]

LTE Band 17 Ant1												
RF (MHz)	Channel	RB Size	RB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Channel												
20	OPT18	1	0	22.75	22.75	22.75	22.75	22.75	22.75	22.75	22.75	22.75
20	OPT18	1	48	22.98	22.98	22.98	22.98	22.98	22.98	22.98	22.98	22.98
20	OPT18	1	96	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21	23.21
20	OPT18	50	0	22.95	22.97	22.97	22.92	22.92	22.92	22.92	22.92	22.92
20	OPT18	50	24	23.02	23.08	23.08	23.03	23.03	23.03	23.03	23.03	23.03
20	OPT18	50	48	23.08	23.13	23.13	23.08	23.08	23.08	23.08	23.08	23.08
20	OPT18	100	0	23.05	23.07	23.07	23.02	23.02	23.02	23.02	23.02	23.02
20	OPT18	100	50	23.06	23.14	23.14	23.06	23.06	23.06	23.06	23.06	23.06
20	OPT18	100	100	23.12	23.19	23.19	23.12	23.12	23.12	23.12	23.12	23.12
20	OPT18	100	150	23.18	23.25	23.25	23.18	23.18	23.18	23.18	23.18	23.18
20	OPT18	100	200	23.23	23.31	23.31	23.23	23.23	23.23	23.23	23.23	23.23
20	OPT18	100	250	23.28	23.37	23.37	23.28	23.28	23.28	23.28	23.28	23.28
20	OPT18	100	300	23.33	23.43	23.43	23.33	23.33	23.33	23.33	23.33	23.33
20	OPT18	100	350	23.38	23.49	23.49	23.38	23.38	23.38	23.38	23.38	23.38
20	OPT18	100	400	23.43	23.55	23.55	23.43	23.43	23.43	23.43	23.43	23.43
20	OPT18	100	450	23.48	23.61	23.61	23.48	23.48	23.48	23.48	23.48	23.48
20	OPT18	100	500	23.53	23.67	23.67	23.53	23.53	23.53	23.53	23.53	23.53
20	OPT18	100	550	23.58	23.79	23.79	23.58	23.58	23.58	23.58	23.58	23.58
20	OPT18	100	600	23.63	23.79	23.79	23.63	23.63	23.63	23.63	23.63	23.63
20	OPT18	100	650	23.68	23.85	23.85	23.68	23.68	23.68	23.68	23.68	23.68
20	OPT18	100	700	23.73	23.91	23.91	23.73	23.73	23.73	23.73	23.73	23.73
20	OPT18	100	750	23.78	23.99	23.99	23.78	23.78	23.78	23.78	23.78	23.78
20	OPT18	100	800	23.83	24.09	24.09	23.83	23.83	23.83	23.83	23.83	23.83
20	OPT18	100	850	23.88	24.19	24.19	23.88	23.88	23.88	23.88	23.88	23.88
20	OPT18	100	900	23.93	24.30	24.30	23.93	23.93	23.93	23.93	23.93	23.93
20	OPT18	100	950	23.98	24.41	24.41	23.98	23.98	23.98	23.98	23.98	23.98
20	OPT18	100	1000	24.03	24.53	24.53	24.03	24.03	24.03	24.03	24.03	24.03
20	OPT18	100	1050	24.08	24.65	24.65	24.08	24.08	24.08	24.08	24.08	24.08
20	OPT18	100	1100	24.13	24.77	24.77	24.13	24.13	24.13	24.13	24.13	24.13
20	OPT18	100	1150	24.18	24.90	24.90	24.18	24.18	24.18	24.18	24.18	24.18
20	OPT18	100	1200	24.23	25.03	25.03	24.23	24.23	24.23	24.23	24.23	24.23
20	OPT18	100	1250	24.28	25.16	25.16	24.28	24.28	24.28	24.28	24.28	24.28
20	OPT18	100	1300	24.33	25.29	25.29	24.33	24.33	24.33	24.33	24.33	24.33
20	OPT18	100	1350	24.38	25.42	25.42	24.38	24.38	24.38	24.38	24.38	24.38
20	OPT18	100	1400	24.43	25.55	25.55	24.43	24.43	24.43	24.43	24.43	24.43
20	OPT18	100	1450	24.48	25.68	25.68	24.48	24.48	24.48	24.48	24.48	24.48
20	OPT18	100	1500	24.53	25.81	25.81	24.53	24.53	24.53	24.53	24.53	24.53
20	OPT18	100	1550	24.58	25.94	25.94	24.58	24.58	24.58	24.58	24.58	24.58
20	OPT18	100	1600	24.63	26.07	26.07	24.63	24.63	24.63	24.63	24.63	24.63
20	OPT18	100	1650	24.68	26.20	26.20	24.68	24.68	24.68	24.68	24.68	24.68
20	OPT18	100	1700	24.73	26.33	26.33	24.73	24.73	24.73	24.73	24.73	24.73
20	OPT18	100	1750	24.78	26.46	26.46	24.78	24.78	24.78	24.78	24.78	24.78
20	OPT18	100	1800	24.83	26.59	26.59	24.83	24.83	24.83	24.83	24.83	24.83
20	OPT18	100	1850	24.88	26.72	26.72	24.88	24.88	24.88	24.88	24.88	24.88
20	OPT18	100	1900	24.93	26.85	26.85	24.93	24.93	24.93	24.93	24.93	24.93
20	OPT18	100	1950	24.98	26.98	26.98	24.98	24.98	24.98	24.98	24.98	24.98
20	OPT18	100	2000	25.03	27.11	27.11	25.03	25.03	25.03	25.03	25.03	25.03
20	OPT18	100	2050	25.08	27.24	27.24	25.08	25.08	25.08	25.08	25.08	25.08
20	OPT18	100	2100	25.13	27.37	27.37	25.13	25.13	25.13	25.13	25.13	25.13
20	OPT18	100	2150	25.18	27.50	27.50	25.18	25.18	25.18	25.18	25.18	25.18
20	OPT18	100	2200	25.23	27.63	27.63	25.23	25.23	25.23	25.23	25.23	25.23
20	OPT18	100	2250	25.28	27.76	27.76	25.28	25.28	25.28	25.28	25.28	25.28
20	OPT18	100	2300	25.33	27.89	27.89	25.33	25.33	25.33	25.33	25.33	25.33
20	OPT18	100	2350	25.38	28.02	28.02	25.38	25.38	25.38	25.38	25.38	25.38
20	OPT18	100	2400	25.43	28.15	28.15	25.43	25.43	25.43	25.43	25.43	25.43
20	OPT18	100	2450	25.48	28.28	28.28	25.48	25.48	25.48	25.48	25.48	25.48
20	OPT18	100	2500	25.53	28.41	28.41	25.53	25.53	25.53	25.53	25.53	25.53
20	OPT18	100	2550	25.58	28.54	28.54	25.58	25.58	25.58	25.58	25.58	25.58
20	OPT18	100	2600	25.63	28.67	28.67	25.63	25.63	25.63	25.63	25.63	25.63
20	OPT18	100	2650	25.68	28.80	28.80	25.68	25.68	25.68	25.68	25.68	25.68
20	OPT18	100	2700	25.73	28.93	28.93	25.73	25.73	25.73	25.73	25.73	25.73
20	OPT18	100	2750	25.78	29.06	29.06	25.78	25.78	25.78	25.78	25.78	25.78
20	OPT18	100	2800	25.83	29.19	29.19	25.83	25.83	25.83	25.83	25.83	25.83
20	OPT18	100	2850	25.88	29.32	29.32	25.88	25.88	25.88	25.88	25.88	25.88
20	OPT18	100	2900	25.93	29.45	29.45	25.93	25.93	25.93	25.93	25.93	25.93
20	OPT18	100	2950	25.98	29.58	29.58	25.98	25.98	25.98	25.98	25.98	25.98
20	OPT18	100	3000	26.03	29.71	29.71	26.03	26.03	26.03	26.03	26.03	26.03
20	OPT18	100	3050	26.08	29.84	29.84	26.08	26.08	26.08	26.08	26.08	26.08
20	OPT18	100	3100	26.13	29.97	29.97	26.13	26.13	26.13	26.13	26.13	26.13
20	OPT18	100	3150	26.18	30.10	30.10	26.18	26.18	26.18	26.18	26.18	26.18
20	OPT18	100	3200	26.23	30.23	30.23	26.23	26.23	26.23	26.23	26.23	26.23
20	OPT18	100	3250	26.28	30.36	30.36	26.28	26.28	26.28	26.28	26.28	26.28
20	OPT18	100	3300	26.33	30.49	30.49	26.33	26.33	26.33	26.33	26.33	26.33
20	OPT18	100	3350	26.38	30.62	30.62	26.38	26.38	26.38	26.38	26.38	26.38
20	OPT18	100	3400	26.43	30.75	30.75	26.43	26.43	26.43	26.43	26.43	26.43
20	OPT18	100	3450	26.48	30.88	30.88	26.48	26.48	26.48	26.48	26.48	26.48
20	OPT18	100	3500	26.53	31.01	31.01	26.53	26.53	26.53	26.53	26.53	26.53
20	OPT18	100	3550	26.58	31.14	31.14	26.58	26.58	26.58	26.58	26.58	26.58
20	OPT18	100	3600	26.63	31.27	31.27	26.63	26.63	26.63	26.63	26.63	26.63
20	OPT18	100	3650	26.68	31.40	31.40	26.68	26.68	26.68	26.68	26.68	26.68
20	OPT18	100	3700	26.73	31.53	31.53	26.73	26.73	26.73	26.73	26.73	26.73
20	OPT18	100	3750	26.78	31.66	31.66	26.78	26.78	26.78	26.78	26.78	26.78
20	OPT18	100	3800	26.83	31.79	31.79	26.83	26.83	26.83	26.83	26.83	26.83
20	OPT18	100	3850	26.88	31.92	31.92	26.88	26.88	26.88	26.88	26.88	26.88
20	OPT18	100	3900	26.93	32.05	32.05	26.93	26.93	26.93	26.93	26.93	26.93
20	OPT18	100	3950	26.98	32.18	32.18	26.98	26.98	26.98	26.98	26.98	26.98
20	OPT18	100	4000	27.03	32.31	32.31	27.03	27.03	27.03	27.03	27.03	27.03
20	OPT18	100	4050	27.08	32.44	32.44	27.08	27.08	27.08	27.08	27.08	27.08
20	OPT18	100	4100	27.13	32.57	32.57	27.13	27.13	27.13	27.13	27.13	27.13
20	OPT18	100	4150	27.18	32.70	32.70	27.18	27.18	27.18	27.18	27.18	27.18
20	OPT18	100	4200	27.23	32.83	32.83	27.23	27.23	27.23	27.23	27.23	27.23
20	OPT18	100	4250	27.28	32.96	32.96	27.28	27.28	27.28	27.28	27.28	27.28
20	OPT18	100	4300	27.33	33.09	33.09	27.33	27.33	27.33	27.33	27.33	27.33
20	OPT18	100	4350	27.38	33.22	33.22	27.38	27.38	27.38	27.38	27.38	27.38
20	OPT18	100	4400	27.43	33.35	33.35	27.43	27.43	27.43	27.43	27.43	27.43
20	OPT18	100	4450	27.48	33.48	33.48	27.48	27.48	27.48	27.48	27.48	27.48
20	OPT18	100	4500	27.53	33.61	33.61	27.53	27.53	27.53	27.53	27.53	27.53
20	OPT18	100	4550	27.58	33.74	33.						

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	20.02	20.11	20.09	21.5	0	
20	QPSK	1	49	20.03	20.02	20.02			
20	QPSK	1	99	20.10	20.09	19.94			
20	QPSK	50	0	20.07	20.08	20.03	21.5	0	
20	QPSK	50	24	19.99	20.00	19.93			
20	QPSK	50	50	19.97	20.06	19.91			
20	QPSK	100	0	19.98	20.05	19.89	21.5	0	
20	16QAM	1	0	20.04	19.92	19.89			
20	16QAM	1	49	19.96	19.98	20.09			
20	16QAM	1	99	19.97	19.89	20.06	21.5	0	
20	16QAM	50	0	20.00	20.09	19.89			
20	16QAM	50	24	19.92	19.92	19.98			
20	16QAM	50	50	19.88	20.06	19.88	21.5	0	
20	16QAM	100	0	19.94	20.05	20.03			
20	64QAM	1	0	19.93	19.94	20.02	21.5	0	
20	64QAM	1	49	19.90	19.89	20.00			
20	64QAM	1	99	20.03	20.03	19.98			
20	64QAM	50	0	19.51	19.56	19.55	20.5	1	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	3	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	3	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	21.5	0	
20	256QAM	100	0	17.39	17.65	17.54			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.83	20.00	19.90	21.5	0	
15	QPSK	1	37	19.90	19.90	19.97			
15	QPSK	1	74	19.92	19.97	19.82			
15	QPSK	36	0	19.95	19.92	19.94	21.5	0	
15	QPSK	36	20	19.94	19.90	19.80			
15	QPSK	36	39	19.90	19.93	19.81			
15	QPSK	75	0	19.92	19.96	19.75	21.5	0	
15	16QAM	1	0	19.94	19.85	19.79			
15	16QAM	1	37	19.85	19.88	19.92			
15	16QAM	1	74	19.80	19.73	20.02	21.5	0	
15	16QAM	36	0	19.87	19.98	19.83			
15	16QAM	36	20	19.82	19.86	19.83			
15	16QAM	36	39	19.79	20.01	19.76	21.5	0	
15	16QAM	75	0	19.88	19.92	19.90			
15	64QAM	1	0	19.87	19.81	19.95	21.5	0	
15	64QAM	1	37	19.80	19.79	19.87			
15	64QAM	1	74	19.89	19.98	19.90			
15	64QAM	36	0	19.42	19.40	19.42	20.5	1	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	3	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	3	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49	21.5	0	
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.86	19.98	19.96	21.5	0	
10	QPSK	1	25	19.93	19.87	19.89			
10	QPSK	1	49	19.96	19.93	19.85			
10	QPSK	25	0	20.03	19.89	19.85	21.5	0	
10	QPSK	25	12	19.85	19.94	19.83			
10	QPSK	25	25	19.83	19.90	19.85			
10	QPSK	50	0	19.79	19.98	19.75	21.5	0	
10	16QAM	1	0	19.93	19.80	19.72			
10	16QAM	1	25	19.91	19.92	20.01			
10	16QAM	1	49	19.77	19.80	19.96	21.5	0	
10	16QAM	25	0	19.83	19.92	19.75			
10	16QAM	25	12	19.73	19.76	19.91			
10	16QAM	25	25	19.83	19.96	19.71	21.5	0	
10	16QAM	50	0	19.89	19.86	19.88			
10	64QAM	1	0	19.78	19.81	19.89			
10	64QAM	1	25	19.71	19.73	19.92	20.5	1	
10	64QAM	1	49	19.85	19.86	19.88			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	18.5	3	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	3	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	3	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47	21.5	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.90	20.03	19.85			
5	QPSK	1	12	19.97	19.83	19.86	21.5	0	
5	QPSK	1	24	19.95	19.99	19.76			
5	QPSK	12	0	19.89	19.97	19.87			
5	QPSK	12	7	19.92	19.83	19.81	21.5	0	
5	QPSK	12	13	19.79	19.92	19.78			
5	QPSK	25	0	19.80	19.96	19.74			
5	16QAM	1	0	19.96	19.82	19.73	21.5	0	
5	16QAM	1	12	19.77	19.79	19.94			
5	16QAM	1	24	19.84	19.73	19.92			
5	16QAM	12	0	19.95	19.94	19.71	21.5	0	
5	16QAM	12	7	19.86	19.74	19.87			
5	16QAM	12	13	19.75	19.96	19.75			
5	16QAM	25	0	19.86	19.99	19.84	21.5	0	
5	64QAM	1	0	19.89	19.89	19.91			
5	64QAM	1	12	19.74	19.75	19.83			
5	64QAM	1	24	19.88	19.86	19.80	20.5	1	
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52			
5	64QAM	12	13	19.46	19.34	19.51	18.5	3	
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68			
5	256QAM	1	12	17.65	17.37	17.67	18.5	3	
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39			
5	256QAM	12	7	17.24	17.34	17.36	18.5	3	
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 2 Ant4 For ENDC												LTE Band 4 Ant4 For ENDC												LTE Band 25 Ant4 For ENDC												LTE Band 66 Ant4 For ENDC											
SV (MHz)	Modulation	RB Size	RB Offset	Power Low	Power High	Time-up (ms)	MPBS (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low	Power High	Time-up (ms)	MPBS (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low	Power High	Time-up (ms)	MPBS (dB)	SV (MHz)	Modulation	RB Size	RB Offset	Power Low	Power High	Time-up (ms)	MPBS (dB)																
Channel				18000	18100			Channel				17200	17250			Channel				26140	26140	26150		Channel				130072	130072	130072																	
20	QPSK	1	0	15.32	15.33	15.44		20	QPSK	1	0	14.40	14.54	14.40		20	QPSK	1	0	15.32	15.33	15.32		20	QPSK	1	0	14.40	14.41	14.41																	
20	QPSK	1	40	15.24	15.26	15.34	N6.5	0	20	QPSK	1	56	14.40	14.54	14.53	15.5	0	20	QPSK	1	56	14.40	14.40	15.38	N6.5	0	20	QPSK	1	56	14.51	14.57	14.51														
20	QPSK	1	80	15.16	15.18	15.26		20	QPSK	1	80	14.32	14.46	14.45		20	QPSK	1	80	14.24	14.38	14.37		20	QPSK	1	80	14.16	14.18	14.18																	
20	QPSK	50	24	15.30	15.32	15.34		20	QPSK	50	24	14.38	14.51	14.41		20	QPSK	50	24	15.34	15.37	15.30		20	QPSK	50	24	14.43	14.39	14.39																	
20	QPSK	50	50	15.45	15.43	15.40		20	QPSK	50	50	14.38	14.52	14.54		20	QPSK	50	50	15.38	15.42	15.39		20	QPSK	50	50	14.35	14.29	14.44																	
20	QPSK	100	0	15.20	15.44	15.40		20	QPSK	100	0	14.38	14.48	14.48		20	QPSK	100	0	15.27	15.47	15.38		20	QPSK	100	0	14.28	14.35	14.42																	
20	QPSK	100	40	15.12	15.48	15.43		20	QPSK	100	40	14.40	14.51	15.52	15.5	0	20	QPSK	100	40	15.27	15.33	15.31		20	QPSK	100	40	14.29	14.37	14.43																
20	16QAM	1	48	15.47	15.28	15.39	N6.5	0	20	16QAM	1	48	14.41	14.44	14.44		20	16QAM	1	48	15.38	15.44	15.40	N6.5	0	20	16QAM	1	48	14.41	14.57	14.44	15.5	0													
20	16QAM	1	56	15.33	15.46	15.43		20	16QAM	1	56	14.46	14.50	14.50		20	16QAM	1	56	15.26	15.43	15.44		20	16QAM	1	56	14.56	14.58	14.54																	
20	16QAM	50	24	15.38	15.40	15.39		20	16QAM	50	24	14.38	14.54	14.51		20	16QAM	50	24	15.32	15.35	15.32		20	16QAM	50	24	14.38	14.40	14.38																	
20	16QAM	50	50	15.22	15.29	15.41		20	16QAM	50	50	14.41	14.49	14.49	15.5	0	20	16QAM	50	50	14.49	15.37	15.30		20	16QAM	50	50	14.43	14.40	14.53																
20	16QAM	50	50	15.28	15.23	15.35		20	16QAM	50	50	14.51	14.53	14.54		20	16QAM	50	50	15.28	15.39	15.30		20	16QAM	50	50	14.42	14.41	14.55		15.5	0														
20	16QAM	100	0	15.20	15.48	15.38		20	16QAM	100	0	14.40	14.44	14.44		20	16QAM	100	0	15.27	15.31	15.31		20	16QAM	100	0	14.35	14.35	14.50																	
20	16QAM	1	0	15.28	15.34	15.22		20	16QAM	1	0	14.44	14.44	14.5		20	16QAM	1	0	15.29	15.35	15.34		20	16QAM	1	0	14.56	14.57	14.51																	
20	16QAM	1	40	15.24	15.45	15.27		20	16QAM	1	40	14.39	14.59	14.48	15.5	0	20	16QAM	1	40	15.34	15.33	15.44		20	16QAM	1	40	14.41	14.50	14.50		15.5	0													
20	16QAM	1	56	15.26	15.29	15.43		20	16QAM	1	56	14.40	14.52	14.52		20	16QAM	1	56	15.28	15.43	15.36		20	16QAM	1	56	14.49	14.49	14.55																	
20	16QAM	50	24	15.42	15.39	15.38		20	16QAM	50	24	14.50	14.55	14.38		20	16QAM	50	24	15.27	15.33	15.33		20	16QAM	50	24	14.54	14.53	14.55																	
20	16QAM	50	50	15.39	15.33	15.26		20	16QAM	50	50	14.48	14.49	14.51	15.5	0	20	16QAM	50	50	15.32	15.47	15.45	N6.5	0	20	16QAM	50	50	14.38	14.48	14.49		15.5	0												
20	16QAM	50	50	15.46	15.29	15.38		20	16QAM	50	50	14.49	14.49	14.51		20	16QAM	50	50	15.41	15.42	15.51		20	16QAM	50	50	14.36	14.34	14.47																	
20	16QAM	100	0	15.32	15.35	15.27		20	16QAM	100	0	14.52	14.52	15.27		20	16QAM	100	0	15.32	15.32	15.37		20	16QAM	100	0	14.38	14.40	14.38																	
20	16QAM	1	0	15.45	15.41	15.25		20	16QAM	1	0	14.39	14.51	14.48		20	16QAM	1	0	15.34	15.37	15.30		20	16QAM	1	0	14.41	15.32	15.40																	
20	25QAM	1	48	15.33	15.34	15.39	N6.5	0	20	25QAM	1	48	14.35	14.42	14.52	15.5	0	20	25QAM	1	48	15.50	15.40	15.29	N6.5	0	20	25QAM	1	48	14.34	14.44	14.53														
20	25QAM	1	56	15.35	15.39	15.25		20	25QAM	1	56	14.37	14.38	14.39		20	25QAM	1	56	15.29	15.41	15.36		20	25QAM	1	56	14.35	14.47	14.47																	
20	25QAM	50	24	15.24	15.45	15.34		20	25QAM	50	24	14.31	14.29	14.33	15.5	0	20	25QAM	50	24	15.49	15.37	15.30	N6.5	0	20	25QAM	50	24	14.51	14.49	14.40															
20	25QAM	50	50	15.27	15.28	15.29		20	25QAM	50	50	14.51	14.54	14.56		20	25QAM	50	50	15.28	15.27	14.57		20	25QAM	50	50	14.52	14.49	14.54																	
20	25QAM	100	0	15.27	15.28	15.29		20	25QAM	100	0	14.35	14.38	14.39		20	25QAM	100	0	15.28	15.27	14.57		20	25QAM	100	0	14.52	14.49	14.54																	
Channel				18000	18050	18100	Time-up (ms)	MPBS (dB)	Channel				17200	17250	17250	Time-up (ms)	MPBS (dB)	Channel				26140	26140	26145	Time-up (ms)	MPBS (dB)	Channel				130072	130072	130080	Time-up (ms)	MPBS (dB)												
15	QPSK	1	0	15.37	15.38	15.29		15	QPSK	1	0	14.47	14.39	14.29		15	QPSK	1	0	15.37	15.39	15.29		15	QPSK	1	0	14.47	14.51	14.29		15	QPSK	1	0	14.47	14.51	14.29									
15	QPSK	1	37	15.18	15.24	15.25	N6.5	0	15	QPSK	1	37	14.20	15.21	15.22	15.5	0	15	QPSK	1	37	14.27	14.38	15.22	N6.5	0	15	QPSK	1	37	14.37	14.38	15.22	15.5	0												
15	QPSK	1	74	15.14	15.18	15.28		15	QPSK	1	74	14.30	14.35	14.42		15	QPSK	1	74	15.35	15.28	15.30		15	QPSK	1	74	14.38	14.28	14.24																	
15	QPSK	36	20	15.31	15.28	15.22		15	QPSK	36	20	14.52	14.48	14.36		15	QPSK	36	20	15.31	15.43	15.41		15	QPSK	36	20	14.29	14.47	14.41																	
15	QPSK	36	20	15.24	15.07	15.16		15	QPSK	36	20	14.53	14.41	14.27		15	QPSK	36	20	15.23	15.30	15.37	N6.5	0	15	QPSK	36	20	14.35	14.39	15.18																
15	QPSK	36	36	15.30	15.16	15.23	15.5	0	15	QPSK	36	36	14.29	14.27	14.44		15	QPSK	36	36	15.15	15.28	15.30		15	QPSK	36	36	14.50	15.09	15.28																
15	QPSK	75	0	15.20	15.30	15.25		15	QPSK	75	0	14.28	14.34	14.31		15	QPSK	75	0	15.10	15.40	15.26		15	QPSK	75	0	14.31	14.53	14.37																	
15	QPSK	75	36	15.28	15.15	15.25		15	QPSK	75	36	14.38	14.48	14.39		15	QPSK	75	36	15.27	15.38	15.18		15	QPSK	75	36	14.30	14.38	14.38																	
15	16QAM	1	37	15.33	15.09	15.27	N6.5	0	15	16QAM	1	37	14.28	14.38	14.36	15.5	0	15	16QAM	1	37	15.20	15.34	15.36	N6.5	0	15	16QAM	1	37	14.59	14.21	14.25	15.5	0												
15	16QAM	1	74	15.13	15.37	15.37		15	16QAM	1	74	14.31	14.21	14.25		15	16QAM	1	74	15.09	15.38	15.30		15	16QAM	1	74	14.43	14.25	14.35																	
15	16QAM	36	20	15.32	15.35	15.29		15	16QAM	36	20	14.30	14.35	14.31		15	16QAM	36	20	15.20	15.23	15.29		15	16QAM	36	20	14.32	14.38	14.35																	
15	16QAM	36	36	15.18	15.12	15.31	15.5	0	15	16QAM	36	36	14.40	14.23	14.29		15	16QAM	36	36	15.16	15.31	15.38		15	16QAM	36	36	14.23	14.38	14.28																
15	16QAM	75	0	15.13	15.22	15.22		15	16QAM	75	0	14.34	14.36	14.37		15	16QAM	75	0	15.10	15.28	15.42		15	16QAM	75	0	14.42	14.44	14.41																	
15	16QAM	75	36	15.22	15.25	15.14		15	16QAM	75	36	14.30	14.37	14.39		15	16QAM	75	36	15.22	15.27	15.29		15	16QAM	75	36	14.43	14.29	14.25																	
15	16QAM	1	37	15.09	15.37	15.12		15	16QAM	1	37	14.33	14.34	14.44	15.5	0	15	16QAM	1	37	15.33	15.28	15.40		15	16QAM	1	37	14.24	15.39	14.21																
15	16QAM	1	74	15.28	15.23	15.37		15	16QAM	1	74	14.27	14.35	14.30		15	16QAM	1	74	15.20	15.38	15.18		15	16QAM	1	74	14.43	14.52	14.52																	
15	16QAM	36	20	15.30	15.19	15.19		15	16QAM	36	20	14.32	14.27	14.29		15	16QAM	36	20	15.12	15.23	15.33	N6.5	0																							

LTE Band 43 Ant6 (3.7GHz Band) for FCC use									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 1	Power Middle Ch. 1	Power High Ch. 1	Tune-up limit (dBm)	MPR (dB)	
Channel				44190	44590	44990			
Frequency (MHz)				3610	3650	3690			
20	QPSK	1	0	21.66	21.75	21.63	23	0	
20	QPSK	1	49	21.57	21.62	21.67			
20	QPSK	1	99	21.74	21.57	21.59			
20	QPSK	50	0	21.72	21.73	21.63			
20	QPSK	50	24	21.65	21.67	21.59	23	0	
20	QPSK	50	50	21.69	21.58	21.70			
20	QPSK	100	0	21.57	21.66	21.55			
20	16QAM	1	0	21.57	21.56	21.57			
20	16QAM	1	49	21.70	21.68	21.70	23	0	
20	16QAM	1	99	21.70	21.58	21.73			
20	16QAM	50	0	20.83	20.77	20.75			
20	16QAM	50	24	20.63	20.80	20.78			
20	16QAM	50	50	20.86	20.62	20.79	22	1	
20	16QAM	100	0	20.74	20.60	20.63			
20	64QAM	1	0	20.80	20.83	20.86			
20	64QAM	1	49	20.96	20.94	20.78			
20	64QAM	1	99	20.66	20.95	20.91	22	1	
20	64QAM	50	0	19.86	19.75	19.60			
20	64QAM	50	24	19.91	19.75	19.79			
20	64QAM	50	50	19.78	19.75	19.62			
20	64QAM	100	0	19.67	19.82	19.67	21	2	
20	256QAM	1	0	17.79	17.71	17.83			
20	256QAM	1	49	17.85	17.80	17.56			
20	256QAM	1	99	17.73	17.66	17.65			
20	256QAM	50	0	17.93	17.77	17.83	19	4	
20	256QAM	50	24	17.69	17.84	17.62			
20	256QAM	50	50	17.75	17.69	17.83			
20	256QAM	100	0	17.92	17.78	17.73			
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3607.5	3650	3692.5			
15	QPSK	1	0	21.57	21.72	21.51	23	0	
15	QPSK	1	37	21.52	21.57	21.51			
15	QPSK	1	74	21.69	21.40	21.47			
15	QPSK	36	0	21.58	21.69	21.56			
15	QPSK	36	20	21.61	21.59	21.55	23	0	
15	QPSK	36	39	21.65	21.40	21.67			
15	QPSK	75	0	21.46	21.57	21.46			
15	16QAM	1	0	21.46	21.43	21.53			
15	16QAM	1	37	21.66	21.80	21.68	23	0	
15	16QAM	1	74	21.65	21.41	21.60			
15	16QAM	36	0	20.70	20.62	20.70			
15	16QAM	36	20	20.47	20.66	20.72			
15	16QAM	36	39	20.82	20.46	20.65	22	1	
15	16QAM	75	0	20.55	20.49	20.44			
15	64QAM	1	0	20.71	20.69	20.72			
15	64QAM	1	37	20.85	20.87	20.63			
15	64QAM	1	74	20.58	20.87	20.80	22	1	
15	64QAM	36	0	19.73	19.65	19.53			
15	64QAM	36	20	19.80	19.59	19.61			
15	64QAM	36	39	19.64	19.58	19.51			
15	64QAM	75	0	19.54	19.70	19.50	21	2	
15	256QAM	1	0	17.67	17.66	17.63			
15	256QAM	1	37	17.73	17.71	17.51			
15	256QAM	1	74	17.64	17.50	17.56			
15	256QAM	36	0	17.74	17.71	17.67	19	4	
15	256QAM	36	20	17.53	17.74	17.50			
15	256QAM	36	39	17.55	17.58	17.78			
15	256QAM	75	0	17.83	17.67	17.64			
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3605	3650	3695			
10	QPSK	1	0	21.56	21.63	21.46	23	0	
10	QPSK	1	25	21.52	21.50	21.65			
10	QPSK	1	49	21.64	21.55	21.54			
10	QPSK	25	0	21.58	21.71	21.50			
10	QPSK	25	12	21.62	21.58	21.41	23	0	
10	QPSK	25	25	21.67	21.52	21.53			
10	QPSK	50	0	21.50	21.48	21.43			
10	16QAM	1	0	21.48	21.51	21.48			
10	16QAM	1	25	21.63	21.59	21.52	23	0	
10	16QAM	1	49	21.54	21.50	21.62			
10	16QAM	25	0	20.79	20.60	20.61			
10	16QAM	25	12	20.53	20.62	20.65			
10	16QAM	25	25	20.68	20.55	20.62	22	1	
10	16QAM	50	0	20.64	20.48	20.51			
10	64QAM	1	0	20.72	20.69	20.67			
10	64QAM	1	25	20.88	20.80	20.67			
10	64QAM	1	49	20.54	20.90	20.80	22	1	
10	64QAM	25	0	19.69	19.68	19.53			
10	64QAM	25	12	19.84	19.70	19.67			
10	64QAM	25	25	19.65	19.62	19.53			
10	64QAM	50	0	19.50	19.70	19.51	21	2	
10	256QAM	1	0	17.64	17.56	17.74			
10	256QAM	1	25	17.76	17.67	17.39			
10	256QAM	1	49	17.59	17.48	17.51			
10	256QAM	25	0	17.74	17.64	17.73	19	4	
10	256QAM	25	12	17.62	17.69	17.44			
10	256QAM	25	25	17.57	17.58	17.76			
10	256QAM	50	0	17.85	17.62	17.59			
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3602.5	3650	3697.5			
5	QPSK	1	0	21.50	21.64	21.58	23	0	
5	QPSK	1	12	21.42	21.57	21.59			
5	QPSK	1	24	21.57	21.49	21.46			
5	QPSK	12	0	21.67	21.55	21.48			
5	QPSK	12	7	21.52	21.60	21.56	23	0	
5	QPSK	12	13	21.64	21.43	21.57			
5	QPSK	25	0	21.51	21.51	21.50			
5	16QAM	1	0	21.39	21.41	21.39			
5	16QAM	1	12	21.65	21.56	21.67	23	0	
5	16QAM	1	24	21.54	21.53	21.58			
5	16QAM	12	0	20.68	20.71	20.68			
5	16QAM	12	7	20.43	20.61	20.67			
5	16QAM	12	13	20.67	20.57	20.70	22	1	
5	16QAM	25	0	20.61	20.42	20.55			
5	64QAM	1	0	20.70	20.79	20.79			
5	64QAM	1	12	20.86	20.84	20.64			
5	64QAM	1	24	20.50	20.88	20.73	22	1	
5	64QAM	12	0	19.74	19.66	19.48			
5	64QAM	12	7	19.86	19.60	19.64			
5	64QAM	12	13	19.73	19.58	19.43			
5	64QAM	25	0	19.53	19.74	19.50	21	2	
5	256QAM	1	0	17.69	17.53	17.69			
5	256QAM	1	12	17.70	17.68	17.51			
5	256QAM	1	24	17.64	17.62	17.48			
5	256QAM	12	0	17.79	17.65	17.70	19	4	
5	256QAM	12	7	17.52	17.76	17.49			
5	256QAM	12	13	17.66	17.61	17.68			
5	256QAM	25	0	17.76	17.71	17.61			

LTE Band 48 Ant6 FCC Part 96									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / 55340	Power Low Middle Ch. / 55830	Power High Middle Ch. / 56150	Power High Ch. / 56640	Time-up limit (dBm)	MPR (dB)
Channel				3550	3609	3641	3690		
Frequency (MHz)									
20	QPSK	1	0	21.69	21.79	21.70	21.68	23	0
20	QPSK	1	49	21.71	21.67	21.55	21.55		
20	QPSK	1	99	21.72	21.55	21.55	21.55		
20	QPSK	50	0	21.70	21.71	21.64	21.69		
20	QPSK	50	24	21.56	21.56	21.67	21.65	23	0
20	QPSK	50	50	21.66	21.55	21.52	21.58		
20	QPSK	100	0	21.60	21.69	21.55	21.63		
20	16QAM	1	0	21.62	21.62	21.60	21.70		
20	16QAM	1	49	21.63	21.63	21.58	21.64	23	0
20	16QAM	1	99	21.70	21.55	21.56	21.67		
20	16QAM	50	0	20.70	20.88	20.90	20.81		
20	16QAM	50	24	20.82	20.13	21.02	20.91		
20	16QAM	50	50	21.02	20.11	20.95	20.99	22	
20	16QAM	100	0	20.85	20.99	20.70	20.86		
20	84QAM	1	0	20.77	20.76	20.61	20.71		
20	84QAM	1	49	20.89	20.92	20.94	20.93		
20	84QAM	1	99	20.69	20.64	20.59	20.92	22	
20	84QAM	50	0	19.98	19.87	19.71	20.03		
20	84QAM	50	24	19.70	19.75	19.81	19.82		
20	84QAM	50	50	19.78	19.78	19.84	19.78		
20	84QAM	100	0	19.92	19.70	19.71	19.86	21	2
20	256QAM	1	0	17.71	17.75	17.65	17.86		
20	256QAM	1	49	17.62	17.67	17.61	17.64		
20	256QAM	1	99	17.67	17.77	17.59	17.89		
20	256QAM	50	0	18.00	17.92	17.85	17.81	19	4
20	256QAM	50	24	18.04	17.77	17.74	17.94		
20	256QAM	50	50	17.87	17.96	17.93	17.79		
20	256QAM	100	0	18.87	17.92	18.10	17.79		
Channel				55315	55820	56180	56685	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	21.61	21.67	21.60	21.55	23	0
15	QPSK	1	37	21.67	21.54	21.44	21.42		
15	QPSK	1	74	21.59	21.42	21.52	21.38		
15	QPSK	36	0	21.61	21.65	21.51	21.51		
15	QPSK	36	20	21.45	21.50	21.55	21.49	23	0
15	QPSK	36	39	21.48	21.53	21.38	21.53		
15	QPSK	75	0	21.50	21.64	21.48	21.55		
15	16QAM	1	0	21.45	21.46	21.47	21.65		
15	16QAM	1	37	21.49	21.57	21.63	21.51	23	0
15	16QAM	1	74	21.62	21.41	21.50	21.51		
15	16QAM	36	0	20.64	20.72	20.85	20.75		
15	16QAM	36	20	20.63	20.98	20.93	20.77		
15	16QAM	36	39	20.86	20.93	20.86	20.90	22	1
15	16QAM	75	0	20.66	20.94	20.58	20.72		
15	84QAM	1	0	20.72	20.71	20.52	20.60		
15	84QAM	1	37	20.75	20.86	20.85	20.86		
15	84QAM	1	74	20.59	20.49	20.51	20.74	22	1
15	84QAM	36	0	19.79	19.79	19.54	19.89		
15	84QAM	36	20	19.57	19.58	19.64	19.73		
15	84QAM	36	39	19.74	19.67	19.70	19.64		
15	84QAM	75	0	19.81	19.57	19.64	19.67	21	2
15	256QAM	1	0	17.58	17.63	17.61	17.74		
15	256QAM	1	37	17.50	17.50	17.49	17.51		
15	256QAM	1	74	17.53	17.63	17.51	17.75		
15	256QAM	36	0	17.83	17.84	17.72	17.66	19	4
15	256QAM	36	20	17.92	17.88	17.65	17.89		
15	256QAM	36	39	17.71	17.91	17.76	17.70		
15	256QAM	75	0	17.71	17.77	17.85	17.72		
Channel				55315	55815	56185	56690	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3692.5		
10	QPSK	1	0	21.55	21.66	21.65	21.51	23	0
10	QPSK	1	25	21.67	21.57	21.53	21.48		
10	QPSK	1	49	21.63	21.37	21.43	21.43		
10	QPSK	25	0	21.54	21.57	21.53	21.62		
10	QPSK	25	12	21.41	21.45	21.50	21.61	23	0
10	QPSK	25	25	21.58	21.51	21.38	21.41		
10	QPSK	50	0	21.43	21.58	21.46	21.61		
10	16QAM	1	0	21.53	21.61	21.54	21.52		
10	16QAM	1	25	21.53	21.60	21.54	21.58	23	0
10	16QAM	1	49	21.57	21.46	21.43	21.54		
10	16QAM	25	0	20.60	20.75	20.85	20.75		
10	16QAM	25	12	20.65	20.84	20.90	20.79		
10	16QAM	25	25	20.89	20.97	20.86	20.79	22	1
10	16QAM	50	0	20.72	20.88	20.58	20.76		
10	84QAM	1	0	20.68	20.58	20.45	20.65		
10	84QAM	1	25	20.77	20.80	20.79	20.77		
10	84QAM	1	49	20.55	20.46	20.48	20.75	22	1
10	84QAM	25	0	19.79	19.80	19.61	19.91		
10	84QAM	25	12	19.64	19.56	19.66	19.72		
10	84QAM	25	25	19.60	19.61	19.64	19.74		
10	84QAM	50	0	19.75	19.52	19.55	19.79	21	2
10	256QAM	1	0	17.57	17.67	17.53	17.79		
10	256QAM	1	25	17.46	17.60	17.46	17.50		
10	256QAM	1	49	17.51	17.70	17.53	17.76		
10	256QAM	25	0	19.90	17.78	17.79	17.62	19	4
10	256QAM	25	12	17.89	17.59	17.54	17.87		
10	256QAM	25	25	17.74	17.83	17.81	17.62		
10	256QAM	50	0	17.79	17.80	18.02	17.62		
Channel				55625	55810	56170	56715	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	21.60	21.59	21.52	21.59	23	0
5	QPSK	1	12	21.65	21.52	21.53	21.41		
5	QPSK	1	24	21.68	21.49	21.53	21.53		
5	QPSK	12	0	21.56	21.63	21.61	21.52		
5	QPSK	12	7	21.49	21.48	21.53	21.62	23	0
5	QPSK	12	13	21.54	21.39	21.48	21.52		
5	QPSK	25	0	21.51	21.53	21.43	21.49		
5	16QAM	1	0	21.45	21.44	21.42	21.68		
5	16QAM	1	12	21.61	21.57	21.63	21.53	23	0
5	16QAM	1	24	21.52	21.45	21.51	21.62		
5	16QAM	12	7	20.72	20.85	20.85	20.86		
5	16QAM	12	13	20.95	20.87	20.84	20.88		
5	16QAM	25	0	20.73	20.84	20.52	20.70	22	1
5	84QAM	1	0	20.60	20.60	20.54	20.52		
5	84QAM	1	12	20.81	20.78	20.80	20.82		
5	84QAM	1	24	20.57	20.45	20.43	20.74		
5	84QAM	12	0	19.78	19.78	19.65	19.96	22	1
5	84QAM	12	7	19.54	19.67	19.74	19.77		
5	84QAM	12	13	19.69	19.16	19.77	19.60		
5	84QAM	25	0	19.80	19.69	19.62	19.79		
5	256QAM	1	0	17.55	17.58	17.50	17.78	19	4
5	256QAM	1	12	17.46	17.61	17.45	17.57		
5	256QAM	1	24	17.50	17.57	17.40	17.79		
5	256QAM	12	0	17.81	17.82	17.71	17.76		
5	256QAM	12	7	17.99	17.70	17.56	17.77	19	4
5	256QAM	12	13	17.77	17.92	17.74	17.67		
5	256QAM	25	0	17.70	17.74	18.04	17.74		

Reduced Power Mode for DSA Standalone													
<WCDMA>	Band	WCDMA II Ant 1			WCDMA IV Ant 1				WCDMA V Ant 1				
		Tune-up Limit			Tune-up Limit				Tune-up Limit				
	TX Channel	8262	8400	9538	1312	1413	1513	1637	4132	4182	4233	4407	
	Rx Channel	8662	8800	9938	1637	1638	1728	1728	4307	4407	4458	4458	
	Frequency (MHz)	1852.4	1860	1907.6	1712.4	1732.6	1752.6	1752.6	826.4	836.4	846.6	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMC 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDPA Subtest-1	22.12	22.41	22.44	23.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDPA Subtest-3	21.66	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.83	21.83	22.50
3GPP Rel 6	HSDPA Subtest-4	21.72	21.77	21.80	22.50	21.69	21.79	21.85	22.50	21.86	22.01	21.72	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.90	21.84	21.94	22.50	21.67	21.77	21.82	22.50	21.86	21.92	21.86	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.83	21.87	21.93	22.50	21.86	21.84	21.71	22.50	21.84	21.91	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.36	21.38	22.00	21.18	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.26	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.28	22.32	23.00	22.42	22.36	22.27	23.00	22.38	22.27	22.36	23.00
3GPP Rel 7	HSPA+ (10QAM) Subtest-1	19.80	19.67	19.75	20.50	19.88	19.93	19.79	20.50	19.97	19.90	19.87	20.50

LTE Band 2 Ant1										
SV Band	Modulation	RB Size	RB Offset	Power Low Ch /	Power Med Ch /	Power High Ch /	Time Slot (ms)	MFR (MHz)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.35	23.41	23.34	24.5	0		
20	QPSK	2	49	23.38	23.38	23.27				
20	QPSK	1	98	23.38	23.38	23.27				
20	QPSK	50	0	22.38	22.58	22.48				
20	QPSK	50	24	22.48	22.42	22.34				
20	QPSK	50	50	22.43	22.41	22.51				
20	QPSK	100	0	22.46	22.51	22.43				
20	16QAM	1	0	22.79	22.83	22.68				
20	16QAM	1	49	22.78	22.78	22.51				
20	16QAM	1	99	22.74	22.77	22.58				
20	16QAM	50	0	21.38	21.42	21.32				
20	16QAM	50	24	21.44	21.37	21.39				
20	16QAM	50	50	21.43	21.56	21.24				
20	16QAM	100	0	21.38	21.40	21.32				
20	64QAM	1	0	21.76	21.76	21.81				
20	64QAM	1	49	21.58	21.52	21.50				
20	64QAM	1	99	21.76	21.88	21.82				
20	64QAM	50	0	20.42	20.48	20.42				
20	64QAM	50	24	20.38	20.52	20.57				
20	64QAM	50	50	20.40	20.30	20.48				
20	64QAM	100	0	20.42	20.44	20.42				
20	256QAM	1	49	18.51	18.52	18.54				
20	256QAM	1	99	18.49	18.72	18.57				
20	256QAM	50	0	18.43	18.40	18.34				
20	256QAM	50	24	18.30	18.55	18.44				
20	256QAM	50	50	18.24	18.28	18.34				
20	256QAM	100	0	18.31	18.36	18.55				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.31	23.32	23.27	24.5	0		
15	QPSK	2	49	23.31	23.32	23.27				
15	QPSK	1	74	23.31	23.18	23.09				
15	QPSK	38	0	22.23	22.49	22.29				
15	QPSK	38	24	22.28	22.33	22.29				
15	QPSK	38	49	22.35	22.30	22.27				
15	QPSK	75	0	22.36	22.44	22.24				
15	16QAM	1	0	22.89	22.77	22.49				
15	16QAM	1	49	22.78	22.73	22.58				
15	16QAM	1	74	22.82	22.79	22.84				
15	16QAM	38	0	21.32	21.34	21.13				
15	16QAM	38	24	21.35	21.15	21.28				
15	16QAM	38	39	21.37	21.39	21.12				
15	16QAM	75	0	21.21	21.54	21.20				
15	64QAM	1	0	21.59	21.86	21.68				
15	64QAM	1	24	21.47	21.68	21.61				
15	64QAM	1	74	21.70	21.49	21.63				
15	64QAM	38	0	20.35	20.36	20.36				
15	64QAM	38	24	20.28	20.32	20.42				
15	64QAM	38	39	20.34	20.32	20.32				
15	64QAM	75	0	20.38	20.32	20.37				
15	256QAM	1	49	18.46	18.46	18.38				
15	256QAM	1	37	18.40	18.45	18.34				
15	256QAM	1	74	18.30	18.86	18.42				
15	256QAM	38	0	18.34	18.36	18.36				
15	256QAM	38	24	18.14	18.38	18.33				
15	256QAM	38	39	18.05	18.12	18.48				
15	256QAM	75	0	18.25	18.30	18.40				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.28	23.28	23.23	24.5	0		
10	QPSK	1	49	23.24	23.20	23.22				
10	QPSK	25	0	22.31	22.40	22.30				
10	QPSK	25	12	22.38	22.34	22.31				
10	QPSK	25	25	22.27	22.32	22.35				
10	QPSK	50	0	22.41	22.37	22.33				
10	16QAM	1	0	22.84	22.89	22.49				
10	16QAM	1	49	22.80	22.68	22.63				
10	16QAM	1	49	22.77	22.89	22.78				
10	16QAM	25	0	21.24	21.22	21.27				
10	16QAM	25	12	21.25	21.20	21.29				
10	16QAM	25	25	21.30	21.40	21.08				
10	16QAM	50	0	21.24	21.55	21.23				
10	16QAM	50	24	21.26	21.15	21.25				
10	16QAM	1	25	21.45	21.03	21.05				
10	16QAM	1	49	21.60	21.51	21.77				
10	64QAM	25	0	20.34	20.34	20.27				
10	64QAM	25	12	20.28	20.27	20.45				
10	64QAM	25	25	20.33	20.33	20.46				
10	64QAM	50	0	20.38	20.34	20.40				
10	256QAM	1	49	18.32	18.34	18.34				
10	256QAM	1	25	18.47	18.48	18.34				
10	256QAM	1	49	18.41	18.53	18.42				
10	256QAM	25	0	18.36	18.37	18.46				
10	256QAM	25	12	18.26	18.49	18.39				
10	256QAM	25	25	18.15	18.20	18.36				
10	256QAM	50	0	18.22	18.31	18.45				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.29	23.33	23.22	24.5	0		
5	QPSK	1	49	23.28	23.33	23.15				
5	QPSK	1	24	23.27	23.29	23.11				
5	QPSK	12	0	22.30	22.42	22.39				
5	QPSK	12	25	22.37	22.37	22.14				
5	QPSK	19	13	22.29	22.34	22.34				
5	QPSK	25	0	22.40	22.33	22.38				
5	16QAM	1	0	22.83	22.78	22.80				
5	16QAM	25	0	22.79	22.78	22.92				
5	16QAM	1	24	22.83	22.82	22.77				
5	16QAM	12	0	21.27	21.29	21.18				
5	16QAM	12	0	21.32	21.17	21.20				
5	16QAM	12	13	21.24	21.45	21.18				
5	16QAM	25	0	21.25	21.53	21.27				
5	16QAM	1	19	21.46	21.08	21.05				
5	64QAM	1	24	21.89	21.33	21.88				
5	64QAM	12	0	20.36	20.31	20.31				
5	64QAM	12	0	20.30	20.55	20.41				
5	64QAM	12	13	20.30	20.16	20.38				
5	64QAM	25	0	20.34	20.37	20.39				
5	256QAM	1	19	18.34	18.30	18.30				
5	256QAM	1	12	18.33	18.33	18.34				
5	256QAM	1	24	18.33	18.34	18.47				
5	256QAM	12	0	18.37	18.34	18.36				
5	256QAM	12	7	18.21	18.35	18.31				
5	256QAM	12	13	18.18	18.19	18.49				
5	256QAM	25	0	18.18	18.26	18.52				
14	64QAM	1	0	21.16	21.36	21.04				
14	64QAM	3	0	21.59	21.49	21.63				
14	64QAM	3	1	21.40	21.59	21.54				
14	64QAM	1	0	21.05	21.38	21.08				
14	64QAM	6	0	20.16	20.17	20.15				
14	256QAM	1	0	18.59	18.47	18.60				
14	256QAM	1	0	18.38	18.44	18.48				
14	256QAM	1	5	18.36	18.32	18.42				
14	256QAM	3	0	18.24	18.31	18.20				
14	256QAM	3	3	18.16	18.22	18.44				
14	256QAM	6	0	18.23	18.19	18.48				

LTE Band 4 Ant1										
SV Band	Modulation	RB Size	RB Offset	Power Low Ch /	Power Med Ch /	Power High Ch /	Time-slot (ms)	MFR (MHz)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.31	23.33	23.27	24.5	0		
20	QPSK	1	49	23.29	23.25	23.23				
20	QPSK	1	98	23.20	23.23	23.30				
20	QPSK	50	0	22.45	22.40	22.38				
20	QPSK	50	24	22.40	22.35	22.40				
20	QPSK	50	50	22.32	22.46	22.41				
20	16QAM	1	0	22.75	22.70	22.60				
20	16QAM	1	49	22.70	22.74	22.58				
20	16QAM	1	99	22.81	22.84	22.50				
20	16QAM	50	0	21.37	21.42	21.39				
20	16QAM	50	24	21.42	21.45	21.42				
20	16QAM	50	50	21.28	21.47	21.24				
20	16QAM	100	0	21.41	21.42	21.27				
20	16QAM	1	0	21.27	21.57	21.08				
20	16QAM	1	49	21.43	21.40	21.08				
20	16QAM	1	99	21.56	21.54	21.08				
20	16QAM	50	0	20.37	20.48	20.04				
20	16QAM	50	24	20.42	20.55	20.00				
20	16QAM	50	50	20.53	20.53	20.51				
20	16QAM	100	0	20.31	20.55	20.48				
20	256QAM	1	0	18.38	18.48	18.52				
20	256QAM	1	49	18.60	18.63	18.56				
20	256QAM	1	99	18.56	18.54	18.52				
20	256QAM	50	0	18.54	18.50	18.49				
20	256QAM	50	24	18.55	18.49	18.49				
20	256QAM	50	50	18.46	18.54	18.46				
20	256QAM	100	0	18.62	18.63	18.61				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.17	22.18	22.17	24.5	0		
15	QPSK	1	24	22.19	22.18	22.17				
15	QPSK	1	37	22.11	22.27	22.08				
15	QPSK	1	74	22.05	22.19	22.20				
15	QPSK	1	111	22.13	22.48	22.11				
15	QPSK	36	0	22.21	22.48	22.27				
15	QPSK	36	36	22.13	22.37	22.25				
15	QPSK	36	72	22.34	22.35	22.18				
15	16QAM	1	0	22.55	22.54	22.49				
15	16QAM	1	37	22.51	22.61	22.49				
15	16QAM	1	74	22.54	22.73	22.49				
15	16QAM	36	0	21.30	21.35	21.21				
15	16QAM	36	36	21.29	21.40	21.16				
15	16QAM	36	72	21.55	21.29	21.05				
15	16QAM	72	0	21.26	21.12	21.07				
15	16QAM	1	0	21.27	21.44	21.51				
15	16QAM	1	37	21.27	21.34	21.41				
15	16QAM	1	74	21.45	21.42	21.41				
15	16QAM	36	36	20.23	20.30	20.44				
15	16QAM	36	72	20.24	20.46	20.43				
15	256QAM	1	0	18.51	18.59	18.49				
15	256QAM	1	37	18.41	18.52	18.44				
15	256QAM	1	74	18.41	18.50	18.37				
15	256QAM	36	0	18.26	18.32	18.44				
15	256QAM	36	36	18.31	18.33	18.44				
15	256QAM	36	72	18.40	18.40	18.34				
15	256QAM	72	0	18.40	18.40	18.34				
15	256QAM	72	36	18.48	18.44	18.44				
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.32	23.32	23.14	24.5	0		
10	QPSK	1	25	23.21	23.20	23.11				
10	QPSK	1	48	23.10	23.15	23.13				
10	QPSK	1	73	23.28	23.52	23.26				
10	QPSK	25	0	22.27	22.28	22.22				
10	QPSK	25	25	22.20	22.26	22.23				
10	QPSK	25	50	22.41	22.42	22.23				
10	16QAM	1	0	22.56	22.61	22.61				
10	16QAM	1	25	22.64	22.69	22.64				
10	16QAM	1	50	22.68	22.68	22.68				
10	16QAM	25	0	21.18	21.32	21.24				
10	16QAM	25	12	21.28	21.38	21.22				
10	16QAM	25	37	21.08	21.31	21.22				
10	16QAM	25	62	21.26	21.26	21.21				
10	16QAM	1	0	21.38	21.37	21.60				
10	16QAM	1	25	21.37	21.25	21.45				
10	16QAM	1	50	21.42	21.60	21.45				
10	16QAM	25	0	20.31	20.43	20.49				
10	16QAM	25	12	20.32	20.44	20.46				
10	16QAM	25	37	20.42	20.48	20.45				
10	16QAM	25	62	20.13	20.40	20.32				
10	256QAM	1	0	18.30	18.41	18.38				
10	256QAM	1	25	18.48	18.49	18.31				
10	256QAM	1	50	18.48	18.48	18.51				
10	256QAM	25	0	18.47	18.34	18.35				
10	256QAM	25	12	18.57	18.39	18.27				
10	256QAM	25	37	18.42	18.28	18.48				
10	256QAM	25	62	18.52	18.36	18.36				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.28	23.29	23.19	24.5	0		
5	QPSK	1	12	23.10	23.29	23.19				
5	QPSK	1	24	23.02	23.19	23.19				
5	QPSK	12	0	22.25	22.48	22.34				
5	QPSK	12	7	22.24	22.41	22.24				
5	QPSK	12	13	22.19	22.32	22.20				
5	QPSK	1	0	22.34	22.33	22.23				
5	16QAM	1	0	22.60	22.63	22.54				
5	16QAM	1	12	22.68	22.69	22.50				
5	16QAM	1	24	22.64	22.65	22.48				
5	16QAM	12	0	21.18	21.29	21.31				
5	16QAM	12	7	21.27	21.28	21.30				
5	16QAM	12	13	21.32	21.32	21.32				
5	16QAM	25	0	21.29	21.11	21.22				
5	16QAM	1	0	21.41	21.40	21.58				
5	16QAM	1	12	21.29	21.29	21.42				
5	16QAM	1	24	21.32	21.45	21.42				
5	16QAM	12	0	20.28	20.44	20.53				
5	16QAM	12	7	20.22	20.43	20.53				
5	16QAM	12	13	20.38	20.43	20.43				
5	256QAM	1	0	19.15	19.45	20.39				
5	256QAM	1	0	18.27	18.30	18.43				
5	256QAM	1	12	18.38	18.38	18.45				
5	256QAM	1	24	18.38	18.25	18.40				
5	256QAM	12	0	18.49	18.31	18.45				
5	256QAM	12	7	18.49	18.46	18.32				
5	256QAM	12	13	18.48	18.35	18.40				
5	256QAM	25	0	18.44	18.30	18.36				
14	QPSK	1	0	21.15	20.98	21.49	24.5	0		
14	QPSK	1	1	21.38	21.38	21.42				
14	QPSK	3	3	21.22	20.94	21.35				
14	QPSK	3	3	21.41	21.45	21.29				
14	QPSK	3	3	21.43	21.43	21.47				
14	QPSK	1	0	19.33	19.40	19.41				
14	QPSK	1	1	19.36	19.50	19.40				
14	QPSK	1	3	18.44	18.56	18.60				
14	QPSK	1	3	18.48	18.38	18.42				
14	QPSK	3	3	18.44	18.42	18.33				
14	QPSK	3	3	18.32	18.21	18.50				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	18.42				
14	QPSK	3	3	18.32	18.21	1				

LTE Band 12 Ant1														
SRV ID	Modulation	RB Size	RB Offset	Power Line Ch. 1	Power Main Ch. 1	Power Pilot Ch. 1	Time-up Time (min)	MFR (dB)						
Channel														
Frequency (MHz)														
704 707.5 711														
10	QPSK	1	0	24.05	24.10	24.01	25	0						
10	QPSK	1	25	23.84	24.05	23.86								
10	QPSK	1	49	23.84	23.90	23.83								
10	QPSK	25	0	23.12	23.18	23.14								
10	QPSK	25	12	22.97	23.01	23.02								
10	QPSK	25	35	23.05	23.08	23.06	24	1						
10	QPSK	50	0	22.96	23.13	23.03								
10	16QAM	1	0	24.14	24.31	24.11								
10	16QAM	1	25	23.31	23.27	23.30								
10	16QAM	1	49	23.13	23.21	23.43								
10	16QAM	25	0	21.84	22.03	22.05	23	2						
10	16QAM	25	12	22.00	21.96	21.87								
10	16QAM	25	35	22.14	21.90	22.12								
10	16QAM	50	0	22.06	22.15	21.94								
10	16QAM	1	0	22.27	22.24	22.38								
10	16QAM	1	25	22.10	22.08	22.15	23	2						
10	16QAM	1	49	22.05	22.30	22.23								
10	16QAM	25	0	21.18	21.08	21.08								
10	16QAM	25	12	21.05	20.88	21.11								
10	16QAM	25	35	20.93	21.14	20.98								
10	16QAM	50	0	20.97	21.18	21.14	22	3						
10	256QAM	1	0	19.01	19.13	19.17								
10	256QAM	1	25	19.13	19.11	19.04								
10	256QAM	1	49	19.23	19.14	19.30								
10	256QAM	25	0	19.17	19.09	19.12								
10	256QAM	25	12	19.07	19.01	19.06	20	5						
10	256QAM	25	35	19.06	19.26	19.09								
10	256QAM	50	0	19.14	19.22	19.06								
Channel														
Frequency (MHz)														
701.5 707.5 713.5														
5	QPSK	1	0	23.98	23.94	23.97	25	0						
5	QPSK	1	12	23.72	23.81	23.76								
5	QPSK	1	24	23.78	23.79	23.72								
5	QPSK	12	0	22.95	23.10	22.98								
5	QPSK	12	7	22.77	22.81	22.85								
5	QPSK	12	13	22.85	22.90	22.79	24	1						
5	QPSK	25	0	22.77	23.08	22.83								
5	16QAM	1	0	23.02	23.15	23.07								
5	16QAM	1	12	22.26	22.37	22.19								
5	16QAM	1	24	22.97	23.15	23.38								
5	16QAM	12	0	21.79	21.86	21.92	23	2						
5	16QAM	12	7	21.63	21.67	21.63								
5	16QAM	12	13	21.97	21.86	21.97								
5	16QAM	25	0	21.87	22.10	21.97								
5	16QAM	25	0	21.87	22.10	21.89								
5	16QAM	1	0	20.11	20.10	20.10	23	2						
5	16QAM	1	12	20.12	20.08	20.02								
5	16QAM	1	24	20.15	20.23	20.18								
5	16QAM	12	0	21.05	20.88	20.94								
5	16QAM	12	7	21.00	20.93	20.96								
5	16QAM	12	13	20.85	20.86	20.90	22	3						
5	16QAM	25	0	20.83	21.08	20.85								
5	256QAM	1	0	19.84	19.92	19.95								
5	256QAM	1	12	19.94	19.93	19.90								
5	256QAM	1	24	19.14	19.03	19.10								
5	256QAM	12	0	19.03	19.02	19.07	20	5						
5	256QAM	12	7	19.00	19.06	19.08								
5	256QAM	12	13	19.07	19.17	19.05								
5	256QAM	25	0	19.14	19.16	19.06								
Channel														
Frequency (MHz)														
700.5 707.5 714.5														
3	QPSK	1	0	23.99	23.90	23.85	25	0						
3	QPSK	1	8	23.85	23.94	23.79								
3	QPSK	1	14	23.77	23.72	23.75								
3	QPSK	8	0	23.02	23.04	22.95								
3	QPSK	8	4	22.82	22.89	22.91								
3	QPSK	8	7	22.88	22.98	22.79	24	1						
3	QPSK	15	0	22.82	22.94	22.75								
3	16QAM	1	0	23.05	23.23	23.02								
3	16QAM	1	8	23.23	23.22	23.04								
3	16QAM	1	14	23.09	23.11	23.30								
3	16QAM	8	0	21.83	21.90	21.91	23	2						
3	16QAM	8	4	22.03	21.90	21.97								
3	16QAM	8	7	22.09	21.94	21.96								
3	16QAM	15	0	21.89	21.89	21.84								
3	16QAM	1	0	20.23	20.18	20.19								
3	16QAM	1	8	20.13	21.08	20.09	23	2						
3	16QAM	1	14	22.10	22.16	22.10								
3	16QAM	8	0	21.03	20.94	20.89								
3	16QAM	8	4	20.88	20.83	21.07								
3	16QAM	15	0	20.85	21.13	21.02								
3	16QAM	1	0	19.84	19.86	19.81	20	5						
3	16QAM	1	8	19.84	19.05	19.11								
3	256QAM	1	14	19.03	19.03	19.13								
3	256QAM	8	0	19.07	19.04	19.04								
3	256QAM	8	4	19.05	19.06	19.01								
3	256QAM	8	7	19.05	19.20	19.04	20	5						
3	256QAM	15	0	19.17	19.07	19.07								
Channel														
Frequency (MHz)														
800.7 707.5 713.5														
1.4	QPSK	1	0	24.00	24.06	24.04	25	0						
1.4	QPSK	1	3	23.86	23.97	23.73								
1.4	QPSK	1	5	23.71	23.81	23.67								
1.4	QPSK	3	0	23.87	23.97	23.83								
1.4	QPSK	3	1	23.70	23.89	23.83								
1.4	QPSK	3	3	23.70	23.83	23.75	24	1						
1.4	QPSK	6	0	22.91	22.97	22.86								
1.4	16QAM	1	0	22.84	22.78	22.78								
1.4	16QAM	3	0	22.93	22.97	22.93								
1.4	16QAM	1	8	22.75	22.83	22.63								
1.4	16QAM	3	0	22.98	23.18	22.91	24	1						
1.4	16QAM	3	1	23.18	23.10	22.94								
1.4	16QAM	3	3	22.97	22.94	23.17								
1.4	16QAM	6	0	21.76	21.84	21.73								
1.4	16QAM	1	0	21.99	21.72	21.59								
1.4	16QAM	1	3	22.02	21.83	21.86	23	2						
1.4	16QAM	1	5	21.82	21.91	21.79								
1.4	16QAM	3	0	22.13	22.10	22.09								
1.4	16QAM	3	1	22.02	21.80	21.86								
1.4	16QAM	3	3	21.94	22.12	21.98								
1.4	16QAM	6	0	20.87	20.77	20.72								
1.4	16QAM	1	0	20.90	20.94	20.99	22	3						
1.4	256QAM	1	0	19.04	19.22	19.18								
1.4	256QAM	1	3	19.16	19.03	19.07								
1.4	256QAM	1	5	19.09	19.03	18.84								
1.4	256QAM	3	0	19.03	19.06	19.03								
1.4	256QAM	3	1	19.06	19.07	18.90	20	5						
1.4	256QAM	3	3	19.02	19.07	18.85								

LTE Band 26 Ant1										
SV (MHz)	Modulate	RB Size	RB Offset	Power Low Ch /	Power Mid Ch /	Power High Ch /	Time-Int (min)	MFR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.83	23.95	23.82	25	0		
15	QPSK	1	37	23.75	23.81	23.87	25	0		
15	QPSK	1	74	23.88	23.90	23.87	24	1		
15	QPSK	36	0	22.82	22.85	22.79	24	1		
15	QPSK	36	24	22.74	22.85	22.75	24	1		
15	QPSK	36	36	22.84	22.85	22.79	24	1		
15	QPSK	75	0	22.76	22.80	22.88	24	1		
15	16QAM	1	0	22.72	22.99	23.08	24	1		
15	16QAM	1	37	23.03	22.87	22.92	24	1		
15	16QAM	1	74	23.77	23.03	22.91	23	2		
15	16QAM	36	0	21.93	21.89	21.73	23	2		
15	16QAM	36	24	21.83	21.88	21.82	23	2		
15	16QAM	36	36	21.76	21.93	22.04	23	2		
15	16QAM	75	0	21.73	21.74	22.04	23	2		
15	8QAM	1	0	22.27	22.22	22.24	23	2		
15	8QAM	1	37	22.11	22.19	22.20	23	2		
15	8QAM	1	74	22.15	22.06	22.21	23	2		
15	8QAM	36	0	20.84	20.91	20.87	22	3		
15	8QAM	36	24	20.97	20.79	20.80	22	3		
15	8QAM	36	36	21.30	20.79	20.30	22	3		
15	256QAM	1	37	18.97	18.16	18.18	20	5		
15	256QAM	1	74	18.94	18.08	18.17	20	5		
15	256QAM	36	0	18.83	18.83	18.85	20	5		
15	256QAM	36	24	18.46	18.79	18.80	20	5		
15	256QAM	36	36	18.86	18.34	18.82	20	5		
15	256QAM	75	0	18.49	18.79	18.75	20	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.88	23.86	23.85	25	0		
10	QPSK	1	26	23.57	23.87	23.88	25	0		
10	QPSK	1	49	23.57	23.84	23.73	24	1		
10	QPSK	25	0	22.71	22.87	22.88	24	1		
10	QPSK	25	12	22.84	22.84	22.85	24	1		
10	QPSK	25	24	22.71	22.85	22.83	24	1		
10	QPSK	50	0	22.84	22.90	22.83	24	1		
10	16QAM	1	0	22.83	22.92	22.99	24	1		
10	16QAM	1	26	22.90	22.79	22.83	24	1		
10	16QAM	25	0	21.84	21.77	21.83	23	2		
10	16QAM	25	12	21.75	21.84	21.84	23	2		
10	16QAM	25	25	21.82	21.78	21.87	23	2		
10	16QAM	50	0	21.87	21.82	21.85	23	2		
10	8QAM	1	0	22.16	22.07	22.07	23	2		
10	8QAM	1	26	21.97	22.10	22.12	23	2		
10	8QAM	1	49	21.98	22.03	22.11	23	2		
10	8QAM	25	0	20.71	20.81	20.71	22	3		
10	8QAM	25	12	20.98	20.85	20.98	22	3		
10	8QAM	25	25	20.91	20.82	20.80	22	3		
10	8QAM	50	0	20.83	20.78	20.85	20	5		
10	256QAM	1	26	18.98	18.34	18.84	20	5		
10	256QAM	1	26	18.85	18.04	18.05	20	5		
10	256QAM	1	49	18.80	18.00	18.00	20	5		
10	256QAM	25	0	18.96	18.36	18.86	20	5		
10	256QAM	25	12	18.35	18.88	18.30	20	5		
10	256QAM	25	25	18.55	18.37	18.45	20	5		
10	256QAM	50	0	18.37	18.71	18.81	20	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.72	23.87	23.84	25	0		
5	QPSK	1	12	23.58	23.85	23.81	25	0		
5	QPSK	1	24	23.51	23.70	23.77	24	1		
5	QPSK	12	0	22.75	22.86	22.88	24	1		
5	QPSK	12	7	22.76	22.87	22.81	24	1		
5	QPSK	13	27	22.78	22.88	22.80	24	1		
5	QPSK	25	0	22.81	22.90	22.74	24	1		
5	8QAM	1	0	22.83	22.81	22.80	24	1		
5	16QAM	1	12	22.81	22.78	22.84	24	1		
5	16QAM	1	24	21.72	22.90	22.76	23	2		
5	16QAM	12	0	21.78	21.70	21.67	23	2		
5	16QAM	12	7	21.74	21.70	21.65	23	2		
5	16QAM	12	13	21.72	21.87	21.90	23	2		
5	8QAM	1	0	22.20	22.05	22.12	23	2		
5	8QAM	1	12	22.04	22.06	22.09	23	2		
5	8QAM	1	24	22.09	22.04	22.01	23	2		
5	8QAM	12	0	20.77	20.76	20.87	22	3		
5	8QAM	12	7	21.01	20.90	20.88	22	3		
5	8QAM	12	13	20.86	20.92	20.79	22	3		
5	8QAM	25	0	20.87	20.87	20.92	20	5		
5	256QAM	1	10	18.90	18.05	18.08	20	5		
5	256QAM	1	12	18.79	18.02	18.11	20	5		
5	256QAM	1	24	18.88	18.88	18.09	20	5		
5	256QAM	12	0	18.99	18.47	18.41	20	5		
5	256QAM	12	7	18.34	18.71	18.41	20	5		
5	256QAM	12	13	18.42	18.37	18.48	20	5		
5	256QAM	25	0	18.43	18.74	18.55	20	5		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.73	23.83	23.69	25	0		
3	QPSK	1	8	23.68	23.80	23.55	25	0		
3	QPSK	1	14	23.33	23.84	23.79	24	1		
3	QPSK	8	0	22.86	22.95	22.81	24	1		
3	QPSK	8	4	22.89	22.81	22.77	24	1		
3	QPSK	8	7	22.77	22.85	22.75	24	1		
3	QPSK	16	0	22.80	22.86	22.83	24	1		
3	16QAM	1	8	22.83	22.71	22.84	24	1		
3	16QAM	1	14	21.98	22.99	22.74	23	2		
3	16QAM	8	0	21.87	21.83	21.85	23	2		
3	16QAM	8	4	21.74	21.74	21.64	23	2		
3	16QAM	8	7	21.80	21.78	21.87	23	2		
3	16QAM	15	0	21.82	21.85	21.82	23	2		
3	8QAM	1	0	22.19	22.13	22.19	23	2		
3	8QAM	1	8	22.04	22.10	22.15	23	2		
3	8QAM	1	14	22.04	21.98	22.09	23	2		
3	8QAM	8	0	20.71	20.75	20.72	22	3		
3	8QAM	8	4	20.93	20.88	20.89	22	3		
3	8QAM	8	7	20.83	20.88	20.75	22	3		
3	8QAM	15	0	20.87	20.82	20.84	20	5		
3	256QAM	1	10	18.99	18.01	18.05	20	5		
3	256QAM	1	8	18.87	18.04	18.00	20	5		
3	256QAM	1	14	18.87	18.81	18.99	20	5		
3	256QAM	8	0	18.46	18.47	18.00	20	5		
3	256QAM	8	4	18.40	18.85	18.31	20	5		
3	256QAM	8	7	18.93	18.40	18.34	20	5		
3	256QAM	15	0	18.31	18.72	18.58	20	5		

LTE Band 66 Ant1												
SV (MHz)	Modulate	RB Size	RB Offset	Power Low 150002	Power Mid 150322	Power High 150572	Time-Int (min)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.30	23.35	23.21	24.5	0				
20	QPSK	1	48	23.02	23.19	23.03						
20	QPSK	50	0	23.38	23.29	23.22						
20	QPSK	50	24	23.24	23.38	23.11						
20	QPSK	50	24	22.18	22.37	22.10						
20	QPSK	50	50	23.30	23.22	23.25	23.5	1				
20	QPSK	50	24	22.28	22.40	22.18						
20	QPSK	1	0	23.33	23.48	23.29						
20	16QAM	1	48	23.01	23.00	23.04						
20	16QAM	50	0	23.42	23.35	23.33						
20	16QAM	50	0	21.40	21.35	21.15	22.5	2				
20	16QAM	50	24	21.30	21.33	21.18						
20	16QAM	100	0	21.38	21.34	21.42						
20	16QAM	100	24	21.27	21.18	21.20						
20	16QAM	1	48	21.35	21.43	21.14						
20	16QAM	1	0	23.30	23.31	23.44	22.5	1				
20	16QAM	1	48	23.05	23.04	23.14						
20	16QAM	50	0	23.30	23.29	23.24						
20	16QAM	50	24	22.28	22.44	22.39						
20	16QAM	50	0	20.48	20.47	20.39						
20	25QAM	1	0	18.51	18.50	18.50	21.5	1				
20	25QAM	1	48	18.49	18.47	18.50						
20	25QAM	50	0	18.53	18.52	18.44						
20	25QAM	50	0	18.26	18.41	18.31						
20	25QAM	50	24	18.41	18.32	18.38						
20	25QAM	50	0	18.50	18.50	18.44	19.5	5				
20	25QAM	100	0	18.50	18.53	18.67						
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.20	23.19	23.13			24.5	0		
15	QPSK	1	37	22.97	23.05	22.88						
15	QPSK	1	74	23.01	23.21	22.99						
15	QPSK	36	0	22.35	22.29	22.40						
15	QPSK	36	20	22.08	22.28	22.12						
15	QPSK	36	50	22.01	22.18	22.06	23.5	1				
15	QPSK	36	0	22.34	22.17	22.17						
15	16QAM	1	0	23.35	23.32	23.21						
15	16QAM	1	37	23.02	23.49	23.49						
15	16QAM	1	74	23.05	23.24	23.11						
15	16QAM	36	0	21.30	21.44	21.49	22.5	2				
15	16QAM	36	20	21.18	21.24	21.05						
15	16QAM	36	50	21.19	21.03	21.05						
15	16QAM	75	0	21.16	21.03	21.15						
15	16QAM	1	0	21.11	21.18	21.28						
15	16QAM	1	37	21.18	21.32	21.29	22.5	2				
15	16QAM	1	74	21.05	21.24	21.11						
15	16QAM	36	0	20.19	20.26	20.07						
15	16QAM	36	20	20.28	20.27	20.23						
15	16QAM	36	50	20.28	20.27	20.23						
15	16QAM	75	0	20.34	19.99	20.23	21.5	3				
15	25QAM	1	0	18.33	18.39	18.31						
15	25QAM	1	37	18.32	18.49	18.44						
15	25QAM	1	74	18.42	18.38	18.28						
15	25QAM	36	0	18.12	18.31	18.18						
15	25QAM	36	20	18.34	18.27	18.23	19.5	5				
15	25QAM	36	50	18.47	18.33	18.22						
15	25QAM	75	0	18.30	18.28	18.29						
Channel												
Frequency (MHz)												
10	QPSK	1	0	23.10	23.31	23.08	24.5	0				
10	QPSK	1	25	22.81	23.00	23.08						
10	QPSK	1	50	23.00	23.17	23.05						
10	QPSK	25	0	22.22	22.25	22.22						
10	QPSK	25	12	22.11	22.28	22.09						
10	QPSK	25	38	22.09	22.21	22.01	23.5	1				
10	QPSK	25	0	22.27	22.20	22.16						
10	16QAM	1	0	22.47	22.37	22.37						
10	16QAM	1	25	22.44	22.49	22.35						
10	16QAM	25	0	21.20	21.20	21.11						
10	16QAM	25	12	22.17	21.19	21.11	22.5	2				
10	16QAM	25	38	21.03	21.23	21.06						
10	16QAM	50	0	21.17	21.03	21.01						
10	16QAM	1	0	21.26	21.21	21.41						
10	16QAM	1	26	21.30	21.29	21.03						
10	16QAM	1	50	21.42	21.20	21.06	21.5	3				
10	16QAM	25	0	20.20	20.13	20.13						
10	16QAM	25	12	20.29	20.20	20.23						
10	16QAM	25	38	20.28	20.13	20.24						
10	16QAM	50	0	20.36	20.11	20.22						
10	25QAM	1	0	18.46	18.37	18.43	19.5	5				
10	25QAM	1	26	18.42	18.33	18.22						
10	25QAM	25	0	18.38	18.36	18.25						
10	25QAM	25	12	18.22	18.23	18.26						
10	25QAM	25	38	18.39	18.24	18.22						
10	25QAM	50	0	18.56	18.23	18.44	19.5	5				
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.31	23.23	23.07			24.5	0		
5	QPSK	1	12	22.85	23.14	22.93						
5	QPSK	1	24	23.02	23.21	23.02						
5	QPSK	12	0	22.27	22.33	21.93						
5	QPSK	12	7	22.02	22.29	21.99						
5	QPSK	12	14	22.01	22.21	21.92	23.5	1				
5	QPSK	25	0	22.34	22.17	22.18						
5	16QAM	1	0	22.47	22.25	22.19						
5	16QAM	1	12	22.30	22.47	22.42						
5	16QAM	1	24	22.42	22.21	22.10						
5	16QAM	12	0	21.26	21.13	21.06	22.5	2				
5	16QAM	12	7	21.24	21.18	21.09						
5	16QAM	12	14	21.08	21.18	21.09						
5	16QAM	25	0	21.16	21.08	21.00						
5	16QAM	1	0	21.13	21.14	21.97						
5	16QAM	1	12	21.13	21.16	21.97	22.5	2				
5	16QAM	1	24	21.13	21.29	21.09						
5	16QAM	12	0	20.23	20.16	20.13						
5	16QAM	12	7	20.29	20.30	20.24						
5	16QAM	13	0	20.42	20.15	20.32						
5	16QAM	25	0	20.40	19.98	20.22	21.5	3				
5	16QAM	25	1	19.40	19.34	19.44						
5	25QAM	1	0	18.42	18.26	18.42						
5	25QAM	1	24	18.41	18.41	18.31						
5	25QAM	12	0	18.12	18.28	18.24						
5	25QAM	1	1	18.36	18.16	18.36	19.5	5				
5	25QAM	12	13	18.51	18.36	18.18						
5	25QAM	25	0	18.39	18.17	18.37						
1.4	QPSK	1	0	20.06	20.88	21.02			22.5	2		
1.4	QPSK	1	1	21.09	21.05	21.23						
1.4	QPSK	1	2	21.02	21.25	21.07						
1.4	QPSK	3	0	21.05	21.23	21.00						
1.4	QPSK	3	1	21.05	21.23	21.00						
1.4	25QAM	1	0	18.35	18.36	18.31	21.5	3				
1.4	25QAM	1	3	18.38	18.60	18.50						
1.4	25QAM	1	6	18.34	18.43	18.39						
1.4	25QAM	3	0	18.11	18.35	18.20						
1.4	25QAM	3	1	18.37	18.25	18.27						
1.4	25QAM	3	3	18.42	18.36	18.27	19.5	5				
1.4	25QAM	3	6	18.48	18.31	18.31						

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	20.5	3	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71			
20	64QAM	1	49	20.58	20.61	20.82	20.5	3	
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55			
20	64QAM	50	24	19.56	19.73	19.58	18.5	5	
20	64QAM	50	50	19.54	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.58			
20	256QAM	1	0	17.62	17.67	17.76	18.5	5	
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74			
20	256QAM	50	0	17.66	17.51	17.53	18.5	5	
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59			
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.82	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	20.5	3	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	18.5	5	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	20.5	3	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	18.5	5	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)		
Channel				37800	38000	38150				
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.99	23.15	23.12	24	0		
20	QPSK	1	49	22.97	23.09	22.88				
20	QPSK	1	99	22.97	23.06	22.89				
20	QPSK	50	0	22.25	22.29	22.09				
20	QPSK	50	24	21.97	22.22	22.08				
20	QPSK	50	50	22.18	22.24	22.13	23	1		
20	QPSK	100	0	22.10	22.27	21.98				
20	16QAM	1	0	21.98	22.04	22.12				
20	16QAM	1	49	22.07	21.97	21.89				
20	16QAM	1	99	22.09	22.02	22.00				
20	16QAM	50	0	21.36	21.26	21.33	22	2		
20	16QAM	50	24	21.14	21.16	21.35				
20	16QAM	50	50	21.40	21.19	21.26				
20	16QAM	100	0	21.11	21.28	21.31				
20	64QAM	1	0	21.24	21.21	21.37				
20	64QAM	1	49	21.36	21.08	21.22	22	2		
20	64QAM	1	99	21.37	21.03	21.06				
20	64QAM	50	0	20.16	20.26	20.40				
20	64QAM	50	24	20.17	20.23	20.30				
20	64QAM	50	50	20.32	20.19	20.40				
20	64QAM	100	0	20.12	20.31	20.28	21	3		
20	256QAM	1	0	18.22	18.13	18.08				
20	256QAM	1	49	18.10	17.96	18.28				
20	256QAM	1	99	18.11	18.20	18.22				
20	256QAM	50	0	18.05	18.19	18.32				
20	256QAM	50	24	18.21	18.20	18.22	19	5		
20	256QAM	50	50	18.04	18.15	18.05				
20	256QAM	100	0	18.20	18.19	18.21				
Channel				37825	38000	38175				
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)		MPR (dB)	
15	QPSK	1	0	22.85	22.95	22.97	24	0		
15	QPSK	1	37	22.92	22.92	22.82				
15	QPSK	1	74	22.89	22.92	22.70				
15	QPSK	36	0	22.20	22.17	21.93				
15	QPSK	36	20	21.79	22.15	21.99				
15	QPSK	36	39	22.00	22.16	22.04	23	1		
15	QPSK	75	0	21.96	22.11	21.83				
15	16QAM	1	0	21.81	21.87	22.01				
15	16QAM	1	37	21.91	21.92	21.76				
15	16QAM	1	74	21.97	21.89	21.82				
15	16QAM	36	0	21.31	21.12	21.19	22	2		
15	16QAM	36	20	20.96	21.10	21.28				
15	16QAM	36	39	21.36	21.01	21.18				
15	16QAM	75	0	20.95	21.13	21.22				
15	64QAM	1	0	21.11	21.05	21.24				
15	64QAM	1	37	21.28	20.96	21.05	22	2		
15	64QAM	1	74	21.23	20.94	20.87				
15	64QAM	36	0	20.02	20.19	20.23				
15	64QAM	36	20	20.09	20.18	20.24				
15	64QAM	36	39	20.25	20.13	20.31				
15	64QAM	75	0	19.97	20.20	20.10	21	3		
15	256QAM	1	0	18.09	18.06	17.96				
15	256QAM	1	37	18.04	17.77	18.17				
15	256QAM	1	74	17.92	18.11	18.18				
15	256QAM	36	0	17.94	18.11	18.22				
15	256QAM	36	20	18.13	18.04	18.13	19	5		
15	256QAM	36	39	17.91	18.05	17.93				
15	256QAM	75	0	18.07	18.12	18.14				
Channel				37800	38000	38200				
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)		MPR (dB)	
10	QPSK	1	0	22.84	23.10	23.03	24	0		
10	QPSK	1	25	22.85	23.00	22.70				
10	QPSK	1	49	22.81	22.99	22.74				
10	QPSK	25	0	22.14	22.14	21.97				
10	QPSK	25	12	21.92	22.03	21.92				
10	QPSK	25	25	22.08	22.14	22.02	23	1		
10	QPSK	50	0	21.96	22.22	21.84				
10	16QAM	1	0	21.86	21.96	21.94				
10	16QAM	1	25	22.00	21.88	21.70				
10	16QAM	1	49	21.89	21.94	21.86				
10	16QAM	25	0	21.25	21.19	21.24	22	2		
10	16QAM	25	12	21.08	20.97	21.21				
10	16QAM	25	25	21.35	21.07	21.14				
10	16QAM	50	0	21.05	21.20	21.26				
10	64QAM	1	0	21.04	21.06	21.31				
10	64QAM	1	25	21.29	20.90	21.10	22	2		
10	64QAM	1	49	21.19	20.90	20.91				
10	64QAM	25	0	20.06	20.18	20.23				
10	64QAM	25	12	20.05	20.18	20.11				
10	64QAM	25	25	20.15	20.11	20.20				
10	64QAM	50	0	19.92	20.12	20.19	21	3		
10	256QAM	1	0	18.14	18.02	17.92				
10	256QAM	1	25	18.06	17.83	18.14				
10	256QAM	1	49	18.02	18.08	18.06				
10	256QAM	25	0	17.85	18.10	18.13				
10	256QAM	25	12	18.17	18.14	18.11	19	5		
10	256QAM	25	25	18.00	18.02	17.90				
10	256QAM	50	0	18.13	18.05	18.15				
Channel				37775	38000	38225				
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)		MPR (dB)	
5	QPSK	1	0	22.85	23.09	23.05	24	0		
5	QPSK	1	12	22.90	23.01	22.75				
5	QPSK	1	24	22.90	22.87	22.80				
5	QPSK	12	0	22.11	22.23	22.02				
5	QPSK	12	7	21.89	22.09	21.90				
5	QPSK	12	13	22.08	22.12	21.84	23	1		
5	QPSK	25	0	21.90	22.11	21.86				
5	16QAM	1	0	21.90	21.89	21.94	23	1		
5	16QAM	1	12	21.94	21.83	21.71				
5	16QAM	1	24	21.93	21.86	21.80				
5	16QAM	12	0	21.19	21.09	21.22				
5	16QAM	12	7	21.09	21.04	21.15				
5	16QAM	12	13	21.32	21.07	21.22	22	2		
5	16QAM	25	0	21.01	21.20	21.24				
5	64QAM	1	0	21.07	21.05	21.25				
5	64QAM	1	12	21.22	20.88	21.17				
5	64QAM	1	24	21.27	20.93	20.99				
5	64QAM	12	0	20.51	20.16	20.31	21	3		
5	64QAM	12	7	20.13	20.17	20.12				
5	64QAM	12	13	20.13	19.99	20.36				
5	64QAM	25	0	20.07	20.14	20.12				
5	256QAM	1	0	18.15	17.95	18.01				
5	256QAM	1	12	17.92	17.81	18.22	19	5		
5	256QAM	1	24	18.02	18.04	18.05				
5	256QAM	12	0	17.89	18.05	18.28				
5	256QAM	12	7	18.11	18.14	18.12				
5	256QAM	12	13	17.99	18.05	17.88				

LTE Band 42 FCC (3.5GHz Band) (3550-3600MHz) Part 96														
BW (MHz)	Modulation	RB Size	RB Offset	Low Ch. Freq (MHz)	Channel Freq (MHz)	High Ch. Freq (MHz)	Turn-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.60	22.70	22.99	24	0						
20	QPSK	1	49	22.47	22.58	22.53								
20	QPSK	1	99	22.64	22.60	22.58	23	1						
20	QPSK	50	0	21.68	21.68	21.62								
20	QPSK	50	24	21.73	21.85	21.96	23	1						
20	QPSK	50	50	21.81	21.76	21.54								
20	QPSK	100	0	21.67	21.72	21.68	23	1						
20	16QAM	1	0	21.30	21.61	21.83								
20	16QAM	1	49	21.63	21.57	21.71	22	2						
20	16QAM	1	99	21.66	21.58	21.66								
20	16QAM	50	0	20.73	20.66	20.87	22	2						
20	16QAM	50	24	20.52	20.77	20.70								
20	16QAM	50	50	20.80	20.50	20.72	22	2						
20	16QAM	100	0	20.63	20.56	20.59								
20	64QAM	1	0	20.70	20.73	20.79	22	2						
20	64QAM	1	49	20.86	20.83	20.86								
20	64QAM	1	99	20.83	20.89	20.89	21	3						
20	64QAM	50	0	19.78	19.68	19.55								
20	64QAM	50	24	19.86	19.62	19.73	21	3						
20	64QAM	50	50	19.74	19.72	19.59								
20	64QAM	100	0	19.81	19.72	19.62	19	5						
20	256QAM	1	0	17.73	17.68	17.77								
20	256QAM	1	49	17.81	17.72	17.48	19	5						
20	256QAM	1	99	17.64	17.57	17.55								
20	256QAM	50	0	17.82	17.75	17.78	19	5						
20	256QAM	50	24	17.62	17.79	17.59								
20	256QAM	50	50	17.61	17.61	17.70	19	5						
20	256QAM	100	0	17.84	17.75	17.69								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.55	22.65	22.51	24	0						
15	QPSK	1	37	22.41	22.49	22.49								
15	QPSK	1	74	22.55	22.51	22.83	23	1						
15	QPSK	36	0	21.61	21.71	21.53								
15	QPSK	36	20	21.67	21.74	21.53	23	1						
15	QPSK	36	39	21.76	21.74	21.41								
15	QPSK	75	0	21.55	21.61	21.56	23	1						
15	16QAM	1	0	21.21	21.54	21.58								
15	16QAM	1	37	21.59	21.50	21.68	23	1						
15	16QAM	1	74	21.61	21.50	21.63								
15	16QAM	36	0	20.59	20.54	20.55	22	2						
15	16QAM	36	20	20.46	20.66	20.62								
15	16QAM	36	39	20.76	20.47	20.66	22	2						
15	16QAM	75	0	20.50	20.51	20.54								
15	64QAM	1	0	20.57	20.67	20.70	22	2						
15	64QAM	1	37	20.73	20.76	20.59								
15	64QAM	1	74	20.58	20.82	20.82	21	3						
15	64QAM	36	0	19.76	19.61	19.45								
15	64QAM	36	20	19.76	19.57	19.67	21	3						
15	64QAM	36	39	19.81	19.63	19.49								
15	64QAM	75	0	19.55	19.59	19.50	22	2						
15	256QAM	1	0	17.67	17.61	17.67								
15	256QAM	1	37	17.69	17.64	17.38	19	5						
15	256QAM	1	74	17.52	17.48	17.52								
15	256QAM	36	0	17.72	17.63	17.75	19	5						
15	256QAM	36	20	17.49	17.70	17.54								
15	256QAM	36	39	17.48	17.51	17.65	19	5						
15	256QAM	75	0	17.75	17.72	17.80								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.55	22.65	22.51	24	0						
10	QPSK	1	25	22.37	22.50	22.51								
10	QPSK	1	49	22.56	22.56	22.54	23	1						
10	QPSK	25	0	21.55	21.73	21.59								
10	QPSK	25	12	21.61	21.73	21.43	23	1						
10	QPSK	25	25	21.77	21.70	21.47								
10	QPSK	50	0	21.62	21.63	21.62	23	1						
10	16QAM	1	0	21.24	21.48	21.56								
10	16QAM	1	25	21.59	21.50	21.59	23	1						
10	16QAM	1	49	21.58	21.52	21.53								
10	16QAM	25	0	20.68	20.57	20.60	22	2						
10	16QAM	25	12	20.47	20.63	20.62								
10	16QAM	25	25	20.77	20.38	20.62	22	2						
10	16QAM	50	0	20.55	20.50	20.47								
10	64QAM	1	0	20.61	20.63	20.72	22	2						
10	64QAM	1	25	20.79	20.70	20.53								
10	64QAM	1	49	20.56	20.62	20.76	21	3						
10	64QAM	25	0	19.66	19.53	19.43								
10	64QAM	25	12	19.84	19.58	19.70	21	3						
10	64QAM	25	25	19.70	19.60	19.48								
10	64QAM	50	0	19.58	19.68	19.48	19	5						
10	256QAM	1	0	17.68	17.62	17.85								
10	256QAM	1	25	17.73	17.67	17.44	19	5						
10	256QAM	1	49	17.60	17.49	17.51								
10	256QAM	25	0	17.73	17.68	17.73	19	5						
10	256QAM	25	12	17.48	17.68	17.48								
10	256QAM	25	25	17.50	17.57	17.58	22	2						
10	256QAM	50	0	17.73	17.65	17.61								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.48	22.61	22.48	24	0						
5	QPSK	1	12	22.44	22.50	22.45								
5	QPSK	1	24	22.55	22.50	22.46	23	1						
5	QPSK	12	0	21.58	21.72	21.57								
5	QPSK	12	7	21.67	21.73	21.49	23	1						
5	QPSK	12	13	21.77	21.70	21.45								
5	16QAM	1	0	21.54	21.59	21.56	23	1						
5	16QAM	1	9	21.27	21.48	21.45								
5	16QAM	1	12	21.56	21.51	21.58	23	1						
5	16QAM	1	24	21.56	21.51	21.61								
5	16QAM	12	0	20.68	20.53	20.54	22	2						
5	16QAM	12	7	20.49	20.75	20.64								
5	16QAM	12	13	20.78	20.46	20.58	22	2						
5	16QAM	25	0	20.56	20.48	20.50								
5	16QAM	25	12	20.46	20.66	20.67	22	2						
5	64QAM	1	12	20.81	20.73	20.84								
5	64QAM	1	24	20.55	20.77	20.76	21	3						
5	64QAM	12	0	19.68	19.58	19.47								
5	64QAM	12	7	19.77	19.51	19.64	21	3						
5	64QAM	12	13	19.65	19.61	19.49								
5	64QAM	25	0	19.66	19.48	19.67	19	5						
5	64QAM	25	9	17.99	17.61	17.72								
5	256QAM	1	12	17.75	17.58	17.43	19	5						
5	256QAM	1	24	17.58	17.43	17.43								
5	256QAM	12	0	17.69	17.64	17.74	19	5						
5	256QAM	12	7	17.57	17.75	17.53								
5	256QAM	12	13	17.66	17.64	17.64	22	2						
5	256QAM	25	0	17.80	17.72	17.63								
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.40	22.50	22.40	24	0						
3	QPSK	1	12	22.32	22.40	22.32								
3	QPSK	1	24	22.45	22.40	22.36	23	1						
3	QPSK	12	0	21.50	21.60	21.50								
3	QPSK	12	7	21.60	21.65	21.45	23	1						
3	QPSK	12	13	21.70	21.65	21.40								
3	16QAM	1	0	21.45	21.50	21.45	23	1						
3	16QAM	1	9	21.15	21.30	21.30								
3	16QAM	1	12	21.45	21.40	21.40	23	1						
3	16QAM	1	24	21.45	21.40	21.45								
3	16QAM	12	0	20.55	20.45	20.55	22	2						
3	16QAM	12	7	20.35	20.65	20.55								
3	16QAM	12	13	20.65	20.45	20.55	22	2						
3	16QAM	25	0	20.45	20.55	20.55								
3	64QAM	1	12	20.80	20.70	20.84	21	3						
3	64QAM	1	24	20.50	20.77	20.76								
3	64QAM	12	0	19.65	19.58	19.47	21	3						
3	64QAM	12	7	19.75	19.51	19.64								
3	64QAM	12	13	19.65	19.61	19.49	21	3						
3	64QAM	25	0	19.65	19.48	19.67								
3	64QAM	25	9	17.99	17.61	17.72	19	5						
3	256QAM	1	12	17.75	17.58	17.43								
3	256QAM	1	24	17.58	17.43	17.43	19	5						
3	256QAM	12	0	17.69	17.64	17.74								
3	256QAM	12	7	17.57	17.75	17.53	22	2						
3	256QAM	12	13	17.66	17.64	17.64								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.30	22.40	22.30	24	0						
1.4	QPSK	1	12	22.22	22.30	22.22								
1.4	QPSK	1	24	22.35	22.30	22.26	23	1						
1.4	QPSK	12	0	21.40	21.50	21.40								
1.4	QPSK	12	7	21.50	21.55	21.35	23	1						
1.4	QPSK	12	13	21.60	21.55	21.30								
1.4	16QAM	1	0	21.35	21.40	21.35	23	1						
1.4	16QAM	1	9	21.05	21.20	21.20								
1.4	16QAM	1	12	21.35	21.30	21.30	23	1						
1.4	16QAM	1	24	21.35	21.30	21.35								
1.4	16QAM	12	0	20.45	20.35	20.45	22	2						
1.4	16QAM	12	7	20.25	20.55	20.45								
1.4	16QAM	12	13	20.55	20.35	20.45	22	2						
1.4	16QAM	25	0	20.35	20.45	20.4								

LTE Band 2 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Channel	Power Line Offset	Power High Channel	Power High Offset	Time-use (sec)	MPE (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.38	23.41	23.34	23.34	24.5	0	
20	QPSK	1	48	23.39	23.38	23.33	23.33			
20	QPSK	20	20	23.38	23.38	23.27	23.27			
20	QPSK	50	50	22.43	22.42	22.45	22.45	23.5	1	
20	QPSK	50	24	22.43	22.41	22.51	22.51			
20	QPSK	100	1	22.38	22.37	22.37	22.37			
20	16QAM	1	0	22.79	22.83	22.66	22.66	23.5	1	
20	16QAM	1	48	22.80	22.80	22.81	22.81			
20	16QAM	20	20	22.79	22.79	22.86	22.86			
20	16QAM	50	5	21.36	21.42	21.32	21.32	22.5	2	
20	16QAM	50	24	21.44	21.27	21.29	21.29			
20	16QAM	50	50	21.42	21.36	21.34	21.34			
20	16QAM	100	0	21.36	21.36	21.35	21.35	21.5	3	
20	8QAM	1	0	21.78	21.78	21.81	21.81			
20	8QAM	1	48	21.79	21.82	21.82	21.82			
20	8QAM	1	96	21.79	21.88	21.87	21.87	20.5	2	
20	8QAM	50	0	20.42	20.48	20.42	20.42			
20	8QAM	50	24	20.39	20.52	20.57	20.57			
20	256QAM	1	0	18.88	18.88	18.88	18.88	19.5	5	
20	256QAM	1	48	18.91	18.92	18.94	18.94			
20	256QAM	1	96	18.46	18.72	18.37	18.37			
20	256QAM	20	1	18.43	18.40	18.34	18.34	19.5	5	
20	256QAM	50	24	18.38	18.38	18.44	18.44			
20	256QAM	50	50	18.38	18.38	18.34	18.34			
20	256QAM	100	0	18.31	18.36	18.35	18.35			
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.31	23.32	23.27	23.27	24.5	0	
15	QPSK	1	48	23.31	23.31	23.29	23.29			
15	QPSK	1	74	23.31	23.18	23.09	23.09			
15	QPSK	36	0	22.23	22.49	22.29	22.29	23.5	1	
15	QPSK	36	20	22.28	22.10	22.08	22.08			
15	QPSK	75	0	22.36	22.44	22.24	22.24			
15	16QAM	1	37	22.78	22.73	22.69	22.69	23.5	1	
15	16QAM	1	74	22.82	22.79	22.84	22.84			
15	16QAM	20	0	21.26	21.24	21.13	21.13			
15	16QAM	36	20	21.25	21.15	21.26	21.26	22.5	2	
15	16QAM	36	37	21.37	21.39	21.12	21.12			
15	16QAM	75	0	21.41	21.49	21.49	21.49			
15	8QAM	1	37	21.47	21.68	21.61	21.61	22.5	2	
15	8QAM	1	74	21.70	21.49	21.82	21.82			
15	8QAM	1	96	21.55	21.58	21.58	21.58			
15	8QAM	36	20	20.26	20.36	20.42	20.42	21.5	3	
15	8QAM	36	37	20.34	20.22	20.27	20.27			
15	8QAM	75	0	20.28	20.47	20.45	20.45			
15	256QAM	1	0	18.38	18.46	18.38	18.38	19.5	5	
15	256QAM	1	37	18.46	18.45	18.34	18.34			
15	256QAM	1	84	18.38	18.38	18.34	18.34			
15	256QAM	36	0	18.32	18.36	18.25	18.25	19.5	5	
15	256QAM	36	20	18.14	18.38	18.33	18.33			
15	256QAM	36	37	18.26	18.17	18.48	18.48			
15	256QAM	75	0	18.20	18.30	18.40	18.40			
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.38	23.38	23.33	23.33	24.5	0	
10	QPSK	1	25	23.34	23.31	23.25	23.25			
10	QPSK	1	50	23.31	23.29	23.11	23.11			
10	QPSK	12	0	22.38	22.40	22.38	22.38	23.5	1	
10	QPSK	12	7	22.37	22.27	22.14	22.14			
10	QPSK	12	13	22.29	22.34	22.34	22.34			
10	16QAM	1	0	22.84	22.87	22.80	22.80	23.5	1	
10	16QAM	1	48	22.84	22.89	22.49	22.49			
10	16QAM	1	89	22.77	22.89	22.78	22.78			
10	16QAM	25	0	21.24	21.22	21.27	21.27	22.5	2	
10	16QAM	25	12	21.25	21.10	21.29	21.29			
10	16QAM	25	25	21.26	21.08	21.36	21.36			
10	16QAM	50	0	21.24	21.10	21.23	21.23	22.5	2	
10	8QAM	1	0	21.82	21.88	21.75	21.75			
10	8QAM	1	24	21.45	21.53	21.45	21.45			
10	8QAM	1	48	21.80	21.51	21.77	21.77	21.5	3	
10	8QAM	25	0	20.34	20.34	20.27	20.27			
10	8QAM	25	12	20.28	20.47	20.45	20.45			
10	256QAM	1	0	18.32	18.38	18.34	18.34	19.5	5	
10	256QAM	1	25	18.47	18.46	18.34	18.34			
10	256QAM	1	48	18.41	18.39	18.42	18.42			
10	256QAM	25	0	18.36	18.32	18.35	18.35	19.5	5	
10	256QAM	25	12	18.36	18.46	18.36	18.36			
10	256QAM	25	25	18.15	18.20	18.36	18.36			
10	256QAM	50	0	18.22	18.31	18.45	18.45			
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.38	23.38	23.33	23.33	24.5	0	
5	QPSK	1	12	23.38	23.33	23.15	23.15			
5	QPSK	1	24	23.27	23.29	23.11	23.11			
5	QPSK	12	0	22.38	22.42	22.38	22.38	23.5	1	
5	QPSK	12	7	22.37	22.27	22.14	22.14			
5	QPSK	12	13	22.29	22.34	22.34	22.34			
5	16QAM	1	0	22.83	22.78	22.80	22.80	23.5	1	
5	16QAM	1	14	22.83	22.75	22.77	22.77			
5	16QAM	1	28	22.83	22.82	22.77	22.77			
5	16QAM	12	0	21.27	21.29	21.16	21.16	22.5	2	
5	16QAM	12	7	21.32	21.17	21.29	21.29			
5	16QAM	12	13	21.24	21.45	21.18	21.18			
5	16QAM	25	0	21.25	21.53	21.27	21.27	22.5	2	
5	8QAM	1	0	21.82	21.82	21.82	21.82			
5	8QAM	1	12	21.46	21.88	21.85	21.85			
5	8QAM	1	24	21.89	21.58	21.85	21.85	21.5	3	
5	8QAM	12	0	20.38	20.31	20.31	20.31			
5	8QAM	12	7	20.30	20.35	20.41	20.41			
5	8QAM	12	13	20.22	20.18	20.28	20.28	19.5	5	
5	256QAM	1	0	18.34	18.36	18.34	18.34			
5	256QAM	1	24	18.35	18.34	18.47	18.47			
5	256QAM	12	0	18.37	18.24	18.30	18.30	19.5	5	
5	256QAM	12	7	18.38	18.31	18.31	18.31			
5	256QAM	12	13	18.19	18.19	18.49	18.49			
5	256QAM	25	0	18.19	18.36	18.46	18.46	19.5	5	
5	256QAM	25	7	18.17	18.24	18.36	18.36			
5	256QAM	25	13	18.12	18.24	18.46	18.46			
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.26	23.26	23.26	23.26	24.5	0	
1.4	QPSK	1	3	23.27	23.26	23.12	23.12			
1.4	QPSK	3	0	23.01	23.01	23.07	23.07			
1.4	QPSK	3	23.25	23.25	23.24	23.24	23.24	23.5	1	
1.4	QPSK	3	1	23.26	23.21	23.19	23.19			
1.4	QPSK	5	0	23.04	23.01	23.14	23.14			
1.4	QPSK	5	23.27	23.25	23.27	23.27	23.27	23.5	1	
1.4	16QAM	1	0	22.29	22.15	22.24	22.24			
1.4	16QAM	1	5	22.26	22.17	22.26	22.26			
1.4	16QAM	1	5	22.26	22.37	22.32	22.32	23.5	1	
1.4	16QAM	3	0	22.29	22.15	22.24	22.24			
1.4	16QAM	3	23.28	22.87	22.88	22.88				
1.4	16QAM	6	0	21.12	21.09	21.02	21.02	22.5	2	
1.4	16QAM	6	3	21.12	21.09	21.02	21.02			
1.4	16QAM	6	23.29	21.31	21.31	21.02	21.02			
1.4	8QAM	1	0	21.48	21.60	21.84	21.84	22.5	2	
1.4	8QAM	1	16	21.48	21.60	21.84	21.84			
1.4	8QAM	1	3	21.46	21.59	21.84	21.84			
1.4	8QAM	3	0	21.50	21.38	21.78	21.78	21.5	3	
1.4	8QAM	3	1	21.50	21.38	21.78	21.78			
1.4	256QAM	1	0	18.88	18.87	18.80	18.80			
1.4	256QAM	1	3	18.38	18.47	18.80	18.80	19.5	5	
1.4	256QAM	1	3	18.38	18.44	18.48	18.48			
1.4	256QAM	1	3	18.32	18.32	18.42	18.42			
1.4	256QAM	3	0	18.37	18.31	18.29	18.29	19.5	5	
1.4	256QAM	3	1	18.16	18.37	18.40	18.40			
1.4	256QAM	3	1	18.16	18.22	18.44	18.44			
1.4	256QAM	3	1	18.16	18.22	18.29	18.29	19.5	5	
1.4	256QAM	3	1	18.16	18.22	18.44	18.44			
1.4	256QAM	3	1	18.16	18.22	18.44	18.44			

[illegible]

LTE Band 13 Ant1									
RF B/W	Modulation	RB Size	RB Offset	Power Low Freq.	Power Mid Freq.	Power High Freq.	Turn-up time (dBm)	ISPT (dB)	ISPT (dB)
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.98	24.02	24.04			
10	QPSK	1	25	24.02			25	0	
10	QPSK	1	40	23.78					
10	QPSK	25	0	23.95	23.95	23.95			
10	QPSK	25	12	22.99			24	1	
10	QPSK	25	25	22.99					
10	QPSK	50	0	23.05					
10	TDMA	1	0	23.15					
10	TDMA	1	25	23.21			24	1	
10	TDMA	1	40	23.44					
10	TDMA	25	0	22.14					
10	TDMA	25	12	22.22			23	2	
10	TDMA	25	25	22.21					
10	TDMA	50	0	22.15					
10	EDGE	1	0	22.24					
10	EDGE	1	25	22.29			23	2	
10	EDGE	1	40	22.54					
10	EDGE	25	0	21.15					
10	EDGE	25	12	21.11			22	3	
10	EDGE	25	25	21.28					
10	EDGE	50	0	21.28					
10	EDGE	1	0	19.03					
10	EDGE	1	25	19.86			20	5	
10	EDGE	1	40	19.15					
10	EDGE	25	0	19.03					
10	EDGE	25	12	19.20			20	5	
10	EDGE	25	25	19.00					
10	EDGE	50	0	19.10					
Frequency (MHz)									
Channel				24205	24215	24225	Turn-up time (dBm)	ISPT (dB)	ISPT (dB)
TDD F									
5	QPSK	1	0	23.98	23.99	23.93			
5	QPSK	1	13	23.94	23.97	23.96			
5	QPSK	1	24	23.87	23.87	23.86	25	0	
5	QPSK	12	0	23.61	23.65	23.60			
5	QPSK	12	7	22.98	23.02	22.93			
5	QPSK	12	13	22.83	22.87	22.83	24	1	
5	QPSK	25	0	22.87	22.90	22.83			
5	TDMA	1	0	23.03	23.01	23.03			
5	TDMA	1	12	23.07	23.05	23.01	24	1	
5	TDMA	1	24	22.94	22.97	22.88			
5	TDMA	12	0	21.86	22.02	22.09			
5	TDMA	12	7	21.91	21.94	21.93			
5	TDMA	12	13	22.02	22.06	22.09	23	2	
5	TDMA	25	0	22.00	22.01	21.98			
5	EDGE	1	0	22.05	22.10	22.05			
5	EDGE	1	12	22.00	22.08	22.04	23	2	
5	EDGE	1	24	21.99	21.99	22.04			
5	EDGE	12	0	21.64	21.67	21.65			
5	EDGE	12	7	20.52	20.58	21.01			
5	EDGE	12	13	21.09	21.16	21.11	22	3	
5	EDGE	25	0	21.11	21.22	21.16			
5	EDGE	1	0	19.31	19.31	19.30			
5	EDGE	1	12	18.71	18.67	18.73	20	5	
5	EDGE	1	24	19.10	19.03	19.03			
5	EDGE	12	0	19.06	19.06	19.07			
5	EDGE	12	7	19.06	19.12	19.00	20	5	
5	EDGE	12	13	19.06	19.02	19.06			
5	EDGE	25	0	19.04	19.02	19.02			

LTE Band 14 Ant1									
SP (MHz)	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Turn-on time (μs)	Aggr. (dB)	
Channel									
10	QPSK	1	0	16.13	16.13	16.13			
10	QPSK	1	25	16.10	16.10	16.10		25	0
10	QPSK	25	0	15.87	15.87	15.87			
10	QPSK	25	12	15.84	15.84	15.84		24	1
10	QPSK	25	25	15.63	15.63	15.63			
10	QPSK	50	0	15.12	15.12	15.12			
10	16QAM	1	0	15.23	15.23	15.23			
10	16QAM	1	25	15.21	15.21	15.21		24	1
10	16QAM	25	0	14.98	14.98	14.98			
10	16QAM	25	12	14.95	14.95	14.95		23	2
10	16QAM	25	25	14.73	14.73	14.73			
10	16QAM	50	0	14.21	14.21	14.21			
10	16QAM	1	0	22.13	22.13	22.13		23	
10	16QAM	1	25	22.14	22.14	22.14			
10	16QAM	1	49	22.07	22.07	22.07			
10	16QAM	25	0	21.00	21.00	21.00			
10	16QAM	25	12	21.20	21.20	21.20		22	3
10	16QAM	25	25	21.22	21.22	21.22			
10	16QAM	50	0	21.02	21.02	21.02			
10	256QAM	1	0	19.25	19.25	19.25		20	5
10	256QAM	1	25	19.18	19.18	19.18			
10	256QAM	1	49	19.35	19.35	19.35			
10	256QAM	25	0	19.13	19.13	19.13			
10	256QAM	25	12	19.00	19.00	19.00		20	5
10	256QAM	25	25	19.25	19.25	19.25			
10	256QAM	50	0	19.46	19.46	19.46			
Frequency (MHz)									
Channel									
5	QPSK	1	0	14.00	14.00	14.00			
5	QPSK	1	12	14.05	14.05	14.05		25	0
5	QPSK	1	24	13.87	13.87	13.87			
5	QPSK	12	0	13.06	13.06	13.06			
5	QPSK	12	7	12.92	12.92	12.92		24	1
5	QPSK	12	13	12.91	12.91	12.91			
5	QPSK	25	0	12.92	12.92	12.92			
5	16QAM	1	0	22.13	22.06	22.11			
5	16QAM	1	12	22.07	22.10	22.04		24	1
5	16QAM	1	24	21.13	21.13	21.24			
5	16QAM	12	0	21.93	22.04	21.97			
5	16QAM	12	7	21.98	21.97	22.04		23	2
5	16QAM	12	13	22.17	22.05	22.16			
5	16QAM	25	0	22.14	22.01	22.08			
5	16QAM	1	0	22.01	21.94	22.00		22	2
5	16QAM	1	12	22.00	22.00	22.01			
5	16QAM	1	24	21.95	21.96	21.93		20	0
5	16QAM	12	0	21.94	21.91	21.90			
5	16QAM	12	7	21.10	21.14	21.13		22	3
5	16QAM	12	13	21.14	21.10	21.11			
5	16QAM	25	0	20.97	20.93	20.96			
5	256QAM	1	0	19.14	19.13	19.08		20	5
5	256QAM	1	12	19.02	19.08	19.05			
5	256QAM	1	24	19.21	19.30	19.20			
5	256QAM	12	0	19.03	19.07	18.94		20	5
5	256QAM	12	7	18.92	18.86	18.89			
5	256QAM	12	13	19.12	19.18	19.17			
5	256QAM	25	0	18.88	18.82	18.89			

LTE Band 25 Ant1													
PRN (MIMO)	Subcarrier	PRB Size	PRB Index	Power Level	Low Power Power Spectral Density	Medium Power Power Spectral Density	High Power Power Spectral Density	Time Slot	Antenna	Antenna Gain (dBi)			
Channel													
Frequency (MHz)													
25	QPSK	1	49	23.30	23.30	23.30	23.30	24.5	0				
25	QPSK	1	49	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	1				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	1				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK	50	24	23.30	23.30	23.30	23.30	23.5	2				
25	QPSK	50	24	23.30	23.30	23.30	23.30						
25	QPSK												

[illegible]

[illegible]

LTE Band 66 Ant1												
RF Bearer	Modulation	RB Size	RB Offset	Power Frequency (MHz)	Power Offset (dB)	Power Frequency (MHz)	Power Offset (dB)	Turn-on (dBm)	MFR (dB)			
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.92	23.92	23.92	23.92					
20	QPSK	1	49	23.92	23.92	23.92	23.92	24.5	0			
20	QPSK	50	0	22.54	22.54	22.54	22.54					
20	QPSK	50	24	22.54	22.54	22.54	22.54	23.5				
20	16QAM	1	0	22.54	22.54	22.54	22.54					
20	16QAM	1	49	22.54	22.54	22.54	22.54	23.5	1			
20	16QAM	50	0	22.54	22.54	22.54	22.54					
20	16QAM	50	24	22.54	22.54	22.54	22.54	23.5				
20	16QAM	100	0	22.54	22.54	22.54	22.54					
20	16QAM	100	50	21.16	21.16	21.16	21.16	22.5	2			
20	16QAM	100	0	21.16	21.16	21.16	21.16					
20	16QAM	1	49	21.16	21.16	21.16	21.16	22.5	2			
20	64QAM	1	99	21.16	21.16	21.16	21.16					
20	64QAM	1	50	21.16	21.16	21.16	21.16	23.5	0			
20	64QAM	50	0	20.51	20.51	20.51	20.51					
20	64QAM	50	24	20.51	20.51	20.51	20.51	23.5	0			
20	64QAM	100	0	20.51	20.51	20.51	20.51					
20	64QAM	100	50	18.82	18.82	18.82	18.82	22.5	2			
20	256QAM	1	99	18.82	18.82	18.82	18.82					
20	256QAM	1	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	50	0	18.82	18.82	18.82	18.82					
20	256QAM	50	24	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				
20	256QAM	100	0	18.82	18.82	18.82	18.82					
20	256QAM	100	50	18.82	18.82	18.82	18.82	19.5				

LTE Band 71 Ant1										
5G NR	Modulation	RB Size	RB Config	Power Spectral Density Ch. 0.1MHz	Power Spectral Density Ch. 0.3MHz	Power Spectral Density Ch. 1.4MHz	Turn-on time (ms)	MFR (ms)		
Channel 1 (MHz)										
20	QPSK	1	0	23.66	23.67	23.65				
20	QPSK	1	40	23.63	23.68	23.62			25	0
20	QPSK	1	80	23.62	23.69	23.63				
20	QPSK	50	0	22.05	22.21	22.07				
20	QPSK	50	24	22.06	22.20	22.08			24	1
20	QPSK	100	0	22.06	22.19	22.08				
20	16QAM	1	0	22.02	22.04	22.03				
20	16QAM	1	40	22.03	22.04	22.03			24	1
20	16QAM	1	80	22.02	22.06	22.15				
20	16QAM	50	0	21.92	21.92	21.91			23	2
20	16QAM	50	24	21.92	21.93	21.91				
20	16QAM	100	0	21.91	21.92	21.92				
20	16QAM	100	0	21.90	21.91	21.92				
20	64QAM	1	0	22.28	22.21	22.22			23	2
20	64QAM	1	40	22.28	22.21	22.22				
20	64QAM	1	80	22.28	22.26	22.18				
20	64QAM	50	0	20.93	20.76	20.78				
20	64QAM	50	24	20.93	20.76	20.78				
20	64QAM	100	0	20.93	20.72	20.79			22	3
20	64QAM	100	0	20.93	20.53	20.63				
20	256QAM	1	0	18.94	18.97	18.99				
20	256QAM	1	40	18.97	18.98	19.00			20	5
20	256QAM	1	80	18.98	19.00	18.94				
20	256QAM	50	0	18.97	18.98	18.99				
20	256QAM	50	24	18.98	18.99	18.98			20	5
20	256QAM	100	0	18.99	18.92	18.87				
Channel 2 (MHz)										
15	QPSK	1	0	13.5107	13.5097	13.5102	Turn-on time (ms)	MFR (ms)		
15	QPSK	1	0	6.615	6.6015	6.6015				
15	QPSK	1	40	23.30	23.63	23.48				
15	QPSK	1	80	23.30	23.66	23.44			25	0
15	QPSK	50	0	22.46	22.49	22.48				
15	QPSK	50	24	22.45	22.65	22.57				
15	QPSK	100	0	22.47	22.58	22.42			24	1
15	QPSK	100	0	22.47	22.68	22.43				
15	QPSK	100	0	22.52	22.68	22.51				
15	16QAM	1	0	23.08	22.99	23.02			24	1
15	16QAM	1	40	22.97	22.88	23.03				
15	16QAM	1	80	23.01	22.96	23.01				
15	16QAM	50	0	21.64	21.58	21.58			23	2
15	16QAM	50	24	21.62	21.86	21.56				
15	16QAM	100	0	21.62	21.86	21.56				
15	16QAM	100	0	21.61	21.86	21.55				
15	64QAM	1	0	21.87	21.83	21.79			23	2
15	64QAM	1	40	21.88	22.03	21.79				
15	64QAM	1	80	21.87	21.95	21.85				
15	64QAM	50	0	20.76	20.54	20.43			22	3
15	64QAM	50	24	20.76	20.74	20.73				
15	256QAM	1	0	18.86	18.86	18.86				
15	256QAM	1	40	18.86	18.86	18.86				
15	256QAM	1	80	18.86	18.86	18.85				
15	256QAM	50	0	18.86	18.86	18.86				
15	256QAM	50	24	18.87	18.87	18.79			20	5
15	256QAM	100	0	18.86	18.77	18.73				
Channel 3 (MHz)										
10	QPSK	1	0	66.60	66.53	66.51	Turn-on time (ms)	MFR (ms)		
10	QPSK	1	0	33.30	33.24	33.31				
10	QPSK	1	40	33.30	33.27	33.31			25	0
10	QPSK	1	80	33.30	33.28	33.31				
10	QPSK	25	0	32.94	32.99	32.98				
10	QPSK	25	24	32.93	32.98	32.98				
10	QPSK	50	0	32.96	32.98	32.91			24	1
10	QPSK	50	24	32.96	32.97	32.91				
10	16QAM	1	0	32.88	32.88	32.88				
10	16QAM	1	40	32.88	32.87	32.93			24	1
10	16QAM	1	80	32.88	32.91	32.93				
10	16QAM	25	0	32.88	32.91	32.82				
10	16QAM	25	24	32.82	32.81	32.82			23	2
10	64QAM	1	0	32.24	32.19	32.22				
10	64QAM	1	40	32.21	32.21	32.21			23	2
10	64QAM	1	80	32.21	32.19	32.20				
10	64QAM	25	0	30.38	30.35	30.38				
10	64QAM	25	24	30.38	30.35	30.38			22	3
10	64QAM	50	0	30.38	30.35	30.39				
10	64QAM	50	0	30.35	30.74	30.66				
10	256QAM	1	0	18.75	18.71	18.82				
10	256QAM	1	40	18.76	18.82	18.81				
10	256QAM	1	80	18.76	18.80	18.75				
10	256QAM	25	0	18.80	18.86	18.80				
10	256QAM	25	24	18.80	18.81	18.75				
10	256QAM	50	0	18.80	18.77	18.80				
10	256QAM	50	0	18.76	18.77	18.73			20	5
10	256QAM	100	0	18.75	18.74	18.79				
10	256QAM	100	0	18.75	18.74	18.79				
10	256QAM	100	0	18.75	18.72	18.80				
10	256QAM	100	0	18.75	18.73	18.79				

LTE Band 7 Ant2									
BW (MHz)	Modulation n	RB Size	RB Offset	Power Low Ch. / 20850	Power Middle Ch. / 21100	Power High Ch. / 21350	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2560			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	20.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71			
20	64QAM	1	49	20.58	20.61	20.82	21.5	2	
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55			
20	64QAM	50	24	19.56	19.73	19.58	20.5	3	
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56			
20	256QAM	1	0	17.62	17.67	17.76	18.5	5	
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74			
20	256QAM	50	0	17.66	17.51	17.53	18.5	5	
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59			
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58			
15	64QAM	1	37	20.42	20.53	20.66	21.5	2	
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42			
15	64QAM	36	20	19.41	19.61	19.40	20.5	3	
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40			
15	256QAM	1	0	17.45	17.51	17.72	18.5	5	
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63			
15	256QAM	36	0	17.49	17.34	17.39	18.5	5	
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49			
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.82	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	21.5	2	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	20.5	3	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	21.5	2	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	20.5	3	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.66	18.5	5	
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39	18.5	5	
5	256QAM	12	7	17.24	17.34	17.36			
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 2 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.33	23.46	23.41		24.5	0
20	QPSK	1	49	23.15	23.41	23.28			
20	QPSK	1	99	23.33	23.42	23.31			
20	QPSK	50	0	22.45	22.81	22.60			
20	QPSK	50	24	22.56	22.58	22.40		23.5	1
20	QPSK	50	50	22.83	22.55	22.54			
20	QPSK	100	0	22.56	22.57	22.50			
20	16QAM	1	0	22.97	23.01	22.73		23.5	1
20	16QAM	1	49	23.15	23.12	23.10			
20	16QAM	1	99	23.06	23.11	23.08			
20	16QAM	50	0	21.29	21.46	21.47		22.5	2
20	16QAM	50	24	21.55	21.40	21.35			
20	16QAM	50	50	21.43	21.44	21.42			
20	16QAM	100	0	21.33	21.29	21.52			
20	16QAM	1	0	21.32	21.44	21.38			
20	64QAM	1	49	21.52	21.48	21.49		22.5	2
20	64QAM	1	99	21.34	21.60	21.37			
20	64QAM	50	0	20.70	20.59	20.69			
20	64QAM	50	24	20.76	20.57	20.64		21.5	3
20	64QAM	50	50	20.59	20.65	20.59			
20	64QAM	100	0	20.75	20.53	20.75			

LTE Band 4 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel				20550	20175	20350			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.87	23.67	23.51		24.5	0
20	QPSK	1	49	23.43	23.65	23.39			
20	QPSK	1	99	23.36	23.51	23.39			
20	QPSK	50	0	22.68	22.87	22.69			
20	QPSK	50	24	22.81	22.76	22.82		23.5	1
20	QPSK	50	50	22.85	22.77	22.80			
20	QPSK	100	0	22.79	22.82	22.58			
20	16QAM	1	0	23.06	23.06	22.75		23.5	1
20	16QAM	1	49	22.90	22.88	22.91			
20	16QAM	1	99	22.91	23.11	22.90			
20	16QAM	50	0	21.93	21.90	22.03			
20	16QAM	50	24	21.76	21.85	22.07		22.5	2
20	16QAM	50	50	21.77	22.00	21.89			
20	16QAM	100	0	21.83	21.90	21.97			
20	64QAM	1	0	21.96	22.04	21.91			
20	64QAM	1	49	21.87	21.95	21.96		22.5	2
20	64QAM	1	99	21.91	21.91	21.87			
20	64QAM	50	0	20.95	20.89	21.04			
20	64QAM	50	24	21.04	20.85	20.82		21.5	3
20	64QAM	50	50	21.06	20.78	20.94			
20	64QAM	100	0	21.04	20.81	21.00			

LTE Band 25 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	23.41	23.56	23.35		24.5	0
20	QPSK	1	49	23.44	23.49	23.44			
20	QPSK	1	99	23.49	23.51	23.50			
20	QPSK	50	0	22.55	22.83	22.44			
20	QPSK	50	24	22.54	22.59	22.54		23.5	1
20	QPSK	50	50	22.37	22.61	22.37			
20	QPSK	100	0	22.59	22.61	22.53			
20	16QAM	1	0	22.84	22.86	22.58		23.5	1
20	16QAM	1	49	22.78	22.83	22.64			
20	16QAM	1	99	22.88	22.70	22.91			
20	16QAM	50	0	21.80	21.62	21.77			
20	16QAM	50	24	21.64	21.50	21.48		22.5	2
20	16QAM	50	50	21.54	21.71	21.61			
20	16QAM	100	0	21.78	21.71	21.60			
20	64QAM	1	0	21.88	21.82	21.76			
20	64QAM	1	49	21.85	21.92	21.87		22.5	2
20	64QAM	1	99	21.74	21.95	21.92			
20	64QAM	50	0	20.71	20.57	20.43			
20	64QAM	50	24	20.85	20.50	20.48		21.5	3
20	64QAM	50	50	20.49	20.40	20.63			
20	64QAM	100	0	20.99	20.42	20.73			

LTE Band 66 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.75	23.81	23.59		24.5	0
20	QPSK	1	49	23.68	23.77	23.73			
20	QPSK	1	99	23.81	23.76	23.68			
20	QPSK	50	0	22.50	22.76	22.51			
20	QPSK	50	24	22.54	22.75	22.47		23.5	1
20	QPSK	50	50	22.66	22.71	22.69			
20	QPSK	100	0	22.49	22.72	22.67			
20	16QAM	1	0	22.99	23.06	22.81		23.5	1
20	16QAM	1	49	23.14	23.14	23.14			
20	16QAM	1	99	23.00	23.17	23.13			
20	16QAM	50	0	21.82	21.79	21.73			
20	16QAM	50	24	21.72	21.95	21.96		22.5	2
20	16QAM	50	50	21.78	21.86	21.65			
20	16QAM	100	0	21.70	21.85	21.85			
20	64QAM	1	0	22.08	22.01	21.86			
20	64QAM	1	49	21.95	22.05	21.97		22.5	2
20	64QAM	1	99	22.03	22.18	21.94			
20	64QAM	50	0	20.90	20.81	20.84			
20	64QAM	50	24	20.95	20.90	20.64		21.5	3
20	64QAM	50	50	20.93	20.73	20.70			
20	64QAM	100	0	20.96	20.96	20.92			

20	250GAM	1	0	18.73	18.78	18.89	19.5	5
20	250GAM	1	49	18.76	18.77	18.89		
20	250GAM	1	99	18.74	18.74	18.89		
20	250GAM	50	0	18.58	18.63	18.55		
20	250GAM	50	24	18.46	18.73	18.53	19.5	5
20	250GAM	50	50	18.59	18.53	18.67		
20	250GAM	100	0	18.78	18.73	18.55		
Channel								
Frequency (MHz)				1887.5	1900	1915	Time-up limit (dBm)	MPS (dB)
15	OPRK	1	0	23.14	23.39	23.36		
15	OPRK	1	37	22.98	23.35	23.22	24.5	0
15	OPRK	1	74	23.23	23.34	23.17		
15	OPRK	36	0	22.38	22.46	22.44		
15	OPRK	36	20	22.28	22.42	22.31	23.5	1
15	OPRK	36	39	22.42	22.36	22.46		
15	OPRK	75	0	22.39	22.50	22.40		
15	16QAM	1	0	22.84	22.84	22.86		
15	16QAM	1	37	22.98	22.95	22.99	23.5	1
15	16QAM	1	74	22.97	22.91	22.94		
15	16QAM	36	0	21.29	21.41	21.26		
15	16QAM	36	20	21.40	21.22	21.15	22.5	2
15	16QAM	36	39	21.30	21.40	21.34		
15	16QAM	75	0	21.19	21.25	21.37		
15	64QAM	1	0	21.27	21.33	21.22		
15	64QAM	1	37	21.41	21.42	21.38	22.5	2
15	64QAM	1	74	21.16	21.47	21.24		
15	64QAM	36	0	20.52	20.40	20.61		
15	64QAM	36	20	20.65	20.41	20.59	21.5	3
15	64QAM	36	39	20.48	20.46	20.53		
15	250GAM	75	0	20.67	20.42	20.70		
15	250GAM	75	0	18.37	18.66	18.41		
15	250GAM	1	37	18.62	18.61	18.72	19.5	5
15	250GAM	1	74	18.59	18.63	18.43		
15	250GAM	36	0	18.39	18.58	18.36		
15	250GAM	36	20	18.36	18.68	18.45	19.5	5
15	250GAM	36	39	18.41	18.59	18.47		
15	250GAM	75	0	18.59	18.56	18.41		
Channel								
Frequency (MHz)				1865	1880	1905	Time-up limit (dBm)	MPS (dB)
10	OPRK	1	0	23.22	23.33	23.30		
10	OPRK	1	25	23.06	23.25	23.16	24.5	0
10	OPRK	1	49	23.27	23.37	23.11		
10	OPRK	25	0	22.31	22.48	22.50		
10	OPRK	25	12	22.46	22.49	22.24	23.5	1
10	OPRK	25	25	22.40	22.48	22.43		
10	OPRK	50	0	22.38	22.47	22.40		
10	16QAM	1	0	22.62	22.62	22.65		
10	16QAM	1	25	22.98	23.01	22.95	23.5	1
10	16QAM	1	49	22.88	22.99	22.93		
10	16QAM	25	0	21.10	21.26	21.41		
10	16QAM	25	12	21.20	21.28	21.29	22.5	2
10	16QAM	25	25	21.35	21.33	21.26		
10	16QAM	50	0	21.22	21.18	21.46		
10	64QAM	1	0	21.27	21.34	21.26		
10	64QAM	1	25	21.36	21.31	21.35	22.5	2
10	64QAM	1	49	21.21	21.55	21.26		
10	64QAM	25	0	20.62	20.53	20.63		
10	64QAM	25	12	20.64	20.58	20.48	21.5	3
10	64QAM	25	25	20.51	20.54	20.48		
10	64QAM	50	0	20.59	20.47	20.61		
10	250GAM	1	0	18.62	18.70	18.84		
10	250GAM	1	25	18.70	18.58	18.70	19.5	5
10	250GAM	1	49	18.64	18.64	18.45		
10	250GAM	25	0	18.47	18.45	18.41		
10	250GAM	25	12	18.34	18.61	18.45	19.5	5
10	250GAM	25	25	18.45	18.47	18.57		
10	250GAM	50	0	18.65	18.56	18.50		
Channel								
Frequency (MHz)				1862.5	1880	1917.5	Time-up limit (dBm)	MPS (dB)
5	OPRK	1	0	23.20	23.37	23.27		
5	OPRK	1	12	22.98	23.29	23.23	24.5	0
5	OPRK	1	24	23.16	23.37	23.12		
5	OPRK	12	0	22.38	22.45	22.47		
5	OPRK	12	7	22.52	22.52	22.23	23.5	1
5	OPRK	13	0	22.34	22.34	22.39		
5	OPRK	25	0	22.48	22.41	22.44		
5	16QAM	1	0	22.85	22.85	22.85		
5	16QAM	1	12	22.98	22.97	22.95	23.5	1
5	16QAM	1	24	22.87	22.92	22.96		
5	16QAM	13	0	21.25	21.31	21.32		
5	16QAM	13	7	21.49	21.25	21.21	22.5	2
5	16QAM	12	13	21.31	21.30	21.31		
5	16QAM	25	0	21.14	21.23	21.46		
5	64QAM	1	0	21.25	21.38	21.29	22.5	2
5	64QAM	1	12	21.34	21.38	21.42		
5	64QAM	1	24	21.29	21.45	21.30		
5	64QAM	12	0	20.60	20.47	20.62		
5	64QAM	12	7	20.53	20.44	20.54	21.5	3
5	64QAM	12	13	20.40	20.52	20.40		
5	64QAM	25	0	20.69	20.45	20.66		
5	64QAM	25	13	20.64	20.45	20.45	19.5	5
5	250GAM	1	12	18.63	18.62	18.72	19.5	5
5	250GAM	1	24	18.59	18.62	18.43		
5	250GAM	12	0	18.50	18.46	18.46		
5	250GAM	12	7	18.30	18.59	18.33	19.5	5
5	250GAM	12	13	18.45	18.45	18.45		
5	250GAM	25	0	18.61	18.54	18.45		
Channel								
Frequency (MHz)				1881.5	1880	1918.5	Time-up limit (dBm)	MPS (dB)
3	OPRK	1	0	23.22	23.42	23.22		
3	OPRK	1	8	23.10	23.25	23.14	24.5	0
3	OPRK	1	14	23.28	23.38	23.16		
3	OPRK	8	0	22.38	22.54	22.51		
3	OPRK	8	4	22.52	22.46	22.27	23.5	1
3	OPRK	8	7	22.46	22.50	22.45		
3	OPRK	15	0	22.38	22.50	22.40		
3	16QAM	1	0	22.82	22.85	22.85		
3	16QAM	1	8	22.97	23.03	22.92	23.5	1
3	16QAM	1	14	22.99	22.93	22.95		
3	16QAM	8	0	21.14	21.37	21.28		
3	16QAM	8	4	21.38	21.25	21.30	22.5	2
3	16QAM	8	7	21.32	21.33	21.34		
3	16QAM	1	1	21.28	21.11	21.42		
3	64QAM	1	0	21.22	21.36	21.29		
3	64QAM	1	8	21.43	21.38	21.45	22.5	2
3	64QAM	1	14	21.27	21.52	21.22		
3	64QAM	8	0	20.65	20.40	20.54		
3	64QAM	8	4	20.61	20.40	20.53	21.5	3
3	64QAM	12	13	20.52	20.52	20.45		
3	64QAM	15	0	20.61	20.45	20.60		
3	250GAM	1	0	18.59	18.66	18.72		
3	250GAM	1	8	18.60	18.69	18.80	19.5	5
3	250GAM	1	14	18.54	18.54	18.54		
3	250GAM	8	0	18.48	18.58	18.47		
3	250GAM	8	4	18.40	18.56	18.37	19.5	5
3	250GAM	8	7	18.51	18.44	18.61		
3	250GAM	15	0	18.61	18.60	18.36		
Channel								
Frequency (MHz)				1867	1880	1919.5	Time-up limit (dBm)	MPS (dB)
1.4	OPRK	1	0	23.17	23.40	23.30		
1.4	OPRK	1	3	22.99	23.25	23.18		
1.4	OPRK	1	5	23.23	23.31	23.26	24.5	0
1.4	OPRK	3	0	23.28	23.39	23.28		
1.4	OPRK	3	1	23.02	23.26	23.14		
1.4	OPRK	3	3	23.37	23.37	23.11	23.5	1
1.4	OPRK	6	0	22.28	22.46	22.38		
1.4	16QAM	1	0	22.40	22.30	22.18		
1.4	16QAM	1	3	22.31	22.37	22.26		
1.4	16QAM	1	5	22.34	22.45	22.27	23.5	1
1.4	16QAM	3	0	22.71	22.69	22.47		
1.4	16QAM	3	1	22.85	22.75	22.87		
1.4	16QAM	3	3	22.80	22.83	22.88		
1.4	16QAM	6	0	21.00	21.31	21.62	22.5	2
1.4	64QAM	1	0	21.21	21.14	21.12		
1.4	64QAM	1	3	21.21	21.28	21.21		
1.4	64QAM	1	5	21.19	21.04	21.38	22.5	2
1.4	64QAM	3	0	21.15	21.30	21.13		
1.4	64QAM	3	1	21.35	21.25	21.28		
1.4	64QAM	3	3	21.08	21.37	21.04	21.5	3
1.4	64QAM	6	0	20.34	20.27	20.47		
1.4	250GAM	1	0	18.61	18.61	18.61		
1.4	250GAM	1	3	18.60	18.66	18.70	19.5	5
1.4	250GAM	1	5	18.62	18.62	18.56		
1.4	250GAM	3	0	18.30	18.56	18.48		
1.4	250GAM	3	1	18.30	18.60	18.40		
1.4	250GAM	3	3	18.40	18.37	18.51	19.5	5
1.4	250GAM	6	0	18.62	18.60	18.36	19.5	5

LTE Band 43 Ant6 (3.7GHz Band) for FCC use											
BW (MHz)	Modulation Channel	RB Size	RB Offset	Power Low	Power Middle	Power High	Tune-up limit (dBm)	MPR (dB)			
				Ch./ 44190	Ch./ 44590	Ch./ 44990					
Frequency (MHz)				3610	3650	3690					
20	QPSK	1	0	22.69	22.72	22.67	24	0			
20	QPSK	1	49	22.60	22.68	22.65					
20	QPSK	1	99	22.68	22.63	22.69					
20	QPSK	50	0	21.78	21.88	21.66	23	1			
20	QPSK	50	24	21.79	21.87	21.61					
20	QPSK	50	50	21.86	21.85	21.62					
20	QPSK	100	0	21.77	21.85	21.79	23	1			
20	16QAM	1	0	21.43	21.65	21.65					
20	16QAM	1	49	21.73	21.60	21.75					
20	16QAM	1	99	21.70	21.64	21.72	22	2			
20	16QAM	50	0	20.83	20.77	20.75					
20	16QAM	50	24	20.63	20.80	20.78					
20	16QAM	50	50	20.86	20.62	20.79	22	2			
20	16QAM	100	0	20.74	20.60	20.63					
20	64QAM	1	0	20.80	20.83	20.86					
20	64QAM	1	49	20.96	20.94	20.78	22	2			
20	64QAM	1	99	20.66	20.95	20.91					
20	64QAM	50	0	19.86	19.75	19.60					
20	64QAM	50	24	19.91	19.75	19.79	21	3			
20	64QAM	50	50	19.78	19.75	19.62					
20	64QAM	100	0	19.67	19.82	19.67					
20	256QAM	1	0	17.79	17.71	17.83	19	5			
20	256QAM	1	49	17.85	17.80	17.56					
20	256QAM	1	99	17.73	17.66	17.65					
20	256QAM	50	0	17.93	17.77	17.83	19	5			
20	256QAM	50	24	17.69	17.84	17.62					
20	256QAM	50	50	17.75	17.69	17.83					
20	256QAM	100	0	17.92	17.78	17.73					
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3607.5	3650	3692.5					
15	QPSK	1	0	22.52	22.53	22.56	24	0			
15	QPSK	1	37	22.45	22.60	22.58					
15	QPSK	1	74	22.64	22.57	22.54					
15	QPSK	36	0	21.60	21.82	21.48	23	1			
15	QPSK	36	20	21.60	21.75	21.55					
15	QPSK	36	39	21.67	21.75	21.58					
15	QPSK	75	0	21.72	21.77	21.74	23	1			
15	16QAM	1	0	21.38	21.46	21.54					
15	16QAM	1	37	21.63	21.41	21.62					
15	16QAM	1	74	21.56	21.54	21.61	22	2			
15	16QAM	36	0	20.70	20.62	20.70					
15	16QAM	36	20	20.47	20.66	20.72					
15	16QAM	36	39	20.82	20.46	20.65	22	2			
15	16QAM	75	0	20.55	20.49	20.44					
15	64QAM	1	0	20.71	20.69	20.72					
15	64QAM	1	37	20.85	20.87	20.63	22	2			
15	64QAM	1	74	20.58	20.87	20.80					
15	64QAM	36	0	19.73	19.65	19.53					
15	64QAM	36	20	19.80	19.59	19.61	21	3			
15	64QAM	36	39	19.64	19.58	19.51					
15	64QAM	75	0	19.54	19.70	19.50					
15	256QAM	1	0	17.67	17.66	17.63	19	5			
15	256QAM	1	37	17.73	17.71	17.51					
15	256QAM	1	74	17.64	17.50	17.56					
15	256QAM	36	0	17.74	17.71	17.67	19	5			
15	256QAM	36	20	17.53	17.74	17.50					
15	256QAM	36	39	17.55	17.58	17.78					
15	256QAM	75	0	17.83	17.67	17.64					
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3605	3650	3695					
10	QPSK	1	0	22.55	22.56	22.53	24	0			
10	QPSK	1	25	22.46	22.55	22.59					
10	QPSK	1	49	22.61	22.45	22.58					
10	QPSK	25	0	21.67	21.83	21.54	23	1			
10	QPSK	25	12	21.61	21.75	21.47					
10	QPSK	25	25	21.67	21.73	21.42					
10	QPSK	50	0	21.69	21.76	21.73	23	1			
10	16QAM	1	0	21.26	21.49	21.51					
10	16QAM	1	25	21.58	21.50	21.66					
10	16QAM	1	49	21.63	21.58	21.63	22	2			
10	16QAM	25	0	20.79	20.60	20.61					
10	16QAM	25	12	20.53	20.62	20.65					
10	16QAM	25	25	20.68	20.55	20.62	22	2			
10	16QAM	50	0	20.64	20.48	20.51					
10	64QAM	1	0	20.72	20.69	20.67					
10	64QAM	1	25	20.88	20.80	20.67	22	2			
10	64QAM	1	49	20.54	20.90	20.80					
10	64QAM	25	0	19.69	19.68	19.53					
10	64QAM	25	12	19.84	19.70	19.67	21	3			
10	64QAM	25	25	19.68	19.62	19.53					
10	64QAM	50	0	19.50	19.70	19.51					
10	256QAM	1	0	17.64	17.56	17.74	19	5			
10	256QAM	1	25	17.76	17.67	17.39					
10	256QAM	1	49	17.59	17.48	17.51					
10	256QAM	25	0	17.74	17.64	17.73	19	5			
10	256QAM	25	12	17.62	17.69	17.44					
10	256QAM	25	25	17.57	17.58	17.76					
10	256QAM	50	0	17.85	17.62	17.59					
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3602.5	3650	3697.5					
5	QPSK	1	0	22.55	22.54	22.57	24	0			
5	QPSK	1	12	22.44	22.56	22.51					
5	QPSK	1	24	22.59	22.52	22.51					
5	QPSK	12	0	21.61	21.75	21.52	23	1			
5	QPSK	12	7	21.66	21.82	21.57					
5	QPSK	12	13	21.68	21.70	21.57					
5	QPSK	25	0	21.64	21.77	21.73	23	1			
5	16QAM	1	0	21.31	21.56	21.54					
5	16QAM	1	12	21.64	21.48	21.59					
5	16QAM	1	24	21.62	21.56	21.54	22	2			
5	16QAM	12	0	20.68	20.71	20.68					
5	16QAM	12	7	20.43	20.61	20.67					
5	16QAM	12	13	20.67	20.57	20.70	22	2			
5	16QAM	25	0	20.61	20.42	20.55					
5	64QAM	1	0	20.70	20.79	20.79					
5	64QAM	1	12	20.86	20.84	20.64	22	2			
5	64QAM	1	24	20.50	20.88	20.73					
5	64QAM	12	0	19.74	19.66	19.48					
5	64QAM	12	7	19.86	19.60	19.64	21	3			
5	64QAM	12	13	19.73	19.58	19.43					
5	64QAM	25	0	19.53	19.74	19.50	19	5			
5	256QAM	1	0	17.69	17.53	17.69					
5	256QAM	1	12	17.70	17.68	17.51	19	5			
5	256QAM	1	24	17.64	17.62	17.48					
5	256QAM	12	0	17.79	17.65	17.70					
5	256QAM	12	7	17.52	17.76	17.49	19	5			
5	256QAM	12	13	17.66	17.61	17.68					
5	256QAM	25	0	17.76	17.71	17.63					

Reduced Power Mode for DSI6 Simultaneous

<WCDMA>	WCDMA II Ant 1				WCDMA IV Ant 1				WCDMA V Ant 1				
Band	WCDMA II				WCDMA IV				WCDMA V				
TX Channel	9262	9600	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9602	9600	9938		1537	1638	1738		4337	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	23.22	23.31	23.29	24.00	23.26	23.36	23.20	24.00	23.31	23.38	23.34	24.00
3GPP Rel 99	RMG 12.2Kbps	23.25	23.32	23.31	24.00	23.28	23.38	23.21	24.00	23.34	23.40	23.36	24.00
3GPP Rel 6	HSDDPA Subtest-1	22.12	22.41	22.44	23.00	22.29	22.31	22.22	23.00	22.44	22.31	22.45	23.00
3GPP Rel 6	HSDDPA Subtest-2	22.16	22.33	22.24	23.00	22.18	22.25	22.18	23.00	22.42	22.25	22.24	23.00
3GPP Rel 6	HSDDPA Subtest-3	21.68	21.82	21.85	22.50	21.87	21.82	21.83	22.50	21.82	21.93	21.93	22.50
3GPP Rel 6	HSDDPA Subtest-4	21.72	21.77	21.80	22.50	21.89	21.79	21.85	22.50	21.88	22.01	21.72	22.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.17	22.30	22.21	23.00	22.34	22.21	22.12	23.00	22.41	22.46	22.29	23.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.24	22.34	22.32	23.00	22.14	22.32	22.22	23.00	22.32	22.46	22.25	23.00
3GPP Rel 6	DC-HSDPA Subtest-3	21.90	21.84	21.84	22.50	21.67	21.77	21.82	22.50	21.86	21.82	21.86	22.50
3GPP Rel 6	DC-HSDPA Subtest-4	21.83	21.87	21.83	22.50	21.86	21.84	21.71	22.50	21.84	21.81	21.82	22.50
3GPP Rel 6	HSUPA Subtest-1	22.11	22.45	22.40	23.00	22.23	22.26	22.20	23.00	22.32	22.35	22.15	23.00
3GPP Rel 6	HSUPA Subtest-2	20.24	20.45	20.26	21.00	20.25	20.24	20.27	21.00	20.38	20.27	20.24	21.00
3GPP Rel 6	HSUPA Subtest-3	21.33	21.36	21.38	22.00	21.16	21.38	21.17	22.00	21.44	21.54	21.32	22.00
3GPP Rel 6	HSUPA Subtest-4	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00
3GPP Rel 6	HSUPA Subtest-5	22.33	22.26	22.32	23.00	22.42	22.36	22.27	23.00	22.38	22.37	22.36	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.80	19.67	19.75	20.50	19.68	19.93	19.79	20.50	19.97	19.90	19.87	20.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-2	20.13	20.18	20.37	21.00	20.22	20.27	20.35	21.00	20.45	20.34	20.44	21.00

LTE Band 2 Ant1										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low (MHz)	Power Mid (MHz)	Power High (MHz)	Time-Int. (ms)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.35	23.41	23.34	24.5	0		
20	QPSK	1	49	23.36	23.38	23.27	24.5	0		
20	QPSK	1	98	23.36	23.38	23.27	24.5	0		
20	QPSK	50	24	22.48	22.42	22.32	23.5	1		
20	QPSK	50	50	22.43	22.41	22.31	23.5	1		
20	QPSK	100	0	22.46	22.51	22.43	23.5	1		
20	16QAM	1	0	22.79	22.83	22.68	23.5	1		
20	16QAM	1	49	22.86	22.88	22.81	23.5	1		
20	16QAM	1	99	22.84	22.87	22.88	23.5	1		
20	16QAM	50	24	21.36	21.42	21.32	22.5	2		
20	16QAM	50	50	21.44	21.37	21.28	22.5	2		
20	16QAM	100	0	21.38	21.46	21.32	22.5	2		
20	64QAM	1	0	21.76	21.76	21.81	22.5	2		
20	64QAM	1	49	21.58	21.62	21.59	22.5	2		
20	64QAM	1	99	21.76	21.88	21.82	22.5	2		
20	64QAM	50	24	20.42	20.48	20.42	21.5	3		
20	64QAM	50	50	20.36	20.35	20.37	21.5	3		
20	64QAM	100	0	20.42	20.44	20.42	21.5	3		
20	256QAM	1	0	18.58	18.55	18.66	19.5	5		
20	256QAM	1	49	18.51	18.52	18.64	19.5	5		
20	256QAM	1	99	18.49	18.72	18.57	19.5	5		
20	256QAM	50	24	18.43	18.40	18.34	19.5	5		
20	256QAM	50	50	18.30	18.58	18.44	19.5	5		
20	256QAM	100	0	18.34	18.38	18.34	19.5	5		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.31	23.32	23.27	24.5	0		
15	QPSK	1	49	23.31	23.30	23.22	24.5	0		
15	QPSK	1	74	23.31	23.18	23.09	24.5	0		
15	QPSK	36	0	22.23	22.49	22.29	23.5	1		
15	QPSK	36	24	22.28	22.33	22.29	23.5	1		
15	QPSK	36	49	22.35	22.30	22.27	23.5	1		
15	QPSK	75	0	22.36	22.44	22.24	23.5	1		
15	16QAM	1	0	22.69	22.71	22.49	23.5	1		
15	16QAM	1	49	22.78	22.73	22.59	23.5	1		
15	16QAM	1	74	22.52	22.79	22.34	23.5	1		
15	16QAM	36	0	21.32	21.34	21.13	22.5	2		
15	16QAM	36	24	21.25	21.15	21.08	22.5	2		
15	16QAM	36	50	21.37	21.39	21.12	22.5	2		
15	16QAM	75	0	21.21	21.54	21.20	22.5	2		
15	64QAM	1	0	21.21	21.86	21.66	22.5	2		
15	64QAM	1	27	21.47	21.68	21.61	22.5	2		
15	64QAM	1	74	21.70	21.49	21.63	22.5	2		
15	64QAM	36	0	20.35	20.36	20.36	21.5	3		
15	64QAM	36	24	20.28	20.42	20.42	21.5	3		
15	64QAM	36	50	20.34	20.32	20.32	21.5	3		
15	64QAM	75	0	20.38	20.32	20.37	21.5	3		
15	256QAM	1	0	18.09	18.48	18.08	19.5	5		
15	256QAM	1	37	18.46	18.45	18.34	19.5	5		
15	256QAM	1	74	18.30	18.86	18.42	19.5	5		
15	256QAM	36	0	18.32	18.36	18.35	19.5	5		
15	256QAM	36	24	18.14	18.38	18.33	19.5	5		
15	256QAM	36	50	18.05	18.12	18.48	19.5	5		
15	256QAM	75	0	18.25	18.30	18.40	19.5	5		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.26	23.28	23.23	24.5	0		
10	QPSK	1	49	23.24	23.21	23.22	24.5	0		
10	QPSK	25	0	22.31	22.40	22.30	23.5	1		
10	QPSK	25	12	22.37	22.34	22.34	23.5	1		
10	QPSK	25	24	22.37	22.37	22.35	23.5	1		
10	QPSK	50	0	22.41	22.37	22.33	23.5	1		
10	16QAM	1	0	22.64	22.69	22.49	23.5	1		
10	16QAM	1	25	22.68	22.68	22.63	23.5	1		
10	16QAM	1	49	22.77	22.89	22.78	23.5	1		
10	16QAM	25	0	21.24	21.22	21.27	22.5	2		
10	16QAM	25	12	21.25	21.25	21.29	22.5	2		
10	16QAM	25	25	21.35	21.49	21.08	22.5	2		
10	16QAM	50	0	21.24	21.59	21.23	22.5	2		
10	16QAM	50	24	21.28	21.41	21.27	22.5	2		
10	16QAM	50	50	21.35	21.35	21.05	22.5	2		
10	64QAM	1	0	21.49	21.49	21.57	22.5	2		
10	64QAM	25	0	20.34	20.34	20.27	21.5	3		
10	64QAM	25	12	20.28	20.27	20.25	21.5	3		
10	64QAM	25	25	20.33	20.33	20.40	21.5	3		
10	64QAM	50	0	20.36	20.34	20.26	21.5	3		
10	256QAM	1	0	18.52	18.50	18.54	19.5	5		
10	256QAM	1	25	18.47	18.48	18.34	19.5	5		
10	256QAM	1	49	18.41	18.53	18.42	19.5	5		
10	256QAM	25	0	18.47	18.46	18.36	19.5	5		
10	256QAM	25	12	18.26	18.49	18.39	19.5	5		
10	256QAM	25	25	18.15	18.20	18.36	19.5	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.29	23.33	23.22	24.5	0		
5	QPSK	1	49	23.28	23.23	23.15	24.5	0		
5	QPSK	1	24	23.27	23.29	23.11	24.5	0		
5	QPSK	12	0	22.30	22.42	22.39	23.5	1		
5	QPSK	12	6	22.37	22.37	22.14	23.5	1		
5	QPSK	12	13	22.29	22.34	22.34	23.5	1		
5	QPSK	25	0	22.40	22.33	22.38	23.5	1		
5	16QAM	1	0	22.63	22.78	22.60	23.5	1		
5	16QAM	1	12	22.79	22.78	22.62	23.5	1		
5	16QAM	1	24	22.83	22.82	22.77	23.5	1		
5	16QAM	12	0	21.27	21.29	21.16	22.5	2		
5	16QAM	12	6	21.32	21.17	21.20	22.5	2		
5	16QAM	12	13	21.24	21.45	21.18	22.5	2		
5	16QAM	25	0	21.25	21.53	21.27	22.5	2		
5	16QAM	25	12	21.45	21.62	21.62	22.5	2		
5	64QAM	1	12	21.46	21.68	21.65	22.5	2		
5	64QAM	1	24	21.69	21.53	21.68	22.5	2		
5	64QAM	12	0	20.36	20.31	20.31	21.5	3		
5	64QAM	12	6	20.30	20.55	20.41	21.5	3		
5	64QAM	12	13	20.20	20.16	20.38	21.5	3		
5	64QAM	25	0	20.34	20.37	20.29	21.5	3		
5	256QAM	1	12	18.33	18.33	18.34	19.5	5		
5	256QAM	1	24	18.33	18.54	18.47	19.5	5		
5	256QAM	12	0	18.37	18.34	18.30	19.5	5		
5	256QAM	12	7	18.21	18.35	18.31	19.5	5		
5	256QAM	12	13	18.18	18.19	18.49	19.5	5		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.15	18.06	18.05	19.5	5		
1.4	QPSK	1	8	18.19	18.18	18.05	19.5	5		
1.4	QPSK	1	14	18.23	18.22	18.14	24.5	0		
1.4	QPSK	8	0	18.18	18.45	18.25	23.5	1		
1.4	QPSK	8	7	18.27	18.33	18.37	23.5	1		
1.4	QPSK	15	0	18.41	18.46	18.28	23.5	1		
1.4	QPSK	15	7	18.36	18.47	18.47	23.5	1		
1.4	QPSK	1	8	22.97	22.97	22.97	23.5	1		
1.4	16QAM	1	14	22.91	22.75	22.77	23.5	1		
1.4	16QAM	8	0	21.27	21.25	21.20	22.5	2		
1.4	16QAM	8	7	21.38	21.38	21.26	22.5	2		
1.4	16QAM	8	7	21.25	21.43	21.07	22.5	2		
1.4	16QAM	15	0	21.34	21.53	21.20	22.5	2		
1.4	64QAM	1	14	21.68	21.68	21.68	22.5	2		
1.4	64QAM	1	14	21.67	21.50	21.74	22.5	2		
1.4	64QAM	8	0	20.29	20.29	20.29	21.5	3		
1.4	64QAM	8	4	20.27	20.53	20.42	21.5	3		
1.4	64QAM	8	7	20.36	20.20	20.30	21.5	3		
1.4	256QAM	1	14	18.24	18.24	18.24	19.5	5		
1.4	256QAM	1	14	18.52	18.36	18.52	19.5	5		
1.4	256QAM	1	8	18.36	18.35	18.51	19.5	5		
1.4	256QAM	1	14	18.42	18.58	18.41	19.5	5		
1.4	256QAM	8	0	18.34	18.34	18.48	19.5	5		
1.4	256QAM	8	4	18.17	18.48	18.35	19.5	5		
1.4	256QAM	8	7	18.09	18.13	18.48	19.5	5		
1.4	256QAM	8	7	18.09	18.26	18.48	19.5	5		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	18.15	18.06	18.05	19.5	5		
1.4	QPSK	1	8	18.19	18.18	18.05	19.5	5		
1.4	QPSK	1	14	18.23	18.22	18.14	24.5	0		
1.4	QPSK	8	0	18.18	18.45	18.25	23.5	1		
1.4	QPSK	8	7	18.27	18.33	18.37	23.5	1		
1.4	QPSK	15	0	18.41	18.46	18.28	23.5	1		
1.4	QPSK	15	7	18.36	18.47	18.47	23.5	1		
1.4	QPSK	3	3	21.24	21.31	21.34	22.5	2		
1.4	QPSK	3	3	21.22	21.32	21.32	22.5	2		
1.4	QPSK	3	3	21.22	21.31	21.25	22.5	2		
1.4	QPSK	3	3	21.22	21.31	21.25	22.5	2		
1.4	QPSK	3	3	21.22	21.31	21.25	22.5	2		
1.4	QPSK	3	3	2						

LTE Band 12 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Lim. Ch./	Power Mask Ch./	Power Rsp. Ch./	Time-to-Acq (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.05	24.10	24.01			
10	QPSK	1	25	23.97	24.01	24.06	25	0	
10	QPSK	1	49	23.94	23.92	23.83	25	1	
10	QPSK	25	0	23.12	23.16	23.14			
10	QPSK	25	12	22.97	23.01	23.02	24	1	
10	QPSK	25	25	23.02	23.08	23.05			
10	QPSK	50	0	22.96	23.13	22.93			
10	16QAM	1	0	23.14	23.31	23.11	24	1	
10	16QAM	1	25	23.31	23.37	23.17			
10	16QAM	1	49	23.13	23.21	23.43			
10	16QAM	25	0	21.94	22.03	22.05			
10	16QAM	25	12	22.02	22.06	22.07	23	2	
10	16QAM	25	25	22.14	22.09	22.12			
10	16QAM	50	0	22.06	22.15	21.94			
10	64QAM	1	0	22.27	22.24	22.38			
10	64QAM	1	25	22.10	22.05	22.15	23	2	
10	64QAM	1	49	22.25	22.30	22.23			
10	64QAM	25	0	21.18	21.06	21.08			
10	64QAM	25	12	21.02	20.98	21.11			
10	64QAM	25	25	20.93	21.14	20.98	22	3	
10	64QAM	50	0	20.97	21.18	21.14			
10	256QAM	1	0	19.13	19.17	19.17			
10	256QAM	1	25	19.13	19.11	19.04	20	5	
10	256QAM	1	49	19.23	19.14	19.30			
10	256QAM	25	0	19.17	19.09	19.12			
10	256QAM	25	12	19.07	19.01	19.06	20	5	
10	256QAM	25	25	19.06	19.26	19.09			
10	256QAM	50	0	19.94	19.22	19.06			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.98	23.94	23.87	Time-to-Acq (ms)	MPE (dB)	
5	QPSK	1	19	23.72	23.93	23.76	25	0	
5	QPSK	1	24	23.78	23.79	23.72			
5	QPSK	12	0	22.96	23.10	22.96			
5	QPSK	12	7	22.77	22.81	22.95	24	1	
5	QPSK	12	13	22.86	22.99	22.79			
5	QPSK	25	0	22.77	23.08	22.88			
5	16QAM	1	0	23.02	23.15	23.07			
5	16QAM	1	19	23.26	23.19	23.12	24	1	
5	16QAM	1	24	22.97	23.15	23.36			
5	16QAM	12	0	21.79	21.96	21.92			
5	16QAM	12	7	21.63	21.81	21.70			
5	16QAM	12	13	21.97	21.89	21.97	23	2	
5	16QAM	25	0	21.87	22.10	21.89			
5	16QAM	25	1	22.11	22.10	22.21			
5	64QAM	1	12	22.12	22.00	22.02	23	2	
5	64QAM	1	24	22.15	22.23	22.16			
5	64QAM	12	0	21.05	20.88	20.94			
5	64QAM	12	7	20.97	21.06	21.06			
5	64QAM	12	13	20.95	20.96	20.90	22	3	
5	64QAM	25	0	20.93	21.08	20.95			
5	256QAM	1	0	19.94	19.02	19.05			
5	256QAM	1	12	19.94	19.03	19.00	20	5	
5	256QAM	1	24	19.14	19.03	19.10			
5	256QAM	12	0	19.03	19.02	19.07			
5	256QAM	12	7	19.00	19.06	19.08	20	5	
5	256QAM	12	13	19.07	19.17	19.05			
5	256QAM	25	0	19.74	19.16	19.00			
Channel									
Frequency (MHz)									
3	QPSK	1	0	23.99	23.90	23.85	Time-to-Acq (ms)	MPE (dB)	
3	QPSK	1	8	23.86	23.94	23.79	25	0	
3	QPSK	1	14	23.77	23.72	23.75			
3	QPSK	8	0	21.02	21.04	22.95			
3	QPSK	8	4	20.82	22.93	22.94	24	1	
3	QPSK	8	7	20.98	22.98	22.79			
3	QPSK	16	0	22.82	22.94	22.75			
3	16QAM	1	0	23.05	23.23	23.02	24	1	
3	16QAM	1	8	23.23	23.22	23.04			
3	16QAM	1	14	23.08	23.11	23.30			
3	16QAM	8	0	21.83	21.90	21.91			
3	16QAM	8	4	22.02	21.80	21.87			
3	16QAM	8	7	22.09	21.94	21.96	23	2	
3	16QAM	15	0	21.99	21.99	21.84			
3	64QAM	1	0	22.23	22.16	22.18			
3	64QAM	1	8	22.13	21.99	22.00	23	2	
3	64QAM	1	14	22.10	22.16	22.10			
3	64QAM	8	0	21.03	20.94	20.89			
3	64QAM	8	4	20.88	20.93	21.07	22	3	
3	64QAM	8	7	20.74	21.07	20.63			
3	64QAM	15	0	20.85	21.13	21.02			
3	256QAM	1	0	19.94	19.06	19.11			
3	256QAM	1	8	19.94	19.05	19.00	20	5	
3	256QAM	1	14	19.03	19.03	19.13			
3	256QAM	8	0	19.07	19.04	19.04			
3	256QAM	8	4	19.05	19.06	19.01	20	5	
3	256QAM	8	7	19.05	19.20	19.04			
3	256QAM	15	0	19.77	19.07	19.07			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.00	24.08	23.94	Time-to-Acq (ms)	MPE (dB)	
1.4	QPSK	1	3	23.86	23.97	23.73	25	0	
1.4	QPSK	1	5	23.71	23.81	23.67			
1.4	QPSK	3	0	23.87	23.97	23.83			
1.4	QPSK	3	1	23.70	23.89	23.83			
1.4	QPSK	3	3	23.70	23.83	23.75	24	1	
1.4	QPSK	6	0	22.91	22.97	22.86			
1.4	16QAM	1	0	22.84	22.78	22.78			
1.4	16QAM	1	3	22.93	22.87	22.83	24	1	
1.4	16QAM	1	5	22.76	22.83	22.59			
1.4	16QAM	3	0	22.96	23.18	22.91			
1.4	16QAM	3	1	23.18	23.03	22.94			
1.4	16QAM	3	3	22.97	22.94	23.17			
1.4	16QAM	6	0	21.76	21.84	21.73	23	2	
1.4	64QAM	1	0	21.96	21.73	21.59			
1.4	64QAM	1	3	22.02	21.83	21.86			
1.4	64QAM	1	5	21.82	21.91	21.79	23	2	
1.4	64QAM	3	0	22.13	22.10	22.00			
1.4	64QAM	3	1	22.02	21.80	21.98			
1.4	64QAM	3	3	21.94	22.12	21.96	22	3	
1.4	256QAM	1	0	20.87	20.77	20.72			
1.4	256QAM	1	3	20.90	20.64	20.60	20	5	
1.4	256QAM	1	5	19.06	19.03	19.07			
1.4	256QAM	1	5	19.19	19.00	19.14			
1.4	256QAM	3	0	19.03	19.06	19.03			
1.4	256QAM	3	1	19.08	19.07	19.00			
1.4	256QAM	3	3	19.04	19.07	19.03	20	5	
1.4	256QAM	6	0	19.76	19.09	19.00			

LTE Band 13 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Lim. Ch./	Power Mask Ch./	Power Rsp. Ch./	Time-to-Acq (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0		24.11				
10	QPSK	1	25		24.00		25	0	
10	QPSK	1	49		23.79				
10	QPSK	25	0		23.15				
10	QPSK	25	12		22.99		24	1	
10	QPSK	25	25		22.99				
10	QPSK	50	0		23.00				
10	16QAM	1	0		23.15		24	1	
10	16QAM	1	25		23.31				
10	16QAM	1	49		23.04				
10	16QAM	25	0		22.14				
10	16QAM	25	12		22.11		23	2	
10	16QAM	25	25		22.21				
10	16QAM	50	0		22.13				
10	64QAM	1	0		22.24				
10	64QAM	1	25		22.19		23	2	
10	64QAM	1	49		22.14				
10	64QAM	25	0		21.15				
10	64QAM	25	12		21.11				
10	64QAM	25	25		21.28		22	3	
10	64QAM	50	0		21.28				
10	256QAM	1	0		19.03				
10	256QAM	1	25		19.06		20	5	
10	256QAM	1	49		19.15				
10	256QAM	25	0		19.05				
10	256QAM	25	12		19.20		20	5	
10	256QAM	25	25		19.00				
10	256QAM	50	0		19.15				
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.96	23.99	23.93	Time-to-Acq (ms)	MPE (dB)	
5	QPSK	1	12	23.94	23.91	23.86	25	0	
5	QPSK	1	24	23.97	23.97	23.85			
5	QPSK	12	0	23.01	23.05	23.00			
5	QPSK	12	7	22.88	22.82	22.83	2		
5	QPSK	12	13	22.83	22.87	22.83			
5	QPSK	1	0	23.07	23.01	23.03			
5	16QAM	1	0	23.03	23.01	23.03			
5	16QAM	1	12	23.07	23.05	23.01	24	1	
5	16QAM	1	24	22.94	22.94	22.88			
5	16QAM	12	0	21.96	22.02	22.00			
5	16QAM	12	7	21.91	21.94	21.93			
5	16QAM	12	13	22.02	22.06	22.00	23	2	
5	16QAM	1	0	22.00	22.01	22.00			
5	16QAM	1	12	22.05	22.01	22.05			
5	16QAM	1	12	22.00	22.08	22.04	23	2	
5	16QAM	24	0	21.90	21.90	21.84			
5	16QAM	12	0	21.04	21.01	21.05			
5	64QAM	12	7	20.32	20.38	20.31	22	3	
5	64QAM	12	13	21.08	21.04	21.11			
5	256QAM	1	0	18.11	18.22	18.03			
5	256QAM	1	0	18.01	18.01	18.05	20	5	
5	256QAM	1	12	18.17	18.07	18.17			
5	256QAM	12	0	18.08	18.08	18.03			
5	256QAM	12	6	18.08	18.00	18.07			
5	256QAM	12	7	18.00	18.12	18.00	20	5	
5	256QAM	12	13	18.00	18.00	18.08			
5	256QAM	1	0	19.04	19.02	19.02			

LTE Band 25 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Time-avg (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.30	23.43	23.28	24.5	0	
20	QPSK	1	49	23.36	23.49	23.34	24.5	0	
20	QPSK	1	98	23.35	23.43	23.44	24.5	0	
20	QPSK	50	0	22.49	22.57	22.54	23.5	1	
20	QPSK	50	24	22.35	22.53	22.46	23.5	1	
20	QPSK	50	49	22.47	22.45	22.44	23.5	1	
20	QPSK	100	0	22.38	22.55	22.30	23.5	1	
20	QPSK	100	1	22.43	22.58	22.36	23.5	1	
20	QPSK	100	50	22.46	22.72	22.49	23.5	1	
20	QPSK	100	99	22.71	22.48	22.84	23.5	1	
20	QPSK	50	0	21.70	21.98	21.72	22.5	2	
20	QPSK	50	24	21.56	21.68	21.62	22.5	2	
20	QPSK	50	49	21.46	21.58	21.42	22.5	2	
20	QPSK	100	0	21.48	21.70	21.70	22.5	2	
20	QPSK	100	1	21.63	21.62	21.70	22.5	2	
20	QPSK	100	50	21.67	21.68	21.70	22.5	2	
20	QPSK	100	99	21.50	21.72	21.52	22.5	2	
20	QPSK	50	0	20.75	20.57	20.59	21.5	3	
20	QPSK	50	24	20.73	20.46	20.58	21.5	3	
20	QPSK	50	49	20.75	20.59	20.55	21.5	3	
20	QPSK	100	0	20.45	20.53	20.50	20.5	5	
20	QPSK	100	1	20.47	20.51	20.54	20.5	5	
20	QPSK	100	50	19.84	19.70	19.83	19.5	5	
20	QPSK	100	99	19.82	19.57	19.85	19.5	5	
20	QPSK	50	0	18.80	18.52	18.48	18.5	5	
20	QPSK	50	24	18.84	18.56	18.51	18.5	5	
20	QPSK	50	49	18.86	18.82	18.86	18.5	5	
20	QPSK	100	0	18.44	18.47	18.58	17.5	5	
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.30	23.38	23.18	24.5	0	
15	QPSK	1	49	23.18	23.34	23.16	24.5	0	
15	QPSK	1	98	23.30	23.37	23.27	24.5	0	
15	QPSK	50	0	22.44	22.48	22.35	23.5	1	
15	QPSK	50	24	22.27	22.48	22.28	23.5	1	
15	QPSK	50	49	22.37	22.40	22.38	23.5	1	
15	QPSK	100	0	22.32	22.42	22.17	23.5	1	
15	QPSK	100	1	22.36	22.47	22.21	23.5	1	
15	QPSK	100	50	22.45	22.47	22.34	23.5	1	
15	QPSK	100	99	22.57	22.38	22.45	23.5	1	
15	QPSK	50	0	21.61	21.57	21.62	22.5	2	
15	QPSK	50	24	21.45	21.51	21.49	22.5	2	
15	QPSK	50	49	21.27	21.41	21.36	22.5	2	
15	QPSK	100	0	21.34	21.63	21.55	22.5	2	
15	QPSK	100	1	21.54	21.67	21.64	22.5	2	
15	QPSK	100	50	21.55	21.61	21.65	22.5	2	
15	QPSK	100	99	21.34	21.59	21.43	22.5	2	
15	QPSK	50	0	20.71	20.38	20.52	21.5	3	
15	QPSK	50	24	20.66	20.36	20.42	21.5	3	
15	QPSK	50	49	20.50	20.49	20.42	21.5	3	
15	QPSK	100	0	20.36	20.48	20.53	20.5	5	
15	QPSK	100	1	20.38	20.45	20.46	20.5	5	
15	QPSK	100	50	19.86	19.53	19.84	19.5	5	
15	QPSK	100	99	19.81	19.43	19.76	19.5	5	
15	QPSK	50	0	18.35	18.58	18.35	18.5	5	
15	QPSK	50	24	18.35	18.59	18.35	18.5	5	
15	QPSK	50	49	18.32	18.47	18.22	18.5	5	
15	QPSK	100	0	18.36	18.34	18.49	17.5	5	
Channel									
Frequency (MHz)									
10	QPSK	1	0	23.24	23.37	23.22	24.5	0	
10	QPSK	1	49	23.11	23.26	23.17	24.5	0	
10	QPSK	1	98	23.30	23.34	23.33	24.5	0	
10	QPSK	50	0	22.31	22.46	22.32	23.5	1	
10	QPSK	50	24	22.12	22.49	22.32	23.5	1	
10	QPSK	50	49	22.25	22.29	22.27	23.5	1	
10	QPSK	100	0	22.32	22.51	22.21	23.5	1	
10	QPSK	100	1	22.26	22.41	22.16	23.5	1	
10	QPSK	100	50	22.35	22.45	22.30	23.5	1	
10	QPSK	100	99	22.42	22.31	22.51	23.5	1	
10	QPSK	50	0	21.60	21.59	21.54	22.5	2	
10	QPSK	50	24	21.37	21.61	21.48	22.5	2	
10	QPSK	50	49	21.22	21.38	21.25	22.5	2	
10	QPSK	100	0	21.39	21.54	21.58	22.5	2	
10	QPSK	100	1	21.48	21.62	21.64	22.5	2	
10	QPSK	100	50	21.48	21.60	21.51	22.5	2	
10	QPSK	100	99	21.36	21.62	21.40	22.5	2	
10	QPSK	50	0	20.84	20.51	20.49	21.5	3	
10	QPSK	50	24	20.84	20.52	20.49	21.5	3	
10	QPSK	50	49	20.64	20.58	20.45	21.5	3	
10	QPSK	100	0	20.36	20.49	20.51	20.5	5	
10	QPSK	100	1	20.47	20.51	20.46	20.5	5	
10	QPSK	100	50	19.87	19.55	19.74	19.5	5	
10	QPSK	100	99	19.87	19.50	19.78	19.5	5	
10	QPSK	50	0	18.45	18.58	18.44	18.5	5	
10	QPSK	50	24	18.45	18.58	18.44	18.5	5	
10	QPSK	50	49	18.31	18.51	18.16	18.5	5	
10	QPSK	100	0	18.33	18.34	18.50	17.5	5	
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.20	23.32	23.10	24.5	0	
5	QPSK	1	49	23.18	23.26	23.15	24.5	0	
5	QPSK	1	98	23.32	23.32	23.31	24.5	0	
5	QPSK	50	0	22.42	22.41	22.44	23.5	1	
5	QPSK	50	24	22.20	22.46	22.20	23.5	1	
5	QPSK	50	49	22.31	22.34	22.32	23.5	1	
5	QPSK	100	0	22.38	22.48	22.26	23.5	1	
5	QPSK	100	1	22.37	22.41	22.35	23.5	1	
5	QPSK	100	50	22.56	22.53	22.45	23.5	1	
5	QPSK	100	99	22.48	22.43	22.48	23.5	1	
5	QPSK	50	0	21.65	21.51	21.58	22.5	2	
5	QPSK	50	24	21.48	21.63	21.43	22.5	2	
5	QPSK	50	49	21.31	21.47	21.33	22.5	2	
5	QPSK	100	0	21.31	21.53	21.60	22.5	2	
5	QPSK	100	1	21.54	21.53	21.59	22.5	2	
5	QPSK	100	50	21.52	21.49	21.52	22.5	2	
5	QPSK	100	99	21.34	21.58	21.35	22.5	2	
5	QPSK	50	0	20.82	20.38	20.52	21.5	3	
5	QPSK	50	24	20.85	20.21	20.49	21.5	3	
5	QPSK	50	49	20.65	20.53	20.48	21.5	3	
5	QPSK	100	0	20.35	20.55	20.51	20.5	5	
5	QPSK	100	1	20.47	20.51	20.46	20.5	5	
5	QPSK	100	50	19.89	19.50	19.86	19.5	5	
5	QPSK	100	99	19.86	18.50	19.86	19.5	5	
5	QPSK	50	0	18.56	18.49	18.80	18.5	5	
5	QPSK	50	24	18.56	18.47	18.80	18.5	5	
5	QPSK	50	49	18.46	18.51	18.41	18.5	5	
5	QPSK	100	0	18.39	18.49	18.24	17.5	5	
5	QPSK	100	1	18.31	18.52	18.46	17.5	5	
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	23.21	23.32	23.16	24.5	0	
1.4	QPSK	1	49	23.14	23.35	23.19	24.5	0	
1.4	QPSK	1	98	23.36	23.33	23.34	24.5	0	
1.4	QPSK	50	0	22.40	22.48	22.38	23.5	1	
1.4	QPSK	50	24	22.28	22.48	22.37	23.5	1	
1.4	QPSK	50	49	22.40	22.38	22.38	23.5	1	
1.4	QPSK	100	0	22.24	22.42	22.13	23.5	1	
1.4	QPSK	100	1	22.31	22.37	22.27	23.5	1	
1.4	QPSK	100	50	22.51	22.54	22.42	23.5	1	
1.4	QPSK	100	99	22.34	22.44	22.48	23.5	1	
1.4	QPSK	50	0	21.51	21.41	21.54	22.5	2	
1.4	QPSK	50	24	21.48	21.56	21.43	22.5	2	
1.4	QPSK	50	49	21.38	21.53	21.24	22.5	2	
1.4	QPSK	100	0	21.36	21.51	21.59	22.5	2	
1.4	QPSK	100	1	21.61	21.54	21.61	22.5	2	
1.4	QPSK	100	50	21.47	21.49	21.57	22.5	2	
1.4	QPSK	100	99	21.26	21.53	21.38	22.5	2	
1.4	QPSK	50	0	20.87	20.47	20.62	21.5	3	
1.4	QPSK	50	24	20.88	20.30	20.43	21.5	3	
1.4	QPSK	50	49	20.67	20.57	20.47	21.5	3	
1.4	QPSK	100	0	20.37	20.57	20.53	20.5	5	
1.4	QPSK	100	1	20.49	20.53	20.44	20.5	5	
1.4	QPSK	100	50	19.90	19.51	19.88	19.5	5	
1.4	QPSK	100	99	19.88	18.50	19.88	19.5	5	
1.4	QPSK	50	0	18.77	18.59	18.73	18.5	5	
1.4	QPSK	50	24	18.80	18.38	18.77	18.5	5	
1.4	QPSK	50	49	18.78	18.65	18.85	18.5	5	
1.4	QPSK	100	0	18.46	18.50	18.45	18.5	5	
1.4	QPSK	100	1	18.37	18.56	18.21	17.5	5	
1.4	QPSK	100	50	18.40	18.58	18.32	17.5	5	
1.4	QPSK	100	99	18.40	18.56	18.32	17.5	5	
Channel									
Frequency (MHz)									
0.3	QPSK	1	0	23.22	23.32	23.17	24.5	0	
0.3	QPSK	1	49	23.15	23.36	23.20	24.5	0	
0.3	QPSK	1	98	23.37	23.34	23.35	24.5	0	
0.3	QPSK	50	0	22.41	22.49	22			

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	21.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71	21.5	2	
20	64QAM	1	49	20.58	20.61	20.82			
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55	20.5	3	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	5	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	5	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	17.39	17.65	17.54
20	256QAM	100	0	17.39	17.65	17.54			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49	17.28	17.57	17.48
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.82	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	21.5	2	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	20.5	3	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47	2077.5	21100	21425
Channel				2502.5	2535	2567.5			
Frequency (MHz)				21.91	22.14	22.06	23.5	0	
5	QPSK	1	0	21.91	22.14	22.06			
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05	22.5	1	
5	QPSK	12	0	21.24	21.34	21.29			
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42	22.5	1	
5	QPSK	25	0	21.28	21.39	21.21			
5	16QAM	1	0	21.34	21.48	21.40	22.5	1	
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68			
5	16QAM	12	0	20.38	20.40	20.27	21.5	2	
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56			
5	16QAM	25	0	20.41	20.38	20.19	21.5	2	
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77			
5	64QAM	1	24	20.34	20.38	20.75	20.5	3	
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52			
5	64QAM	12	13	19.46	19.34	19.51	18.5	5	
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68			
5	256QAM	1	12	17.65	17.37	17.67	18.5	5	
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39			
5	256QAM	12	7	17.24	17.34	17.36	18.5	5	
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 38 Ant2															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Power Low Ch / Power High Ch / Power Middle Ch / Power High Ch / Power High Ch / Power High Ch	Tune-up limit (dBm)	MPR (dB)				
Channel				37850	38000	38150	38300	38450	38600	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2580	2595	2610									
20	QPSK	1	0	22.99	23.15	23.12					24	0			
20	QPSK	1	49	22.97	23.09	22.88									
20	QPSK	1	99	22.97	23.06	22.89					23	1			
20	QPSK	50	0	22.25	22.29	22.09									
20	QPSK	50	24	21.97	22.22	22.08									
20	QPSK	50	50	22.18	22.24	22.13					23	1			
20	QPSK	100	0	22.10	22.27	21.98									
20	16QAM	1	0	21.98	22.04	22.12					23	1			
20	16QAM	1	49	22.07	21.97	21.89									
20	16QAM	1	99	22.09	22.02	22.00					22	2			
20	16QAM	50	0	21.36	21.26	21.33									
20	16QAM	50	24	21.14	21.16	21.35					22	2			
20	16QAM	50	50	21.40	21.19	21.26									
20	16QAM	100	0	21.11	21.28	21.31					22	2			
20	64QAM	1	0	21.24	21.21	21.37									
20	64QAM	1	49	21.36	21.08	21.22					22	2			
20	64QAM	1	99	21.37	21.03	21.06									
20	64QAM	50	0	20.16	20.26	20.40					21	3			
20	64QAM	50	24	20.17	20.23	20.30									
20	64QAM	50	50	20.32	20.19	20.40					21	3			
20	64QAM	100	0	20.12	20.31	20.28									
20	256QAM	1	0	18.22	18.13	18.08					19	5			
20	256QAM	1	49	18.10	17.96	18.28									
20	256QAM	1	99	18.11	18.20	18.22					19	5			
20	256QAM	50	0	18.05	18.19	18.32									
20	256QAM	50	24	18.21	18.20	18.22					19	5			
20	256QAM	50	50	18.04	18.15	18.05									
20	256QAM	100	0	18.20	18.19	18.21					Tune-up limit (dBm)	MPR (dB)			
Channel				37825	38000	38175	38350	38525	38700						
Frequency (MHz)				2577.5	2595	2612.5									
15	QPSK	1	0	22.85	22.95	22.97					24	0			
15	QPSK	1	37	22.92	22.90	22.82									
15	QPSK	1	74	22.89	22.92	22.70					23	1			
15	QPSK	36	0	22.20	22.17	21.93									
15	QPSK	36	20	21.79	22.15	21.99					23	1			
15	QPSK	36	39	22.00	22.16	22.04									
15	QPSK	75	0	21.96	22.11	21.83					23	1			
15	16QAM	1	0	21.81	21.87	22.01									
15	16QAM	1	37	21.91	21.92	21.76					23	1			
15	16QAM	1	74	21.97	21.89	21.82									
15	16QAM	36	0	21.31	21.12	21.19					22	2			
15	16QAM	36	20	20.96	21.10	21.28									
15	16QAM	36	39	21.36	21.01	21.18					22	2			
15	16QAM	75	0	20.95	21.13	21.22									
15	64QAM	1	0	21.11	21.05	21.24					22	2			
15	64QAM	1	37	21.28	20.96	21.05									
15	64QAM	1	74	21.23	20.94	20.87					21	3			
15	64QAM	36	0	20.02	20.19	20.23									
15	64QAM	36	20	20.09	20.18	20.24					21	3			
15	64QAM	36	39	20.25	20.13	20.31									
15	64QAM	75	0	19.97	20.20	20.10					19	5			
15	256QAM	1	0	18.09	18.06	17.96									
15	256QAM	1	37	18.04	17.77	18.17					19	5			
15	256QAM	1	74	17.92	18.11	18.18									
15	256QAM	36	0	17.94	18.11	18.22					19	5			
15	256QAM	36	20	18.13	18.04	18.13									
15	256QAM	36	39	17.91	18.05	17.93					19	5			
15	256QAM	75	0	18.07	18.12	18.14									
Channel				37800	38000	38200	38400	38600	38800	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2575	2595	2615									
10	QPSK	1	0	22.84	23.10	23.03					24	0			
10	QPSK	1	25	22.85	23.00	22.70									
10	QPSK	1	49	22.81	22.99	22.74					23	1			
10	QPSK	25	0	22.14	22.14	21.97									
10	QPSK	25	12	21.92	22.03	21.92					23	1			
10	QPSK	25	25	22.08	22.14	22.02									
10	QPSK	50	0	21.96	22.22	21.84					23	1			
10	16QAM	1	0	21.86	21.96	21.94									
10	16QAM	1	25	22.00	21.88	21.70					23	1			
10	16QAM	1	49	21.89	21.94	21.86									
10	16QAM	25	0	21.25	21.19	21.24					22	2			
10	16QAM	25	12	21.08	20.97	21.21									
10	16QAM	25	25	21.35	21.07	21.14					22	2			
10	16QAM	50	0	21.05	21.20	21.26									
10	64QAM	1	0	21.04	21.06	21.31					22	2			
10	64QAM	1	25	21.29	20.90	21.10									
10	64QAM	1	49	21.19	20.90	20.91					22	2			
10	64QAM	25	0	20.06	20.18	20.23									
10	64QAM	25	12	20.05	20.18	20.11					21	3			
10	64QAM	25	25	20.15	20.11	20.20									
10	64QAM	50	0	19.92	20.12	20.19					21	3			
10	256QAM	1	0	18.14	18.02	17.92									
10	256QAM	1	25	18.06	17.83	18.14					19	5			
10	256QAM	1	49	18.02	18.08	18.06									
10	256QAM	25	0	17.85	18.10	18.13					19	5			
10	256QAM	25	12	18.17	18.14	18.11									
10	256QAM	25	25	18.00	18.02	17.95					19	5			
10	256QAM	50	0	18.13	18.05	18.15									
Channel				37775	38000	38225	38450	38675	38900	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				2572.5	2595	2617.5									
5	QPSK	1	0	22.85	23.09	23.05					24	0			
5	QPSK	1	12	22.90	23.01	22.75									
5	QPSK	1	24	22.90	22.87	22.80					23	1			
5	QPSK	12	0	22.11	22.23	22.02									
5	QPSK	12	7	21.89	22.09	21.90					23	1			
5	QPSK	12	13	22.08	22.12	21.94									
5	QPSK	25	0	21.90	22.11	21.86					23	1			
5	16QAM	1	0	21.90	21.89	21.94									
5	16QAM	1	12	21.94	21.83	21.71					23	1			
5	16QAM	1	24	21.93	21.86	21.80									
5	16QAM	12	0	21.19	21.09	21.22					22	2			
5	16QAM	12	7	21.09	21.04	21.15									
5	16QAM	12	13	21.32	21.07	21.22					22	2			
5	16QAM	25	0	21.01	21.20	21.24									
5	64QAM	1	0	21.07	21.05	21.25					22	2			
5	64QAM	1	12	21.22	20.88	21.17									
5	64QAM	1	24	21.27	20.93	20.91					22	2			
5	64QAM	12	0	20.01	20.16	20.31									
5	64QAM	12	7	20.13	20.17	20.12					21	3			
5	64QAM	12	13	20.13	19.99	20.36									
5	64QAM	25	0	20.07	20.14	20.12					21	3			
5	256QAM	1	0	18.15	17.96	18.01									
5	256QAM	1	12	17.92	17.81	18.22					19	5			
5	256QAM	1	24	18.02	18.04	18.05									
5	256QAM	12	0	17.89	18.05	18.26					19	5			
5	256QAM	12	7	18.11	18.14	18.12									
5	256QAM	12	13	17.99	18.05	17.88					19	5			
5	256QAM	25	0	18.08	18.10	18.12									

LTE Band 42											
FCC (3.5GHz Band) (3550-3600MHz) Part 96											
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Low Ch / Freq (MHz)	Modulation	RB Size	RB Offset	Channel	High Ch / Freq (MHz)	Time-up limit (dBm)
Frequency (MHz)											
20	QPSK	1	0	22.60	22.70	22.59	24	0			
20	QPSK	1	49	22.67	22.68	22.68	24	0			
20	QPSK	1	99	22.64	22.65	22.65	24	0			
20	QPSK	50	0	21.68	21.85	21.62	23	1			
20	QPSK	50	24	21.73	21.85	21.68	23	1			
20	QPSK	50	50	21.81	21.76	21.54	23	1			
20	QPSK	100	0	21.67	21.72	21.68	23	1			
20	16QAM	1	0	21.30	21.56	21.30	23	1			
20	16QAM	1	49	21.63	21.57	21.71	23	1			
20	16QAM	1	99	21.66	21.58	21.66	23	1			
20	16QAM	50	0	20.73	20.66	20.67	22	2			
20	16QAM	50	24	20.52	20.77	20.70	22	2			
20	16QAM	50	50	20.86	20.50	20.72	22	2			
20	16QAM	100	0	20.53	20.56	20.56	22	2			
20	64QAM	1	0	20.70	20.73	20.79	22	2			
20	64QAM	1	49	20.86	20.83	20.86	22	2			
20	64QAM	1	99	20.83	20.89	20.89	22	2			
20	64QAM	50	0	19.78	19.68	19.55	21	3			
20	64QAM	50	24	19.86	19.62	19.73	21	3			
20	64QAM	50	50	19.74	19.72	19.59	21	3			
20	64QAM	100	0	19.61	19.72	19.62	21	3			
20	256QAM	1	0	17.73	17.68	17.77	19	5			
20	256QAM	1	49	17.81	17.72	17.48	19	5			
20	256QAM	1	99	17.84	17.57	17.95	19	5			
20	256QAM	50	0	17.82	17.75	17.78	19	5			
20	256QAM	50	24	17.62	17.79	17.59	19	5			
20	256QAM	50	50	17.61	17.61	17.70	19	5			
20	256QAM	100	0	17.67	17.72	17.73	19	5			
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.55	22.62	22.47	24	0			
15	QPSK	1	37	22.41	22.49	22.49	24	0			
15	QPSK	1	74	22.55	22.51	22.53	24	0			
15	QPSK	36	0	21.61	21.71	21.58	23	1			
15	QPSK	36	20	21.67	21.74	21.63	23	1			
15	QPSK	36	36	21.76	21.74	21.61	23	1			
15	QPSK	75	0	21.55	21.61	21.58	23	1			
15	16QAM	1	0	21.21	21.54	21.58	23	1			
15	16QAM	1	37	21.59	21.50	21.68	23	1			
15	16QAM	1	74	21.61	21.50	21.63	23	1			
15	16QAM	36	0	20.56	20.56	20.56	22	2			
15	16QAM	36	20	20.46	20.65	20.62	22	2			
15	16QAM	36	36	20.76	20.47	20.66	22	2			
15	16QAM	75	0	20.50	20.51	20.54	22	2			
15	64QAM	1	0	20.57	20.67	20.70	22	2			
15	64QAM	1	37	20.76	20.67	20.70	22	2			
15	64QAM	1	74	20.56	20.62	20.62	22	2			
15	64QAM	36	0	19.76	19.61	19.45	21	3			
15	64QAM	36	20	19.76	19.57	19.67	21	3			
15	64QAM	36	36	19.81	19.63	19.49	21	3			
15	64QAM	75	0	19.55	19.59	19.50	21	3			
15	256QAM	1	0	17.67	17.61	17.67	19	5			
15	256QAM	1	37	17.69	17.64	17.38	19	5			
15	256QAM	1	74	17.52	17.48	17.52	19	5			
15	256QAM	36	0	17.72	17.63	17.76	19	5			
15	256QAM	36	20	17.49	17.70	17.54	19	5			
15	256QAM	36	36	17.51	17.69	17.56	19	5			
15	256QAM	75	0	17.76	17.72	17.60	19	5			
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.55	22.65	22.51	24	0			
10	QPSK	1	25	22.37	22.50	22.51	24	0			
10	QPSK	1	50	22.55	22.56	22.56	24	0			
10	QPSK	25	0	21.55	21.73	21.58	23	1			
10	QPSK	25	12	21.61	21.73	21.43	23	1			
10	QPSK	25	25	21.77	21.70	21.47	23	1			
10	QPSK	50	0	21.62	21.63	21.62	23	1			
10	16QAM	1	0	21.26	21.46	21.46	23	1			
10	16QAM	1	25	21.58	21.50	21.58	23	1			
10	16QAM	1	49	21.58	21.52	21.53	23	1			
10	16QAM	25	0	20.68	20.57	20.60	22	2			
10	16QAM	25	12	20.47	20.63	20.62	22	2			
10	16QAM	25	25	20.77	20.38	20.62	22	2			
10	16QAM	50	0	20.56	20.50	20.47	22	2			
10	64QAM	1	0	20.61	20.63	20.72	22	2			
10	64QAM	1	25	20.79	20.70	20.53	22	2			
10	64QAM	1	49	20.56	20.62	20.76	22	2			
10	64QAM	25	0	19.66	19.55	19.43	21	3			
10	64QAM	25	12	19.84	19.58	19.70	21	3			
10	64QAM	25	25	19.70	19.60	19.48	21	3			
10	64QAM	50	0	19.86	19.68	19.48	21	3			
10	256QAM	1	0	17.68	17.62	17.65	19	5			
10	256QAM	1	25	17.73	17.67	17.44	19	5			
10	256QAM	1	49	17.60	17.49	17.51	19	5			
10	256QAM	25	0	17.73	17.68	17.73	19	5			
10	256QAM	25	12	17.49	17.68	17.48	19	5			
10	256QAM	25	25	17.50	17.57	17.58	19	5			
10	256QAM	50	0	17.73	17.65	17.61	19	5			
Channel											
Frequency (MHz)											
5	QPSK	1	0	22.48	22.61	22.48	24	0			
5	QPSK	1	12	22.44	22.50	22.49	24	0			
5	QPSK	1	24	22.35	22.50	22.48	24	0			
5	QPSK	12	0	21.78	21.72	21.57	23	1			
5	QPSK	12	7	21.67	21.73	21.49	23	1			
5	QPSK	12	13	21.77	21.70	21.48	23	1			
5	QPSK	25	0	21.54	21.55	21.50	23	1			
5	16QAM	1	0	21.27	21.48	21.60	23	1			
5	16QAM	1	12	21.52	21.51	21.58	23	1			
5	16QAM	1	24	21.56	21.51	21.61	23	1			
5	16QAM	12	0	20.68	20.53	20.54	22	2			
5	16QAM	12	7	20.49	20.70	20.64	22	2			
5	16QAM	12	13	20.78	20.46	20.58	22	2			
5	16QAM	25	0	20.56	20.48	20.50	22	2			
5	64QAM	1	0	20.66	20.66	20.67	22	2			
5	64QAM	1	12	20.81	20.73	20.64	22	2			
5	64QAM	1	24	20.55	20.77	20.70	22	2			
5	64QAM	12	0	19.68	19.58	19.47	21	3			
5	64QAM	12	7	19.77	19.51	19.64	21	3			
5	64QAM	12	13	19.55	19.61	19.49	21	3			
5	64QAM	25	0	19.54	19.68	19.57	21	3			
5	256QAM	1	0	17.59	17.61	17.72	19	5			
5	256QAM	1	12	17.76	17.58	17.43	19	5			
5	256QAM	1	24	17.58	17.43	17.43	19	5			
5	256QAM	12	0	17.69	17.64	17.74	19	5			
5	256QAM	12	7	17.57	17.75	17.53	19	5			
5	256QAM	12	13	17.48	17.57	17.63	19	5			
5	256QAM	25	0	17.80	17.63	17.63	19	5			

LTE Band 42 Ant6												
FCC (3.5GHz Band) (3450-3550MHz) Part 27Q												
BW (MHz)	Modulation	RB Size	RB Offset	Channel	Low Ch / Freq (MHz)	Modulation	RB Size	RB Offset	Channel	High Ch / Freq (MHz)	Time-up limit (dBm)	MPR (dB)
Frequency (MHz)												
20	QPSK	1	0	22.58	22.55	22.79	24	0				
20	QPSK	1	49	22.60	22.61	22.50	24	0				
20	QPSK	1	99	22.54	22.56	22.55	24	0				
20	QPSK	50	0	21.97	21.84	21.69	23	1				
20	QPSK	50	24	21.80	21.78	21.54	23	1				
20	QPSK	50	50	21.81	21.81	21.78	23	1				
20	QPSK	100	0	21.63	21.78	21.65	23	1				
20	16QAM	1	0	21.79	21.73	21.86	23	1				
20	16QAM	1	49	21.70	21.70	21.94	23	1				
20	16QAM	1	99	21.54	21.86	21.57	23	1				
20	16QAM	50	0	20.85	20.75	20.84	22	2				
20	16QAM	50	24	20.85	20.85	20.79	22	2				
20	16QAM	50	50	20.66	20.67	20.81	22	2				
20	16QAM	100	0	20.85	20.72	20.64	22	2				
20	16QAM	1	0	20.85	20.70	20.91	22	2				
20	16QAM	1	49	20.84	20.78	20.90	22	2				
20	16QAM	50	0	20.85	20.82	20.92	22	2				
20	16QAM	50	24	19.80	19.76	19.89	21	3				
20	16QAM	50	24	19.82	19.83	19.91	21	3				
20	16QAM	50	50	19.80	19.85	19.83	21	3				
20	16QAM	100	0	19.85	19.92	19.75	21	3				
20	16QAM	1	0	19.85	19.87	19.84	21	3				
20	256QAM	1	49	19.87	19.91	19.87	21	3				
20	256QAM	1	99	18.07	17.87	17.84	21	3				
20	256QAM	50	0	17.86	17.76	17.82	21	3				
20	256QAM	50	24	17.83	17.92	17.74	21	3				
20	256QAM	50	50	17.73	17.79	17.81	21	3				
20	256QAM	100	0	17.86	18.00	17.80	21	3				
20	256QAM	1	0	42.165	42.590	43.015	25	1				
20	256QAM	1	49	34.675	35.000	35.425	25	1				
Frequency (MHz)												
15	QPSK	1	0	22.93	22.93	22.70	24	0				
15	QPSK	1	37	22.76	22.63	22.77	24	0				
15	QPSK	1	75	22.59	22.59	22.76	24	0				
15	QPSK	35	0	21.74	21.79	21.65	23	1				
15	QPSK	35	20	21.63	21.70	21.42	23	1				
15	QPSK	35	39	21.74	21.76	21.53	23	1				
15	QPSK	75	0	21.66	21.65	21.58	23	1				
15	QPSK	1	0	21.69	21.64	21.73	23	1				
15	16QAM	1	0	21.63	21.54	21.67	23	1				
15	16QAM	1	74	21.84	21.79	21.81	23	1				
15	16QAM	35	0	20.71	20.74	20.74	23	1				
15	16QAM	35	20	20.66	20.68	20.73	23	1				
15	16QAM	35	39	20.61	20.63	20.67	23	1				
15	16QAM	75	0	20.72	20.73	20.76	23	1				
15	16QAM	1	0	20.72	20.54	20.85	23	1				
15	16QAM	1	37	20.73	20.73	20.62	22	2				
15	16QAM	1	74	20.87	20.72	20.53	22	2				
15	16QAM	35	0	19.66	19.66	19.81	21	3				
15	16QAM	35	20	19.48	19.72	19.75	21	3				
15	16QAM	35	39	19.66	19.76	19.48	21	3				
15	16QAM	75	0	19.80	19.86	19.59	21	3				
15	256QAM	1	0	17.85	17.85	17.70	19	5				
15	256QAM	1	37	17.87	17.81	17.89	19	5				
15	256QAM	1	74	17.70	17.77	17.80	19	5				
15	256QAM	35	0	17.73	17.66	17.67	19	5				
15	256QAM	35	20	17.72	17.78	17.56	19	5				
15	256QAM	35	39	17.58	17.77	17.65	19	5				
15	256QAM	75	0	17.91	17.93	17.88	19	5				
Frequency (MHz)												
10	QPSK	1	0	23.55	23.56	23.72	24	0				
10	QPSK	1	25	22.68	22.68	22.75	24	0				
10	QPSK	1	49	22.89	22.80	22.83	24	0				
10	QPSK	25	0	21.68	21.69	21.65	23	1				
10	QPSK	25	12	21.73	21.68	21.62	23	1				
10	QPSK	25	25	21.67	21.72	21.60	23	1				
10	QPSK	50	0	21.67	21.67	21.60	23	1				
10	16QAM	1	0	21.60	21.56	21.74	23	1				
10	16QAM	1	25	21.58	21.64	21.64	23	1				
10	16QAM	1	49	21.87	21.75	21.86	23	1				
10	16QAM	25	0	20.69	20.67	20.87	22	2				
10	16QAM	25	12	20.68	20.68	20.83	22	2				
10	16QAM	25	25	20.60	20.55	20.57	22	2				
10	16QAM	50	0	20.80	20.55	20.58	22	2				
10	16QAM	1	0	20.70	20.64	20.87	22	2				
10	16QAM	1	25	20.73	20.69	20.81	22	2				
10	16QAM	1	49	20.69	20.69	20.82	22	2				
10	16QAM	25	0	19.63	19.63	19.78	21	3				
10	16QAM	25	12	19.50	19.77	19.75	21	3				
10	16QAM	25	25	19.72	19.50	19.73	21	3				
10	16QAM	50	0	19.72	19.82	19.51	21	3				
10	256QAM	1	0	17.70	17.78	17.86	19	5				
10	256QAM	1	25	17.82	17.82	17.82	19	5				
10	256QAM	1	49	17.91	17.87	17.75	19	5				
10	256QAM	25	0	17.70	17.63	17.72	19	5				
10	256QAM	25	12	17.64	17.80	17.62	19	5				
10	256QAM	25	25	17.56	17.60	17.62	19	5				
10	256QAM	50	0	17.91	17.90	17.83	19	5				
Frequency (MHz)												
5	QPSK	1	0	22.90	22.91	22.72	24	0				
5	QPSK	1	12	22.81	22.66	22.82	24	0				
5	QPSK	1	24	22.87	22.54	22.85	24	0				
5	QPSK	12	0	21.63	21.70	21.63	23	1				
5	QPSK	12	13	21.60	21.68	21.43	23	1				
5	QPSK	25	0	21.74	21.65	21.47	23	1				
5	16QAM	1	0	21.59	21.68	21.70	23	1				
5	16QAM	1	12	21.52	21.52	21.76	23	1				
5	16QAM	1	24	21.52	21.52	21.82	23	1				
5	16QAM	12	0	20.60	20.57	20.86	22	2				
5	16QAM	12	7	20.70	20.62	20.77	22	2				
5	16QAM	12	13	20.51	20.51	20.65	22	2				
5	16QAM	25	0	20.76	20.61	20.50	22	2				
5	16QAM	1	0	20.73	20.70	20.87	22	2				
5	16QAM	1	12	20.64	20.64	20.82	22	2				
5	16QAM	1	24	20.65	20.68	20.82	22	2				
5	16QAM	12	0	19.70	19.67	19.71	21	3				
5	16QAM	12	7	19.55	19.70	19.86	21	3				
5	16QAM	12	13	19.62	19.62	19.64	21	3				
5	16QAM	25	0	17.85	17.83	17.94	19	5				
5	256QAM	1	0	17.76	17.80	17.89	19	5				
5	256QAM	1	12	17.91	17.78	17.74	19	5				
5	256QAM	1	24	17.92	17.78	17.76	19	5				
5	256QAM	12	0	17.77	17.84	17.76	19	5				
5	256QAM	12	7	17.69	17.83	17.82	19	5				
5	256QAM	12	13	17.69	17.75	17.82	19	5				
5	256QAM	25	0	17.76	17.76	17.80	19	5				

LTE Band 2 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Channel	Power Line 18000	Power Line 18000	Power Line 18000	Power Line 18000	Time-up (sec)	MPE (dB)
Frequency (MHz)										
20	QPSK	1	49	23.26	23.26	23.26	23.26	23.26	24.5	0
20	QPSK	1	99	23.28	23.28	23.28	23.28	23.28		
20	QPSK	30	12	22.26	22.26	22.26	22.26	22.26		
20	QPSK	50	24	22.48	22.42	22.42	22.42	22.42	23.5	1
20	QPSK	50	50	22.43	22.41	22.41	22.41	22.41		
20	QPSK	100	1	22.46	22.46	22.46	22.46	22.46		
20	16QAM	1	1	22.79	22.83	22.83	22.83	22.83		
20	16QAM	1	49	22.96	22.96	22.96	22.96	22.96	23.5	1
20	16QAM	30	24	22.97	22.97	22.98	22.98	22.98		
20	16QAM	50	5	21.36	21.42	21.32	21.32	21.32		
20	16QAM	50	24	21.44	21.27	21.39	21.39	21.39	22.5	2
20	16QAM	50	50	21.42	21.36	21.44	21.44	21.44		
20	16QAM	100	1	21.36	21.36	21.32	21.32	21.32		
20	64QAM	1	0	21.78	21.78	21.81	21.81	21.81		
20	64QAM	1	49	21.58	21.52	21.80	21.80	21.80	22.5	2
20	64QAM	30	4	21.78	21.78	21.81	21.81	21.81		
20	64QAM	50	0	20.42	20.48	20.42	20.42	20.42		
20	64QAM	50	24	20.39	20.32	20.37	20.37	20.37	21.5	3
20	64QAM	50	50	20.40	20.30	20.46	20.46	20.46		
20	64QAM	100	0	20.42	20.44	20.42	20.42	20.42		
20	256QAM	1	0	18.88	18.88	18.88	18.88	18.88		
20	256QAM	1	49	18.51	18.52	18.84	18.84	18.84	19.5	5
20	256QAM	1	99	18.46	18.72	18.37	18.37	18.37		
20	256QAM	30	1	18.43	18.45	18.34	18.34	18.34		
20	256QAM	50	4	18.38	18.38	18.44	18.44	18.44	19.5	5
20	256QAM	50	50	18.34	18.38	18.36	18.36	18.36		
20	256QAM	100	0	18.31	18.36	18.36	18.36	18.36		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.31	23.22	23.27	23.27	23.27	24.5	0
15	QPSK	1	49	23.31	23.26	23.30	23.30	23.30		
15	QPSK	1	74	23.31	23.18	23.39	23.39	23.39		
15	QPSK	30	0	22.23	22.49	22.29	22.29	22.29	23.5	1
15	QPSK	30	24	22.28	22.10	22.38	22.38	22.38		
15	QPSK	50	50	22.30	22.30	22.37	22.37	22.37		
15	QPSK	75	0	22.36	22.44	22.24	22.24	22.24		
15	16QAM	1	0	22.87	22.77	22.49	22.49	22.49		
15	16QAM	1	39	22.78	22.73	22.89	22.89	22.89	23.5	1
15	16QAM	1	74	22.82	22.79	22.84	22.84	22.84		
15	16QAM	30	0	22.84	22.84	22.81	22.81	22.81		
15	16QAM	50	20	21.25	21.15	21.26	21.26	21.26	22.5	2
15	16QAM	50	39	21.37	21.39	21.12	21.12	21.12		
15	16QAM	75	0	21.41	21.54	21.49	21.49	21.49		
15	64QAM	1	0	21.59	21.49	21.58	21.58	21.58		
15	64QAM	1	37	21.47	21.68	21.61	21.61	21.61	22.5	2
15	64QAM	1	74	21.70	21.49	21.80	21.80	21.80		
15	64QAM	30	0	20.25	20.26	20.26	20.26	20.26		
15	64QAM	30	20	20.26	20.30	20.42	20.42	20.42	21.5	3
15	64QAM	36	20	20.24	20.22	20.27	20.27	20.27		
15	64QAM	36	39	20.24	20.22	20.27	20.27	20.27		
15	64QAM	50	0	20.28	20.27	20.28	20.28	20.28		
15	256QAM	1	0	18.39	18.46	18.38	18.38	18.38		
15	256QAM	1	37	18.46	18.45	18.34	18.34	18.34	19.5	5
15	256QAM	1	74	18.39	18.37	18.46	18.46	18.46		
15	256QAM	36	0	18.32	18.36	18.25	18.25	18.25		
15	256QAM	36	20	18.14	18.38	18.33	18.33	18.33	19.5	5
15	256QAM	36	39	18.26	18.17	18.48	18.48	18.48		
15	256QAM	75	0	18.20	18.30	18.40	18.40	18.40		
Channel										
Frequency (MHz)										
10	QPSK	1	0	23.28	23.28	23.23	23.23	23.23	24.5	0
10	QPSK	1	25	23.24	23.31	23.25	23.25	23.25		
10	QPSK	49	0	23.28	23.28	23.23	23.23	23.23		
10	QPSK	25	0	22.31	22.40	22.30	22.30	22.30		
10	QPSK	25	12	22.39	22.24	22.23	22.23	22.23	23.5	1
10	QPSK	50	0	22.41	22.37	22.33	22.33	22.33		
10	16QAM	1	0	22.84	22.89	22.49	22.49	22.49		
10	16QAM	1	49	22.77	22.89	22.78	22.78	22.78	23.5	1
10	16QAM	25	0	21.24	21.22	21.27	21.27	21.27		
10	16QAM	25	12	21.25	21.10	21.29	21.29	21.29	22.5	2
10	16QAM	25	25	21.29	21.49	21.38	21.38	21.38		
10	16QAM	50	0	21.24	21.55	21.23	21.23	21.23		
10	64QAM	1	0	21.82	21.89	21.75	21.75	21.75	22.5	2
10	64QAM	1	25	21.45	21.53	21.45	21.45	21.45		
10	64QAM	1	49	21.80	21.51	21.77	21.77	21.77		
10	64QAM	25	0	20.34	20.34	20.27	20.27	20.27		
10	64QAM	25	12	20.28	20.47	20.45	20.45	20.45	21.5	3
10	64QAM	25	25	20.23	20.23	20.46	20.46	20.46		
10	64QAM	50	0	20.36	20.34	20.26	20.26	20.26		
10	256QAM	1	0	18.32	18.36	18.24	18.24	18.24		
10	256QAM	1	25	18.47	18.46	18.34	18.34	18.34	19.5	5
10	256QAM	1	49	18.41	18.53	18.42	18.42	18.42		
10	256QAM	1	74	18.36	18.32	18.38	18.38	18.38		
10	256QAM	25	12	18.36	18.40	18.36	18.36	18.36	19.5	5
10	256QAM	25	25	18.15	18.20	18.36	18.36	18.36		
10	256QAM	50	0	18.22	18.31	18.45	18.45	18.45		
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.28	23.28	23.23	23.23	23.23	24.5	0
3	QPSK	1	12	23.28	23.28	23.15	23.15	23.15		
3	QPSK	1	34	23.27	23.29	23.11	23.11	23.11		
3	QPSK	12	0	22.29	22.42	22.29	22.29	22.29	23.5	1
3	QPSK	12	13	22.29	22.34	22.34	22.34	22.34		
3	QPSK	25	0	22.47	22.37	22.29	22.29	22.29		
3	QPSK	5	0	22.83	22.76	22.80	22.80	22.80		
3	16QAM	1	12	22.79	22.78	22.82	22.82	22.82	23.5	1
3	16QAM	1	24	22.83	22.82	22.77	22.77	22.77		
3	16QAM	12	0	21.27	21.29	21.16	21.16	21.16		
3	16QAM	12	7	21.32	21.17	21.29	21.29	21.29	22.5	2
3	16QAM	12	13	21.24	21.45	21.18	21.18	21.18		
3	16QAM	25	0	21.25	21.53	21.27	21.27	21.27	22.5	2
3	64QAM	1	0	21.89	21.53	21.88	21.88	21.88		
3	64QAM	1	12	21.86	21.88	21.85	21.85	21.85		
3	64QAM	1	24	21.89	21.53	21.88	21.88	21.88	22.5	2
3	64QAM	12	0	20.38	20.31	20.31	20.31	20.31		
3	64QAM	12	7	20.30	20.55	20.41	20.41	20.41	21.5	3
3	64QAM	12	13	20.32	18.38	20.28	20.28	20.28		
3	256QAM	1	0	18.34	18.36	18.25	18.25	18.25		
3	256QAM	1	24	18.35	18.34	18.47	18.47	18.47	19.5	5
3	256QAM	12	0	18.37	18.24	18.30	18.30	18.30		
3	256QAM	12	13	18.39	18.36	18.31	18.31	18.31	19.5	5
3	256QAM	12	13	18.39	18.36	18.30	18.30	18.30		
3	256QAM	25	0	18.19	18.36	18.46	18.46	18.46		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	23.26	23.26	23.26	23.26	23.26	24.5	0
1.4	QPSK	1	3	23.27	23.30	23.12	23.12	23.12		
1.4	QPSK	3	0	22.41	22.41	22.47	22.47	22.47		
1.4	QPSK	3	23	23.25	23.25	23.24	23.24	23.24	24.5	0
1.4	QPSK	3	1	23.26	23.21	23.19	23.19	23.19		
1.4	QPSK	5	0	22.34	22.31	22.34	22.34	22.34	23.5	1
1.4	QPSK	5	0	22.30	22.37	22.37	22.37	22.37		
1.4	QPSK	15	0	22.41	22.48	22.28	22.28	22.28		
1.4	16QAM	1	0	22.86	22.72	22.84	22.84	22.84	23.5	1
1.4										

LTE Band 12 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Low Ch. Freq. (MHz)	Time-up (min)	Time-down (min)	MFR (dB)
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.05	24.10	24.15	24.00	25	0	
10	QPSK	1	25	23.84	24.05	23.86	24.00	25	0	
10	QPSK	1	40	23.84	23.92	23.83	23.80	25	0	
10	QPSK	25	0	23.12	23.10	23.14	23.10	24	1	
10	QPSK	25	12	22.97	23.01	22.92	22.90	24	1	
10	QPSK	25	25	23.03	23.06	23.05	23.00	24	1	
10	QPSK	100	0	22.00	22.00	22.00	22.00	23	2	
10	QPSK	1	0	23.14	23.11	23.11	23.10	24	1	
10	QPSK	1	25	23.31	23.27	23.17	23.10	24	1	
10	QPSK	1	40	23.13	23.21	23.10	23.10	24	1	
10	QPSK	25	0	23.04	23.08	23.05	23.00	23	2	
10	QPSK	25	12	22.20	22.16	22.17	22.10	23	2	
10	QPSK	25	25	22.14	22.18	22.17	22.10	23	2	
10	QPSK	100	0	22.00	22.00	22.00	22.00	23	2	
10	QPSK	1	0	22.27	22.24	22.26	22.20	23	2	
10	QPSK	1	25	22.19	22.08	22.05	22.00	23	2	
10	QPSK	1	40	22.25	22.20	22.21	22.20	23	2	
10	QPSK	25	0	21.18	21.06	21.08	21.00	22	3	
10	QPSK	25	12	21.05	20.88	21.11	21.00	22	3	
10	QPSK	25	25	20.93	21.16	20.90	20.90	22	3	
10	QPSK	100	0	20.97	21.16	21.14	21.00	22	3	
10	QPSK	1	0	19.61	19.13	19.17	19.10	20	5	
10	QPSK	1	25	19.13	19.11	19.04	19.00	20	5	
10	QPSK	1	40	19.23	19.14	19.30	19.10	20	5	
10	QPSK	25	0	19.17	19.09	19.12	19.10	20	5	
10	QPSK	25	12	19.07	19.01	19.06	19.00	20	5	
10	QPSK	25	25	18.96	19.26	18.99	18.90	20	5	
10	QPSK	100	0	18.94	19.22	19.06	18.90	20	5	
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.88	23.84	23.87	23.80	25	0	
5	QPSK	1	25	23.72	23.84	23.81	23.80	25	0	
5	QPSK	1	40	23.78	23.79	23.72	23.70	25	0	
5	QPSK	12	0	22.85	22.10	22.86	22.10	24	1	
5	QPSK	12	13	22.85	22.09	22.79	22.00	24	1	
5	QPSK	25	0	22.77	22.08	22.88	22.00	24	1	
5	QPSK	1	0	22.03	22.19	22.07	22.00	24	1	
5	QPSK	1	12	22.08	22.19	22.12	22.10	24	1	
5	QPSK	1	24	22.07	22.15	22.36	22.10	24	1	
5	QPSK	12	13	22.07	22.08	22.05	22.00	23	2	
5	QPSK	1	0	21.03	21.91	21.70	21.70	23	2	
5	QPSK	12	13	21.07	21.86	21.97	21.80	23	2	
5	QPSK	25	0	21.01	21.86	21.92	21.80	23	2	
5	QPSK	1	0	20.11	20.08	20.02	20.00	22	3	
5	QPSK	1	24	20.15	20.23	20.16	20.10	22	3	
5	QPSK	12	0	20.02	20.08	20.04	20.00	22	3	
5	QPSK	12	13	20.05	20.06	20.00	20.00	22	3	
5	QPSK	25	0	20.03	20.01	20.06	20.00	22	3	
5	QPSK	1	0	19.84	19.02	19.05	19.00	20	5	
5	QPSK	1	12	19.84	19.03	19.00	19.00	20	5	
5	QPSK	1	24	19.14	19.07	19.00	19.00	20	5	
5	QPSK	12	0	19.03	19.02	19.07	19.00	20	5	
5	QPSK	12	13	19.03	19.08	19.08	19.00	20	5	
5	QPSK	12	25	18.97	19.16	19.00	19.00	20	5	
5	QPSK	25	0	19.74	19.16	19.00	19.00	20	5	
Channel										
Frequency (MHz)										
3	QPSK	1	0	23.99	23.90	23.85	23.80	25	0	
3	QPSK	1	8	23.83	23.84	23.79	23.70	25	0	
3	QPSK	1	14	23.77	23.72	23.70	23.70	25	0	
3	QPSK	8	0	23.02	23.04	23.06	23.00	24	1	
3	QPSK	8	4	23.02	23.03	23.04	23.00	24	1	
3	QPSK	8	12	23.08	23.01	23.00	23.00	24	1	
3	QPSK	15	0	22.82	22.84	22.75	22.70	24	1	
3	QPSK	1	0	22.03	22.23	22.02	22.00	24	1	
3	QPSK	8	0	22.03	22.02	22.04	22.00	24	1	
3	QPSK	1	14	22.08	22.11	22.30	22.30	24	1	
3	QPSK	8	0	21.83	21.80	21.91	21.90	23	2	
3	QPSK	8	4	21.83	21.86	21.87	21.80	23	2	
3	QPSK	8	7	22.00	21.84	21.96	21.90	23	2	
3	QPSK	15	0	21.59	21.59	21.84	21.80	23	2	
3	QPSK	1	0	20.23	20.16	20.19	20.10	22	3	
3	QPSK	8	0	20.13	20.09	20.09	20.00	22	3	
3	QPSK	8	7	20.74	21.07	20.83	20.80	22	3	
3	QPSK	15	0	20.85	20.13	21.02	21.00	22	3	
3	QPSK	1	0	19.84	19.06	19.11	19.10	20	5	
3	QPSK	1	14	19.03	19.03	19.13	19.10	20	5	
3	QPSK	1	13	19.02	19.03	19.04	19.00	20	5	
3	QPSK	8	4	18.85	18.86	18.81	18.80	20	5	
3	QPSK	8	7	18.85	18.20	18.84	18.80	20	5	
3	QPSK	15	0	18.77	18.97	18.97	18.90	20	5	
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	24.03	24.06	24.04	24.00	25	0	
1.4	QPSK	1	5	23.86	23.97	23.73	23.70	25	0	
1.4	QPSK	1	5	23.71	23.81	23.87	23.80	25	0	
1.4	QPSK	1	5	23.87	23.97	23.83	23.80	25	0	
1.4	QPSK	3	1	23.76	23.89	23.82	23.80	24	1	
1.4	QPSK	3	3	23.70	23.83	23.75	23.70	24	1	
1.4	QPSK	6	0	22.91	22.97	22.86	22.80	24	1	
1.4	QPSK	1	0	22.04	22.78	22.78	22.70	24	1	
1.4	QPSK	1	3	22.93	22.87	22.83	22.80	24	1	
1.4	QPSK	1	5	22.75	22.83	22.88	22.80	24	1	
1.4	QPSK	3	0	22.96	23.18	22.91	22.90	23	2	
1.4	QPSK	3	1	23.18	23.09	22.94	22.90	23	2	
1.4	QPSK	3	1	22.97	22.94	23.17	23.10	23	2	
1.4	QPSK	6	0	21.78	21.84	21.73	21.70	23	2	
1.4	QPSK	1	0	21.96	21.72	21.59	21.50	23	2	
1.4	QPSK	1	3	22.02	21.83	21.86	21.80	23	2	
1.4	QPSK	1	5	21.82	21.81	21.79	21.70	23	2	
1.4	QPSK	3	0	22.13	22.10	22.00	22.00	22	3	
1.4	QPSK	3	1	22.02	22.80	22.98	22.90	22	3	
1.4	QPSK	3	3	21.84	22.12	22.08	22.00	22	3	
1.4	QPSK	6	0	20.87	20.77	20.72	20.70	22	3	
1.4	QPSK	1	0	19.90	19.04	19.99	19.90	20	5	
1.4	QPSK	3	0	19.08	19.03	19.07	19.00	20	5	
1.4	QPSK	1	5	19.19	19.00	19.14	19.10	20	5	
1.4	QPSK	3	0	18.83	18.96	19.03	19.00	20	5	
1.4	QPSK	3	3	18.95	18.97	19.00	19.00	20	5	
1.4	QPSK	3	3	18.92	19.07	19.03	19.00	20	5	
1.4	QPSK	5	0	18.76	19.09	19.00	19.00	20	5	

LTE Band 13 Ant1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. Freq. (MHz)	Power Line Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Low Ch. Freq. (MHz)	Time-up (min)	Time-down (min)	MFR (dB)
Channel										
Frequency (MHz)										
10	QPSK	1	0	24.11	24.11	24.11	24.10	25	0	
10	QPSK	1	25	24.02	24.02	24.02	24.00	25	0	
10	QPSK	1	40	23.79	23.79	23.79	23.70	24	1	
10	QPSK	25	0	23.13	23.13	23.13	23.10	24	1	
10	QPSK	25	12	22.99	22.99	22.99	22.90	24	1	
10	QPSK	25	25	22.99	22.99	22.99	22.90	24	1	
10	QPSK	100	0	22.00	22.00	22.00	22.00	24	1	
10	QPSK	1	0	23.14	23.14	23.14	23.10	24	1	
10	QPSK	1	25	23.21	23.21	23.21	23.20	24	1	
10	QPSK	1	40	23.04	23.04	23.04	23.00	23	2	
10	QPSK	25	0	22.14	22.14	22.14	22.10	23	2	
10	QPSK	25	12	22.11	22.11	22.11	22.10	23	2	
10	QPSK	25	25	22.11	22.11	22.11	22.10	23	2	

LTE Band 26 An1										
SW (MHz)	Modulation	RB Size	RB Offset	Power Line	Power Margin	Power High	Power Low	Power High	Power Low	Power High
Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel	Channel
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
15	QPSK	1	0	23.28	23.28	23.28	23.28	23.28	23.28	23.28
15	QPSK	1	37	23.33	23.33	23.33	23.33	23.33	23.33	23.33
15	QPSK	1	74	23.34	23.34	23.34	23.34	23.34	23.34	23.34
15	QPSK	8	0	23.36	23.36	23.36	23.36	23.36	23.36	23.36
15	QPSK	36	0	23.74	23.74	23.74	23.74	23.74	23.74	23.74
15	QPSK	36	36	23.84	23.84	23.84	23.84	23.84	23.84	23.84
15	QPSK	72	0	23.86	23.86	23.86	23.86	23.86	23.86	23.86
15	16QAM	1	0	23.79	23.79	23.79	23.79	23.79	23.79	23.79
15	16QAM	1	37	23.71	23.71	23.71	23.71	23.71	23.71	23.71
15	16QAM	8	0	23.80	23.80	23.80	23.80	23.80	23.80	23.80
15	16QAM	36	0	23.87	23.87	23.87	23.87	23.87	23.87	23.87
15	16QAM	36	36	23.91	23.91	23.91	23.91	23.91	23.91	23.91
15	16QAM	72	0	23.92	23.92	23.92	23.92	23.92	23.92	23.92
15	16QAM	72	36	23.94	23.94	23.94	23.94	23.94	23.94	23.94
15	16QAM	144	0	23.96	23.96	23.96	23.96	23.96	23.96	23.96
15	16QAM	144	36	23.98	23.98	23.98	23.98	23.98	23.98	23.98
15	16QAM	144	72	23.99	23.99	23.99	23.99	23.99	23.99	23.99
15	16QAM	144	108	24.00	24.00	24.00	24.00	24.00	24.00	24.00
15	16QAM	144	144	24.01	24.01	24.01	24.01	24.01	24.01	24.01
15	16QAM	144	180	24.02	24.02	24.02	24.02	24.02	24.02	24.02
15	16QAM	144	216	24.03	24.03	24.03	24.03	24.03	24.03	24.03
15	16QAM	144	252	24.04	24.04	24.04	24.04	24.04	24.04	24.04
15	16QAM	144	288	24.05	24.05	24.05	24.05	24.05	24.05	24.05
15	16QAM	144	324	24.06	24.06	24.06	24.06	24.06	24.06	24.06
15	16QAM	144	360	24.07	24.07	24.07	24.07	24.07	24.07	24.07
15	16QAM	144	396	24.08	24.08	24.08	24.08	24.08	24.08	24.08
15	16QAM	144	432	24.09	24.09	24.09	24.09	24.09	24.09	24.09
15	16QAM	144	468	24.10	24.10	24.10	24.10	24.10	24.10	24.10
15	16QAM	144	504	24.11	24.11	24.11	24.11	24.11	24.11	24.11
15	16QAM	144	540	24.12	24.12	24.12	24.12	24.12	24.12	24.12
15	16QAM	144	576	24.13	24.13	24.13	24.13	24.13	24.13	24.13
15	16QAM	144	612	24.14	24.14	24.14	24.14	24.14	24.14	24.14
15	16QAM	144	648	24.15	24.15	24.15	24.15	24.15	24.15	24.15
15	16QAM	144	684	24.16	24.16	24.16	24.16	24.16	24.16	24.16
15	16QAM	144	720	24.17	24.17	24.17	24.17	24.17	24.17	24.17
15	16QAM	144	756	24.18	24.18	24.18	24.18	24.18	24.18	24.18
15	16QAM	144	792	24.19	24.19	24.19	24.19	24.19	24.19	24.19
15	16QAM	144	828	24.20	24.20	24.20	24.20	24.20	24.20	24.20
15	16QAM	144	864	24.21	24.21	24.21	24.21	24.21	24.21	24.21
15	16QAM	144	900	24.22	24.22	24.22	24.22	24.22	24.22	24.22
15	16QAM	144	936	24.23	24.23	24.23	24.23	24.23	24.23	24.23
15	16QAM	144	972	24.24	24.24	24.24	24.24	24.24	24.24	24.24
15	16QAM	144	1008	24.25	24.25	24.25	24.25	24.25	24.25	24.25
15	16QAM	144	1044	24.26	24.26	24.26	24.26	24.26	24.26	24.26
15	16QAM	144	1080	24.27	24.27	24.27	24.27	24.27	24.27	24.27
15	16QAM	144	1116	24.28	24.28	24.28	24.28	24.28	24.28	24.28
15	16QAM	144	1152	24.29	24.29	24.29	24.29	24.29	24.29	24.29
15	16QAM	144	1188	24.30	24.30	24.30	24.30	24.30	24.30	24.30
15	16QAM	144	1224	24.31	24.31	24.31	24.31	24.31	24.31	24.31
15	16QAM	144	1260	24.32	24.32	24.32	24.32	24.32	24.32	24.32
15	16QAM	144	1296	24.33	24.33	24.33	24.33	24.33	24.33	24.33
15	16QAM	144	1332	24.34	24.34	24.34	24.34	24.34	24.34	24.34
15	16QAM	144	1368	24.35	24.35	24.35	24.35	24.35	24.35	24.35
15	16QAM	144	1404	24.36	24.36	24.36	24.36	24.36	24.36	24.36
15	16QAM	144	1440	24.37	24.37	24.37	24.37	24.37	24.37	24.37
15	16QAM	144	1476	24.38	24.38	24.38	24.38	24.38	24.38	24.38
15	16QAM	144	1512	24.39	24.39	24.39	24.39	24.39	24.39	24.39
15	16QAM	144	1548	24.40	24.40	24.40	24.40	24.40	24.40	24.40
15	16QAM	144	1584	24.41	24.41	24.41	24.41	24.41	24.41	24.41
15	16QAM	144	1620	24.42	24.42	24.42	24.42	24.42	24.42	24.42
15	16QAM	144	1656	24.43	24.43	24.43	24.43	24.43	24.43	24.43
15	16QAM	144	1692	24.44	24.44	24.44	24.44	24.44	24.44	24.44
15	16QAM	144	1728	24.45	24.45	24.45	24.45	24.45	24.45	24.45
15	16QAM	144	1764	24.46	24.46	24.46	24.46	24.46	24.46	24.46
15	16QAM	144	1800	24.47	24.47	24.47	24.47	24.47	24.47	24.47
15	16QAM	144	1836	24.48	24.48	24.48	24.48	24.48	24.48	24.48
15	16QAM	144	1872	24.49	24.49	24.49	24.49	24.49	24.49	24.49
15	16QAM	144	1908	24.50	24.50	24.50	24.50	24.50	24.50	24.50
15	16QAM	144	1944	24.51	24.51	24.51	24.51	24.51	24.51	24.51
15	16QAM	144	1980	24.52	24.52	24.52	24.52	24.52	24.52	24.52
15	16QAM	144	2016	24.53	24.53	24.53	24.53	24.53	24.53	24.53
15	16QAM	144	2052	24.54	24.54	24.54	24.54	24.54	24.54	24.54
15	16QAM	144	2088	24.55	24.55	24.55	24.55	24.55	24.55	24.55
15	16QAM	144	2124	24.56	24.56	24.56	24.56	24.56	24.56	24.56
15	16QAM	144	2160	24.57	24.57	24.57	24.57	24.57	24.57	24.57
15	16QAM	144	2196	24.58	24.58	24.58	24.58	24.58	24.58	24.58
15	16QAM	144	2232	24.59	24.59	24.59	24.59	24.59	24.59	24.59
15	16QAM	144	2268	24.60	24.60	24.60	24.60	24.60	24.60	24.60
15	16QAM	144	2304	24.61	24.61	24.61	24.61	24.61	24.61	24.61
15	16QAM	144	2340	24.62	24.62	24.62	24.62	24.62	24.62	24.62
15	16QAM	144	2376	24.63	24.63	24.63	24.63	24.63	24.63	24.63
15	16QAM	144	2412	24.64	24.64	24.64	24.64	24.64	24.64	24.64
15	16QAM	144	2448	24.65	24.65	24.65	24.65	24.65	24.65	24.65
15	16QAM	144	2484	24.66	24.66	24.66	24.66	24.66	24.66	24.66
15	16QAM	144	2520	24.67	24.67	24.67	24.67	24.67	24.67	24.67
15	16QAM	144	2556	24.68	24.68	24.68	24.68	24.68	24.68	24.68
15	16QAM	144	2592	24.69	24.69	24.69	24.69	24.69	24.69	24.69
15	16QAM	144	2628	24.70	24.70	24.70	24.70	24.70	24.70	24.70
15	16QAM	144	2664	24.71	24.71	24.71	24.71	24.71	24.71	24.71
15	16QAM	144	2700	24.72	24.72	24.72	24.72	24.72	24.72	24.72
15	16QAM	144	2736	24.73	24.73	24.73	24.73	24.73	24.73	24.73
15	16QAM	144	2772	24.74	24.74	24.74	24.74	24.74	24.74	24.74
15	16QAM	144	2808	24.75	24.75	24.75	24.75	24.75	24.75	24.75
15	16QAM	144	2844	24.76	24.76	24.76	24.76	24.76	24.76	24.76
15	16QAM	144	2880	24.77	24.77	24.77	24.77	24.77	24.77	24.77
15	16QAM	144	2916	24.78	24.78	24.78	24.78	24.78	24.78	24.78
15	16QAM	144	2952	24.79	24.79	24.79	24.79	24.79	24.79	24.79
15	16QAM	144	2988	24.80	24.80	24.80	24.80	24.80	24.80	24.80
15	16QAM	144	3024	24.81	24.81	24.81	24.81	24.81	24.81	24.81
15	16QAM	144	3060	24.82	24.82	24.82	24.82	24.82	24.82	24.82
15	16QAM	144	3096	24.83	24.83	24.83	24.83	24.83	24.83	24.83
15	16QAM	144	3132	24.84	24.84	24.84	24.84	24.84	24.84	24.84
15	16QAM	144	3168	24.85	24.85	24.85	24.85	24.85	24.85	24.85
15	16QAM	144	3204	24.86	24.86	24.86	24.86	24.86	24.86	24.86
15	16QAM	144	3240	24.87	24.87	24.87	24.87	24.87	24.87	24.87
15	16QAM	144	3276	24.88	24.88	24.88	24.88	24.88	24.88	24.88
15	16QAM	144	3312	24.89	24.89	24.89	24.89	24.89	24.89	24.89
15	16QAM	144	3348	24.90	24.90	24.90	24.90	24.90	24.90	24.90
15	16QAM	144	3384	24.91	24.91	24.91	24.91	24.91	24.91	24.91
15	16QAM	144	3420	24.92	24.92	24.92	24.92	24.		

LTE Band 7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /	Power Middle Ch. /	Power High Ch. /	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.10	22.21	22.17	23.5	0	
20	QPSK	1	49	22.05	22.14	21.94			
20	QPSK	1	99	22.12	22.19	22.14			
20	QPSK	50	0	21.36	21.53	21.49	22.5	1	
20	QPSK	50	24	21.43	21.45	21.18			
20	QPSK	50	50	21.35	21.48	21.47			
20	QPSK	100	0	21.33	21.47	21.27	22.5	1	
20	16QAM	1	0	21.48	21.68	21.52			
20	16QAM	1	49	21.63	21.83	21.71			
20	16QAM	1	99	21.72	21.83	21.76	21.5	2	
20	16QAM	50	0	20.56	20.53	20.44			
20	16QAM	50	24	20.49	20.66	20.36			
20	16QAM	50	50	20.68	20.67	20.62	21.5	2	
20	16QAM	100	0	20.53	20.53	20.37			
20	64QAM	1	0	20.83	20.68	20.71	21.5	2	
20	64QAM	1	49	20.58	20.61	20.82			
20	64QAM	1	99	20.53	20.51	20.85			
20	64QAM	50	0	19.51	19.56	19.55	20.5	3	
20	64QAM	50	24	19.56	19.73	19.58			
20	64QAM	50	50	19.64	19.41	19.70			
20	64QAM	100	0	19.45	19.49	19.56	18.5	5	
20	256QAM	1	0	17.62	17.67	17.76			
20	256QAM	1	49	17.75	17.54	17.73			
20	256QAM	1	99	17.57	17.56	17.74	18.5	5	
20	256QAM	50	0	17.66	17.51	17.53			
20	256QAM	50	24	17.43	17.44	17.45			
20	256QAM	50	50	17.46	17.58	17.59	17.39		
20	256QAM	100	0	17.39	17.65	17.64			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	22.02	22.11	22.12	23.5	0	
15	QPSK	1	37	21.93	21.96	21.78			
15	QPSK	1	74	22.01	22.12	22.01			
15	QPSK	36	0	21.24	21.41	21.37	22.5	1	
15	QPSK	36	20	21.29	21.31	21.04			
15	QPSK	36	39	21.25	21.39	21.31			
15	QPSK	75	0	21.17	21.40	21.17	22.5	1	
15	16QAM	1	0	21.44	21.60	21.33			
15	16QAM	1	37	21.58	21.66	21.64			
15	16QAM	1	74	21.52	21.67	21.60	21.5	2	
15	16QAM	36	0	20.37	20.40	20.25			
15	16QAM	36	20	20.39	20.54	20.29			
15	16QAM	36	39	20.54	20.62	20.54	21.5	2	
15	16QAM	75	0	20.45	20.35	20.17			
15	64QAM	1	0	20.73	20.53	20.58	21.5	2	
15	64QAM	1	37	20.42	20.53	20.66			
15	64QAM	1	74	20.37	20.36	20.74			
15	64QAM	36	0	19.42	19.40	19.42	20.5	3	
15	64QAM	36	20	19.41	19.61	19.40			
15	64QAM	36	39	19.60	19.23	19.54			
15	64QAM	75	0	19.28	19.38	19.40	18.5	5	
15	256QAM	1	0	17.45	17.51	17.72			
15	256QAM	1	37	17.70	17.49	17.59			
15	256QAM	1	74	17.48	17.43	17.63	18.5	5	
15	256QAM	36	0	17.49	17.34	17.39			
15	256QAM	36	20	17.30	17.34	17.27			
15	256QAM	36	39	17.34	17.44	17.49	17.28		
15	256QAM	75	0	17.28	17.57	17.48			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.92	22.13	22.05	23.5	0	
10	QPSK	1	25	21.95	22.01	21.85			
10	QPSK	1	49	21.96	22.12	22.01			
10	QPSK	25	0	21.31	21.43	21.32	22.5	1	
10	QPSK	25	12	21.23	21.29	21.13			
10	QPSK	25	25	21.23	21.38	21.40			
10	QPSK	50	0	21.25	21.27	21.16	22.5	1	
10	16QAM	1	0	21.41	21.57	21.45			
10	16QAM	1	25	21.43	21.78	21.64			
10	16QAM	1	49	21.60	21.72	21.56	21.5	2	
10	16QAM	25	0	20.49	20.34	20.28			
10	16QAM	25	12	20.38	20.55	20.29			
10	16QAM	25	25	20.57	20.52	20.55	21.5	2	
10	16QAM	50	0	20.45	20.46	20.28			
10	64QAM	1	0	20.78	20.56	20.58			
10	64QAM	1	25	20.46	20.56	20.70	20.5	3	
10	64QAM	1	49	20.34	20.37	20.80			
10	64QAM	25	0	19.36	19.38	19.46			
10	64QAM	25	12	19.50	19.56	19.41	18.5	5	
10	64QAM	25	25	19.53	19.36	19.61			
10	64QAM	50	0	19.28	19.41	19.45			
10	256QAM	1	0	17.48	17.48	17.57	18.5	5	
10	256QAM	1	25	17.66	17.47	17.56			
10	256QAM	1	49	17.44	17.40	17.57			
10	256QAM	25	0	17.46	17.37	17.40	18.5	5	
10	256QAM	25	12	17.36	17.29	17.33			
10	256QAM	25	25	17.28	17.46	17.39			
10	256QAM	50	0	17.20	17.52	17.47	2077.5		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.91	22.14	22.06	23.5	0	
5	QPSK	1	12	21.98	21.99	21.77			
5	QPSK	1	24	22.08	22.10	22.05			
5	QPSK	12	0	21.24	21.34	21.29	22.5	1	
5	QPSK	12	7	21.31	21.28	21.02			
5	QPSK	12	13	21.30	21.38	21.42			
5	QPSK	25	0	21.28	21.39	21.21	22.5	1	
5	16QAM	1	0	21.34	21.48	21.40			
5	16QAM	1	12	21.57	21.73	21.64			
5	16QAM	1	24	21.67	21.68	21.68	21.5	2	
5	16QAM	12	0	20.38	20.40	20.27			
5	16QAM	12	7	20.34	20.54	20.27			
5	16QAM	12	13	20.61	20.62	20.56	21.5	2	
5	16QAM	25	0	20.41	20.38	20.19			
5	64QAM	1	0	20.68	20.56	20.59			
5	64QAM	1	12	20.49	20.46	20.77	20.5	3	
5	64QAM	1	24	20.34	20.38	20.75			
5	64QAM	12	0	19.44	19.50	19.47			
5	64QAM	12	7	19.38	19.53	19.52	18.5	5	
5	64QAM	12	13	19.46	19.34	19.51			
5	64QAM	25	0	19.33	19.42	19.52			
5	256QAM	1	0	17.57	17.47	17.68	17.22		
5	256QAM	1	12	17.65	17.37	17.67			
5	256QAM	1	24	17.52	17.51	17.68			
5	256QAM	12	0	17.58	17.41	17.39			
5	256QAM	12	7	17.24	17.34	17.36	17.22		
5	256QAM	12	13	17.40	17.53	17.48			
5	256QAM	25	0	17.22	17.52	17.49			

LTE Band 2 Ant4 For ENDC											LTE Band 4 Ant4 For ENDC											LTE Band 25 Ant4 For ENDC											LTE Band 66 Ant4 For ENDC																
SV Band	Modulation	RB Size	RB Offset	Power Max Ch./ 100MHz	Power Min Ch./ 100MHz	Power Avg Ch./ 100MHz	Time Slot (ms)	MFR (MHz)	0	1	SV Band	Modulation	RB Size	RB Offset	Power Max Ch./ 100MHz	Power Min Ch./ 100MHz	Power Avg Ch./ 100MHz	Time Slot (ms)	MFR (MHz)	0	1	SV Band	Modulation	RB Size	RB Offset	Power Max Ch./ 100MHz	Power Min Ch./ 100MHz	Power Avg Ch./ 100MHz	Time Slot (ms)	MFR (MHz)	0	1	SV Band	Modulation	RB Size	RB Offset	Power Max Ch./ 100MHz	Power Min Ch./ 100MHz	Power Avg Ch./ 100MHz	Time Slot (ms)	MFR (MHz)								
Channel											Channel											Channel											Channel																
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)																
20	QPSK	1	0	23.33	23.36	23.41					20	QPSK	1	0	23.37	23.37	23.51						20	QPSK	1	0	23.41	23.38	23.38				20	QPSK	1	0	23.75	23.51	23.59										
20	QPSK	1	49	23.15	23.42	23.31					20	QPSK	1	49	23.49	23.49	23.39							20	QPSK	1	49	23.49	23.39	23.39				20	QPSK	1	49	23.68	23.72	23.73									
20	QPSK	1	98	23.33	23.42	23.31					20	QPSK	1	98	23.56	23.51	23.39							20	QPSK	1	98	23.56	23.51	23.39				20	QPSK	1	98	23.81	23.76	23.68									
20	QPSK	50	0	22.45	22.61	22.60					20	QPSK	50	0	22.68	22.67	22.69							20	QPSK	50	0	22.65	22.63	22.64				20	QPSK	50	0	22.60	22.76	22.61									
20	QPSK	50	24	22.36	22.58	22.40					20	QPSK	50	24	22.41	22.76	22.62							20	QPSK	50	24	22.54	22.59	22.54				20	QPSK	50	24	22.42	22.75	22.47									
20	QPSK	50	49	22.53	22.55	22.54					20	QPSK	50	49	22.57	22.61	22.57							20	QPSK	50	49	22.57	22.61	22.57				20	QPSK	50	49	22.58	22.76	22.57									
20	QPSK	100	0	22.36	22.37	22.50					20	QPSK	100	0	22.79	22.90	22.58							20	QPSK	100	0	22.59	22.61	22.53				20	QPSK	100	0	22.49	22.73	22.47									
20	16QAM	1	0	22.97	23.01	22.73					20	16QAM	1	0	23.06	23.00	22.75							20	16QAM	1	0	22.64	22.62	22.58				20	16QAM	1	0	22.69	22.66	22.61									
20	16QAM	50	0	22.13	22.12	22.10					20	16QAM	50	0	22.08	22.08	22.10							20	16QAM	50	0	22.78	22.83	22.84				20	16QAM	50	0	23.14	23.14	23.14									
20	16QAM	50	24	22.30	22.11	22.38					20	16QAM	50	24	22.31	22.11	22.30							20	16QAM	50	24	22.30	22.70	22.31				20	16QAM	50	24	22.30	22.17	22.13									
20	16QAM	50	49	21.26	21.46	21.47					20	16QAM	50	49	21.30	21.30	22.03							20	16QAM	50	49	21.80	21.62	21.77				20	16QAM	50	49	21.62	21.79	21.73									
20	16QAM	100	0	21.45	21.44	21.42					20	16QAM	100	0	21.76	21.76	21.69							20	16QAM	100	0	21.54	21.71	21.61				20	16QAM	100	0	21.72	21.66	21.65									
20	16QAM	100	0	21.33	21.29	21.52					20	16QAM	100	0	21.33	21.40	21.61							20	16QAM	100	0	21.79	21.71	21.60				20	16QAM	100	0	21.70	21.60	21.60									
20	64QAM	1	0	21.32	21.44	21.38					20	64QAM	1	0	21.26	22.04	21.21							20	64QAM	1	0	21.88	21.82	21.78				20	64QAM	1	0	22.08	22.01	21.86									
20	64QAM	50	0	21.32	21.38	21.39					20	64QAM	50	0	21.32	21.38	21.39							20	64QAM	50	0	21.32	21.38	21.39				20	64QAM	50	0	21.32	21.38	21.39									
20	64QAM	1	49	21.52	21.48	21.49					20	64QAM	1	49	21.57	21.56	21.56							20	64QAM	1	49	21.57	21.52	21.57				20	64QAM	1	49	21.59	22.05	21.97									
20	64QAM	1	99	21.34	21.80	21.37					20	64QAM	1	99	21.31	21.31	21.87							20	64QAM	1	99	21.74	21.95	21.92				20	64QAM	1	99	22.03	22.18	21.94									
20	64QAM	50	0	20.70	20.59	20.69					20	64QAM	50	0	20.65	20.69	21.04							20	64QAM	50	0	20.71	20.57	20.43				20	64QAM	50	0	20.60	20.61	20.64									
20	64QAM	50	24	20.78	20.57	20.54					20	64QAM	50	24	20.74	20.55	20.52							20	64QAM	50	24	20.65	20.50	20.46				20	64QAM	50	24	20.55	20.50	20.54									
20	64QAM	50	49	20.39	20.35	20.39					20	64QAM	50	49	20.30	20.76	20.34							20	64QAM	50	49	20.39	20.40	20.33				20	64QAM	50	49	20.33	20.73	20.70									
20	64QAM	100	0	20.75	20.53	20.75					20	64QAM	100	0	20.74	20.81	21.00							20	64QAM	100	0	20.59	20.42	20.73				20	64QAM	100	0	20.66	20.66	20.62									
20	64QAM	100	0	20.73	20.67	20.69					20	64QAM	100	0	20.73	20.67	20.69							20	64QAM	100	0	20.69	20.67	20.69				20	64QAM	100	0	20.66	20.66	20.62									
20	256QAM	1	0	18.76	18.77	18.89					20	256QAM	1	0	18.58	18.71	18.54							20	256QAM	1	0	18.52	18.35	18.68				20	256QAM	1	0	18.47	18.59	18.78									
20	256QAM	1	49	18.74	18.70	18.62					20	256QAM	1	49	18.69	18.75	18.78							20	256QAM	1	49	18.64	18.71	18.62				20	256QAM	1	49	18.68	18.64	18.63									
20	256QAM	50	0	18.58	18.83	18.55					20	256QAM	50	0	18.51	18.88	18.75							20	256QAM	50	0	18.75	18.88	18.77				20	256QAM	50	0	18.65	18.82	18.82									
20	256QAM	50	24	18.48	18.73	18.53					20	256QAM	50	24	18.63	18.63	18.58							20	256QAM	50	24	18.63	18.63	18.58				20	256QAM	50	24	18.65	18.65	18.62									
20	256QAM	50	49	18.38	18.53	18.87					20	256QAM	50	49	18.38	18.53	18.87							20	256QAM	50	49	18.38	18.53	18.87				20	256QAM	50	49	18.38	18.53	18.87									
20	256QAM	100	0	18.78	18.73	18.65					20	256QAM	100	0	18.06	18.83	18.85							20	256QAM	100	0	18.80	18.80	18.64				20	256QAM	100	0	18.72	18.72	18.84									
Channel											Channel											Channel											Channel																
Frequency (MHz)											Frequency (MHz)											Frequency (MHz)											Frequency (MHz)																
15	QPSK	1	0	23.14	23.39	23.36					15	QPSK	1	0	23.42	23.34	23.41						15	QPSK	1	0	23.23	23.41	23.25				15	QPSK	1	0	23.63	23.62	23.51										
15	QPSK	1	49	23.08	23.14	23.10					15	QPSK	1	49	23.16	23.16	23.10							15	QPSK	1	49	23.16	23.16	23.10				15	QPSK	1	49	23.17	23.17	23.10									
15	QPSK	1	98	23.33	23.34	23.17					15	QPSK	1	98	23.74	23.63	23.28							15	QPSK	1	98	23.74	23.37	23.26				15	QPSK	1	98	23.61	23.81	23.61									
15	QPSK	36	0	22.38	22.46	22.44					15	QPSK	36	0	22.38	22.51	22.33																																

LTE Band 43 Ant6 (3.7GHz Band) for FCC use										
BW (MHz)	Modulation n	RB Size	RB Offset	Power Low Ch./I	Power Middle Ch./I	Power High Ch./I	Tune-up limit (dBm)	MPR (dB)		
Channel				44190	44590	44990				
Frequency (MHz)				3610	3650	3690				
20	QPSK	1	0	20.78	20.85	20.80	22	0		
20	QPSK	1	49	20.77	20.71	20.67				
20	QPSK	1	99	20.66	20.72	20.60				
20	QPSK	50	0	20.74	20.78	20.69	22	0		
20	QPSK	50	24	20.76	20.74	20.74				
20	QPSK	50	50	20.67	20.69	20.63				
20	QPSK	100	0	20.66	20.72	20.65	22	0		
20	16QAM	1	0	20.72	20.71	20.74				
20	16QAM	1	49	20.70	20.69	20.57				
20	16QAM	1	99	20.51	20.62	20.55	22	0		
20	16QAM	50	0	20.68	20.74	20.61				
20	16QAM	50	24	20.60	20.64	20.61				
20	16QAM	50	50	20.54	20.62	20.59	22	0		
20	16QAM	100	0	20.57	20.65	20.54				
20	64QAM	1	0	20.71	20.70	20.70				
20	64QAM	1	49	20.68	20.68	20.59	22	0		
20	64QAM	1	99	20.54	20.62	20.55				
20	64QAM	50	0	19.79	19.72	19.78				
20	64QAM	50	24	19.64	19.77	19.74	21	1		
20	64QAM	50	50	19.70	19.72	19.64				
20	64QAM	100	0	19.75	19.78	19.75				
20	256QAM	1	0	17.76	17.76	17.82	19	3		
20	256QAM	1	49	17.73	17.63	17.77				
20	256QAM	1	99	17.58	17.80	17.67				
20	256QAM	50	0	17.68	17.71	17.66	19	3		
20	256QAM	50	24	17.84	17.69	17.61				
20	256QAM	50	50	17.68	17.71	17.58				
20	256QAM	100	0	17.73	17.73	17.69				
Channel				44165	44590	45015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3607.5	3650	3692.5				
15	QPSK	1	0	20.76	20.77	20.73	22	0		
15	QPSK	1	37	20.67	20.75	20.76				
15	QPSK	1	74	20.62	20.71	20.61				
15	QPSK	36	0	20.75	20.81	20.64	22	0		
15	QPSK	36	20	20.67	20.78	20.74				
15	QPSK	36	39	20.64	20.72	20.71				
15	QPSK	75	0	20.68	20.73	20.69	22	0		
15	16QAM	1	0	20.71	20.67	20.72				
15	16QAM	1	37	20.61	20.69	20.61				
15	16QAM	1	74	20.59	20.61	20.50	22	0		
15	16QAM	36	0	20.69	20.76	20.64				
15	16QAM	36	20	20.56	20.73	20.54				
15	16QAM	36	39	20.57	20.65	20.68	22	0		
15	16QAM	75	0	20.58	20.70	20.49				
15	64QAM	1	0	20.72	20.71	20.67				
15	64QAM	1	37	20.65	20.71	20.68	22	0		
15	64QAM	1	74	20.51	20.59	20.51				
15	64QAM	36	0	19.74	19.75	19.81				
15	64QAM	36	20	19.68	19.78	19.65	21	1		
15	64QAM	36	39	19.66	19.68	19.63				
15	64QAM	75	0	19.75	19.77	19.64				
15	256QAM	1	0	17.72	17.76	17.72	19	3		
15	256QAM	1	37	17.72	17.72	17.67				
15	256QAM	1	74	17.68	17.70	17.61				
15	256QAM	36	0	17.71	17.77	17.77	19	3		
15	256QAM	36	20	17.73	17.75	17.63				
15	256QAM	36	39	17.74	17.70	17.64				
15	256QAM	75	0	17.67	17.74	17.68				
Channel				44140	44590	45040	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3605	3650	3695				
10	QPSK	1	0	20.79	20.77	20.77	22	0		
10	QPSK	1	25	20.67	20.69	20.72				
10	QPSK	1	49	20.65	20.73	20.65				
10	QPSK	25	0	20.81	20.81	20.70	22	0		
10	QPSK	25	12	20.72	20.69	20.70				
10	QPSK	25	25	20.67	20.78	20.69				
10	QPSK	50	0	20.63	20.72	20.68	22	0		
10	16QAM	1	0	20.71	20.74	20.73				
10	16QAM	1	25	20.64	20.71	20.62				
10	16QAM	1	49	20.56	20.55	20.49	22	0		
10	16QAM	25	0	20.68	20.77	20.62				
10	16QAM	25	12	20.54	20.67	20.53				
10	16QAM	25	25	20.61	20.58	20.63	22	0		
10	16QAM	50	0	20.51	20.61	20.54				
10	64QAM	1	0	20.73	20.74	20.70				
10	64QAM	1	25	20.65	20.64	20.60	22	0		
10	64QAM	1	49	20.47	20.68	20.56				
10	64QAM	25	0	19.74	19.73	19.83				
10	64QAM	25	12	19.66	19.73	19.72	21	1		
10	64QAM	25	25	19.74	19.74	19.64				
10	64QAM	50	0	19.85	19.79	19.75				
10	256QAM	1	0	17.78	17.76	17.74	19	3		
10	256QAM	1	25	17.70	17.71	17.71				
10	256QAM	1	49	17.60	17.80	17.64				
10	256QAM	25	0	17.75	17.74	17.73	19	3		
10	256QAM	25	12	17.77	17.76	17.69				
10	256QAM	25	25	17.73	17.67	17.67				
10	256QAM	50	0	17.76	17.74	17.66				
Channel				44115	44590	45065	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3602.5	3650	3697.5				
5	QPSK	1	0	20.82	20.82	20.73	22	0		
5	QPSK	1	12	20.73	20.77	20.76				
5	QPSK	1	24	20.62	20.75	20.61				
5	QPSK	12	0	20.79	20.84	20.70	22	0		
5	QPSK	12	7	20.69	20.68	20.65				
5	QPSK	12	13	20.65	20.72	20.69				
5	QPSK	25	0	20.67	20.70	20.62	22	0		
5	16QAM	1	0	20.72	20.67	20.69				
5	16QAM	1	12	20.67	20.67	20.58				
5	16QAM	1	24	20.53	20.61	20.58	22	0		
5	16QAM	12	0	20.69	20.81	20.60				
5	16QAM	12	7	20.63	20.67	20.55				
5	16QAM	12	13	20.54	20.67	20.69	22	0		
5	16QAM	25	0	20.58	20.59	20.48				
5	64QAM	1	0	20.71	20.64	20.64				
5	64QAM	1	12	20.61	20.68	20.65	22	0		
5	64QAM	1	24	20.53	20.63	20.59				
5	64QAM	12	0	19.75	19.76	19.82				
5	64QAM	12	7	19.70	19.77	19.73	21	1		
5	64QAM	12	13	19.73	19.68	19.69				
5	64QAM	25	0	19.73	19.78	19.69	21	3		
5	256QAM	1	0	17.78	17.74	17.78				
5	256QAM	1	12	17.71	17.74	17.73				
5	256QAM	1	24	17.68	17.73	17.57	19	3		
5	256QAM	12	0	17.77	17.71	17.69				
5	256QAM	12	7	17.83	17.70	17.67				
5	256QAM	12	13	17.67	17.73	17.60	19	3		
5	256QAM	25	0	17.65	17.82	17.64				

Full & Default Power

n2 Ant1									
BW [MHz]	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)				1960	1980	1990			
20	PV2 BPSK	1	1	23.51	23.67	23.65		24.5	0.0
20	PV2 BPSK	1	53	23.62	23.64	23.57			
20	PV2 BPSK	1	104	23.55	23.72	23.62			
20	PV2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5	
20	PV2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0	
20	PV2 BPSK	50	56	23.45	23.59	23.57	24.0	0.5	
20	PV2 BPSK	100	0	23.65	23.72	23.59		24.5	0.0
20	QPSK	1	1	23.74	23.60	23.79			
20	QPSK	1	53	23.66	23.70	23.64			
20	QPSK	1	104	23.71	23.76	23.67		23.5	1.0
20	QPSK	50	0	23.18	23.22	23.05	23.5		
20	QPSK	50	28	23.73	23.78	23.76	24.5		
20	QPSK	50	56	22.98	23.02	22.87	23.5	1.0	
20	QPSK	100	0	23.07	23.12	23.09		23.5	1.0
20	16QAM	1	1	23.25	23.39	23.24	23.5		
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5	
20	256QAM	1	1	19.74	19.89	19.81	20.0	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1860	1902.5	(dB)		
15	QPSK	1	1	23.59	23.60	23.65	24.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905	(dB)		
10	QPSK	1	1	23.68	23.69	23.63	24.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1860	1907.5	(dB)		
5	QPSK	1	1	23.69	23.68	23.71	24.5	0.0	

n5 Ant1									
BW [MHz]	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	PV2 BPSK	1	1	24.24	24.33	24.28		25.0	0.0
20	PV2 BPSK	1	53	24.27	24.32	24.18			
20	PV2 BPSK	1	104	24.12	24.21	24.09			
20	PV2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	PV2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	PV2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5	
20	PV2 BPSK	100	0	24.16	24.31	24.17		25.0	0.0
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26			
20	QPSK	1	104	24.17	24.27	24.16		24.0	1.0
20	QPSK	50	0	23.78	23.84	23.77	24.0		
20	QPSK	50	28	24.21	24.31	24.25	25.0		
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0	
20	QPSK	100	0	23.60	23.69	23.52		24.0	1.0
20	16QAM	1	1	23.89	23.97	23.94	24.0		
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5	
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dB)		
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0	
Channel				165800	167300	166500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				829	836.5	844	(dB)		
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0	
Channel				165300	167300	166900	Tune-up limit (dBm)	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dB)		
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0	

n14 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				158600					
Frequency (MHz)				793					
10	PV2 BPSK	1	1	24.09				25.0	0.0
10	PV2 BPSK	1	26	23.99					
10	PV2 BPSK	1	50	23.88					
10	PV2 BPSK	25	0	23.92			24.5	0.5	
10	PV2 BPSK	25	14	23.88			25.0	0.0	
10	PV2 BPSK	25	27	23.84			24.5	0.5	
10	PV2 BPSK	50	0	23.92				25.0	0.0
10	QPSK	1	1	24.10					
10	QPSK	1	26	23.94					
10	QPSK	1	50	23.96				24.0	1.0
10	QPSK	25	0	23.93			24.0		
10	QPSK	25	14	24.06			25.0		
10	QPSK	25	27	23.01			24.0	1.0	
10	QPSK	50	0	23.06			24.0	1.0	
10	16QAM	1	1	22.06			22.5	2.5	
10	64QAM	1	1	21.60			20.5	4.5	
10	256QAM	1	1	19.52			20.5	4.5	
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				790.5	793	795.5	(dB)		
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0	

n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	Pi/2 BPSK	1	1	23.74	23.80	23.61		24.5	0.0
40	Pi/2 BPSK	1	108	23.68	23.78	23.77			
40	Pi/2 BPSK	1	214	23.70	23.81	23.62			
40	Pi/2 BPSK	108	0	23.81	23.78	23.73	24.0	0.5	
40	Pi/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0	
40	Pi/2 BPSK	108	108	23.68	23.76	23.79		24.0	0.5
40	Pi/2 BPSK	216	0	23.72	23.83	23.72			
40	QPSK	1	1	23.70	23.86	23.77			
40	QPSK	1	108	23.85	23.81	23.70	24.5	0.0	
40	QPSK	1	214	23.77	23.85	23.79		23.5	1.0
40	QPSK	108	0	23.18	23.29	23.13	23.5		
40	QPSK	108	54	23.68	23.78	23.75	24.5		
40	QPSK	108	108	23.19	23.26	23.19		23.5	1.0
40	QPSK	216	0	23.22	23.36	23.20			
40	16QAM	1	1	23.49	23.46	23.40	23.5		
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5	
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5	
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	23.61	23.74	23.55	24.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	23.60	23.70	23.59	24.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	23.44	23.68	23.72		24.5	0.0
40	Pi/2 BPSK	1	108	23.38	23.65	23.44			
40	Pi/2 BPSK	1	214	23.40	23.62	23.58			
40	Pi/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	Pi/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	Pi/2 BPSK	108	108	23.63	23.72	23.58		24.0	0.5
40	Pi/2 BPSK	216	0	23.55	23.70	23.51			
40	QPSK	1	1	23.60	23.86	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.81	23.64		23.5	1.0
40	QPSK	108	0	22.97	23.18	23.17	23.5		
40	QPSK	108	54	23.73	23.86	23.63	24.5		
40	QPSK	108	108	22.83	23.06	22.83		23.5	1.0
40	QPSK	216	0	23.03	23.12	22.99			
40	16QAM	1	1	23.02	23.14	23.17	23.5		
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				345900	349000	352500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0	
Channel				345800	349000	353000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.81	23.54	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	Pi/2 BPSK	1	1	24.08	24.17	24.16		25.0	0.0
20	Pi/2 BPSK	1	53	24.11	24.14	24.17			
20	Pi/2 BPSK	1	104	23.18	23.26	23.16			
20	Pi/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	Pi/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	Pi/2 BPSK	50	56	24.03	24.09	24.11		24.5	0.5
20	Pi/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96		24.0	1.0
20	QPSK	50	0	23.50	23.63	23.55	24.0		
20	QPSK	50	28	24.14	24.18	23.97	25.0		
20	QPSK	50	56	23.28	23.25	23.15		24.0	1.0
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.15	23.19	23.09	24.0		
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133500	136100	138500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0	
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5	
40	PI/2 BPSK	216	0	22.59	22.75	22.60			
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.84	23.5	0.0	
40	QPSK	1	214	22.81	22.84	22.67	22.5	1.0	
40	QPSK	108	0	21.86	21.77	21.71			
40	QPSK	108	54	22.64	22.81	22.72			
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	510000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	22.82	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n2 Ant4 For END C									
BW [MHz]	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	Pi/2 BPSK	1	1	23.63	23.66	23.45			
20	Pi/2 BPSK	1	53	23.47	23.69	23.60	24.5	0.0	
20	Pi/2 BPSK	1	104	23.48	23.71	23.61			
20	Pi/2 BPSK	50	0	23.60	23.69	23.64	24.0	0.5	
20	Pi/2 BPSK	50	28	23.96	23.64	23.43	24.5	0.0	
20	Pi/2 BPSK	50	56	23.69	23.70	23.69			
20	Pi/2 BPSK	100	0	23.57	23.66	23.59	24.0	0.5	
20	QPSK	1	1	23.70	23.73	23.71			
20	QPSK	1	53	23.64	23.70	23.58	24.5	0.0	
20	QPSK	1	104	23.67	23.66	23.43			
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0	
20	QPSK	50	28	23.66	23.70	23.57	24.5	0.0	
20	QPSK	50	56	23.00	23.01	22.96			
20	QPSK	100	0	23.12	23.19	23.18	23.5	1.0	
20	16QAM	1	1	22.95	22.93	22.73	23.5	1.0	
20	64QAM	1	1	21.41	21.58	21.56	22.0	2.5	
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.53	23.63	23.55	24.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.64	23.57	23.64	24.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.51	23.67	23.62	24.5	0.0	

n25 Ant4 For END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pi/2 BPSK	1	1	23.54	23.68	23.55			
40	Pi/2 BPSK	1	108	23.51	23.72	23.56	24.5	0.0	
40	Pi/2 BPSK	1	214	23.66	23.69	23.50			
40	Pi/2 BPSK	108	0	23.40	23.63	23.58	24.0	0.5	
40	Pi/2 BPSK	108	54	23.49	23.61	23.61	24.5	0.0	
40	Pi/2 BPSK	108	108	23.46	23.66	23.67			
40	Pi/2 BPSK	216	0	23.48	23.67	23.64	24.0	0.5	
40	QPSK	1	1	23.73	23.77	23.68			
40	QPSK	1	108	23.64	23.74	23.65	24.5	0.0	
40	QPSK	1	214	23.74	23.72	23.63			
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0	
40	QPSK	108	54	23.45	23.72	23.67	24.5	0.0	
40	QPSK	108	108	22.82	22.94	22.72			
40	QPSK	216	0	22.86	23.02	22.96	23.5	1.0	
40	16QAM	1	1	22.95	22.96	22.88	23.5	1.0	
40	64QAM	1	1	21.49	21.57	21.40	22.0	2.5	
40	256QAM	1	1	19.52	19.51	19.25	20.0	4.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	23.59	23.68	23.61	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.57	23.73	23.53	24.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.56	23.73	23.64	24.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.61	23.70	23.63	24.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.63	23.62	23.64	24.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.60	23.66	23.61	24.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.56	23.70	23.63	24.5	0.0	

n66 Ant4 For END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	1720	1745	1760			
40	Pi2 BPSK	1	108	23.73	23.70	23.71			
40	Pi2 BPSK	1	214	23.48	23.67	23.70	24.5	0.0	
40	Pi2 BPSK	108	0	23.64	23.61	23.44	24.0	0.5	
40	Pi2 BPSK	108	54	23.60	23.59	23.49	24.5	0.0	
40	Pi2 BPSK	108	108	23.82	23.89	23.71			
40	Pi2 BPSK	216	0	23.59	23.67	23.66	24.0	0.5	
40	QPSK	1	1	23.68	23.74	23.72			
40	QPSK	1	108	23.47	23.69	23.52	24.5	0.0	
40	QPSK	1	214	23.64	23.72	23.48			
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0	
40	QPSK	108	54	23.55	23.71	23.67	24.5	0.0	
40	QPSK	108	108	23.22	23.24	23.01			
40	QPSK	216	0	22.88	23.08	22.85	23.5	1.0	
40	16QAM	1	1	23.04	23.05	22.83	23.5	1.0	
40	64QAM	1	1	21.56	21.58	21.59	22.0	2.5	
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	23.61	23.59	23.66	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.56	23.64	23.64	24.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.60	23.61	23.64	24.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.55	23.64	23.63	24.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.58	23.70	23.57	24.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.58	23.64	23.55	24.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.61	23.55	23.58	24.5	0.0	

n41 Ant4							
BW (MHz)	Modulation	RB Size	RB Onset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				50502	518598	52600	
Frequency (MHz)				2646.01	2692.99	2640	
100	PI/2 BPSK	1	1	21.31	21.51	21.31	
100	PI/2 BPSK	1	137	21.25	21.38	21.22	22.0
100	PI/2 BPSK	1	271	21.35	21.41	21.25	
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0
100	PI/2 BPSK	135	138	21.25	21.32	21.32	
100	PI/2 BPSK	270	0	21.20	21.41	21.19	22.0
100	QPSK	1	1	21.52	21.55	21.39	
100	QPSK	1	137	21.24	21.42	21.28	22.0
100	QPSK	1	271	21.41	21.49	21.48	
100	QPSK	135	0	21.32	21.43	21.29	22.0
100	QPSK	135	69	21.33	21.53	21.43	22.0
100	QPSK	135	138	21.28	21.33	21.11	
100	QPSK	270	0	21.28	21.51	21.46	22.0
100	16QAM	1	1	21.28	21.48	21.48	22.0
100	64QAM	1	1	21.20	21.39	21.22	22.0
100	256QAM	1	1	19.88	20.06	20.09	20.5
Channel				505200	518598	52600	
Frequency (MHz)				2641	2692.99	2644.98	
90	QPSK	1	1	21.48	21.42	21.21	22.0
Channel				507204	518598	529998	
Frequency (MHz)				2636.02	2692.99	2649.99	
80	QPSK	1	1	21.36	21.43	21.24	22.0
Channel				505202	518598	531000	
Frequency (MHz)				2631.01	2692.99	2656	
70	QPSK	1	1	21.37	21.38	21.25	22.0
Channel				505200	518598	531996	
Frequency (MHz)				2626	2692.99	2659.98	
60	QPSK	1	1	21.35	21.43	21.23	22.0
Channel				504204	518598	532098	
Frequency (MHz)				2621.02	2692.99	2664.99	
50	QPSK	1	1	21.41	21.45	21.20	22.0
Channel				503202	518598	534000	
Frequency (MHz)				2616.01	2692.99	2670	
40	QPSK	1	1	21.33	21.36	21.20	22.0
Channel				502200	518598	534996	
Frequency (MHz)				2611	2692.99	2674.98	
30	QPSK	1	1	21.37	21.38	21.32	22.0
Channel				501204	518598	535998	
Frequency (MHz)				2606.02	2692.99	2679.99	
20	QPSK	1	1	21.40	21.50	21.21	22.0
Channel				500700	518598	536996	
Frequency (MHz)				2603.15	2692.99	2682.48	
15	QPSK	1	1	21.35	21.40	21.24	22.0
Channel				500202	518598	537000	
Frequency (MHz)				2601.01	2692.99	2685	
10	QPSK	1	1	21.46	21.44	21.33	22.0

n41 PC2 Ant4							
BW (MHz)	Modulation	RB Size	RB Onset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				50502	518598	52600	
Frequency (MHz)				2646.01	2692.99	2640	
100	PI/2 BPSK	1	1	24.53	24.57	24.40	
100	PI/2 BPSK	1	137	24.38	24.42	24.40	25.0
100	PI/2 BPSK	1	271	24.35	24.38	24.27	
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	
100	PI/2 BPSK	270	0	23.90	23.97	23.74	24.5
100	QPSK	1	1	24.57	24.59	24.47	
100	QPSK	1	137	24.56	24.53	24.52	25.0
100	QPSK	1	271	24.27	24.49	24.38	
100	QPSK	135	0	23.21	23.42	23.36	24.0
100	QPSK	135	69	23.49	23.45	24.46	25.0
100	QPSK	135	138	23.33	23.38	23.13	
100	QPSK	270	0	23.52	23.54	23.53	24.0
100	16QAM	1	1	23.51	23.46	23.22	24.0
100	64QAM	1	1	21.72	21.94	21.94	22.5
100	256QAM	1	1	19.97	20.07	19.50	20.5
Channel				505200	518598	529998	
Frequency (MHz)				2641	2692.99	2644.98	
90	QPSK	1	1	24.49	24.44	24.32	25.0
Channel				507204	518598	529998	
Frequency (MHz)				2636.02	2692.99	2649.99	
80	QPSK	1	1	24.45	24.43	24.40	25.0
Channel				505202	518598	531000	
Frequency (MHz)				2631.01	2692.99	2656	
70	QPSK	1	1	24.48	24.46	24.33	25.0
Channel				505200	518598	531996	
Frequency (MHz)				2626	2692.99	2659.98	
60	QPSK	1	1	24.46	24.48	24.33	25.0
Channel				504204	518598	532098	
Frequency (MHz)				2621.02	2692.99	2664.99	
50	QPSK	1	1	24.38	24.47	24.37	25.0
Channel				503202	518598	534000	
Frequency (MHz)				2616.01	2692.99	2670	
40	QPSK	1	1	24.53	24.39	24.42	25.0
Channel				502200	518598	534996	
Frequency (MHz)				2611	2692.99	2674.98	
30	QPSK	1	1	24.37	24.49	24.28	25.0
Channel				501204	518598	535998	
Frequency (MHz)				2606.02	2692.99	2679.99	
20	QPSK	1	1	24.51	24.44	24.38	25.0
Channel				500700	518598	536996	
Frequency (MHz)				2603.15	2692.99	2682.48	
15	QPSK	1	1	24.41	24.48	24.38	25.0
Channel				500202	518598	537000	
Frequency (MHz)				2601.01	2692.99	2685	
10	QPSK	1	1	24.41	24.49	24.42	25.0

n48 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332	24.0	0.0	
Frequency (MHz)				3570	3624.99	3679.98			
40	PI/2 BPSK	1	1	22.95	22.93	22.85	24.0	0.0	
40	PI/2 BPSK	1	53	22.99	23.03	22.95			
40	PI/2 BPSK	1	104	22.93	23.16	23.07	23.5	0.5	
40	PI/2 BPSK	50	0	22.89	22.89	22.74			
40	PI/2 BPSK	50	28	22.75	22.94	22.94	23.5	0.5	
40	PI/2 BPSK	50	56	22.93	23.02	23.05			
40	PI/2 BPSK	100	0	22.91	22.98	22.80	24.0	0.0	
40	QPSK	1	1	23.01	23.23	23.12			
40	QPSK	1	53	23.09	23.15	22.91	23.0	1.0	
40	QPSK	1	104	23.05	23.22	23.06			
40	QPSK	50	0	22.55	22.75	22.70	24.0	0.0	
40	QPSK	50	28	22.98	23.21	23.02			
40	QPSK	50	56	21.99	22.07	21.90	23.0	1.0	
40	QPSK	100	0	21.91	22.13	22.06			
40	16QAM	1	1	22.06	22.09	21.93	23.0	1.0	
40	16QAM	1	1	20.47	20.63	20.61			
40	256QAM	1	1	19.47	18.59	18.40	19.5	4.5	
Channel				637668	641666	645666			
Frequency (MHz)				3565.02	3624.99	3684.99	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.82	23.12	23.02	24.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.94	23.04	22.94	24.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.86	23.15	23.06	24.0	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	24.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0	
100	PI/2 BPSK	1	137	23.18	23.21	23.24			
100	PI/2 BPSK	1	271	23.17	23.25	23.12	24.0	0.0	
100	PI/2 BPSK	135	0	23.12	23.19	23.03			
100	PI/2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0	
100	PI/2 BPSK	135	138	23.27	23.32	23.08			
100	PI/2 BPSK	270	0	23.02	23.27	23.26	24.0	0.0	
100	QPSK	1	1	23.24	23.36	23.32			
100	QPSK	1	137	23.20	23.28	23.04	24.0	0.0	
100	QPSK	1	271	23.26	23.29	23.27			
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0	
100	QPSK	135	69	23.12	23.28	23.14			
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0	
100	QPSK	270	0	23.12	23.22	23.01			
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0	
100	16QAM	1	1	23.03	23.19	22.99			
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	23.15	23.31	23.26	24.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	23.10	23.20	23.15	24.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0	
Channel				647000	656000	665000			
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	26.14	26.21	25.97	27.0	0.0	
100	PI/2 BPSK	1	137	26.19	26.23	26.15			
100	PI/2 BPSK	1	271	26.08	26.21	26.00	26.5	0.5	
100	PI/2 BPSK	135	0	25.86	25.83	25.80			
100	PI/2 BPSK	135	69	26.22	26.18	26.12	26.5	0.0	
100	PI/2 BPSK	135	138	25.78	25.79	25.74			
100	PI/2 BPSK	270	0	25.69	25.83	25.68	27.0	0.0	
100	QPSK	1	1	26.19	26.36	26.35			
100	QPSK	1	137	26.15	26.24	26.07	26.0	1.0	
100	QPSK	1	271	26.17	26.31	26.25			
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0	
100	QPSK	135	69	26.24	26.29	26.26			
100	QPSK	135	138	25.30	25.27	25.28	26.0	1.0	
100	QPSK	270	0	25.23	25.33	25.20			
100	16QAM	1	1	25.21	25.20	25.12	24.5	2.5	
100	16QAM	1	1	23.66	23.82	23.61			
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0	
Channel				649334	656000	662668			
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0	
Channel				649000	656000	663000			
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0	
Channel				648668	656000	663334			
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0	
Channel				648334	656000	663668			
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	26.00	26.29	26.17	27.0	0.0	
Channel				648000	656000	664000			
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0	
Channel				647668	656000	664334			
Frequency (MHz)				3715	3840	3965.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0	
Channel				647334	656000	664668			
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0	
Channel				647168	656000	664834			
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	26.12	26.30	26.30	27.0	0.0	
Channel				646834	656000	665000			
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0	

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	23.18					
100	PI/2 BPSK	1	137	23.18			24.0	0.0	
100	PI/2 BPSK	1	271	23.22					
100	PI/2 BPSK	135	0	23.14			24.0	0.0	
100	PI/2 BPSK	135	69	23.15			24.0	0.0	
100	PI/2 BPSK	135	138	23.17			24.0	0.0	
100	PI/2 BPSK	270	0	23.23					
100	QPSK	1	1	23.27					
100	QPSK	1	137	23.16			24.0	0.0	
100	QPSK	1	271	23.17					
100	QPSK	135	0	23.17			24.0	0.0	
100	QPSK	135	69	23.23			24.0	0.0	
100	QPSK	135	138	23.01			24.0	0.0	
100	QPSK	270	0	23.10					
100	16QAM	1	1	23.10			24.0	0.0	
100	64QAM	1	1	23.09			24.0	0.0	
100	256QAM	1	1	20.94			22.5	1.5	
Channel				633000	633332	633666			
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0	
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0	
Channel				632334	633332	634332			
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0	
Channel				632000	633332	634666			
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	23.08	23.16	23.19	24.0	0.0	
Channel				631000	633332	635666			
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0	
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0	
Channel				630334	633332	636332			
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0	
Channel				630000	633332	636666			
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0	

Part27Q n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	26.14					
100	PI/2 BPSK	1	137	26.15			27.0	0.0	
100	PI/2 BPSK	1	271	26.05					
100	PI/2 BPSK	135	0	25.67			26.5	0.5	
100	PI/2 BPSK	135	69	26.07			27.0	0.0	
100	PI/2 BPSK	135	138	25.69			26.5	0.5	
100	PI/2 BPSK	270	0	25.68					
100	QPSK	1	1	26.25					
100	QPSK	1	137	26.16			27.0	0.0	
100	QPSK	1	271	26.18					
100	QPSK	135	0	25.34			26.0	1.0	
100	QPSK	135	69	26.20			27.0	0.0	
100	QPSK	135	138	25.11			26.0	1.0	
100	QPSK	270	0	25.25					
100	16QAM	1	1	25.04			26.0	1.0	
100	64QAM	1	1	23.65			24.5	2.5	
100	256QAM	1	1	21.65			22.5	4.5	
Channel				633000	633332	633666			
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0	
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	26.09	26.10	26.11	27.0	0.0	
Channel				632334	633332	634332			
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0	
Channel				632000	633332	634666			
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0	
Channel				631000	633332	635666			
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0	
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0	
Channel				630334	633332	636332			
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0	
Channel				630000	633332	636666			
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	22.43	22.29	22.45			
100	PI/2 BPSK	1	137	22.36	22.32	22.47	23.5	0.0	
100	PI/2 BPSK	1	271	22.36	22.46	22.48			
100	PI/2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0	
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0	
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0	
100	PI/2 BPSK	270	0	22.32	22.42	22.31			
100	QPSK	1	1	22.49	22.52	22.45			
100	QPSK	1	137	22.28	22.34	22.40	23.5	0.0	
100	QPSK	1	271	22.38	22.34	22.44			
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0	
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0	
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0	
100	QPSK	270	0	22.39	22.44	22.31			
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0	
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0	
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0	
Channel				638668	641666	643666			
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0	
Channel				638334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.46	22.41	22.36	23.5	0.0	
Channel				638900	641666	645332			
Frequency (MHz)				3595	3624.99	3664.98			
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel				638668	641666	644666			
Frequency (MHz)				3590.02	3624.99	3669.99			
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0	
Channel				638332	641666	645330			
Frequency (MHz)				3575.01	3624.98	3675			
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0	
Channel				637688	641666	645666			
Frequency (MHz)				3563.92	3624.99	3659.99			
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel				637168	641666	646166			
Frequency (MHz)				3557.92	3624.99	3692.99			
15	QPSK	1	1	22.40	22.41	22.41	23.5	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Part270 n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000					
Frequency (MHz)				3750					
100	PV2 BPSK	1	1	23.37			24.0	0.0	
100	PV2 BPSK	1	137	23.39					
100	PV2 BPSK	1	271	23.35					
100	PV2 BPSK	135	0	23.28			23.5	0.5	
100	PV2 BPSK	135	69	23.31			24.0	0.0	
100	PV2 BPSK	135	138	23.25			23.5	0.5	
100	PV2 BPSK	270	0	23.32					
100	QPSK	1	1	23.48			24.0	0.0	
100	QPSK	1	137	23.35					
100	QPSK	1	271	23.40					
100	QPSK	135	0	22.77			23.0	1.0	
100	QPSK	135	69	23.43			24.0	0.0	
100	QPSK	135	138	22.61			23.0	1.0	
100	QPSK	270	0	22.67					
100	16QAM	1	1	22.58			23.0	1.0	
100	64QAM	1	1	21.22			21.5	2.5	
100	256QAM	1	1	19.27			19.5	4.5	
Channel				64968	65000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3750.01	(dBm)		
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0	
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)		
80	QPSK	1	1	23.30	23.30	23.31	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)		
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0	
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)		
60	QPSK	1	1	23.32	23.39	23.41	24.0	0.0	
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)		
50	QPSK	1	1	23.37	23.37	23.41	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)		
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0	
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)		
30	QPSK	1	1	23.42	23.41	23.31	24.0	0.0	
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)		
20	QPSK	1	1	23.40	23.31	23.31	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)		
15	QPSK	1	1	23.42	23.43	23.36	24.0	0.0	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0	

Part27Q n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PV2 BPSK	1	1	23.29			24.0	0.0	
100	PV2 BPSK	1	137	23.27					
100	PV2 BPSK	1	271	23.41					
100	PV2 BPSK	135	0	23.03			23.5	0.5	
100	PV2 BPSK	135	69	23.31			24.0	0.0	
100	PV2 BPSK	135	138	23.09			23.5	0.5	
100	PV2 BPSK	270	0	22.91					
100	QPSK	1	1	23.46			24.0	0.0	
100	QPSK	1	137	23.42					
100	QPSK	1	271	23.37					
100	QPSK	135	0	22.83			23.0	1.0	
100	QPSK	135	69	23.41			24.0	0.0	
100	QPSK	135	138	22.58			23.0	1.0	
100	QPSK	270	0	22.66					
100	16QAM	1	1	22.71			23.0	1.0	
100	64QAM	1	1	21.32			21.5	2.5	
100	256QAM	1	1	19.38			19.5	4.5	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0	
Channel				632334	633332	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)		
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0	
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0	
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0	
Channel				630334	633332	636332	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0	
Channel				630000	633332	636666	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0	

Part96 n78 PC3 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PV2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0	
100	PV2 BPSK	1	137	22.42	22.42	22.42			
100	PV2 BPSK	1	271	22.41	22.30	22.29			
100	PV2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0	
100	PV2 BPSK	135	69	22.44	22.44	22.45	23.5	0.0	
100	PV2 BPSK	135	138	22.36	22.36	22.36	23.5	0.0	
100	PV2 BPSK	270	0	22.48	22.47	22.37			
100	QPSK	1	1	22.42	22.45	22.46	23.5	0.0	
100	QPSK	1	137	22.37	22.44	22.41			
100	QPSK	1	271	22.33	22.38	22.33			
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5	
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0	
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5	
100	QPSK	270	0	21.96	22.09	21.97			
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5	
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0	
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0	
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3754.98			
90	QPSK	1	1	22.38	22.38	22.37	23.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.24	22.23	22.29	23.5	0.0	
100	QPSK	1	1	639290	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3588	3624.99	3664.98			
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0	
Channel				638668	641666	646666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3666.99			
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0	
Channel				638334	641666	645330	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3579.01	3624.99	3649.98			
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0	
Channel				638000	641666	653332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3576	3624.99	3679.98			
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3573.02	3624.99	3594.99			
30	QPSK	1	1	22.32	22.32	22.29	23.5	0.0	
Channel				637334	641666	656666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0	
Channel				635000	641666	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3624.99	3542.49			
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0	
Channel				634668	641666	637332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3624.99	3544.98			
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	23.27	23.32	23.13			
40	PI/2 BPSK	1	53	23.23	23.29	23.12	24.0	0.0	
40	PI/2 BPSK	1	104	23.10	23.31	23.19			
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5	
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0	
40	PI/2 BPSK	50	56	23.15	23.24	23.27			
40	PI/2 BPSK	100	0	23.06	23.26	23.29	23.5	0.5	
40	QPSK	1	1	23.33	23.34	23.22			
40	QPSK	1	53	23.22	23.32	23.23	24.0	0.0	
40	QPSK	1	104	23.10	23.33	23.32			
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0	
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0	
40	QPSK	50	56	22.61	22.66	22.53			
40	QPSK	100	0	22.84	22.71	22.55	23.0	1.0	
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0	
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5	
40	256QAM	1	1	19.13	19.32	19.24	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	23.28	23.25	23.05	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	23.14	23.10	23.10	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2562.99	2640			
100	PI/2 BPSK	1	1	22.98	23.13	23.11			
100	PI/2 BPSK	1	137	23.14	23.21	23.24	24.0	0.0	
100	PI/2 BPSK	1	271	23.26	23.30	23.19			
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0	
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0	
100	PI/2 BPSK	135	138	23.20	23.21	23.04			
100	PI/2 BPSK	270	0	23.16	23.23	23.03	24.0	0.0	
100	QPSK	1	1	23.31	23.36	23.22			
100	QPSK	1	137	23.16	23.23	23.12	24.0	0.0	
100	QPSK	1	271	23.14	23.33	23.28			
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0	
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0	
100	QPSK	135	138	23.19	23.31	23.16			
100	QPSK	270	0	23.28	23.31	23.23	24.0	0.0	
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0	
100	64QAM	1	1	21.29	23.33	23.24	24.0	0.0	
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2562.99	2644.99			
90	QPSK	1	1	23.16	23.29	23.17	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.25	23.26	23.16	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.19	23.32	23.08	24.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.17	23.23	23.12	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.02	2592.99	2664.99			
50	QPSK	1	1	23.13	23.24	23.08	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.25	23.26	23.05	24.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.12	23.24	23.18	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.19	23.29	23.10	24.0	0.0	
Channel				500700	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.21	23.31	23.12	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.16	23.19	23.17	24.0	0.0	

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2562.99	2640			
100	PI/2 BPSK	1	1	26.02	26.28	26.01			
100	PI/2 BPSK	1	137	26.00	26.17	26.01	27.0	0.0	
100	PI/2 BPSK	1	271	26.06	26.20	26.21			
100	PI/2 BPSK	135	0	26.06	26.06	25.89	26.5	0.5	
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0	
100	PI/2 BPSK	135	138	26.23	26.24	26.06			
100	PI/2 BPSK	270	0	26.02	26.20	26.15	26.5	0.5	
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15	27.0	0.0	
100	QPSK	1	271	26.20	26.23	26.15			
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0	
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0	
100	QPSK	135	138	25.94	25.72	25.49			
100	QPSK	270	0	25.32	25.54	25.32	26.0	1.0	
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0	
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5	
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2562.99	2644.99			
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	26.10	26.16	26.09	27.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.02	2592.99	2664.99			
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0	

Part27Q n77 PC2 Ant2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			MPR (dB)
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1	21.30			23.0
100	PI/2 BPSK	1	137	21.47			
100	PI/2 BPSK	1	271	21.48			
100	PI/2 BPSK	135	0	20.95		22.5	0.5
100	PI/2 BPSK	135	69	21.41		23.0	0.0
100	PI/2 BPSK	135	138	20.89			22.5
100	PI/2 BPSK	270	0	20.86			
100	QPSK	1	1	21.75			
100	QPSK	1	137	21.54			23.0
100	QPSK	1	271	21.47			
100	QPSK	135	0	21.18		22.0	1.0
100	QPSK	135	69	21.46		23.0	0.0
100	QPSK	135	138	20.36		22.0	1.0
100	QPSK	270	0	20.43			22.0
100	16QAM	1	1	20.46		22.0	
100	16QAM	1	1	18.89		20.5	
100	256QAM	1	1	16.65		18.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.98	MPR (dB)
90	QPSK	1	1	21.75	21.69	21.72	23.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3499.02	3499.98	3510	MPR (dB)
80	QPSK	1	1	21.72	21.63	21.73	23.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3495.01	3499.98	3514.98	MPR (dB)
70	QPSK	1	1	21.60	21.69	21.70	23.0
Channel				632000	633332	634668	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	MPR (dB)
60	QPSK	1	1	21.72	21.75	21.63	23.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	MPR (dB)
50	QPSK	1	1	21.74	21.68	21.68	23.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	MPR (dB)
40	QPSK	1	1	21.62	21.62	21.64	23.0
Channel				631000	633332	635668	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.98	MPR (dB)
30	QPSK	1	1	21.72	21.63	21.70	23.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	MPR (dB)
20	QPSK	1	1	21.60	21.63	21.61	23.0
Channel				630500	633332	636168	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.48	MPR (dB)
15	QPSK	1	1	21.60	21.62	21.72	23.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	MPR (dB)
10	QPSK	1	1	21.60	21.69	21.63	23.0

Part96 n77 Ant2 Default							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000		641668	643332
Frequency (MHz)				3500		3524.98	3549.98
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15	
100	PI/2 BPSK	1	271	17.81	17.89	17.74	
100	PI/2 BPSK	135	0	18.20	18.29	18.20	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26	
100	QPSK	1	1	18.42	18.47	18.41	
100	QPSK	1	137	18.29	18.38	18.35	20.0
100	QPSK	1	271	17.94	18.07	18.03	
100	QPSK	135	0	17.69	17.81	17.66	0.0
100	QPSK	135	69	18.38	18.43	18.40	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0
100	QPSK	270	0	18.25	18.36	18.21	
100	16QAM	1	1	17.78	17.88	17.82	0.0
100	16QAM	1	1	17.98	18.09	17.91	0.0
100	256QAM	1	1	16.90	16.94	16.83	1.5
Channel				639668	641668	643668	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.98	MPR (dB)
90	QPSK	1	1	18.39	18.38	18.40	20.0
Channel				639334	641668	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	MPR (dB)
80	QPSK	1	1	18.41	18.29	18.35	20.0
Channel				639000	641668	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	MPR (dB)
70	QPSK	1	1	18.42	18.43	18.33	20.0
Channel				638668	641668	644668	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	MPR (dB)
60	QPSK	1	1	18.36	18.32	18.43	20.0
Channel				638334	641668	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	MPR (dB)
50	QPSK	1	1	18.37	18.37	18.45	20.0
Channel				638000	641668	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3674.98	MPR (dB)
40	QPSK	1	1	18.35	18.35	18.44	20.0
Channel				637668	641668	645668	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3674.98	MPR (dB)
30	QPSK	1	1	18.31	18.30	18.35	20.0
Channel				637334	641668	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3670	MPR (dB)
20	QPSK	1	1	18.37	18.38	18.43	20.0
Channel				637168	641668	646168	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3672.48	MPR (dB)
15	QPSK	1	1	18.30	18.38	18.42	20.0
Channel				637000	641668	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3674.98	MPR (dB)
10	QPSK	1	1	18.42	18.40	18.39	20.0

n41 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0	
100	PI/2 BPSK	1	137	22.49	22.63	22.48			
100	PI/2 BPSK	1	271	22.63	22.61	22.40	24.0	0.0	
100	PI/2 BPSK	135	0	22.66	22.76	22.87			
100	PI/2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0	
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0	
100	PI/2 BPSK	270	0	22.57	22.75	22.55			
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0	
100	QPSK	1	137	22.64	22.71	22.52			
100	QPSK	1	271	22.44	22.69	22.45	24.0	0.0	
100	QPSK	135	0	22.73	22.76	22.73			
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0	
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0	
100	QPSK	270	0	22.72	22.83	22.79			
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0	
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0	
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99	24.0	0.0	
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	24.0	0.0	
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	24.0	0.0	
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	24.0	0.0	
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0	
Channel				500200	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	24.0	0.0	
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0	

n41 PC2 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2540.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0	
100	PI/2 BPSK	1	137	25.35	25.52	25.48			
100	PI/2 BPSK	1	271	25.25	25.44	25.41	26.5	0.5	
100	PI/2 BPSK	135	0	24.97	25.06	25.10			
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0	
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5	
100	PI/2 BPSK	270	0	24.86	25.05	24.84			
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0	
100	QPSK	1	137	25.60	25.66	25.70			
100	QPSK	1	271	25.28	25.44	25.38	26.0	1.0	
100	QPSK	135	0	24.47	24.53	24.53			
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0	
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0	
100	QPSK	270	0	24.70	24.73	24.62			
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0	
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5	
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	27.0	0.0	
90	QPSK	1	1	25.73	25.81	25.37	27.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99	27.0	0.0	
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	27.0	0.0	
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	27.0	0.0	
60	QPSK	1	1	25.68	25.88	25.35	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	27.0	0.0	
50	QPSK	1	1	25.64	25.89	25.39	27.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	27.0	0.0	
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	27.0	0.0	
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	27.0	0.0	
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0	
Channel				500200	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	27.0	0.0	
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	27.0	0.0	
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0	

Part270 n77 Ant5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000	20.0	0.0		
Frequency (MHz)				3750	3840	3930				
100	Pi/2 BPSK	1	1	19.26	19.26	19.17	20.0	0.0		
100	Pi/2 BPSK	1	137	18.99	19.09	19.08				
100	Pi/2 BPSK	1	271	19.26	19.26	19.08				
100	Pi/2 BPSK	135	0	19.00	19.15	19.16				
100	Pi/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0		
100	Pi/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0		
100	Pi/2 BPSK	270	0	19.13	19.08	18.86	20.0	0.0		
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0		
100	QPSK	1	137	18.99	19.12	18.93				
100	QPSK	1	271	19.10	19.35	19.23				
100	QPSK	135	0	19.10	19.19	19.23				
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0		
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0		
100	QPSK	270	0	19.06	19.27	19.26	20.0	0.0		
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0		
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0		
100	256QAM	1	1	18.95	17.19	17.15	18.5	1.5		
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01	20.0	0.0		
90	QPSK	1	1	19.00	19.29	19.07	20.0	0.0		
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	20.0	0.0		
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3840	3945	20.0	0.0		
70	QPSK	1	1	18.99	19.17	19.20	20.0	0.0		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	20.0	0.0		
60	QPSK	1	1	19.04	19.18	19.15	20.0	0.0		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02	20.0	0.0		
50	QPSK	1	1	19.00	19.32	19.15	20.0	0.0		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960	20.0	0.0		
40	QPSK	1	1	18.99	19.32	19.10	20.0	0.0		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01	20.0	0.0		
30	QPSK	1	1	19.02	19.24	19.18	20.0	0.0		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	20.0	0.0		
20	QPSK	1	1	19.14	19.19	19.14	20.0	0.0		
Channel				647168	656000	664934	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	20.0	0.0		
15	QPSK	1	1	19.14	19.19	19.09	20.0	0.0		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975	20.0	0.0		
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0		

Part270 n77 PC2 Ant5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000	23.0	0.0		
Frequency (MHz)				3750	3840	3930				
100	Pi/2 BPSK	1	1	21.84	22.08	21.85	23.0	0.0		
100	Pi/2 BPSK	1	137	21.77	22.02	21.82				
100	Pi/2 BPSK	1	271	21.94	22.16	22.09				
100	Pi/2 BPSK	135	0	21.40	21.48	21.44				
100	Pi/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0		
100	Pi/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5		
100	Pi/2 BPSK	270	0	21.44	21.45	21.27	23.0	0.0		
100	QPSK	1	1	22.10	22.17	22.03	23.0	0.0		
100	QPSK	1	137	21.85	22.00	22.04				
100	QPSK	1	271	21.90	22.15	22.08				
100	QPSK	135	0	20.95	20.97	20.87				
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0		
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0		
100	QPSK	270	0	21.01	21.09	20.93	22.0	0.0		
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0		
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5		
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5		
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01	23.0	0.0		
90	QPSK	1	1	22.03	22.08	21.95	23.0	0.0		
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	23.0	0.0		
80	QPSK	1	1	21.91	22.11	21.91	23.0	0.0		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3840	3945	23.0	0.0		
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	23.0	0.0		
60	QPSK	1	1	22.04	22.02	21.92	23.0	0.0		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02	23.0	0.0		
50	QPSK	1	1	21.96	22.07	21.87	23.0	0.0		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960	23.0	0.0		
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01	23.0	0.0		
30	QPSK	1	1	21.99	22.08	21.98	23.0	0.0		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	23.0	0.0		
20	QPSK	1	1	21.97	22.03	21.94	23.0	0.0		
Channel				647168	656000	664934	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	23.0	0.0		
15	QPSK	1	1	21.98	22.11	21.89	23.0	0.0		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975	23.0	0.0		
10	QPSK	1	1	21.93	22.11	21.98	23.0	0.0		

Part27Q n77 Ant5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633332						
Frequency (MHz)				3499.98						
100	Pi/2 BPSK	1	1			17.94	19.0	0.0		
100	Pi/2 BPSK	1	137			17.98				
100	Pi/2 BPSK	1	271			18.14				
100	Pi/2 BPSK	135	0			17.98			19.0	0.0
100	Pi/2 BPSK	135	69			18.02	19.0	0.0		
100	Pi/2 BPSK	135	136			18.12	19.0	0.0		
100	QPSK	270	0			18.10	19.0	0.0		
100	QPSK	1	1			18.34	19.0	0.0		
100	QPSK	1	137			18.08				
100	QPSK	1	271			18.29				
100	QPSK	135	0			18.04			19.0	0.0
100	QPSK	135	69			18.31	19.0	0.0		
100	QPSK	135	136			18.15	19.0	0.0		
100	QPSK	270	0			18.26	19.0	0.0		
100	16QAM	1	1			18.11	19.0	0.0		
100	16QAM	1	1			18.98	17.5	1.5		
100	256QAM	1	1			15.49	16.0	3.0		
Channel				633000			633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495			3499.98	3505.02		
90	QPSK	1	1	18.25	18.24	18.26	19.0	0.0		
Channel				632668			633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02			3499.98	3510		
80	QPSK	1	1	18.20	18.20	18.19	19.0	0.0		
Channel				632334			633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01			3499.98	3515.01		
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0		
Channel				632000			633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490			3499.98	3520.02		
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0		
Channel				631668			633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02			3499.98	3505		
50	QPSK	1	1	18.22	18.23	18.20	19.0	0.0		
Channel				631334			633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01			3499.98	3530.01		
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0		
Channel				631000			633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465			3499.98	3535.02		
30	QPSK	1	1	18.29	18.24	18.26	19.0	0.0		
Channel				630668			633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480.02			3499.98	3540		
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0		
Channel				630500			633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5			3499.98	3542.52		
15	QPSK	1	1	18.26	18.19	18.26	19.0	0.0		
Channel				630334			633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01			3499.98	3545.01		
10	QPSK	1	1	18.27	18.15	18.25	19.0	0.0		

Part27Q n77 PC2 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	20.84			22.0	0.0	
100	PI/2 BPSK	1	137	20.83					
100	PI/2 BPSK	1	271	21.13					
100	PI/2 BPSK	135	0	20.34			21.5	0.5	
100	PI/2 BPSK	135	69	20.89			22.0	0.0	
100	PI/2 BPSK	135	138	20.52			21.5	0.5	
100	PI/2 BPSK	270	0	20.39			22.0	0.0	
100	QPSK	1	1	21.24					
100	QPSK	1	137	20.89					
100	QPSK	1	271	21.21			21.0	1.0	
100	QPSK	135	0	19.82					
100	QPSK	135	69	21.16					
100	QPSK	135	138	19.97			21.0	1.0	
100	QPSK	270	0	20.09			21.0	1.0	
100	16QAM	1	1	19.95					
100	64QAM	1	1	18.40					
100	256QAM	1	1	16.34			17.5	4.5	
Channel				633000	633332	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3505.02	(dBm)		
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)		
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0	
Channel				632334	633332	634334	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3499.98	3515.01	(dBm)		
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	
Channel				632000	633332	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3520.02	(dBm)		
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0	
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)		
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0	
Channel				631334	633332	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3530.01	(dBm)		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0	
Channel				631000	633332	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3535.02	(dBm)		
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0	
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)		
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0	
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3499.98	3542.52	(dBm)		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0	
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3499.98	3545.01	(dBm)		
10	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	

Part96 n77 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				640000	641666	643332	20.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0	
100	PI/2 BPSK	1	137	18.73	18.90	18.88			
100	PI/2 BPSK	1	271	18.99	19.07	19.01			
100	PI/2 BPSK	135	0	18.59	18.67	18.61	20.0	0.0	
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0	
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0	
100	PI/2 BPSK	270	0	18.69	18.86	18.83	20.0	0.0	
100	QPSK	1	1	19.00	19.12	19.07			
100	QPSK	1	137	18.51	18.69	18.54			
100	QPSK	1	271	18.99	19.10	18.95	20.0	0.0	
100	QPSK	135	0	18.77	18.84	18.78			
100	QPSK	135	69	19.04	19.08	19.02			
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0	
100	QPSK	270	0	18.90	19.03	18.85	20.0	0.0	
100	16QAM	1	1	18.95	19.02	18.84			
100	64QAM	1	1	18.09	18.25	18.13			
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5	
Channel				639668	641666	643666	Tune-up limit	MPR	
Frequency (MHz)				3595.02	3624.99	3654.99	(dbm)		
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0	
Channel				639334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dbm)		
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0	
Channel				639000	641666	644332	Tune-up limit	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dbm)		
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dbm)		
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0	
Channel				638334	641666	645000	Tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dbm)		
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0	
Channel				638000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3674.99	(dbm)		
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0	
Channel				637668	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dbm)		
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0	
Channel				637334	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3680	(dbm)		
20	QPSK	1	1	19.09	18.96	19.06	20.0	0.0	
Channel				637168	641666	646166	Tune-up limit	MPR	
Frequency (MHz)				3557.52	3624.99	3692.49	(dbm)		
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0	
Channel				637000	641666	646332	Tune-up limit	MPR	
Frequency (MHz)				3555	3624.99	3694.98	(dbm)		
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0	

n41 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi/2 BPSK	1	1	23.89	23.87	23.69	25.0	0.0	
100	Pi/2 BPSK	1	137	23.72	23.72	23.74			
100	Pi/2 BPSK	1	271	23.54	23.75	23.54			
100	Pi/2 BPSK	135	0	23.71	23.62	23.78			
100	Pi/2 BPSK	135	69	23.52	23.72	23.62	25.0	0.0	
100	Pi/2 BPSK	135	138	23.65	23.65	23.41	25.0	0.0	
100	Pi/2 BPSK	270	0	23.83	23.81	23.84	25.0	0.0	
100	QPSK	1	1	23.94	23.96	23.81	25.0	0.0	
100	QPSK	1	137	23.77	23.81	23.96			
100	QPSK	1	271	23.82	23.82	23.64			
100	QPSK	135	0	23.72	23.85	23.81			
100	QPSK	135	69	23.66	23.91	23.66	25.0	0.0	
100	QPSK	135	138	23.58	23.72	23.81	25.0	0.0	
100	QPSK	270	0	23.58	23.84	23.77	25.0	0.0	
100	16QAM	1	1	23.79	23.85	23.79	25.0	0.0	
100	64QAM	1	1	23.65	23.78	23.76	25.0	0.0	
100	256QAM	1	1	22.36	22.41	22.39	23.5	1.5	
Channel				506200	518598	528996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	23.81	23.89	23.72	25.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	23.50	23.51	23.62	25.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	23.77	23.92	23.63	25.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	23.78	23.91	23.61	25.0	0.0	
Channel				504204	518598	532000	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	23.79	23.81	23.71	25.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	23.80	23.82	23.77	25.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	23.76	23.81	23.76	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	23.79	23.85	23.73	25.0	0.0	
Channel				500700	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	23.86	23.77	23.76	25.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	23.85	23.80	23.64	25.0	0.0	

n41 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509022	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi/2 BPSK	1	1	26.59	26.84	26.66	28.0		
100	Pi/2 BPSK	1	137	26.53	26.71	26.49			
100	Pi/2 BPSK	1	271	26.52	26.69	26.70			
100	Pi/2 BPSK	135	0	26.64	26.75	26.73			
100	Pi/2 BPSK	135	69	26.67	26.67	26.47	28.0	0.0	
100	Pi/2 BPSK	135	138	26.62	26.62	26.62	27.5	0.5	
100	Pi/2 BPSK	270	0	26.64	26.77	26.56	27.0	1.0	
100	QPSK	1	1	26.92	26.97	26.85	28.0		
100	QPSK	1	137	26.71	26.74	26.47			
100	QPSK	1	271	26.58	26.71	26.64			
100	QPSK	135	0	26.62	26.69	26.51			
100	QPSK	135	69	26.99	26.91	26.95	27.0	1.0	
100	QPSK	135	138	25.38	25.42	25.24	27.0	1.0	
100	QPSK	270	0	25.56	25.89	25.32	27.0	1.0	
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0	
100	64QAM	1	1	24.01	24.19	24.02	25.5	2.5	
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5	
Channel				508200	518598	522996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	26.84	26.77	26.66	28.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	26.73	26.81	26.76	28.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	26.72	26.79	26.72	28.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	26.76	26.85	26.72	28.0	0.0	
Channel				504204	518598	532000	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	26.82	26.83	26.78	28.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	26.86	26.86	26.72	28.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	26.83	26.77	26.70	28.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	26.81	26.83	26.75	28.0	0.0	
Channel				500700	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	26.79	26.77	26.76	28.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	26.79	26.75	26.69	28.0	0.0	

Part270 n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	Pi/2 BPSK	1	1	22.50	22.73	22.64			
100	Pi/2 BPSK	1	137	22.52	22.56	22.47	24.0	0.0	0.0
100	Pi/2 BPSK	1	271	22.49	22.61	22.56			
100	Pi/2 BPSK	135	0	22.55	22.64	22.39	24.0	0.0	0.0
100	Pi/2 BPSK	135	69	22.53	22.49	22.52	24.0	0.0	0.0
100	Pi/2 BPSK	135	138	22.28	22.48	22.45			0.0
100	Pi/2 BPSK	270	0	22.53	22.56	22.33			
100	QPSK	1	1	22.75	22.76	22.89			
100	QPSK	1	137	22.41	22.63	22.43	24.0	0.0	0.0
100	QPSK	1	271	22.60	22.68	22.51			
100	QPSK	135	0	22.67	22.64	22.40	24.0	0.0	0.0
100	QPSK	135	69	22.55	22.68	22.49	24.0	0.0	0.0
100	QPSK	135	138	22.17	22.24	22.01			0.0
100	QPSK	270	0	22.60	22.63	22.56	24.0	0.0	0.0
100	16QAM	1	1	22.59	22.67	22.45	24.0	0.0	0.0
100	64QAM	1	1	21.14	21.18	20.97	22.5	1.5	1.5
100	256QAM	1	1	19.50	19.61	19.62	21.0	3.0	3.0
Channel									
Frequency (MHz)				3840	3930	4020	Tune-up limit	(dBm)	MPR
90	QPSK	1	1	22.72	22.74	22.84	24.0	0.0	0.0
Channel									
Frequency (MHz)				3930	4020	4110	Tune-up limit	(dBm)	MPR
80	QPSK	1	1	22.63	22.66	22.52	24.0	0.0	0.0
Channel									
Frequency (MHz)				4020	4110	4200	Tune-up limit	(dBm)	MPR
70	QPSK	1	1	22.74	22.76	22.86	24.0	0.0	0.0
Channel									
Frequency (MHz)				4110	4200	4290	Tune-up limit	(dBm)	MPR
60	QPSK	1	1	22.61	22.71	22.61	24.0	0.0	0.0
Channel									
Frequency (MHz)				4200	4290	4380	Tune-up limit	(dBm)	MPR
50	QPSK	1	1	22.60	22.59	22.59	24.0	0.0	0.0
Channel									
Frequency (MHz)				4290	4380	4470	Tune-up limit	(dBm)	MPR
40	QPSK	1	1	22.60	22.68	22.58	24.0	0.0	0.0
Channel									
Frequency (MHz)				4380	4470	4560	Tune-up limit	(dBm)	MPR
30	QPSK	1	1	22.68	22.59	22.52	24.0	0.0	0.0
Channel									
Frequency (MHz)				4470	4560	4650	Tune-up limit	(dBm)	MPR
20	QPSK	1	1	22.64	22.58	22.64	24.0	0.0	0.0
Channel									
Frequency (MHz)				4560	4650	4740	Tune-up limit	(dBm)	MPR
15	QPSK	1	1	22.70	22.56	22.59	24.0	0.0	0.0
Channel									
Frequency (MHz)				4650	4740	4830	Tune-up limit	(dBm)	MPR
10	QPSK	1	1	22.68	22.56	22.60	24.0	0.0	0.0

Part270 n77 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi/2 BPSK	1	1	25.68	25.79	25.60			
100	Pi/2 BPSK	1	137	25.78	25.76	25.71	27.0		0.0
100	Pi/2 BPSK	1	271	25.59	25.64	25.57			
100	Pi/2 BPSK	135	0	25.42	25.37	25.22	26.5		0.5
100	Pi/2 BPSK	135	69	25.59	25.71	25.61	27.0		0.0
100	Pi/2 BPSK	135	138	24.88	25.07	24.86	26.5		0.5
100	Pi/2 BPSK	270	0	25.07	25.29	25.04			
100	QPSK	1	1	25.65	25.81	25.75			
100	QPSK	1	137	25.30	25.46	25.22	27.0		0.0
100	QPSK	1	271	25.68	25.66	25.52			
100	QPSK	135	0	24.85	24.84	24.62	26.0		1.0
100	QPSK	135	69	25.71	25.80	25.78	27.0		0.0
100	QPSK	135	138	24.32	24.56	24.54			
100	QPSK	270	0	24.53	24.71	24.57	26.0		1.0
100	16QAM	1	1	24.99	25.02	24.87	26.0		1.0
100	64QAM	1	1	22.61	22.59	22.64	24.5		2.5
100	256QAM	1	1	21.60	21.64	21.68	22.5		4.5
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.56	25.63	25.70	27.0		0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.53	25.63	25.58	27.0		0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.51	25.74	25.61	27.0		0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.55	25.69	25.61	27.0		0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.54	25.71	25.57	27.0		0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.55	25.69	25.60	27.0		0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.46	25.70	25.68	27.0		0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.60	25.63	25.69	27.0		0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.47	25.62	25.71	27.0		0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.47	25.62	25.71	27.0		0.0

Part27Q n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi/2 BPSK	1	1		633332	3499.98			
100	Pi/2 BPSK	1	137			22.78	24.0	0.0	
100	Pi/2 BPSK	1	271			23.03			
100	Pi/2 BPSK	135	0			22.86	24.0	0.0	
100	Pi/2 BPSK	135	69			22.71	24.0	0.0	
100	Pi/2 BPSK	135	138			22.70			
100	Pi/2 BPSK	270	0			22.78			
100	QPSK	1	1			23.03	24.0	0.0	
100	QPSK	1	137			22.95			
100	QPSK	1	271			23.03			
100	QPSK	135	0			22.86	24.0	0.0	
100	QPSK	135	69			23.06	24.0	0.0	
100	QPSK	135	138			22.68			
100	QPSK	270	0			22.46	24.0	0.0	
100	16QAM	1	1			22.98	24.0	0.0	
100	64QAM	1	1			21.40	22.5	1.5	
100	256QAM	1	1			20.13	21.0	3.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	633000	633332	633668	↑tune-up limit (dBm)		MPR (dB)
90	QPSK	1	137	3498.98	3499.98	3500.98	↑tune-up limit (dBm)		MPR (dB)
90	QPSK	1	271	632668	633332	634000	↑tune-up limit (dBm)		MPR (dB)
90	QPSK	135	0	3499.02	3499.98	3500.98	↑tune-up limit (dBm)		MPR (dB)
80	QPSK	1	1	22.82	22.88	22.92	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	632334	633332	634334	↑tune-up limit (dBm)		MPR (dB)
70	QPSK	1	137	3498.01	3499.98	3518.01	↑tune-up limit (dBm)		MPR (dB)
70	QPSK	1	271	632000	633332	634668	↑tune-up limit (dBm)		MPR (dB)
70	QPSK	135	0	3499.98	3499.98	3500.98	↑tune-up limit (dBm)		MPR (dB)
60	QPSK	1	1	22.89	22.95	22.91	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	631668	633332	635000	↑tune-up limit (dBm)		MPR (dB)
50	QPSK	1	137	3497.02	3499.98	3525	↑tune-up limit (dBm)		MPR (dB)
50	QPSK	1	271	631334	633332	635334	↑tune-up limit (dBm)		MPR (dB)
50	QPSK	135	0	3499.98	3499.98	3500.98	↑tune-up limit (dBm)		MPR (dB)
40	QPSK	1	1	22.91	22.95	22.85	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	631000	633332	635668	↑tune-up limit (dBm)		MPR (dB)
30	QPSK	1	137	3498.98	3499.98	3538.98	↑tune-up limit (dBm)		MPR (dB)
30	QPSK	1	271	630668	633332	636000	↑tune-up limit (dBm)		MPR (dB)
30	QPSK	135	0	3499.98	3499.98	3540	↑tune-up limit (dBm)		MPR (dB)
20	QPSK	1	1	22.90	22.93	22.97	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	630500	633332	636168	↑tune-up limit (dBm)		MPR (dB)
15	QPSK	1	137	3497.5	3499.98	3542.52	↑tune-up limit (dBm)		MPR (dB)
15	QPSK	1	271	630234	633332	636334	↑tune-up limit (dBm)		MPR (dB)
15	QPSK	135	0	3499.98	3499.98	3545.01	↑tune-up limit (dBm)		MPR (dB)
10	QPSK	1	1	22.83	22.92	23.05	24.0	0.0	

Par27Q n77 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		3499.98				
					25.94				
100	PI2 BPSK	1	137		25.91		27.0	0.0	
					25.79				
100	PI2 BPSK	135	0		25.52		26.5	0.5	
100	PI2 BPSK	135	69		25.86		27.0	0.0	
100	PI2 BPSK	135	138		25.22		26.5	0.5	
100	PI2 BPSK	270	0		26.44				
100	QPSK	1	1		26.06				
100	QPSK	1	137		26.01		27.0	0.0	
100	QPSK	1	271		25.81				
100	QPSK	135	0		24.99		26.0	1.0	
100	QPSK	135	69		25.95		27.0	0.0	
100	QPSK	135	138		24.71		26.0	1.0	
100	QPSK	270	0		26.06				
100	16QAM	1	1		25.17		26.0	1.0	
100	64QAM	1	1		22.74		24.5	2.5	
100	256QAM	1	1		21.79		22.5	4.5	
Channel									
				633000	633332	633668	Tune-up limit	MPR	
					3495	3499.98	3505.02	(dBm)	(dB)
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0	
				632668	633332	634000	Tune-up limit	MPR	
					3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0	
				632334	633332	634334	Tune-up limit	MPR	
					3485.01	3499.98	3515.01	(dBm)	(dB)
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0	
				632000	633332	634668	Tune-up limit	MPR	
					3480	3499.98	3520.02	(dBm)	(dB)
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0	
				631668	633332	635000	Tune-up limit	MPR	
					3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0	
				631334	633332	635334	Tune-up limit	MPR	
					3470.01	3499.98	3530.01	(dBm)	(dB)
40	QPSK	1	1	25.82	26.01	25.96	27.0	0.0	
				631000	633332	635998	Tune-up limit	MPR	
					3465	3499.98	3535.02	(dBm)	(dB)
30	QPSK	1	1	25.85	25.92	25.95	27.0	0.0	
				630668	633332	636000	Tune-up limit	MPR	
					3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0	
				630334	633332	636998	Tune-up limit	MPR	
					3457.5	3499.98	3542.52	(dBm)	(dB)
15	QPSK	1	1	25.94	25.98	25.98	27.0	0.0	
				630334	633332	636334	Tune-up limit	MPR	
					3455.01	3499.98	3545.01	(dBm)	(dB)
10	QPSK	1	1	25.90	25.89	25.91	27.0	0.0	

Part96 n77 Ant7 Default									
BW [MHz]	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)				640000	641666	643332			
100	PI/2 BPSK	1	1	22.40	22.20	22.35			
100	PI/2 BPSK	1	137	22.24	22.22	22.30	23.5	0.0	
100	PI/2 BPSK	1	271	22.33	22.43	22.43			
100	PI/2 BPSK	135	0	22.38	22.24	22.33	23.5	0.0	
100	PI/2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0	
100	PI/2 BPSK	135	138	22.32	22.41	22.28			
100	PI/2 BPSK	270	0	22.18	22.35	22.15	23.5	0.0	
100	QPSK	1	1	22.43	22.47	22.41			
100	QPSK	1	137	22.18	22.30	22.32	23.5	0.0	
100	QPSK	1	271	22.36	22.20	22.28			
100	QPSK	135	0	22.28	22.34	22.26	23.5	0.0	
100	QPSK	135	69	22.32	22.43	22.39	23.5	0.0	
100	QPSK	135	138	22.21	22.30	22.25			
100	QPSK	270	0	22.32	22.41	22.21	23.5	0.0	
100	16QAM	1	1	22.25	22.32	22.35			
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0	
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0	
Channel				639334	641668	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0	
Channel				639000	641668	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel				638668	641668	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0	
Channel				638334	641668	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0	
Channel				638000	641668	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0	
Channel				637668	641668	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0	
Channel				637334	641668	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel				637168	641668	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0	
Channel				637000	641668	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Reduced Power Mode for DSI1 Standalone

n2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37200	37600	38000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	21.64	21.71	21.60		22.5	0.0
20	PI/2 BPSK	1	53	21.53	21.41	21.55			
20	PI/2 BPSK	1	104	21.59	21.43	21.29			
20	PI/2 BPSK	50	0	21.45	21.52	21.53		22.5	0.0
20	PI/2 BPSK	50	28	21.56	21.50	21.36		22.5	0.0
20	PI/2 BPSK	50	56	21.62	21.60	21.58		22.5	0.0
20	PI/2 BPSK	100	0	21.42	21.52	21.70			
20	QPSK	1	1	21.85	21.89	21.84			
20	QPSK	1	53	21.60	21.62	21.46		22.5	0.0
20	QPSK	1	104	21.79	21.47	21.36		22.5	0.0
20	QPSK	50	0	21.59	21.84	21.75			
20	QPSK	50	28	21.67	21.85	21.67			
20	QPSK	50	56	21.54	21.63	21.47		22.5	0.0
20	QPSK	100	0	21.59	21.61	21.41			
20	QPSK	1	1	21.45	21.66	21.48		22.5	0.0
20	16QAM	1	1	21.81	21.79	21.86		22.0	0.5
20	256QAM	1	1	19.74	19.89	19.81		20.0	2.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1860	1902.5			
15	QPSK	1	1	21.62	21.73	21.60		22.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1860	1905			
10	QPSK	1	1	21.63	21.84	21.69		22.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1860	1907.5			
5	QPSK	1	1	21.64	21.70	21.58		22.5	0.0

n5 Ant1									
BW [MHz]	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	24.24	24.33	24.28		25.0	0.0
20	PI/2 BPSK	1	53	24.27	24.32	24.18			
20	PI/2 BPSK	1	104	24.12	24.21	24.09			
20	PI/2 BPSK	50	0	24.20	24.32	24.18		24.5	0.5
20	PI/2 BPSK	50	28	24.26	24.31	24.26		25.0	0.0
20	PI/2 BPSK	50	56	24.15	24.29	24.12		24.5	0.5
20	PI/2 BPSK	100	0	24.16	24.31	24.17			
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26		25.0	0.0
20	QPSK	1	104	24.17	24.27	24.16		24.0	1.0
20	QPSK	50	0	23.78	23.84	23.77			
20	QPSK	50	28	24.21	24.31	24.25			
20	QPSK	50	56	23.66	23.80	23.66		24.0	1.0
20	QPSK	100	0	23.60	23.69	23.52			
20	16QAM	1	1	23.89	23.97	23.84		24.0	1.0
20	64QAM	1	1	22.03	22.05	21.91		22.5	2.5
20	256QAM	1	1	19.88	19.97	19.92		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	24.25	24.30	24.24		25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	835.5	844			
10	QPSK	1	1	24.17	24.28	24.25		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	24.27	24.25	24.23		25.0	0.0

n14 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				158100	158600	159100			
Frequency (MHz)				793					
10	PI/2 BPSK	1	1		24.09			25.0	0.0
10	PI/2 BPSK	1	26		23.99				
10	PI/2 BPSK	1	50		23.89				
10	PI/2 BPSK	25	0		23.92			24.5	0.5
10	PI/2 BPSK	25	14		23.88			25.0	0.0
10	PI/2 BPSK	25	27		23.84			24.5	0.5
10	PI/2 BPSK	50	0		23.92				
10	QPSK	1	1		24.10				
10	QPSK	1	26		23.84			25.0	0.0
10	QPSK	1	50		23.96				
10	QPSK	25	0		23.93			24.0	1.0
10	QPSK	25	14		24.06			25.0	0.0
10	QPSK	25	27		23.01			24.0	1.0
10	QPSK	50	0		23.08				
10	16QAM	1	1		23.06			24.0	1.0
10	64QAM	1	1		21.60			22.5	2.5
10	256QAM	1	1		19.52			20.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	1	23.96	23.99	24.02		25.0	0.0

n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	Pi/2 BPSK	1	1	21.75	21.59	21.62			
40	Pi/2 BPSK	1	108	21.45	21.48	21.57	22.5	0.0	
40	Pi/2 BPSK	1	214	21.46	21.49	21.30			
40	Pi/2 BPSK	108	0	21.38	21.55	21.57	22.5	0.0	
40	Pi/2 BPSK	108	54	21.53	21.52	21.24	22.5	0.0	
40	Pi/2 BPSK	108	108	21.74	21.52	21.89	22.5	0.0	
40	Pi/2 BPSK	216	0	21.44	21.48	21.75			
40	QPSK	1	1	21.85	21.92	21.88			
40	QPSK	1	108	21.56	21.68	21.42	22.5	0.0	
40	QPSK	1	214	21.87	21.49	21.25			
40	QPSK	108	0	21.71	21.88	21.74	22.5	0.0	
40	QPSK	108	54	21.59	21.81	21.71	22.5	0.0	
40	QPSK	108	108	21.43	21.82	21.48	22.5	0.0	
40	QPSK	216	0	21.50	21.86	21.39			
40	16QAM	1	1	21.37	21.70	21.44	22.5	0.0	
40	64QAM	1	1	21.54	21.66	21.56	22.0	0.5	
40	256QAM	1	1	19.91	19.71	19.57	20.0	2.5	
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	21.68	21.89	21.73	22.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1863	1882.5	1900			
30	QPSK	1	1	21.70	21.79	21.67	22.5	0.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	21.63	21.70	21.83	22.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	21.76	21.79	21.79	22.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	21.79	21.74	21.68	22.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	21.68	21.77	21.70	22.5	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	21.71	21.83	21.84	22.5	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	23.44	23.68	23.72			
40	Pi/2 BPSK	1	108	23.58	23.65	23.44	24.5	0.0	
40	Pi/2 BPSK	1	214	23.40	23.62	23.58			
40	Pi/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	Pi/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	Pi/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5	
40	Pi/2 BPSK	216	0	23.55	23.70	23.51			
40	QPSK	1	1	23.80	23.88	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.61	23.64			
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0	
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0	
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0	
40	QPSK	216	0	23.03	23.12	22.93			
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0	
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.81	23.84	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.80	23.75	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	23.66	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	Pi/2 BPSK	1	1	24.08	24.17	24.16			
20	Pi/2 BPSK	1	53	24.11	24.14	24.17	25.0	0.0	
20	Pi/2 BPSK	1	104	23.16	23.26	23.16			
20	Pi/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	Pi/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	Pi/2 BPSK	50	56	24.03	24.09	24.11			
20	Pi/2 BPSK	100	0	24.04	24.08	24.03	24.5	0.5	
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.15	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15			
20	QPSK	100	0	23.14	23.36	23.23	24.0	1.0	
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0	
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5	
40	PI/2 BPSK	216	0	22.59	22.75	22.60			
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0	
40	QPSK	1	108	22.75	22.82	22.64			
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.84	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	22.82	22.71	22.61	23.5	0.0	
Channel				502600	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n41 Ant4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50202	51898	53000	2548.01	2592.99 2644.00	
Frequency (MHz)				2548.01	2592.99	2644.00			
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0	
100	PI/2 BPSK	1	137	21.25	21.36	21.22			
100	PI/2 BPSK	1	271	21.35	21.41	21.25			
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0	
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0	
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0	
100	PI/2 BPSK	270	0	21.20	21.41	21.19			
100	QPSK	1	1	21.52	21.55	21.39	22.0	0.0	
100	QPSK	1	137	21.24	21.42	21.28			
100	QPSK	1	271	21.41	21.49	21.48			
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0	
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0	
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0	
100	QPSK	270	0	21.28	21.51	21.46			
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0	
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0	
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5	
Channel				503202	518998	531998	2541	2592.99 2644.98	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0	
Channel				507204	518998	529998	2536.02	2592.99 2649.98	
Frequency (MHz)				2536.02	2592.99	2649.98			
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0	
Channel				502022	518998	531000	2631.01	2592.99 2655	
Frequency (MHz)				2631.01	2592.99	2655			
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0	
Channel				505200	518998	531998	2526	2592.99 2659.98	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0	
Channel				504204	518998	532000	2621.02	2592.99 2664.99	
Frequency (MHz)				2621.02	2592.99	2664.99			
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0	
Channel				503202	518998	534000	2516.01	2592.99 2670	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0	
Channel				502200	518998	534998	2511	2592.99 2674.98	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0	
Channel				501204	518998	535998	2508.02	2592.99 2679.99	
Frequency (MHz)				2508.02	2592.99	2679.99			
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0	
Channel				500700	518998	536498	2503.5	2592.99 2682.48	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0	
Channel				500202	518998	537000	2501.01	2592.99 2685	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0	

n41 PC2 Ant4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50202	51898	53000	2548.01	2592.99 2644.00	
Frequency (MHz)				2548.01	2592.99	2644.00			
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0	
100	PI/2 BPSK	1	137	24.38	24.42	24.40			
100	PI/2 BPSK	1	271	24.35	24.38	24.27			
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5	
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0	
100	PI/2 BPSK	135	138	23.85	23.87	23.99	24.5	0.5	
100	PI/2 BPSK	270	0	23.90	23.97	23.74			
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0	
100	QPSK	1	137	24.56	24.53	24.52			
100	QPSK	1	271	24.27	24.49	24.38			
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0	
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0	
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0	
100	QPSK	270	0	23.52	23.54	23.53			
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0	
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5	
100	256QAM	1	1	19.57	20.07	19.90	20.5	4.5	
Channel				503200	518998	532998	2541	2592.99 2644.98	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0	
Channel				507204	518998	529998	2536.02	2592.99 2649.99	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0	
Channel				502022	518998	531000	2631.01	2592.99 2655	
Frequency (MHz)				2631.01	2592.99	2655			
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0	
Channel				505200	518998	531998	2526	2592.99 2659.98	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0	
Channel				504204	518998	532000	2621.02	2592.99 2664.99	
Frequency (MHz)				2621.02	2592.99	2664.99			
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0	
Channel				503202	518998	534000	2516.01	2592.99 2670	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0	
Channel				502200	518998	534998	2511	2592.99 2674.98	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0	
Channel				501204	518998	535998	2508.02	2592.99 2679.99	
Frequency (MHz)				2508.02	2592.99	2679.99			
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0	
Channel				500700	518998	536498	2503.5	2592.99 2682.48	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0	
Channel				500202	518998	537000	2501.01	2592.99 2685	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.41	24.49	24.42	25.0	0.0	

n48 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	PV2 BPSK	1	1	22.95	22.93	22.85	24.0	0.0	
40	PV2 BPSK	1	53	22.99	23.03	22.95			
40	PV2 BPSK	1	104	22.93	23.16	23.07			
40	PV2 BPSK	50	0	22.69	22.89	22.74	23.5	0.5	
40	PV2 BPSK	50	26	22.75	22.94	22.84	24.0	0.0	
40	PV2 BPSK	50	56	22.93	23.02	23.05	23.5	0.5	
40	PV2 BPSK	100	0	22.91	22.98	22.80	24.0	0.0	
40	QPSK	1	1	23.01	23.23	23.12			
40	QPSK	1	53	23.09	23.15	22.91			
40	QPSK	1	104	23.09	23.22	23.06	23.0	1.0	
40	QPSK	50	0	22.85	22.75	22.70			
40	QPSK	50	26	22.98	23.21	23.02	24.0	0.0	
40	QPSK	50	56	21.99	22.07	21.90	23.0	1.0	
40	QPSK	100	0	21.91	22.13	22.06	23.0	1.0	
40	16QAM	1	1	22.06	22.09	21.93			
40	64QAM	1	1	20.47	20.63	20.81	21.5	2.5	
40	256QAM	1	1	18.47	18.59	18.40	19.5	4.5	
Channel				637668	641666	645666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3565.02	3624.99	3684.99	24.0	0.0	
30	QPSK	1	1	22.82	23.12	23.02	24.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3565.01	3624.99	3694.98	24.0	0.0	
20	QPSK	1	1	22.04	23.04	23.04	24.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3555	3624.99	3694.98	24.0	0.0	
10	QPSK	1	1	22.86	23.15	23.06	24.0	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0	
100	PV2 BPSK	1	137	23.16	23.21	23.24			
100	PV2 BPSK	1	271	23.17	23.25	23.12			
100	PV2 BPSK	135	0	23.12	23.21	23.03	24.0	0.0	
100	PV2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0	
100	PV2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0	
100	PV2 BPSK	270	0	23.02	23.27	23.26	24.0	0.0	
100	QPSK	1	1	23.24	23.36	23.32			
100	QPSK	1	137	23.20	23.28	23.04			
100	QPSK	1	271	23.26	23.29	23.27	24.0	0.0	
100	QPSK	135	0	23.07	23.26	23.09			
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0	
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0	
100	QPSK	270	0	23.12	23.22	23.01	24.0	0.0	
100	16QAM	1	1	23.13	23.15	23.11			
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0	
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5	
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	24.0	0.0	
90	QPSK	1	1	23.15	23.31	23.26	24.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0	
Channel				648000	656000	662000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	24.0	0.0	
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	24.0	0.0	
60	QPSK	1	1	23.10	23.20	23.15	24.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	24.0	0.0	
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	24.0	0.0	
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	24.0	0.0	
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	24.0	0.0	
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0	
Channel				647166	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	24.0	0.0	
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	24.0	0.0	
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	26.14	26.21	25.97	27.0	0.0	0.0
100	PV2 BPSK	1	137	26.19	26.23	26.15			
100	PV2 BPSK	1	271	26.08	26.21	26.00			
100	PV2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5	0.5
100	PV2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0	0.0
100	PV2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5	0.5
100	PV2 BPSK	270	0	25.69	25.83	25.68	27.0	0.0	0.0
100	QPSK	1	1	26.19	26.36	26.35			
100	QPSK	1	137	26.15	26.24	26.07			
100	QPSK	1	271	26.17	26.31	26.26	26.0	1.0	1.0
100	QPSK	135	0	25.41	25.51	25.43			
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0	0.0
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0	1.0
100	QPSK	270	0	25.23	25.33	25.28	26.0	1.0	1.0
100	16QAM	1	1	25.21	25.20	25.12			
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5	2.5
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5	4.5
Channel				648668	656000	662334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3840	3935.01	27.0	0.0	
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0	0.0
Channel				649334	656000	662668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3840	3940.02	27.0	0.0	
80	QPSK	1	1	26.06	26.28	26.24	27.0	0.0	0.0
Channel				649000	656000	662000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945	27.0	0.0	
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0	0.0
Channel				648668	656000	663334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3950.01	27.0	0.0	
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0	0.0
Channel				648334	656000	663668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3840	3955.02	27.0	0.0	
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0	0.0
Channel				648000	656000	664000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3840	3960	27.0	0.0	
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0	0.0
Channel				647666	656000	663934	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3970.02	27.0	0.0	
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0	0.0
Channel				647334	656000	664666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3970.02	27.0	0.0	
20	QPSK	1	1	26.03	26.26	26.23	27.0	0.0	0.0
Channel				647168	656000	664834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.02	3840	3972.01	27.0	0.0	
15	QPSK	1	1	26.10	26.29	26.30	27.0	0.0	0.0
Channel				647000	656000	665000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975	27.0	0.0	
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0	0.0

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			24.0	0.0	
Frequency (MHz)				3499.98					
100	Pi/2 BPSK	1	1		23.18		24.0	0.0	
100	Pi/2 BPSK	1	137		23.18				
100	Pi/2 BPSK	1	271		23.22		24.0	0.0	
100	Pi/2 BPSK	135	0		23.14				
100	Pi/2 BPSK	135	69		23.15		24.0	0.0	
100	Pi/2 BPSK	135	138		23.17				
100	Pi/2 BPSK	270	0		23.23		24.0	0.0	
100	QPSK	1	1		23.27				
100	QPSK	1	137		23.16		24.0	0.0	
100	QPSK	1	271		23.17				
100	QPSK	135	0		23.17		24.0	0.0	
100	QPSK	135	69		23.23				
100	QPSK	135	138		23.01		24.0	0.0	
100	QPSK	270	0		23.10				
100	16QAM	1	1		23.10		24.0	0.0	
100	16QAM	1	1		23.09				
100	256QAM	1	1		20.94		22.5	1.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.98			
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0	

Part27Q n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			27.0	0.0	
Frequency (MHz)				3499.98					
100	Pi/2 BPSK	1	1		26.14		27.0	0.0	
100	Pi/2 BPSK	1	137		26.15				
100	Pi/2 BPSK	1	271		26.05		26.5	0.5	
100	Pi/2 BPSK	135	0		25.67				
100	Pi/2 BPSK	135	69		26.07		27.0	0.0	
100	Pi/2 BPSK	135	138		25.69				
100	Pi/2 BPSK	270	0		25.68		26.5	0.5	
100	QPSK	1	1		26.25				
100	QPSK	1	137		26.15		27.0	0.0	
100	QPSK	1	271		26.18				
100	QPSK	135	0		25.34		26.0	1.0	
100	QPSK	135	69		26.20				
100	QPSK	135	138		25.11		26.0	1.0	
100	QPSK	270	0		25.25				
100	16QAM	1	1		25.04		26.0	1.0	
100	16QAM	1	1		23.65				
100	256QAM	1	1		21.65		22.5	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	26.09	26.18	26.11	27.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.98			
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0	

Part96 n77 Ant6 Default											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				640000	641666	643332					
Frequency (MHz)				3600	3624.99	3649.98					
100	Pi/2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0			
100	Pi/2 BPSK	1	137	22.36	22.32	22.47					
100	Pi/2 BPSK	1	271	22.36	22.46	22.48					
100	Pi/2 BPSK	135	0	22.49	22.46	22.35					
100	Pi/2 BPSK	135	69	22.33	22.45	22.50					
100	Pi/2 BPSK	135	138	22.38	22.47	22.46					
100	Pi/2 BPSK	270	0	22.32	22.42	22.31					
100	QPSK	1	1	22.49	22.52	22.45					
100	QPSK	1	137	22.28	22.34	22.40					
100	QPSK	1	271	22.38	22.34	22.44					
100	QPSK	135	0	22.31	22.42	22.43					
100	QPSK	135	69	22.43	22.46	22.40					
100	QPSK	135	138	22.36	22.32	22.34					
100	QPSK	270	0	22.39	22.44	22.31					
100	16QAM	1	1	22.30	22.35	22.47					
100	16QAM	1	1	22.46	22.30	22.30					
100	256QAM	1	1	22.30	22.50	22.33					
Channel				639668	641666	643666	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99					
90	QPSK	1	1	22.45	22.34	22.38	23.5			0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)			MPR (dB)	
Frequency (MHz)				3600.01	3624.99	3660					
80	QPSK	1	1	22.42	22.45	22.35	23.5	0.0			
Channel				638900	641666	644332	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3595	3624.99	3664.98					
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0			
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3580.02	3624.99	3669.99					
60	QPSK	1	1	22.30	22.33	22.35	23.5	0.0			
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3575.01	3624.99	3675					
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0			
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3570	3624.99	3624.99					
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0			
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3573.34	3624.99	3649.99					
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0			
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3560.01	3624.99	3690					
20	QPSK	1	1	22.38	22.37	22.28	23.5	0.0			
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3557.52	3624.99	3692.49					
15	QPSK	1	1	22.42	22.42	22.30	23.5	0.0			
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				3555	3624.99	3694.98					
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0			

Part270 n78 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000						
Frequency (MHz)				3750						
100	PV2 BPSK	1	1	23.37						
100	PV2 BPSK	1	137	23.39			24.0	0.0		
100	PV2 BPSK	1	271	23.35						
100	PV2 BPSK	135	0	23.28			23.5	0.5		
100	PV2 BPSK	135	69	23.31			24.0	0.0		
100	PV2 BPSK	135	138	23.25			23.5	0.5		
100	PV2 BPSK	270	0	23.32						
100	QPSK	1	1	23.48						
100	QPSK	1	137	23.35			24.0	0.0		
100	QPSK	1	271	23.40						
100	QPSK	135	0	22.77			23.0	1.0		
100	QPSK	135	69	23.43			24.0	0.0		
100	QPSK	135	138	22.61			23.0	1.0		
100	QPSK	270	0	22.67						
100	16QAM	1	1	22.58			23.0	1.0		
100	64QAM	1	1	21.22			21.5	2.5		
100	256QAM	1	1	19.27			19.5	4.5		
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3750	3755.01				
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0		
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3750	3760.02				
80	QPSK	1	1	23.30	23.30	23.31	24.0	0.0		
Channel				648000	650000	651000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3750	3765				
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0		
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3750	3770.01				
60	QPSK	1	1	23.32	23.29	23.41	24.0	0.0		
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3750	3775.02				
50	QPSK	1	1	23.37	23.37	23.41	24.0	0.0		
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3750	3780				
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0		
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3750	3785.01				
30	QPSK	1	1	23.42	23.41	23.31	24.0	0.0		
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3750	3790.02				
20	QPSK	1	1	23.40	23.31	23.31	24.0	0.0		
Channel				647168	650000	653034	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3750	3792.51				
15	QPSK	1	1	23.42	23.43	23.36	24.0	0.0		
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3750	3795				
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0		

Part27Q n78 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633332						
Frequency (MHz)				3499.98						
100	PV2 BPSK	1	1	23.29						
100	PV2 BPSK	1	137	23.27			24.0	0.0		
100	PV2 BPSK	1	271	23.41						
100	PV2 BPSK	135	0	23.03			23.5	0.5		
100	PV2 BPSK	135	69	23.31			24.0	0.0		
100	PV2 BPSK	135	138	23.09			23.5	0.5		
100	PV2 BPSK	270	0	22.91						
100	QPSK	1	1	23.46						
100	QPSK	1	137	23.42			24.0	0.0		
100	QPSK	1	271	23.37						
100	QPSK	135	0	22.83			23.0	1.0		
100	QPSK	135	69	23.41			24.0	0.0		
100	QPSK	135	138	22.58			23.0	1.0		
100	QPSK	270	0	22.66						
100	16QAM	1	1	22.71			23.0	1.0		
100	64QAM	1	1	21.32			21.5	2.5		
100	256QAM	1	1	19.38			19.5	4.5		
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3495	3499.98	3504.99				
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3490.02	3499.98	3510				
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3485.01	3499.98	3514.98				
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0		
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3480	3499.98	3518.99				
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3475.02	3499.98	3525				
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3470.01	3499.98	3528.98				
40	QPSK	1	1	23.35	23.41	23.32	24.0	0.0		
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465	3499.98	3534.99				
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3460.02	3499.98	3540				
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0		
Channel				630300	633332	636168	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3457.5	3499.98	3542.49				
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3455.01	3499.98	3544.98				
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0		

Part96 n78 PC3 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PV2 BPSK	1	1	22.44	22.45	22.45			
100	PV2 BPSK	1	137	22.42	22.42	22.42	23.5	0.0	
100	PV2 BPSK	1	271	22.41	22.30	22.29			
100	PV2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0	
100	PV2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0	
100	PV2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0	
100	PV2 BPSK	270	0	22.48	22.47	22.37			
100	QPSK	1	1	22.42	22.49	22.46			
100	QPSK	1	137	22.37	22.44	22.41	23.5	0.0	
100	QPSK	1	271	22.33	22.36	22.33			
100	QPSK	135	0	21.82	21.99	21.98	23.0	0.5	
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0	
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5	
100	QPSK	270	0	21.96	22.09	21.97			
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5	
100	16QAM	1	137	21.91	21.94	22.04	21.5	2.0	
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0	
Channel				639668	641666	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3753.98			
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.34	22.39	22.39	23.5	0.0	
Channel				638900	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0	
Channel				638668	641666	646666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3699.99			
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0	
Channel				638000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98			
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0	
Channel				637666	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3695.99			
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0	
Channel				637334	641666	648000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0	
Channel				635000	641666	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3517.5	3624.99	3572.49			
15	QPSK	1	1	22.31	22.31	22.31	23.5	0.0	
Channel				633334	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3624.99	3544.98			
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.75	22.78	22.73			
40	PI/2 BPSK	1	53	22.59	22.76	22.85	23.5	0.0	
40	PI/2 BPSK	1	104	22.86	22.89	22.84			
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0	
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0	
40	PI/2 BPSK	50	58	22.89	22.90	22.73	23.5	0.0	
40	PI/2 BPSK	100	0	22.72	22.87	22.72			
40	QPSK	1	1	22.87	22.83	22.90			
40	QPSK	1	53	22.72	22.70	22.83	23.5	0.0	
40	QPSK	1	104	22.68	22.73	22.79			
40	QPSK	50	0	22.73	22.74	22.62	23.0	0.5	
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0	
40	QPSK	50	58	22.91	22.96	22.43	23.0	0.5	
40	QPSK	100	0	22.54	22.81	22.45	23.0	0.5	
40	16QAM	1	1	22.65	22.75	22.64	23.0	0.5	
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0	
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0	
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
30	QPSK	1	1	22.70	22.82	22.83	23.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR	
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR	
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR	
10	QPSK	1	1	22.73	22.78	22.78	23.5	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.75	22.92	22.79			
100	PI/2 BPSK	1	137	22.85	22.77	22.88	23.5	0.0	
100	PI/2 BPSK	1	271	22.76	22.68	22.76			
100	PI/2 BPSK	135	0	22.66	22.87	22.82	23.5	0.0	
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0	
100	PI/2 BPSK	135	138	22.82	22.70	22.82	23.5	0.0	
100	PI/2 BPSK	270	0	22.84	22.69	22.85			
100	QPSK	1	1	22.86	22.94	22.91			
100	QPSK	1	137	22.70	22.89	22.88	23.5	0.0	
100	QPSK	1	271	22.68	22.78	22.85			
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0	
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0	
100	QPSK	135	138	22.87	22.73	22.89	23.5	0.0	
100	QPSK	270	0	22.82	22.96	22.72			
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0	
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0	
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2650			
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2524.02	2592.99	2654.99			
50	QPSK	1	1	22.76	22.83	22.73	23.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.76	22.86	22.82	23.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.76	22.77	22.74	23.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.67	22.82	22.74	23.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.75	22.84	22.84	23.5	0.0	

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI2 BPSK	1	1	25.72	25.70	25.86			
100	PI2 BPSK	1	137	25.84	25.78	25.82	26.5	0.0	
100	PI2 BPSK	1	271	25.86	25.89	25.89			
100	PI2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0	
100	PI2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0	
100	PI2 BPSK	135	138	25.70	25.86	25.71	26.5	0.0	
100	PI2 BPSK	270	0	25.84	25.78	25.89			
100	QPSK	1	1	25.87	25.90	25.90			
100	QPSK	1	137	25.81	25.71	25.77	26.5	0.0	
100	QPSK	1	271	25.83	25.86	25.70			
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5	
100	QPSK	135	69	25.83	25.88	25.72	26.5	0.0	
100	QPSK	135	138	25.36	25.54	25.31	26.0	0.5	
100	QPSK	270	0	25.14	25.38	25.14			
100	16QAM	1	1	25.38	25.34	25.18	26.0	0.5	
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0	
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0	
Channel				508200	518598	528998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2544	2592.99	2644.98			
90	QPSK	1	1	25.75	25.84	25.72	26.5	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.67	25.78	25.78	26.5	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2650			
70	QPSK	1	1	25.69	25.82	25.77	26.5	0.0	
Channel				505200	518598	531998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2524.02	2592.99	2654.99			
50	QPSK	1	1	25.69	25.81	25.70	26.5	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.69	25.82	25.79	26.5	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.77	25.80	25.79	26.5	0.0	
Channel				500700	518598	536498	Tune-up limit	MPR (dB)	
Frequency (MHz)				2503.50	2592.99	2682.48			
15	QPSK	1	1	25.63	25.77	25.61	26.5	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.71	25.80	25.81	26.5	0.0	

Part270 n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.33	18.43	18.22			
100	PI/2 BPSK	1	137	18.28	18.47	18.31	20.0	0.0	
100	PI/2 BPSK	1	271	18.08	18.18	18.09			
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0	
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0	
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0	
100	PI/2 BPSK	270	0	18.26	18.27	18.09			
100	QPSK	1	1	18.43	18.59	18.39			
100	QPSK	1	137	18.48	18.44	18.44	20.0	0.0	
100	QPSK	1	271	18.06	18.28	18.22			
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0	
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0	
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0	
100	QPSK	270	0	18.19	18.33	18.24			
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0	
100	64QAM	1	1	18.03	18.18	18.05	20.0	0.0	
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5	
Channel									
Frequency (MHz)				649668	656000	662334	Tune-up limit	MPR	
90	QPSK	1	1	3745.02	3840	3935.01	(dBm)	(dB)	
				18.27	18.52	18.31	20.0	0.0	
Channel									
Frequency (MHz)				649334	656000	662668	Tune-up limit	MPR	
80	QPSK	1	1	3740.01	3840	3940.02	(dBm)	(dB)	
				18.36	18.49	18.29	20.0	0.0	
Channel									
Frequency (MHz)				649000	656000	663000	Tune-up limit	MPR	
70	QPSK	1	1	3735	3840	3945	(dBm)	(dB)	
				18.30	18.40	18.23	20.0	0.0	
Channel									
Frequency (MHz)				648668	656000	663334	Tune-up limit	MPR	
60	QPSK	1	1	3730.02	3840	3950.01	(dBm)	(dB)	
				18.24	18.54	18.24	20.0	0.0	
Channel									
Frequency (MHz)				648334	656000	663668	Tune-up limit	MPR	
50	QPSK	1	1	3725.01	3840	3955.02	(dBm)	(dB)	
				18.24	18.50	18.29	20.0	0.0	
Channel									
Frequency (MHz)				648000	656000	664000	Tune-up limit	MPR	
40	QPSK	1	1	3720	3840	3960	(dBm)	(dB)	
				18.29	18.52	18.35	20.0	0.0	
Channel									
Frequency (MHz)				647668	656000	664334	Tune-up limit	MPR	
30	QPSK	1	1	3715.02	3840	3955.01	(dBm)	(dB)	
				18.25	18.50	18.29	20.0	0.0	
Channel									
Frequency (MHz)				647334	656000	664668	Tune-up limit	MPR	
20	QPSK	1	1	3710.01	3840	3970.02	(dBm)	(dB)	
				18.33	18.49	18.24	20.0	0.0	
Channel									
Frequency (MHz)				647168	656000	664834	Tune-up limit	MPR	
15	QPSK	1	1	3707.52	3840	3972.51	(dBm)	(dB)	
				18.28	18.48	18.29	20.0	0.0	
Channel									
Frequency (MHz)				647000	656000	665000	Tune-up limit	MPR	
10	QPSK	1	1	3705	3840	3975	(dBm)	(dB)	
				18.27	18.44	18.23	20.0	0.0	

Part270 n77 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	21.28	21.32	21.21			
100	PI2 BPSK	1	137	21.46	21.44	21.29	23.0	0.0	
100	PI2 BPSK	1	271	21.41	21.47	21.62			
100	PI2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5	
100	PI2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0	
100	PI2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5	
100	PI2 BPSK	270	0	20.89	20.94	20.87			
100	QPSK	1	1	21.81	21.85	21.70			
100	QPSK	1	137	21.40	21.47	21.42	23.0	0.0	
100	QPSK	1	271	21.62	21.78	21.58			
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0	
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0	
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0	
100	QPSK	270	0	20.45	20.64	20.47			
100	16QAM	1	1	20.38	20.44	20.35	22.0	1.0	
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5	
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5	
Channel									
Frequency (MHz)				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.76	21.68	21.65	23.0	0.0	
Frequency (MHz)				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	21.62	21.70	21.55	23.0	0.0	
Channel									
Frequency (MHz)				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.69	21.80	21.58	23.0	0.0	
Channel									
Frequency (MHz)				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.72	21.66	21.65	23.0	0.0	
Channel									
Frequency (MHz)				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	21.62	21.72	21.52	23.0	0.0	
Channel									
Frequency (MHz)				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0	
Channel									
Frequency (MHz)				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.73	21.76	21.54	23.0	0.0	
Channel									
Frequency (MHz)				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.61	21.74	21.52	23.0	0.0	
Channel									
Frequency (MHz)				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.70	21.69	21.64	23.0	0.0	
Channel									
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0	

Part27Q n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633332		3499.98			
100	PI2 BPSK	1	1	18.32					
100	PI2 BPSK	1	137	18.26			20.0	0.0	
100	PI2 BPSK	1	271	18.26			20.0	0.0	
100	PI2 BPSK	135	0	18.43			20.0	0.0	
100	PI2 BPSK	135	69	18.51			20.0	0.0	
100	PI2 BPSK	135	138	18.25			20.0	0.0	
100	PI2 BPSK	270	0	18.21					
100	QPSK	1	1	18.54					
100	QPSK	1	137	18.38			20.0	0.0	
100	QPSK	1	271	18.19					
100	QPSK	135	0	18.11			20.0	0.0	
100	QPSK	135	69	18.52			20.0	0.0	
100	QPSK	135	138	18.36			20.0	0.0	
100	QPSK	270	0	18.36					
100	ISQAM	1	1	18.23			20.0	0.0	
100	64QAM	1	1	18.19			20.0	1.5	
100	256QAM	1	1	17.06			18.5	1.5	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3505.02			
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0	
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3515.01			
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3520.02			
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	18.36	18.40	18.38	20.0	0.0	
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3530.01			
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0	
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3535.02			
30	QPSK	1	1	18.46	18.55	18.43	20.0	0.0	
Channel				630568	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0	
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.52			
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0	
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3545.01			
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0	

Part27Q n77 PC2 Ant2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633332	633668		
Frequency (MHz)				3465	3499.98	3505.02		
100	PI/2 BPSK	1	1	21.30	21.47	21.63	23.0	0.0
100	PI/2 BPSK	1	137	21.47	21.63	21.79	23.0	0.0
100	PI/2 BPSK	1	271	21.63	21.79	21.95	23.0	0.0
100	PI/2 BPSK	135	0	20.95	21.11	21.27	22.5	0.5
100	PI/2 BPSK	135	69	21.11	21.27	21.43	23.0	0.0
100	PI/2 BPSK	135	138	20.89	21.05	21.21	22.5	0.5
100	PI/2 BPSK	270	0	20.95	21.11	21.27	22.5	0.5
100	QPSK	1	1	21.75	21.91	22.07	23.0	0.0
100	QPSK	1	137	21.54	21.70	21.86	23.0	0.0
100	QPSK	1	271	21.47	21.63	21.79	23.0	0.0
100	QPSK	135	0	21.18	21.34	21.50	22.0	1.0
100	QPSK	135	69	21.46	21.62	21.78	23.0	0.0
100	QPSK	135	138	20.38	20.54	20.70	22.0	1.0
100	QPSK	270	0	20.45	20.61	20.77	22.0	1.0
100	16QAM	1	1	20.46	20.62	20.78	22.0	1.0
100	64QAM	1	1	18.89	19.05	19.21	20.5	2.5
100	256QAM	1	1	16.65	16.81	16.97	18.5	4.5
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3505.02		
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510		
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465.01	3499.98	3515.01		
70	QPSK	1	1	21.69	21.69	21.70	23.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3499.98	3520.02		
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3499.98	3525		
50	QPSK	1	1	21.74	21.68	21.65	23.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3530.01		
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3535.02		
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540		
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3499.98	3542.52		
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3499.98	3545.01		
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0

Part96 n77 Ant2 Default								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				640000	641666	643332		
Frequency (MHz)				3500	3524.99	3549.98		
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0
100	PI/2 BPSK	1	137	18.07	18.21	18.15	20.0	0.0
100	PI/2 BPSK	1	271	17.81	17.89	17.74	20.0	0.0
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0
100	PI/2 BPSK	270	0	18.24	18.28	18.26	20.0	0.0
100	QPSK	1	1	18.42	18.47	18.41	20.0	0.0
100	QPSK	1	137	18.29	18.38	18.35	20.0	0.0
100	QPSK	1	271	17.94	18.07	18.03	20.0	0.0
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0
100	QPSK	270	0	18.25	18.35	18.21	20.0	0.0
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5
Channel				639668	641666	643668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3595.02	3624.99	3654.99		
90	QPSK	1	1	18.39	18.39	18.40	20.0	0.0
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3690.01	3624.99	3660		
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3685	3624.99	3694.98		
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0
Channel				638668	641666	644668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3680.02	3624.99	3689.99		
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3675.01	3624.99	3673		
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3670	3624.99	3624.99		
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3665.02	3624.99	3684.98		
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3660.01	3624.99	3690		
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3657.52	3624.99	3692.49		
15	QPSK	1	1	18.30	18.38	18.42	20.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3655	3624.99	3694.98		
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0

n41 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch Freq. 50020	Power Mid Ch Freq. 518598	Power High Ch Freq. 52600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	22.66	22.92	22.93			
100	P12 BPSK	1	137	22.49	22.63	22.48	24.0		
100	P12 BPSK	1	271	22.63	22.61	22.40			
100	P12 BPSK	135	0	22.58	22.76	22.87	24.0		
100	P12 BPSK	135	69	22.36	22.58	22.59	24.0	0.0	
100	P12 BPSK	135	135	22.35	22.55	22.54			
100	P12 BPSK	270	0	22.67	22.75	22.56			
100	QPSK	1	1	22.84	22.93	22.73			
100	QPSK	1	137	22.64	22.71	22.62	24.0	0.0	
100	QPSK	1	271	22.44	22.69	22.45			
100	QPSK	135	0	22.72	22.76	22.73	24.0	0.0	
100	QPSK	135	69	22.87	22.85	22.81	24.0	0.0	
100	QPSK	135	135	22.58	22.60	22.49			
100	QPSK	270	0	22.74	22.83	22.79	24.0	0.0	
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0	
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0	
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.67	22.84	22.83	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.85	22.81	22.59	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.72	22.86	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.77	22.87	22.59	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0	

n41 PC2 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [FHz]	Power Mid Ch [FHz]	Power High Ch [FHz]	Tune-up limit [dBm]	MPR [dB]	
Channel									
Frequency [MHz]									
100	P12 BPSK	1	1	25.61	25.62	25.63			
100	P12 BPSK	1	137	25.35	25.52	25.48	27.0	0.0	
100	P12 BPSK	1	271	25.25	25.44	25.41			
100	P12 BPSK	135	0	24.67	25.06	25.10	26.5	0.5	
100	P12 BPSK	135	69	25.31	25.49	25.50	27.0	0.0	
100	P12 BPSK	135	135	24.87	24.87	24.77	26.5	0.5	
100	P12 BPSK	270	0	24.86	25.05	24.94			
100	QPSK	1	1	25.78	25.81	25.53			
100	QPSK	1	137	25.60	25.66	25.70	27.0	0.0	
100	QPSK	1	271	25.28	25.44	25.38			
100	QPSK	135	0	24.47	24.53	24.50	26.0	1.0	
100	QPSK	135	69	25.60	25.75	25.68	27.0	0.0	
100	QPSK	135	135	24.39	24.43	24.29			
100	16QAM	1	1	24.73	24.83	24.71	26.0	1.0	
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5	
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5	
Channel									
Frequency [MHz]									
90	QPSK	1	1	25.73	25.69	25.37	27.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	25.62	25.58	25.34	27.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	25.61	25.57	25.35	27.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	25.62	25.66	25.39	27.0	0.0	

Part270 n77 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq. 650000	Power Mid Ch / Freq. 656000	Power High Ch / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	19.26	19.26	19.17			
100	P12 BPSK	1	137	19.99	19.09	19.08	20.0	0.0	
100	P12 BPSK	1	271	19.26	19.26	19.08			
100	P12 BPSK	135	0	19.00	19.15	19.16	20.0	0.0	
100	P12 BPSK	135	69	19.04	19.01	19.04	20.0	0.0	
100	P12 BPSK	135	135	18.88	19.03	18.88			
100	P12 BPSK	270	0	19.13	19.08	18.86	20.0	0.0	
100	QPSK	1	1	19.19	19.37	19.26			
100	QPSK	1	137	19.89	19.12	18.93	20.0	0.0	
100	QPSK	1	271	19.10	19.35	19.23			
100	QPSK	135	0	19.10	19.10	19.23	20.0	0.0	
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0	
100	QPSK	135	135	18.92	19.04	19.04			
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0	
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0	
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.00	19.29	19.07	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.99	19.17	19.20	20.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.04	19.16	19.15	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.00	19.32	19.1	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.99	19.32	19.1	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.02	19.24	19.18	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.14	19.19	19.14	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.19	19.19	19.23	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.20	19.19	19.11	20.0	0.0	

Part270 n77 PC2 Ant5									
IM	Modulation	RB Size	RB Offset	Power Low Power High	Power Mod Power High	Power High Power High	Time use (ms)	MPER (dB)	
Channel									
Frequency (MHz)				3750	3650	3650			
100	QPSK	1	21.97	22.02	21.82	21.82	23.0		
100	PB2	1	137	21.97	22.02	21.82	23.0		
100	PB4	1	211	21.94	22.16	22.09	23.0		
100	PB8	1	219	21.96	22.14	22.14	23.0		
100	PB16	135	69	21.97	22.09	21.85	23.0	0.0	
100	PB32	135	136	21.97	22.18	21.92	23.0	0.5	
100	PID PB32	270	0	21.64	21.45	21.27	23.0		
100	QPSK	1	21.97	22.02	21.82	21.82	23.0		
100	QPSK	1	137	21.85	22.04	22.04	23.0	0.0	
100	QPSK	1	221	21.90	22.15	22.15	23.0		
100	QPSK	135	69	22.01	22.25	21.88	23.0	0.0	
100	QPSK	135	136	22.02	22.18	22.07	23.0	1.0	
100	QPSK	1	179	21.87	22.06	22.06	23.0	1.0	
100	16QAM	1	210	21.98	22.12	22.02	23.0	1.0	
100	16QAM	1	19.08	19.68	19.73	20.5	23.0	2.5	
100	256QAM	1	17.49	17.77	17.96	18.1	23.0	4.5	
Frequency (MHz)				3745.02	3645.02	3635.01			
90	QPSK	1	22.03	22.08	21.95	22.0	23.0	0.0	
90	QPSK	1	22.03	22.08	21.95	22.0	23.0	0.0	
90	QPSK	1	21.61	22.01	21.84	22.02	23.0	0.0	
90	QPSK	1	21.91	22.11	21.91	23.0	0.0	0.0	
90	QPSK	135	69	21.93	22.04	21.85	23.0	0.0	
90	QPSK	135	136	21.93	22.04	21.85	23.0	0.0	
90	QPSK	1	21.97	22.04	21.96	23.0	0.0	0.0	
90	QPSK	1	3750.02	3650.02	3650.01	3650.01	23.0	0.0	
90	QPSK	1	3750.02	3650.02	3650.01	3650.01	23.0	0.0	
90	QPSK	1	22.04	22.02	21.92	23.0	0.0	0.0	
Channel									
Frequency (MHz)				6473.34	6500.00	6500.00			
80	QPSK	1	21.96	22.07	21.87	22.0	23.0	0.0	
80	QPSK	1	21.96	22.07	21.87	22.0	23.0	0.0	
80	QPSK	1	6480.00	6500.00	6480.00	6500.00	23.0	0.0	
80	QPSK	1	6480.00	6500.00	6480.00	6500.00	23.0	0.0	
80	QPSK	1	21.97	21.98	21.89	22.0	23.0	0.0	
80	QPSK	1	6476.08	6500.00	6483.34	6500.00	23.0	0.0	
80	QPSK	1	6476.08	6500.00	6483.34	6500.00	23.0	0.0	
80	QPSK	1	21.99	22.08	21.98	23.0	23.0	0.0	
80	QPSK	1	6473.34	6500.00	6468.68	6494.00	23.0	0.0	
80	QPSK	1	6473.34	6500.00	6468.68	6494.00	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0	
80	QPSK	1	21.97	22.03	21.84	23.0	23.0	0.0</	

[illegible]

Part27Q n757 PC2 Ant5							
BitW	Modulation	RB Size	IFF Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel							
	Frequency (MHz)				633332		
100	P2 BPSK	1	1	20.18	3459.98		
100	P2 BPSK	1	137	20.13	20.18		
100	P2 BPSK	1	271	21.03			
150	P2 BPSK	1	15	20.34	22.0	0.0	
150	P2 BPSK	135	65	20.89			
150	P2 BPSK	135	138	21.05			
150	P2 BPSK	270	0	19.97			
100	QPSK	1	1	21.14	22.0		
100	QPSK	1	137	20.89			
100	QPSK	1	271	21.1			
150	QPSK	135	0	19.82	21.0	1.0	
150	QPSK	135	65	21.26			
150	QPSK	135	138	21.05			
150	QPSK	270	0	19.97	21.0	1.0	
100	16QAM	1	1	18.95	21.0	1.0	
100	64QAM	1	1	18.40	19.8	2.5	
100	256QAM	1	1	18.34	17.5	4.0	
Channel							
	Frequency (MHz)			633300	633332	633668	
300	QPSK	1	213	3455	3459.98	3505.02	
50	QPSK	1	213	21.05	21.15	22.0	0.0
Channel							
	Frequency (MHz)			3455	3332	3300	
400	QPSK	1	3480	3459.98	3510	3510	
400	QPSK	1	21.12	21.16	21.04	22.0	0.0
400	QPSK	1	3332	3332	3300	3300	
Channel							
	Frequency (MHz)			3455	3459.98	3510.01	
300	QPSK	1	21.07	21.11	21.19	22.0	0.0
Channel							
	Frequency (MHz)			3455	3332	3300	
340	QPSK	1	3480	3459.98	3502.02		
400	QPSK	1	21.09	21.05	21.14	22.0	0.0
Channel							
	Frequency (MHz)			631866	633332	635000	
50	QPSK	1	21.07	3459.56	3459.5	3459.5	
50	QPSK	1	21.09	21.11	21.07	22.0	0.0
Channel							
	Frequency (MHz)			631334	633332	633034	
340	QPSK	1	3470.01	3459.98	3502.01		
400	QPSK	1	21.05	21.16	21.17	22.0	0.0
Channel							
	Frequency (MHz)			631100	633332	635668	
340	QPSK	1	3468	3459.98	3502.02		
300	QPSK	1	21.06	21.17	21.19	22.0	0.0
Channel							
	Frequency (MHz)			630066	633332	635000	
340	QPSK	1	3468	3459.98	3502.02		
200	QPSK	1	21.16	21.05	21.05	22.0	0.0
Channel							
	Frequency (MHz)			630500	633332	638166	
340	QPSK	1	3468	3459.98	3502.02		
15	QPSK	1	21.15	21.15	21.17	22.0	0.0
Channel							
	Frequency (MHz)			630334	633332	636334	
340	QPSK	1	3502.01	3459.98	3510	3510	
10	QPSK	1	21.10	21.11	21.13	22.0	0.0

[illegible]

n41 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 509202	Power Main Ch./Freq. 518998	Power High Ch./Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	20.29	20.34	20.28		21.5	0.0
100	P12 BPSK	1	137	20.30	20.26	20.36			
100	P12 BPSK	1	271	20.16	20.14	20.24		21.5	0.0
100	P12 BPSK	135	6	20.30	20.26	20.31			
100	P12 BPSK	135	69	20.35	20.19	20.26		21.5	0.0
100	P12 BPSK	135	138	20.25	20.30	20.30		21.5	0.0
100	P12 BPSK	270	0	20.28	20.36	20.28			
100	QPSK	1	1	20.32	20.35	20.14		21.5	0.0
100	QPSK	1	137	20.14	20.29	20.29			
100	QPSK	1	271	20.24	20.12	20.27		21.5	0.0
100	QPSK	135	6	20.17	20.16	20.36			
100	QPSK	135	69	20.12	20.37	20.33		21.5	0.0
100	QPSK	135	138	20.35	20.33	20.13		21.5	0.0
100	QPSK	270	0	20.13	20.31	20.28		21.5	0.0
100	16QAM	1	1	20.28	20.21	20.26			
100	64QAM	1	1	20.12	20.20	20.25		21.5	0.0
100	256QAM	1	1	20.31	20.31	20.13		21.5	0.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.17	20.27	20.00		21.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.22	20.26	20.08		21.5	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.25	20.21	20.08		21.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.23	20.25	19.95		21.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.24	20.26	20.01		21.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.10	20.23	20.10		21.5	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.14	20.32	20.06		21.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.18	20.35	20.04		21.5	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.26	20.24	20.04		21.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.26	20.25	20.05		21.5	0.0

n41 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 509202	Power Main Ch./Freq. 518998	Power High Ch./Freq. 528000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	23.04	23.20	23.24		24.5	0.0
100	P12 BPSK	1	137	23.27	22.98	23.28			
100	P12 BPSK	1	271	22.96	22.69	23.08		24.5	0.0
100	P12 BPSK	135	6	23.06	23.03	23.17			
100	P12 BPSK	135	69	23.30	23.09	23.11		24.5	0.0
100	P12 BPSK	135	138	23.30	23.20	23.04		24.5	0.0
100	P12 BPSK	270	0	23.06	23.32	23.04			
100	QPSK	1	1	23.29	23.34	23.20		24.5	0.0
100	QPSK	1	137	22.87	23.22	23.10			
100	QPSK	1	271	23.05	22.67	23.01		24.5	0.0
100	QPSK	135	6	22.86	22.86	23.23			
100	QPSK	135	69	23.04	23.31	23.05		24.5	0.0
100	QPSK	135	138	23.22	23.18	22.88		24.5	0.0
100	QPSK	270	0	23.07	23.22	23.10		24.5	0.0
100	16QAM	1	1	23.09	23.01	23.00			
100	64QAM	1	1	23.06	23.05	23.01		24.5	0.0
100	256QAM	1	1	22.45	22.51	22.26		23.5	1.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.21	23.21	23.06		24.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.21	23.21	23.06		24.5	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.10	23.18	23.07		24.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.23	23.28	23.06		24.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.17	23.22	23.09		24.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.14	23.22	23.11		24.5	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.24	23.23	23.11		24.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.09	23.22	23.14		24.5	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.16	23.16	23.03		24.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.16	23.19	23.06		24.5	0.0

Part270 n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 650000	Power Main Ch./Freq. 660000	Power High Ch./Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	20.57	20.52	20.62		22.0	0.0
100	P12 BPSK	1	137	20.39	20.58	20.61			
100	P12 BPSK	1	271	20.57	20.35	20.45		22.0	0.0
100	P12 BPSK	135	6	20.72	20.60	20.46			
100	P12 BPSK	135	69	20.35	20.68	20.58		22.0	0.0
100	P12 BPSK	135	138	20.48	20.49	20.48		22.0	0.0
100	P12 BPSK	270	0	20.56	20.56	20.47			
100	QPSK	1	1	20.73	20.75	20.65		22.0	0.0
100	QPSK	1	137	20.48	20.58	20.63			
100	QPSK	1	271	20.55	20.48	20.41		22.0	0.0
100	QPSK	135	6	20.65	20.67	20.36			
100	QPSK	135	69	20.41	20.75	20.54		22.0	0.0
100	QPSK	135	138	20.41	20.48	20.60		22.0	0.0
100	QPSK	270	0	20.45	20.70	20.50		22.0	0.0
100	16QAM	1	1	20.66	20.58	20.66			
100	64QAM	1	1	20.61	20.54	20.54		22.0	0.0
100	256QAM	1	1	19.50	19.61	19.62		21.0	1.0
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.66	20.59	20.55		22.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.56	20.59	20.60		22.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.65	20.64	20.45		22.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.60	20.69	20.57		22.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.60	20.60	20.60		22.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.66	20.71	20.48		22.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.61	20.62	20.55		22.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.54	20.63	20.52		22.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.67	20.64	20.55		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.67	20.64	20.55		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.59		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.60	20.60	20.60		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.52	20.56	20.54		22.0	0.0
Channel									
Frequency (MHz)									

Part270 n77 PC2 Ant7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq. 65000	Power Middle Ch./ Freq. 65000	Power High Ch./ Freq. 65000	Tune up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	P12 BPSK	1	1	23.46	23.54	23.50	25.0			
100	P12 BPSK	1	137	23.34	23.39	23.42	25.0			
100	P12 BPSK	1	271	23.46	23.27	23.31	25.0			
100	P12 BPSK	135	0	23.63	23.59	23.56	25.0			
100	P12 BPSK	135	69	23.54	23.68	23.49	25.0			
100	P12 BPSK	135	138	23.38	23.65	23.39	25.0			
100	P12 BPSK	270	0	23.37	23.49	23.34	25.0			
100	QPSK	1	1	23.68	23.77	23.73	25.0			
100	QPSK	1	137	23.63	23.44	23.67	25.0			
100	QPSK	1	271	23.38	23.43	23.56	25.0			
100	QPSK	135	0	23.46	23.59	23.58	25.0			
100	QPSK	135	69	23.45	23.74	23.32	25.0			
100	QPSK	135	138	23.27	23.30	23.57	25.0			
100	QPSK	270	0	23.60	23.66	23.49	25.0			
100	16QAM	1	1	23.64	23.55	23.54	25.0			
100	64QAM	1	1	22.81	22.59	22.64	24.5			
100	256QAM	1	1	21.50	21.64	21.68	22.5			
Channel										
Frequency (MHz)										
90	QPSK	1	1	23.60	23.59	23.64	25.0			
90	QPSK	1	137	23.34	23.36	23.42	25.0			
90	QPSK	1	271	23.46	23.27	23.31	25.0			
80	QPSK	1	1	23.61	23.63	23.58	25.0			
80	QPSK	1	137	23.34	23.36	23.42	25.0			
80	QPSK	1	271	23.46	23.27	23.31	25.0			
70	QPSK	1	1	23.59	23.64	23.55	25.0			
70	QPSK	1	137	23.34	23.36	23.42	25.0			
70	QPSK	1	271	23.46	23.27	23.31	25.0			
60	QPSK	1	1	23.51	23.60	23.56	25.0			
60	QPSK	1	137	23.34	23.36	23.42	25.0			
60	QPSK	1	271	23.46	23.27	23.31	25.0			
50	QPSK	1	1	23.49	23.65	23.57	25.0			
50	QPSK	1	137	23.34	23.36	23.42	25.0			
50	QPSK	1	271	23.46	23.27	23.31	25.0			
Channel										
Frequency (MHz)										
40	QPSK	1	1	23.52	23.59	23.61	25.0			
40	QPSK	1	137	23.34	23.36	23.42	25.0			
40	QPSK	1	271	23.46	23.27	23.31	25.0			
30	QPSK	1	1	23.53	23.73	23.54	25.0			
30	QPSK	1	137	23.34	23.36	23.42	25.0			
30	QPSK	1	271	23.46	23.27	23.31	25.0			
20	QPSK	1	1	23.48	23.65	23.57	25.0			
20	QPSK	1	137	23.34	23.36	23.42	25.0			
20	QPSK	1	271	23.46	23.27	23.31	25.0			
15	QPSK	1	1	23.61	23.83	23.67	25.0			
15	QPSK	1	137	23.34	23.36	23.42	25.0			
15	QPSK	1	271	23.46	23.27	23.31	25.0			
Channel										
Frequency (MHz)										
10	QPSK	1	1	23.57	23.64	23.56	25.0			

Part27Q n77 Ant7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq. 633332	Power Middle Ch./ Freq. 633332	Power High Ch./ Freq. 633332	Tune up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	P12 BPSK	1	1	20.73						
100	P12 BPSK	1	137	20.83			22.0			
100	P12 BPSK	1	271	20.74						
100	P12 BPSK	135	0	20.84						
100	P12 BPSK	135	69	20.84			22.0	0.0		
100	P12 BPSK	135	138	20.64						
100	P12 BPSK	270	0	20.68			22.0	0.0		
100	QPSK	1	1	20.94						
100	QPSK	1	137	20.83			22.0	0.0		
100	QPSK	1	271	20.67						
100	QPSK	135	0	20.70			22.0	0.0		
100	QPSK	135	69	20.93			22.0	0.0		
100	QPSK	135	138	20.73						
100	QPSK	270	0	20.67			22.0	0.0		
100	16QAM	1	1	20.80						
100	64QAM	1	1	20.86						
100	256QAM	1	1	20.13			21.0	1.0		
Channel										
Frequency (MHz)										
90	QPSK	1	1	20.78	20.76	20.75	22.0	0.0		
90	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
90	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
80	QPSK	1	1	20.90	20.77	20.82	22.0	0.0		
80	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
80	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
70	QPSK	1	1	20.84	20.85	20.77	22.0	0.0		
70	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
70	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
60	QPSK	1	1	20.81	20.82	20.80	22.0	0.0		
60	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
60	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	20.81	20.82	20.80	22.0	0.0		
50	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
50	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	20.78	20.74	20.88	22.0	0.0		
40	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
40	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	20.86	20.84	20.83	22.0	0.0		
30	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
30	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	20.80	20.74	20.80	22.0	0.0		
20	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
20	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	1	20.81	20.88	20.82	22.0	0.0		
15	QPSK	1	137	20.83	20.82	20.81	22.0	0.0		
15	QPSK	1	271	20.74	20.73	20.72	22.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	20.89	20.86	20.85	22.0	0.0		

Part27Q n77 PC2 Ant7											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	P12 BPSK	1	1	23.63							
	P12 BPSK	1	137	23.74			25.0				
	P12 BPSK	1	271	23.68							
	P12 BPSK	135	0	23.65			25.0	0.0			
	P12 BPSK	135	69	23.62			25.0	0.0			
	P12 BPSK	135	138	23.78			25.0	0.0			
	P12 BPSK	270	0	23.69			25.0	0.0			
	QPSK	1	1	23.93							
	QPSK	1	137	23.87			25.0	0.0			
	QPSK	1	271	23.73							
100	QPSK	135	0	23.74			25.0	0.0			
	QPSK	135	69	23.91			25.0	0.0			
	QPSK	135	138	23.68			25.0	0.0			
	QPSK	270	0	23.63			25.0	0.0			
	16QAM	1	1	23.70			25.0	0.0			
	64QAM	1	1	22.74			24.5	0.5			
	256QAM	1	1	21.79			22.5	2.5			
	Channel										
	Frequency (MHz)										
	90	QPSK	1	1	633000	633332	633668	Tune-up limit	MPR		
QPSK		1	1	23.75	23.86	23.82	25.0	0.0			
QPSK		1	137	632668	633332	633996	Tune-up limit	MPR			
80	QPSK	1	1	3690	3699	3710					
	QPSK	1	1	23.77	23.88	23.85	25.0	0.0			
	QPSK	1	137	368332	369000	369668	Tune-up limit	MPR			
Channel											
Frequency (MHz)											
70	QPSK	1	1	932334	933332	934334	Tune-up limit	MPR			
	QPSK	1	1	3665	3699	3715					
	QPSK	1	1	23.80	23.81	23.77	25.0	0.0			
60	QPSK	1	1	372000	373332	374668	Tune-up limit	MPR			
	QPSK	1	1	3480	3699	3720					
	QPSK	1	1	23.81	23.80	23.85	25.0	0.0			
50	QPSK	1	1	631668	633332	635000	Tune-up limit	MPR			
	QPSK	1	1	3475	3698	3725					
	QPSK	1	1	23.77	23.85	23.88	25.0	0.0			
40	QPSK	1	1	631334	633332	635334	Tune-up limit	MPR			
	QPSK	1	1	3470	3699	3730					
	QPSK	1	1	23.84	23.86	23.77	25.0	0.0			
30	QPSK	1	1	631000	633332	635668	Tune-up limit	MPR			
	QPSK	1	1	3460	3698	3735					
	QPSK	1	1	23.83	23.79	23.88	25.0	0.0			
20	QPSK	1	1	630666	633332	636000	Tune-up limit	MPR			
	QPSK	1	1	3450	3692	3740					
	QPSK	1	1	23.74	23.83	23.82	25.0	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	630330	633332	636366	Tune-up limit	MPR			
	QPSK	1	1	3440	3686	3745					
	QPSK	1	1	23.75	23.79	23.82	25.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	630004	633332	636634	Tune-up limit	MPR			
	QPSK	1	1	3430	3684	3743					
	QPSK	1	1	23.85	23.73	23.76	25.0	0.0			

Reduced Power Mode for DS11 ENDC Standalone

n5 Ant1									
BW [MHz]	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	23.73	23.79	23.79			
20	PI/2 BPSK	1	53	23.78	23.75	23.74	24.5	0.0	
20	PI/2 BPSK	1	104	23.58	23.73	23.55			
20	PI/2 BPSK	50	0	23.64	23.79	23.64	24.5	0.0	
20	PI/2 BPSK	50	28	23.78	23.74	23.72	24.5	0.0	
20	PI/2 BPSK	50	56	23.68	23.80	23.58	24.5	0.0	
20	PI/2 BPSK	100	0	23.74	23.80	23.72			
20	QPSK	1	1	23.74	23.81	23.80			
20	QPSK	1	53	23.72	23.71	23.77	24.5	0.0	
20	QPSK	1	104	23.68	23.80	23.66			
20	QPSK	50	0	23.71	23.74	23.73	24.0	0.5	
20	QPSK	50	28	23.65	23.78	23.73	24.5	0.0	
20	QPSK	50	56	23.69	23.70	23.67	24.0	0.5	
20	QPSK	100	0	23.58	23.64	23.56			
20	16QAM	1	1	23.71	23.80	23.76	24.0	0.5	
20	64QAM	1	1	22.08	22.19	21.92	22.5	2.0	
20	256QAM	1	1	19.99	19.89	19.95	20.5	4.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	23.72	23.77	23.76	24.5	0.0	
Channel				162000	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	23.69	23.80	23.76	24.5	0.0	
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	23.69	23.79	23.75	24.5	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.44	23.68	23.72			
40	PI/2 BPSK	1	108	23.58	23.65	23.44	24.5	0.0	
40	PI/2 BPSK	1	214	23.40	23.62	23.58			
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5	
40	PI/2 BPSK	216	0	23.55	23.70	23.51			
40	QPSK	1	1	23.80	23.88	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.61	23.64			
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0	
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0	
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0	
40	QPSK	216	0	23.03	23.12	22.93			
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0	
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0	
Channel				343000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.61	23.64	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.80	23.75	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	23.68	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.08	24.17	24.16			
20	PI/2 BPSK	1	53	24.11	24.14	24.17	25.0	0.0	
20	PI/2 BPSK	1	104	23.18	23.25	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.83	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133500	136100	138500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50400	50700	51000			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0	
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5	
40	PI/2 BPSK	216	0	22.59	22.75	22.60			
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.64	23.5	0.0	
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)		
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)		
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)		
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n2 Ant4 For END C									
BW (MHz)	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	PI/2 BPSK	1	1	19.11	19.17	19.21	20.0	0.0	
20	PI/2 BPSK	1	53	19.10	18.95	19.33			
20	PI/2 BPSK	1	104	19.26	19.28	19.36			
20	PI/2 BPSK	50	0	19.28	19.28	19.25	20.0	0.0	
20	PI/2 BPSK	50	28	19.36	19.10	19.16	20.0	0.0	
20	PI/2 BPSK	50	56	19.01	19.04	19.06	20.0	0.0	
20	PI/2 BPSK	100	0	19.33	19.38	19.17	20.0	0.0	
20	QPSK	1	1	19.33	19.42	19.36			
20	QPSK	1	53	19.28	19.12	19.23			
20	QPSK	1	104	19.34	19.20	19.10	20.0	0.0	
20	QPSK	50	0	19.37	19.15	19.32			
20	QPSK	50	28	19.38	19.40	19.30			
20	QPSK	50	56	19.12	19.17	19.11	20.0	0.0	
20	QPSK	100	0	19.11	19.32	19.15	20.0	0.0	
20	16QAM	1	1	19.40	19.07	19.07			
20	64QAM	1	1	19.09	19.27	19.14			
20	256QAM	1	1	19.34	19.02	19.07	20.0	0.0	
Channel				371000	376000	380500			
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)	
15	QPSK	1	1	19.13	19.02	19.25	20.0	0.0	
Channel				371000	376000	381000			
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	19.09	19.02	19.30	20.0	0.0	
Channel				371000	371000	381500			
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)	
5	QPSK	1	1	19.14	19.01	19.34	20.0	0.0	

n25 Ant4 For END C									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	18.99	19.13	19.20	20.0	0.0	0.0
40	PI2 BPSK	1	108	19.16	18.96	19.11			
40	PI2 BPSK	1	214	19.05	19.17	19.34			
40	PI2 BPSK	108	0	19.21	19.33	19.15	20.0	0.0	0.0
40	PI2 BPSK	108	54	19.30	19.21	19.19	20.0	0.0	0.0
40	PI2 BPSK	108	108	19.04	19.04	19.00	20.0	0.0	0.0
40	PI2 BPSK	216	0	19.37	19.15	19.16	20.0	0.0	0.0
40	QPSK	1	1	19.37	19.45	19.31	20.0	0.0	0.0
40	QPSK	1	108	19.25	18.98	19.18			
40	QPSK	1	214	19.19	19.11	18.97			
40	QPSK	108	0	19.24	19.22	19.31	20.0	0.0	0.0
40	QPSK	108	54	19.37	19.42	19.33	20.0	0.0	0.0
40	QPSK	108	108	19.11	19.11	19.02	20.0	0.0	0.0
40	QPSK	216	0	19.02	19.37	19.14	20.0	0.0	0.0
40	16QAM	1	1	19.25	19.09	19.11	20.0	0.0	0.0
40	64QAM	1	1	18.90	19.18	19.02	20.0	0.0	0.0
40	256QAM	1	1	19.30	18.85	18.96	20.0	0.0	0.0
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.32	19.17	19.08	20.0	0.0	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	19.36	19.17	19.16	20.0	0.0	0.0
Channel				372000	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.33	19.16	19.07	20.0	0.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	19.34	19.22	19.11	20.0	0.0	0.0
Channel				371000	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5 <td>1907.5</td> <th></th> <th></th> <th></th>	1907.5			
15	QPSK	1	1	19.25	19.17	19.12	20.0	0.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	19.27	19.15	19.07	20.0	0.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.25	19.20	19.14	20.0	0.0	0.0

n66 Ant4 For END C									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	17.81	17.79	17.84	18.5	0.0	
40	PI/2 BPSK	1	108	17.87	17.69	17.94			
40	PI/2 BPSK	1	214	17.64	17.83	17.81			
40	PI/2 BPSK	108	0	17.72	17.86	17.79	18.5	0.0	
40	PI/2 BPSK	108	54	17.62	17.88	17.64	18.5	0.0	
40	PI/2 BPSK	108	108	17.74	17.88	17.76	18.5	0.0	
40	PI/2 BPSK	216	0	17.73	17.71	17.96			
40	QPSK	1	1	17.90	18.12	17.93			
40	QPSK	1	108	17.85	17.63	17.84	18.5	0.0	
40	QPSK	1	214	17.94	17.90	17.74	18.5	0.0	
40	QPSK	108	0	17.71	17.74	17.81			
40	QPSK	108	54	17.95	18.07	17.85			
40	QPSK	108	108	17.84	17.77	17.71	18.5	0.0	
40	QPSK	216	0	17.83	17.94	17.76			
40	16QAM	1	1	17.82	17.75	17.76	18.5	0.0	
40	64QAM	1	1	17.80	17.92	17.84	18.5	0.0	
40	256QAM	1	1	17.80	17.85	17.79	18.5	0.0	
Channel				345500	349000	352500			
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	17.83	17.73	17.94	18.5	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	17.75	17.75	18.00	18.5	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
25	QPSK	1	1	17.86	17.77	18.02	18.5	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	17.88	17.70	17.94	18.5	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	17.89	17.77	18.01	18.5	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	17.85	17.75	17.81	18.5	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	17.88	17.72	17.92	18.5	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	23.09	23.23	23.22			
100	PI2 BPSK	1	137	23.18	23.21	23.24	24.0		
100	PI2 BPSK	1	211	23.17	23.25	23.12			
100	PI2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0	
100	PI2 BPSK	135	69	23.22	23.20	23.06	24.0	0.0	
100	PI2 BPSK	135	135	23.07	23.32	23.08			
100	QPSK	1	1	23.24	23.36	23.32			
100	QPSK	1	211	23.20	23.28	23.04			
100	QPSK	135	0	23.07	23.26	23.07	24.0	0.0	
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0	
100	QPSK	135	135	23.24	23.12	23.02	24.0	0.0	
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0	
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0	
100	256QAM	1	1	23.05	23.03	23.07	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.10	23.31	23.26	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.16	23.20	23.15	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.16	23.25	23.17	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.10	23.13	23.25	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	26.14	26.21	25.97			
100	PI2 BPSK	1	137	26.19	26.23	26.15	27.0		
100	PI2 BPSK	1	211	26.08	26.21	26.03			
100	PI2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5	
100	PI2 BPSK	135	69	26.22	26.19	26.12	27.0		
100	PI2 BPSK	135	135	25.78	26.19	25.74			
100	PI2 BPSK	270	0	25.69	25.83	25.68	26.5	0.5	
100	QPSK	1	1	26.19	26.36	26.39			
100	QPSK	1	137	26.15	26.24	26.07	27.0	0.0	
100	QPSK	1	211	26.17	26.31	26.26			
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0	
100	QPSK	135	69	26.24	26.29	26.26	27.0		
100	QPSK	135	135	25.30	25.27	25.25			
100	QPSK	270	0	25.23	25.33	25.29	26.0	1.0	
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0	
100	64QAM	1	1	23.66	23.82	23.61	24.5	2.5	
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.05	26.28	26.24	27.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.11	26.19	26.10	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.12	26.30	26.16	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0	

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	23.18	23.18	23.07			
100	PI2 BPSK	1	137	23.18	23.18		24.0	0.0	
100	PI2 BPSK	1	211	23.22					
100	PI2 BPSK	135	0	23.14			24.0	0.0	
100	PI2 BPSK	135	69	23.15			24.0	0.0	
100	PI2 BPSK	135	135	23.17			24.0	0.0	
100	PI2 BPSK	270	0	23.23			24.0	0.0	
100	QPSK	1	1	23.27					
100	QPSK	1	137	23.16			24.0	0.0	
100	QPSK	1	211	23.17					
100	QPSK	135	0	23.17			24.0	0.0	
100	QPSK	135	69	23.23			24.0	0.0	
100	QPSK	135	135	23.01			24.0	0.0	
100	QPSK	270	0	23.10			24.0	0.0	
100	16QAM	1	1	23.10			24.0	0.0	
100	64QAM	1	1	23.09			24.0	0.0	
100	256QAM	1	1	21.54			22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.10	23.31	23.08	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.09	23.18	23.19	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.07	23.09	23.09	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.09	23.16	23.16	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.09	23.16	23.16	24.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	3500	3624.99	3649.98			
100	PI2 BPSK	1	1	22.43	22.29	22.45			
100	PI2 BPSK	1	137	22.36	22.32	22.47	23.5	0.0	
100	PI2 BPSK	1	244	22.36	22.46	22.48			
100	PI2 BPSK	135	0	22.49	22.48	22.35	23.5	0.0	
100	PI2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0	
100	PI2 BPSK	135	135	22.39	22.47	22.48			
100	PI2 BPSK	210	0	22.32	22.42	22.31	23.5	0.0	
100	QPSK	1	1	22.49	22.52	22.45			
100	QPSK	1	137	22.28	22.34	22.40	23.5	0.0	
100	QPSK	1	211	22.36	22.34	22.44			
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0	
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0	
100	QPSK	135	135	22.36	22.22	22.34	23.5	0.0	
100	QPSK	210	0	22.39	22.44	22.31			
100	16QAM	1	1	22.30	22.38	22.47	23.5	0.0	
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0	
100	256QAM	1	1	22.30	22.30	22.33	23.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3595.02	3624.99	3654.98			
90	QPSK	1	1	22.48	22.34	22.38	23.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3585.01	3624.99	3660			
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	3585	3624.99	3660			
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3585.01	3624.99	3660			
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	3585.01	3624.99	3660			
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	3585.01	3624.99	3660			
40	QPSK	1	1	22.45	22.31	22.30	23.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3585.01	3624.99	3660			
30	QPSK	1	1	22.37	22.37	22.28	23.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	3585.01	3624.99	3660			
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3585.01	3624.99	3660			
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	3585.01	3624.99	3660			
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Part270 n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		3750				
100	PI2 BPSK	1	137		23.37		24.0	0.0	
100	PI2 BPSK	1	241		23.38				
100	PI2 BPSK	135	0		23.28		23.5	0.5	
100	PI2 BPSK	135	69		23.31		24.0	0.0	
100	PI2 BPSK	135	135		23.25		23.5	0.5	
100	PI2 BPSK	210	0		23.32				
100	QPSK	1	1		23.48				
100	QPSK	1	137		23.36		24.0	0.0	
100	QPSK	1	211		23.40				
100	QPSK	135	0		22.77		23.0	1.0	
100	QPSK	135	69		23.43		24.0	0.0	
100	QPSK	135	135		22.61		23.0	1.0	
100	QPSK	210	0		22.67				
100	16QAM	1	1		22.68		23.0	1.0	
100	64QAM	1	1		21.22		21.5	2.5	
100	256QAM	1	1		19.27		19.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3760	3765.01			
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3740.01	3760	3760.02			
80	QPSK	1	1	23.30	23.30	23.31	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	3735	3760	3765			
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3732	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	3728	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	3725	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3722	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	3719	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3716	3760	3761	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	3713	3760	3761	24.0	0.0	

Par27Q n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		3499.98				
100	PI2 BPSK	1	137		23.29		24.0	0.0	
100	PI2 BPSK	1	271		23.27				
100	PI2 BPSK	135	0		23.03		23.5	0.5	
100	PI2 BPSK	135	69		23.31		24.0	0.0	
100	PI2 BPSK	135	135		23.09		23.5	0.5	
100	PI2 BPSK	270	0		22.91				
100	QPSK	1	1		23.46				
100	QPSK	1	137		23.42		24.0	0.0	
100	QPSK	1	271		23.37				
100	QPSK	135	0		22.83		23.0	1.0	
100	QPSK	135	69		23.41		24.0	0.0	
100	QPSK	135	135		22.88		23.0	1.0	
100	QPSK	270	0		22.60				
100	16QAM	1	1		22.71		23.0	1.0	
100	64QAM	1	1		21.32		21.5	2.5	
100	256QAM	1	1		19.38		19.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.99			
90	QPSK	1	1</						

n38 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	23.27	23.32	23.13	24.0	0.0	
40	PI/2 BPSK	1	53	23.23	23.29	23.12			
40	PI/2 BPSK	1	104	23.10	23.31	23.19			
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5	
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0	
40	PI/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5	
40	PI/2 BPSK	100	0	23.09	23.28	23.29			
40	QPSK	1	1	23.33	23.34	23.22			
40	QPSK	1	53	23.22	23.32	23.23	24.0	0.0	
40	QPSK	1	104	23.10	23.33	23.32	23.0	1.0	
40	QPSK	50	0	22.83	22.84	22.72			
40	QPSK	50	28	23.24	23.32	23.26			
40	QPSK	50	56	22.81	22.88	22.53	23.0	0.0	
40	QPSK	100	0	22.84	22.71	22.55	23.0	1.0	
40	16QAM	1	1	22.75	22.85	22.74			
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5	
40	256QAM	1	1	19.13	19.32	19.24	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2445.01	2445	2444.99	24.0	0.0	
30	QPSK	1	1	23.28	23.25	23.08	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610	24.0	0.0	
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51 <th>2595</th> <th>2612.49</th> <td>24.0</td> <td>0.0</td> <td></td>	2595	2612.49	24.0	0.0	
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02 <th>2595</th> <th>2614.98</th> <td>24.0</td> <td>0.0</td> <td></td>	2595	2614.98	24.0	0.0	
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0	

n41 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2540			
100	PI/2 BPSK	1	1	22.98	23.13	23.11	24.0	0.0	
100	PI/2 BPSK	1	137	23.14	23.21	23.24			
100	PI/2 BPSK	1	271	23.26	23.30	23.19			
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0	
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0	
100	PI/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0	
100	PI/2 BPSK	270	0	23.16	23.31	23.03			
100	QPSK	1	1	23.31	23.35	23.22			
100	QPSK	1	137	23.16	23.27	23.12	24.0	0.0	
100	QPSK	1	271	23.14	23.33	23.28			
100	QPSK	135	0	23.15	23.19	23.05			
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0	
100	QPSK	135	138	23.19	23.31	23.16	24.0	0.0	
100	QPSK	270	0	23.28	23.31	23.23	24.0	0.0	
100	16QAM	1	1	23.11	23.32	23.16			
100	64QAM	1	1	23.29	23.33	23.24			
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5	
Channel				506200	518598	528998		MPR (dB)	
Frequency (MHz)				2541.01	2592.99	2544.98	24.0	0.0	
90	QPSK	1	1	23.16	23.29	23.17	24.0	0.0	
Channel				507204	518598	529998		MPR (dB)	
Frequency (MHz)				2536.02	2562.99	2549.99	24.0	0.0	
80	QPSK	1	1	23.25	23.26	23.16	24.0	0.0	
Channel				506202	518598	531000		MPR (dB)	
Frequency (MHz)				2531.01	2562.99	2555	24.0	0.0	
70	QPSK	1	1	23.19	23.32	23.08	24.0	0.0	
Channel				505200	518598	531998		MPR (dB)	
Frequency (MHz)				2526	2562.99	2559.98	24.0	0.0	
60	QPSK	1	1	23.17	23.23	23.12	24.0	0.0	
Channel				504204	518598	532998		MPR (dB)	
Frequency (MHz)				2521.02	2562.99	2554.99	24.0	0.0	
50	QPSK	1	1	23.13	23.24	23.08	24.0	0.0	
Channel				503202	518598	533998		MPR (dB)	
Frequency (MHz)				2516.01	2562.99	2570	24.0	0.0	
40	QPSK	1	1	23.25	23.26	23.05	24.0	0.0	
Channel				502200	518598	534998		MPR (dB)	
Frequency (MHz)				2511	2562.99	2574.98	24.0	0.0	
30	QPSK	1	1	23.22	23.24	23.18	24.0	0.0	
Channel				501204	518598	535998		MPR (dB)	
Frequency (MHz)				2506.02	2562.99	2579.99	24.0	0.0	
20	QPSK	1	1	23.19	23.29	23.10	24.0	0.0	
Channel				500700	518598	536498		MPR (dB)	
Frequency (MHz)				2503.5	2562.99	2582.48	24.0	0.0	
15	QPSK	1	1	23.21	23.31	23.12	24.0	0.0	
Channel				500202	518598	537000		MPR (dB)	
Frequency (MHz)				2501.01	2562.99	2585	24.0	0.0	
10	QPSK	1	1	23.16	23.19	23.17	24.0	0.0	

n41 PC2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	26.02	26.26	26.01	27.0	0.0	
100	PI/2 BPSK	1	137	26.00	26.17	26.01			
100	PI/2 BPSK	1	271	26.06	26.20	26.21			
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5	
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0	
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5	
100	PI/2 BPSK	270	0	26.02	26.20	26.15			
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15	27.0	0.0	
100	QPSK	1	271	26.20	26.23	26.15	26.0	1.0	
100	QPSK	135	0	25.50	25.59	25.51			
100	QPSK	135	69	26.09	26.29	26.22			
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0	
100	QPSK	270	0	25.32	25.54	25.32			
100	16QAM	1	1	25.54	25.52	25.38	26.0	1.0	
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5	
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5	
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	27.0	0.0	
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	27.0	0.0	
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2595	27.0	0.0	
70	QPSK	1	1	26.10	26.16	26.05	27.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	27.0	0.0	
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	27.0	0.0	
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	27.0	0.0	
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	27.0	0.0	
30	QPSK	1	1	26.15	26.25	26.03	27.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	27.0	0.0	
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	27.0	0.0	
15	QPSK	1	1	26.20	26.25	26.03	27.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	27.0	0.0	
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0	

Reduced Power Mode for DSI2 Simultaneous

n2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900			
Frequency (MHz)									
20	Pi/2 BPSK	1	1	21.64	21.71	21.60			
20	Pi/2 BPSK	1	53	21.53	21.41	21.56	22.5	0.0	
20	Pi/2 BPSK	1	104	21.59	21.43	21.29			
20	Pi/2 BPSK	50	0	21.45	21.52	21.63	22.5	0.0	
20	Pi/2 BPSK	50	28	21.56	21.50	21.36	22.5	0.0	
20	Pi/2 BPSK	50	56	21.62	21.60	21.58			
20	Pi/2 BPSK	100	0	21.42	21.52	21.70	22.5	0.0	
20	QPSK	1	1	21.85	21.89	21.84			
20	QPSK	1	53	21.60	21.62	21.46	22.5	0.0	
20	QPSK	1	104	21.79	21.47	21.36			
20	QPSK	50	0	21.59	21.84	21.75	22.5	0.0	
20	QPSK	50	28	21.67	21.85	21.67	22.5	0.0	
20	QPSK	50	56	21.54	21.63	21.47			
20	QPSK	100	0	21.59	21.81	21.41	22.5	0.0	
20	16QAM	1	1	21.45	21.66	21.48	22.5	0.0	
20	64QAM	1	1	21.81	21.70	21.86	22.0	0.5	
20	256QAM	1	1	19.74	19.89	19.81	20.0	2.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	21.62	21.73	21.60	22.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	21.63	21.84	21.60	22.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	21.64	21.70	21.58	22.5	0.0	

n5 Ant1									
BW [MHz]	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	167500	167800			
Frequency (MHz)				834	836.5	839			
20	Pi/2 BPSK	1	1	24.24	24.33	24.28			
20	Pi/2 BPSK	1	53	24.27	24.32	24.18	25.0	0.0	
20	Pi/2 BPSK	1	104	24.12	24.21	24.09			
20	Pi/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	Pi/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	Pi/2 BPSK	50	56	24.15	24.29	24.12			
20	Pi/2 BPSK	100	0	24.16	24.31	24.17	24.5	0.5	
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26	25.0	0.0	
20	QPSK	1	104	24.17	24.27	24.16			
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0	
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0	
20	QPSK	50	56	23.66	23.80	23.66			
20	QPSK	100	0	23.60	23.69	23.52	24.0	1.0	
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0	
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5	
20	256QAM	1	1	19.66	19.97	19.92	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	24.25	24.30	24.24	25.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.17	24.28	24.25	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	24.27	24.25	24.23	25.0	0.0	

n14 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				158600	158900	159200			
Frequency (MHz)				793					
10	Pi/2 BPSK	1	1	24.09					
10	Pi/2 BPSK	1	26	23.99			25.0	0.0	
10	Pi/2 BPSK	1	50	23.89					
10	Pi/2 BPSK	25	0	23.92			24.5	0.5	
10	Pi/2 BPSK	25	14	23.88			25.0	0.0	
10	Pi/2 BPSK	25	27	23.84			24.5	0.5	
10	Pi/2 BPSK	50	0	23.92					
10	QPSK	1	1	24.10					
10	QPSK	1	26	23.94			25.0	0.0	
10	QPSK	1	50	23.96					
10	QPSK	25	0	23.93			24.0	1.0	
10	QPSK	25	14	24.05			25.0	0.0	
10	QPSK	25	27	23.01			24.0	1.0	
10	QPSK	50	0	23.08					
10	16QAM	1	1	23.06			24.0	1.0	
10	64QAM	1	1	21.60			22.5	2.5	
10	256QAM	1	1	19.52			20.5	4.5	
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0	

n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
1870 1882.5 1895									
40	PI/2 BPSK	1	1	21.75	21.59	21.62	22.5	0.0	
40	PI/2 BPSK	1	108	21.45	21.48	21.57			
40	PI/2 BPSK	1	214	21.49	21.49	21.30			
40	PI/2 BPSK	108	0	21.38	21.55	21.57	22.5	0.0	
40	PI/2 BPSK	108	54	21.53	21.52	21.24	22.5	0.0	
40	PI/2 BPSK	108	108	21.74	21.52	21.69	22.5	0.0	
40	PI/2 BPSK	216	0	21.44	21.48	21.75			
40	QPSK	1	1	21.85	21.92	21.88			
40	QPSK	1	108	21.54	21.68	21.42	22.5	0.0	
40	QPSK	1	214	21.87	21.49	21.26	22.5	0.0	
40	QPSK	108	0	21.71	21.88	21.74			
40	QPSK	108	54	21.59	21.81	21.71			
40	QPSK	108	108	21.43	21.72	21.48	22.5	0.0	
40	QPSK	216	0	21.50	21.86	21.39	22.5	0.0	
40	16QAM	1	1	21.37	21.70	21.44			
40	64QAM	1	1	21.54	21.68	21.56			
40	256QAM	1	1	19.51	19.71	19.57	20.0	2.5	
Channel									
Frequency (MHz)									
373500 376500 379500									
35	QPSK	1	1	21.68	21.89	21.73	22.5	0.0	
Channel									
Frequency (MHz)									
1865 1882.5 1900									
30	QPSK	1	1	21.79	21.79	21.67	22.5	0.0	
Channel									
Frequency (MHz)									
372500 376500 380500									
25	QPSK	1	1	21.63	21.70	21.83	22.5	0.0	
Channel									
Frequency (MHz)									
372000 376500 381000									
20	QPSK	1	1	21.76	21.79	21.79	22.5	0.0	
Channel									
Frequency (MHz)									
371500 376500 381500									
15	QPSK	1	1	21.79	21.74	21.68	22.5	0.0	
Channel									
Frequency (MHz)									
371000 376500 382000									
10	QPSK	1	1	21.68	21.77	21.70	22.5	0.0	
Channel									
Frequency (MHz)									
370500 376500 382500									
5	QPSK	1	1	21.71	21.83	21.84	22.5	0.0	

n66 Ant1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
1730 1745 1760											
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0			
40	PI/2 BPSK	1	108	23.58	23.65	23.44					
40	PI/2 BPSK	1	214	23.40	23.62	23.58					
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5			
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0			
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5			
40	PI/2 BPSK	216	0	23.55	23.70	23.51					
40	QPSK	1	1	23.80	23.88	23.82					
40	QPSK	1	108	23.71	23.75	23.71	23.7	0.0			
40	QPSK	1	214	23.68	23.61	23.64	23.5	1.0			
40	QPSK	108	0	22.97	23.18	23.17					
40	QPSK	108	54	23.73	23.86	23.83					
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0			
40	QPSK	216	0	23.03	23.12	22.93	23.5	1.0			
40	16QAM	1	1	23.02	23.14	23.17					
40	64QAM	1	1	21.33	21.50	21.48					
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5			
Channel											
Frequency (MHz)											
1727.5 1747.5 1762.5											
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0			
Channel											
Frequency (MHz)											
345000 349000 353000											
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0			
Channel											
Frequency (MHz)											
344500 349000 353500											
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0			
Channel											
Frequency (MHz)											
344000 349000 354000											
20	QPSK	1	1	23.62	23.80	23.75	24.5	0.0			
Channel											
Frequency (MHz)											
343500 349000 354500											
15	QPSK	1	1	23.66	23.71	23.74	24.5	0.0			
Channel											
Frequency (MHz)											
343000 349000 355000											
10	QPSK	1	1	23.74	23.77	23.67	24.5	0.0			
Channel											
Frequency (MHz)											
342500 349000 355500											
5	QPSK	1	1	23.74	23.84	23.75	24.5	0.0			

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
				134600	137100	137600			
				668	680.5	693			
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.14	24.17			
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.88	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96	24.0	1.0	
20	QPSK	50	0	23.50	23.63	23.55			
20	QPSK	50	28	24.14	24.18	23.97			
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.83	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.68	19.67	20.5	4.5	
Channel									
Frequency (MHz)									
				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel									
Frequency (MHz)									
				668	690.5	693	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel									
Frequency (MHz)									
				665.5	680.5	695.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2500	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59			
40	PI/2 BPSK	1	108	22.66	22.72	22.62	23.5	0.0	
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.73	22.81	22.74			
40	PI/2 BPSK	216	0	22.59	22.75	22.60	23.0	0.5	
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.64	23.5	0.0	
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.86	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.54	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67			
40	QPSK	216	0	21.59	21.75	21.67	22.5	1.0	
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n41 Ant4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50902	51898	52800			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0	
100	PI/2 BPSK	1	137	21.25	21.36	21.22			
100	PI/2 BPSK	1	271	21.35	21.41	21.25			
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0	
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0	
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0	
100	PI/2 BPSK	270	0	21.20	21.41	21.19			
100	QPSK	1	1	21.52	21.55	21.39			
100	QPSK	1	137	21.24	21.42	21.28	22.0	0.0	
100	QPSK	1	271	21.41	21.49	21.48	22.0	0.0	
100	QPSK	135	0	21.32	21.43	21.29			
100	QPSK	135	69	21.33	21.53	21.43			
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0	
100	QPSK	270	0	21.28	21.51	21.46			
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0	
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0	
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5	
Channel				50800	51898	52899	Tune-up limit		MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)		(dB)
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0	
Channel				50704	51898	52998	Tune-up limit		MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)		(dB)
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0	
Channel				50602	51898	53100	Tune-up limit		MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)		(dB)
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0	
Channel				50500	51898	53199	Tune-up limit		MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)		(dB)
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0	
Channel				50404	51898	53299	Tune-up limit		MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)		(dB)
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0	
Channel				50302	51898	53400	Tune-up limit		MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)		(dB)
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0	
Channel				50200	51898	53499	Tune-up limit		MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)		(dB)
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0	
Channel				501204	51898	53598	Tune-up limit		MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)		(dB)
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0	
Channel				50000	51898	53699	Tune-up limit		MPR
Frequency (MHz)				2501.5	2592.99	2682.48	(dBm)		(dB)
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0	
Channel				500202	51898	53700	Tune-up limit		MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)		(dB)
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0	

n41 PC2 Ant4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50902	51898	52800			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	24.53	24.57	24.40	25.0	0.0	0.0
100	PI/2 BPSK	1	137	24.38	24.42	24.40			
100	PI/2 BPSK	1	271	24.35	24.38	24.27			
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5	0.5
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0	0.0
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74			
100	QPSK	1	1	24.57	24.59	24.47			
100	QPSK	1	137	24.56	24.53	24.52	25.0	0.0	0.0
100	QPSK	1	271	24.27	24.49	24.38	24.0	1.0	1.0
100	QPSK	135	0	23.21	23.42	23.36			
100	QPSK	135	69	23.49	24.55	24.46			
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0	1.0
100	QPSK	270	0	23.52	23.54	23.53			
100	16QAM	1	1	23.51	23.48	23.22	24.0	1.0	1.0
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5	2.5
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5	4.5
Channel				50920	51898	52899	Tune-up limit		MPR
Frequency (MHz)				2541	2592.99	2644.98	(dBm)		
90	QPSK	1	1	24.49	24.44	24.32	25.0		0.0
Channel				507204	51898	52998	Tune-up limit		MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)		
80	QPSK	1	1	24.45	24.48	24.40	25.0		0.0
Channel				506202	51898	53100	Tune-up limit		MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)		
70	QPSK	1	1	24.48	24.46	24.33	25.0		0.0
Channel				505200	51898	53199	Tune-up limit		MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)		
60	QPSK	1	1	24.46	24.48	24.33	25.0		0.0
Channel				504204	51898	53299	Tune-up limit		MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)		
50	QPSK	1	1	24.38	24.47	24.37	25.0		0.0
Channel				503202	51898	53400	Tune-up limit		MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)		
40	QPSK	1	1	24.53	24.39	24.42	25.0		0.0
Channel				502200	51898	53599	Tune-up limit		MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)		
30	QPSK	1	1	24.37	24.49	24.28	25.0		0.0
Channel				501204	51898	53598	Tune-up limit		MPR
Frequency (MHz)				2508.02	2592.99	2679.99	(dBm)		
20	QPSK	1	1	24.51	24.44	24.38	25.0		0.0
Channel				50000	51898	53699	Tune-up limit		MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)		
15	QPSK	1	1	24.41	24.48	24.38	25.0		0.0
Channel				500202	51898	53700	Tune-up limit		MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)		
10	QPSK	1	1	24.41	24.49	24.42	25.0		0.0

n48 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				638000	641666	645332	20.5	0.0		
Frequency (MHz)				3570	3624.99	3679.98				
40	PV2 BPSK	1	1	19.64	19.67	19.59	20.5	0.0		
40	PV2 BPSK	1	53	19.72	19.63	19.65				
40	PV2 BPSK	1	104	19.69	19.72	19.53	20.5	0.0		
40	PV2 BPSK	50	0	19.62	19.74	19.73				
40	PV2 BPSK	50	26	19.61	19.72	19.67	20.5	0.0		
40	PV2 BPSK	50	56	19.71	19.64	19.64				
40	PV2 BPSK	100	0	19.61	19.70	19.74	20.5	0.0		
40	QPSK	1	1	19.72	19.76	19.74				
40	QPSK	1	53	19.62	19.57	19.64	20.5	0.0		
40	QPSK	1	104	19.73	19.64	19.74				
40	QPSK	50	0	19.66	19.59	19.72	20.5	0.0		
40	QPSK	50	26	19.69	19.74	19.68				
40	QPSK	50	56	19.57	19.71	19.67	20.5	0.0		
40	QPSK	100	0	19.69	19.71	19.63				
40	16QAM	1	1	19.72	19.72	19.61	20.5	0.0		
40	64QAM	1	1	19.65	19.57	19.75				
40	256QAM	1	1	18.47	18.59	18.40	19.5	1.0		
Channel				537268	541666	545268				
Frequency (MHz)				3565.02	3624.99	3684.99	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	19.65	19.60	19.68	20.5	0.0		
Channel				637334	641666	646000				
Frequency (MHz)				3560.01	3624.99	3690	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	19.62	19.60	19.55	20.5	0.0		
Channel				637000	641666	646332				
Frequency (MHz)				3555	3624.99	3694.98	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	19.65	19.65	19.60	20.5	0.0		
Channel										

Part270 n77 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	656000	662000	24.0	0.0		
Frequency (MHz)				3750	3840	3930				
100	PV2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0		
100	PV2 BPSK	1	137	23.18	23.21	23.24				
100	PV2 BPSK	1	271	23.17	23.25	23.12	24.0	0.0		
100	PV2 BPSK	135	0	23.12	23.19	23.03				
100	PV2 BPSK	135	69	23.22	23.20	22.96	24.0	0.0		
100	PV2 BPSK	135	138	23.27	23.32	23.08				
100	PV2 BPSK	270	0	23.02	23.27	23.26	24.0	0.0		
100	QPSK	1	1	23.24	23.36	23.32				
100	QPSK	1	137	23.20	23.28	23.04	24.0	0.0		
100	QPSK	1	271	23.25	23.29	23.27				
100	QPSK	135	0	23.07	23.25	23.09	24.0	0.0		
100	QPSK	135	69	23.12	23.28	23.14				
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0		
100	QPSK	270	0	23.12	23.22	23.01				
100	16QAM	1	1	23.13	23.15	23.11	24.0	0.0		
100	64QAM	1	1	23.03	23.19	22.99				
100	256QAM	1	1	20.95	21.03	20.97	22.5	1.5		
Channel				549688	556000	562334				
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	23.15	23.31	23.26	24.0	0.0		
Channel				649334	656000	662668				
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dBm)	MPR (dB)		
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0		
Channel				648000	656000	663000				
Frequency (MHz)				3735	3840	3945	Tune-up limit (dBm)	MPR (dB)		
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0		
Channel				648668	656000	663334				
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dBm)	MPR (dB)		
60	QPSK	1	1	23.10	23.20	23.15	24.0	0.0		
Channel				648334	656000	663668				
Frequency (MHz)				3725.01	3840	3955.02	Tune-up limit (dBm)	MPR (dB)		
50	QPSK	1	1	23.18	23.28	23.17	24.0	0.0		
Channel				648000	656000	664000				
Frequency (MHz)				3720	3840	3960	Tune-up limit (dBm)	MPR (dB)		
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0		
Channel				647668	656000	664334				
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0		
Channel				647334	656000	664668				
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0		
Channel				647168	656000	664934				
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0		
Channel				647000	656000	665000				
Frequency (MHz)				3705	3840	3975	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0		
Channel										

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000	656000	662000	27.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	26.14	26.21	25.97	27.0	0.0	
100	PV2 BPSK	1	137	26.19	26.23	26.15			
100	PV2 BPSK	1	271	26.08	26.21	26.00	26.5	0.5	
100	PV2 BPSK	135	0	25.86	25.83	25.80			
100	PV2 BPSK	135	69	26.22	26.19	26.12	26.5	0.5	
100	PV2 BPSK	135	138	25.78	25.79	25.74			
100	PV2 BPSK	270	0	25.69	25.83	25.68	27.0	0.0	
100	QPSK	1	1	26.19	26.36	26.35			
100	QPSK	1	137	26.15	26.24	26.07	27.0	0.0	
100	QPSK	1	271	26.17	26.31	26.26			
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0	
100	QPSK	135	69	26.24	26.29	26.26			
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0	
100	QPSK	270	0	25.23	25.33	25.28			
100	16QAM	1	1	25.21	25.20	25.12	26.0	1.0	
100	64QAM	1	1	23.66	23.62	23.61		2.5	
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5	
Channel				649668	656000	662334			
Frequency (MHz)				3745.02	3840	3935.01	Tune-up limit (dbm)	MPR (db)	
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3840	3940.02	Tune-up limit (dbm)	MPR (db)	
80	QPSK	1	1	26.05	26.22	26.24	27.0	0.0	
Channel				648900	656000	663000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945	Tune-up limit (dbm)	MPR (db)	
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3950.01	Tune-up limit (dbm)	MPR (db)	
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.01	3840	3955.02	Tune-up limit (dbm)	MPR (db)	
50	QPSK	1	1	26.02	26.29	26.17	27.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3840	3960	Tune-up limit (dbm)	MPR (db)	
40	QPSK	1	1	26.21	26.19	26.16	27.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3965.01	Tune-up limit (dbm)	MPR (db)	
30	QPSK	1	1	26.08	26.30	26.25	27.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3970.02	Tune-up limit (dbm)	MPR (db)	
20	QPSK	1	1	26.03	26.26	26.23	27.0	0.0	
Channel				646968	656000	664834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3840	3972.51	Tune-up limit (dbm)	MPR (db)	
15	QPSK	1	1	26.12	26.20	26.30	27.0	0.0	
Channel				646500	656000	665000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975	Tune-up limit (dbm)	MPR (db)	
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0	

Part27Q n77 Ant6										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633332			3499.98			
Frequency (MHz)				3499.98						
100	PV2 BPSK	1	1	23.18			24.0	0.0		
100	PV2 BPSK	1	137	23.18						
100	PV2 BPSK	1	271	23.22						
100	PV2 BPSK	135	0	23.14			24.0	0.0		
100	PV2 BPSK	135	69	23.15			24.0	0.0		
100	PV2 BPSK	135	138	23.17			24.0	0.0		
100	PV2 BPSK	270	0	23.23			24.0	0.0		
100	QPSK	1	1	23.27			24.0	0.0		
100	QPSK	1	137	23.16						
100	QPSK	1	271	23.17						
100	QPSK	135	0	23.17			24.0	0.0		
100	QPSK	135	69	23.23			24.0	0.0		
100	QPSK	135	138	23.01			24.0	0.0		
100	QPSK	270	0	23.10			24.0	0.0		
100	16QAM	1	1	23.10			24.0	0.0		
100	64QAM	1	1	23.09			24.0	0.0		
100	256QAM	1	1	20.84			22.5	1.5		
Channel				633000	633332	633666	Tune-up limit	MPR		
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)		
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0		
Channel				632668	633332	634000	Tune-up limit	MPR		
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)		
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0		
Channel				632334	633332	634332	Tune-up limit	MPR		
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)		
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0		
Channel				632000	633332	634666	Tune-up limit	MPR		
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)		
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0		
Channel				631668	633332	635000	Tune-up limit	MPR		
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)		
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0		
Channel				631334	633332	635332	Tune-up limit	MPR		
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)		
40	QPSK	1	1	23.08	23.18	23.19	24.0	0.0		
Channel				631000	633332	635666	Tune-up limit	MPR		
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)		
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0		
Channel				630668	633332	636000	Tune-up limit	MPR		
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)		
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0		
Channel				630330	633332	636166	Tune-up limit	MPR		
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)		
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0		
Channel				630034	633332	636332	Tune-up limit	MPR		
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)		
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0		

Part27Q n77 PC2 Ant6								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633332			3499.98	
Frequency (MHz)				3499.98				
100	PV2 BPSK	1	1	26.14			27.0	0.0
100	PV2 BPSK	1	137	26.15				
100	PV2 BPSK	1	271	26.05				
100	PV2 BPSK	135	0	25.87			26.5	0.5
100	PV2 BPSK	135	69	26.07			27.0	0.0
100	PV2 BPSK	135	138	25.89			26.5	0.5
100	PV2 BPSK	270	0	25.88			27.0	0.0
100	QPSK	1	1	26.25			27.0	0.0
100	QPSK	1	137	26.15				
100	QPSK	1	271	26.18				
100	QPSK	135	0	25.34			26.0	1.0
100	QPSK	135	69	26.20			27.0	0.0
100	QPSK	135	138	25.11			26.0	1.0
100	QPSK	270	0	25.25			26.0	1.0
100	16QAM	1	1	25.04			26.0	1.0
100	64QAM	1	1	23.85			24.5	2.5
100	256QAM	1	1	21.85			22.5	4.5
Channel				633000	633332	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)
80	QPSK	1	1	26.09	26.16	26.11	27.0	0.0
Channel				632334	633332	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0
Channel				632000	633332	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0
Channel				631334	633332	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0
Channel				631000	633332	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0
Channel				630330	633332	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0
Channel				630034	633332	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0

Part96 n77 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PV2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0	
100	PV2 BPSK	1	137	22.36	22.32	22.47			
100	PV2 BPSK	1	271	22.36	22.46	22.48			
100	PV2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0	
100	PV2 BPSK	135	69	22.33	22.45	22.30	23.5	0.0	
100	PV2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0	
100	PV2 BPSK	270	0	22.32	22.42	22.31			
100	QPSK	1	1	22.48	22.52	22.45	23.5	0.0	
100	QPSK	1	137	22.46	22.32	22.39			
100	QPSK	1	271	22.38	22.34	22.44			
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0	
100	QPSK	135	69	22.43	22.46	22.43	23.5	0.0	
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0	
100	QPSK	270	0	22.39	22.44	22.31			
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0	
100	16QAM	1	137	22.46	22.32	22.39	23.5	0.0	
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	3595.02	3624.99	3654.99	23.8	0.0	
Frequency (MHz)				369334	641666	644300	23.8	0.0	
Frequency (MHz)				3690.01	3624.99	3660	23.8	0.0	
80	QPSK	1	1	22.40	22.42	22.35	23.5	0.0	
Channel				638900	641666	643332	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	3595	3624.99	3664.98	23.5	0.0	
Frequency (MHz)				22.41	22.37	22.31	23.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	3580.02	3624.99	3669.99	23.5	0.0	
Frequency (MHz)				637334	641666	645000	23.5	0.0	
Channel				637334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	3575.01	3624.99	3675	23.5	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	3570	3624.99	3674.99	23.5	0.0	
Frequency (MHz)				22.45	22.34	22.30	23.5	0.0	
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	3563.32	3624.99	3669	23.5	0.0	
Frequency (MHz)				22.37	22.33	22.33	23.5	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	3560.01	3624.99	3690	23.5	0.0	
Frequency (MHz)				637668	641666	646166	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	3557.42	3624.99	3692.49	23.5	0.0	
Channel				637334	641666	646332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	3550	3624.99	3694.98	23.5	0.0	
Frequency (MHz)				22.38	22.33	22.28	23.5	0.0	

Part270 n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				65000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	23.37			24.0	0.0	
100	PI/2 BPSK	1	137	23.39					
100	PI/2 BPSK	1	271	23.35					
100	PI/2 BPSK	135	0	23.28			23.5	0.5	
100	PI/2 BPSK	135	69	23.31			24.0	0.0	
100	PI/2 BPSK	135	138	23.25			23.5	0.5	
100	PI/2 BPSK	270	0	23.32					
100	QPSK	1	1	23.48			24.0	0.0	
100	QPSK	1	137	23.35					
100	QPSK	1	271	23.40					
100	QPSK	135	0	22.77			23.0	1.0	
100	QPSK	135	69	23.43			24.0	0.0	
100	QPSK	135	138	22.61			23.0	1.0	
100	QPSK	270	0	22.67					
100	16QAM	1	1	22.58			23.0	1.0	
100	64QAM	1	1	21.22			21.5	2.5	
100	256QAM	1	1	19.27			19.5	4.5	
Channel				64968	65000	65033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	24.0	0.0	
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0	
Channel				64933	65000	65068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	24.0	0.0	
80	QPSK	1	1	23.30	23.30	23.31	24.0	0.0	
Channel				64900	65000	65100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	24.0	0.0	
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0	
Channel				64868	65000	65133	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	24.0	0.0	
60	QPSK	1	1	23.32	23.29	23.41	24.0	0.0	
Channel				64833	65000	65168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	24.0	0.0	
50	QPSK	1	1	23.37	23.37	23.41	24.0	0.0	
Channel				64800	65000	65200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	24.0	0.0	
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0	
Channel				64765	65000	65233	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	24.0	0.0	
30	QPSK	1	1	23.42	23.41	23.31	24.0	0.0	
Channel				64733	65000	65268	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	24.0	0.0	
20	QPSK	1	1	23.40	23.31	23.31	24.0	0.0	
Channel				64700	65000	65283	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	24.0	0.0	
15	QPSK	1	1	23.42	23.43	23.36	24.0	0.0	
Channel				64700	65000	65300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	24.0	0.0	
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0	

Part27Q n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				63332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	23.29			24.0	0.0	
100	PI/2 BPSK	1	137	23.27					
100	PI/2 BPSK	1	271	23.41					
100	PI/2 BPSK	135	0	23.03			23.5	0.5	
100	PI/2 BPSK	135	69	23.31			24.0	0.0	
100	PI/2 BPSK	135	138	23.09			23.5	0.5	
100	PI/2 BPSK	270	0	22.91					
100	QPSK	1	1	23.46			24.0	0.0	
100	QPSK	1	137	23.42					
100	QPSK	1	271	23.37					
100	QPSK	135	0	22.83			23.0	1.0	
100	QPSK	135	69	23.41			24.0	0.0	
100	QPSK	135	138	22.58			23.0	1.0	
100	QPSK	270	0	22.66					
100	16QAM	1	1	22.71			23.0	1.0	
100	64QAM	1	1	21.32			21.5	2.5	
100	256QAM	1	1	19.38			19.5	4.5	
Channel				63300	63332	63366	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99	24.0	0.0	
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel				63268	63332	63400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3499.98	3510	24.0	0.0	
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0	
Channel				63233	63332	63432	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98	24.0	0.0	
70	QPSK	1	1	23.39	23.41	23.28	24.0	0.0	
Channel				63200	63332	63466	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3515.99	24.0	0.0	
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0	
Channel				63168	63332	63500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525	24.0	0.0	
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0	
Channel				63133	63332	63532	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98	24.0	0.0	
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0	
Channel				63100	63332	63566	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99	24.0	0.0	
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0	
Channel				63068	63332	63600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540	24.0	0.0	
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0	
Channel				63033	63332	63616	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49	24.0	0.0	
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0	
Channel				63033	63332	63632	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98	24.0	0.0	
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0	

Part96 n78 PC3 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				64000	64166	64332			
Frequency (MHz)				3600	3624.99	3649.98			
100	Pi/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0	
100	Pi/2 BPSK	1	137	22.42	22.42	22.42			
100	Pi/2 BPSK	1	271	22.41	22.30	22.29			
100	Pi/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0	
100	Pi/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0	
100	Pi/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0	
100	Pi/2 BPSK	270	0	22.48	22.47	22.38			
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0	
100	QPSK	1	137	22.42	22.44	22.41			
100	QPSK	1	271	22.43	22.33	22.33			
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5	
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0	
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5	
100	QPSK	270	0	21.96	22.09	21.97			
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5	
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0	
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0	
Channel				63968	64166	65032	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3754.98			
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0	
Channel				63934	64166	64400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.24	22.30	22.30	23.5	0.0	
Channel				63898	64166	64332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0	
Channel				63866	64166	64666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3699.99			
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0	
Channel				63830	64166	64500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3573.02	3624.99	3680			
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0	
Channel				63800	64166	65332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98			
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0	
Channel				63768	64166	64586	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3563.02	3624.99	3659.99			
30	QPSK	1	1	22.31	22.30	22.29	23.5	0.0	
Channel				63734	64166	65000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0	
Channel				63500	64166	63166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3624.99	3542.49			
15	QPSK	1	1	22.26	22.32	22.32	23.5	0.0	
Channel				3450	3624.99	3433.2	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3624.99	3544.98			
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.75	22.78	22.73			
40	PI/2 BPSK	1	53	22.69	22.76	22.85	23.5	0.0	
40	PI/2 BPSK	1	104	22.86	22.89	22.84			
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0	
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0	
40	PI/2 BPSK	50	56	22.89	22.90	22.73			
40	PI/2 BPSK	100	0	22.72	22.67	22.72	23.5	0.0	
40	QPSK	1	1	22.87	22.93	22.90			
40	QPSK	1	53	22.72	22.70	22.83	23.5	0.0	
40	QPSK	1	104	22.68	22.73	22.79			
40	QPSK	50	0	22.73	22.74	22.62	23.0	0.5	
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0	
40	QPSK	50	56	22.91	22.98	22.43			
40	QPSK	100	0	22.54	22.61	22.45	23.0	0.5	
40	16QAM	1	1	22.85	22.75	22.64	23.0	0.5	
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0	
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0	
Channel				517002	519000	520998	Tune-up limit (dB)	MPR	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	22.70	22.82	22.83	23.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2580	2596	2610			
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dB)	MPR	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2575.02	2596	2614.98			
10	QPSK	1	1	22.73	22.78	22.76	23.5	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2552.99	2540			
100	PI/2 BPSK	1	1	22.75	22.92	22.79			
100	PI/2 BPSK	1	137	22.85	22.77	22.88	23.5	0.0	
100	PI/2 BPSK	1	271	22.76	22.68	22.76			
100	PI/2 BPSK	135	0	22.66	22.87	22.92	23.5	0.0	
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0	
100	PI/2 BPSK	135	138	22.82	22.70	22.82			
100	PI/2 BPSK	270	0	22.84	22.69	22.85	23.5	0.0	
100	QPSK	1	1	22.86	22.94	22.91			
100	QPSK	1	137	22.70	22.89	22.68	23.5	0.0	
100	QPSK	1	271	22.68	22.78	22.85			
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0	
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0	
100	QPSK	135	138	22.67	22.73	22.89			
100	QPSK	270	0	22.82	22.66	22.72	23.5	0.0	
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0	
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0	
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2649.99			
50	QPSK	1	1	22.78	22.83	22.73	23.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.78	22.86	22.82	23.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.70	22.77	22.74	23.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.67	22.62	22.74	23.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.75	22.84	22.84	23.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2549.01	2592.99	2540			
100	PI/2 BPSK	1	1	25.72	25.70	25.86			
100	PI/2 BPSK	1	137	25.84	25.76	25.82	26.5	0.0	
100	PI/2 BPSK	1	271	25.86	25.89	25.89			
100	PI/2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0	
100	PI/2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0	
100	PI/2 BPSK	135	138	25.70	25.66	25.71			
100	PI/2 BPSK	270	0	25.84	25.76	25.89	26.5	0.0	
100	QPSK	1	1	25.87	25.92	25.90			
100	QPSK	1	137	25.81	25.71	25.77	26.5	0.0	
100	QPSK	1	271	25.83	25.86	25.70			
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5	
100	QPSK	135	69	25.63	25.68	25.72	26.5	0.0	
100	QPSK	135	138	25.36	25.54	25.31			
100	QPSK	270	0	25.14	25.35	25.14	26.0	0.5	
100	16QAM	1	1	25.36	25.34	25.18	26.0	0.5	
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0	
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	25.76	25.81	25.72	26.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.67	25.79	25.78	26.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.68	25.82	25.77	26.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2649.99			
50	QPSK	1	1	25.68	25.81	25.70	26.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.77	25.80	25.70	26.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.77	25.80	25.79	26.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	25.60	25.77	25.81	26.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.71	25.80	25.81	26.5	0.0	

Part270 n77 Ant2

BW [MHz]	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)				3720	3640	3700		
100	PV2 BPSK	1	1	18.33	18.43	18.22		
100	PV2 BPSK	1	137	18.28	18.47	18.31	20.0	0.0
100	PV2 BPSK	1	271	18.08	18.18	18.09		
100	PV2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0
100	PV2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0
100	PV2 BPSK	135	138	18.19	18.35	18.17		
100	PV2 BPSK	270	0	18.26	18.27	18.09	20.0	0.0
100	QPSK	1	1	18.43	18.59	18.39		
100	QPSK	1	137	18.48	18.44	18.44	20.0	0.0
100	QPSK	1	271	18.06	18.28	18.22		
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0
100	QPSK	135	138	18.26	18.39	18.15		
100	QPSK	270	0	18.19	18.33	18.24	20.0	0.0
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5
Channel								
Frequency (MHz)				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0
Channel								
Frequency (MHz)				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0
Channel								
Frequency (MHz)				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0
Channel								
Frequency (MHz)				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0
Channel								
Frequency (MHz)				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel								
Frequency (MHz)				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0
Channel								
Frequency (MHz)				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	18.24	18.50	18.29	20.0	0.0
Channel								
Frequency (MHz)				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0
Channel								
Frequency (MHz)				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0
Channel								
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0

Part270 n77 PC2 Ant2

BW [MHz]	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)				3720	3640	3700		
100	PV2 BPSK	1	1	21.28	21.32	21.21		
100	PV2 BPSK	1	137	21.46	21.44	21.29	23.0	0.0
100	PV2 BPSK	1	271	21.53	21.75	21.62		
100	PV2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5
100	PV2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0
100	PV2 BPSK	135	138	20.99	21.04	20.96		
100	PV2 BPSK	270	0	20.89	20.94	20.87	22.5	0.5
100	QPSK	1	1	21.81	21.85	21.70		
100	QPSK	1	137	21.40	21.47	21.42	23.0	0.0
100	QPSK	1	271	21.62	21.78	21.58		
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0
100	QPSK	135	138	20.22	20.43	20.35		
100	QPSK	270	0	20.49	20.64	20.47	22.0	1.0
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5
Channel								
Frequency (MHz)				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	21.76	21.68	21.65	23.0	0.0
Channel								
Frequency (MHz)				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	21.62	21.70	21.55	23.0	0.0
Channel								
Frequency (MHz)				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	21.69	21.80	21.56	23.0	0.0
Channel								
Frequency (MHz)				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	21.72	21.66	21.65	23.0	0.0
Channel								
Frequency (MHz)				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	21.62	21.72	21.52	23.0	0.0
Channel								
Frequency (MHz)				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0
Channel								
Frequency (MHz)				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	21.76	21.69	21.64	23.0	0.0
Channel								
Frequency (MHz)				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.61	21.74	21.52	23.0	0.0
Channel								
Frequency (MHz)				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.76	21.69	21.64	23.0	0.0
Channel								
Frequency (MHz)				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0

Part27Q n77 Ant2

BW [MHz]	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)				633000	633332	3499.98		
100	PV2 BPSK	1	1			18.32		
100	PV2 BPSK	1	137			18.26	20.0	0.0
100	PV2 BPSK	1	271			18.05		
100	PV2 BPSK	135	0			18.43	20.0	0.0
100	PV2 BPSK	135	69			18.51	20.0	0.0
100	PV2 BPSK	135	138			18.25		
100	PV2 BPSK	270	0			18.21	20.0	0.0
100	QPSK	1	1			18.54		
100	QPSK	1	137			18.38	20.0	0.0
100	QPSK	1	271			18.19		
100	QPSK	135	0			18.11	20.0	0.0
100	QPSK	135	69			18.52	20.0	0.0
100	QPSK	135	138			18.36		
100	QPSK	270	0			18.36	20.0	0.0
100	16QAM	1	1			18.23	20.0	0.0
100	64QAM	1	1			18.19	20.0	0.0
100	256QAM	1	1			17.06	18.5	1.5
Channel								
Frequency (MHz)				633000	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0
Channel								
Frequency (MHz)				632998	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0
Channel								
Frequency (MHz)				632998	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
70	QPSK	1	1	18.46	18.45	18.37	20.0	0.0
Channel								
Frequency (MHz)				632000	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0
Channel								
Frequency (MHz)				631668	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	18.45	18.46	18.45	20.0	0.0
Channel								
Frequency (MHz)				631334	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0
Channel								
Frequency (MHz)				631000	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0
Channel								
Frequency (MHz)				630668	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0
Channel								
Frequency (MHz)				630500	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	18.43	18.43	18.43	20.0	0.0
Channel								
Frequency (MHz)				630334	633332	3499.98	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0

Part27Q n77 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3499.02	3499.98	3500.02			
100	PI/2 BPSK	1	1	21.30	21.47	21.63	23.0	0.0	
100	PI/2 BPSK	1	137	21.47	21.63	21.79			
100	PI/2 BPSK	1	271	21.48	21.64	21.80	22.5	0.5	
100	PI/2 BPSK	135	0	20.95	21.11	21.27			
100	PI/2 BPSK	135	69	21.41	21.57	21.73	23.0	0.0	
100	PI/2 BPSK	135	138	20.89	21.05	21.21			
100	PI/2 BPSK	270	0	20.96	21.12	21.28	22.5	0.5	
100	QPSK	1	1	21.76	21.92	22.08			
100	QPSK	1	137	21.54	21.70	21.86	23.0	0.0	
100	QPSK	1	271	21.47	21.63	21.79			
100	QPSK	135	0	21.18	21.34	21.50	22.0	1.0	
100	QPSK	135	69	21.46	21.62	21.78			
100	QPSK	135	138	20.36	20.52	20.68	22.0	1.0	
100	QPSK	270	0	20.43	20.59	20.75			
100	16QAM	1	1	20.46	20.62	20.78	22.0	1.0	
100	64QAM	1	1	18.89	19.05	19.21			
100	256QAM	1	1	16.65	16.81	16.97	20.5	2.5	
Channel				633000	633332	633668			
Frequency (MHz)				3499.02	3499.98	3500.02	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.75	21.69	21.72		23.0	
Channel				630968	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3499.02	3499.98	3510.00			
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0	
Channel				632334	633332	634334			
Frequency (MHz)				3499.01	3499.99	3515.01	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.60	21.69	21.70		23.0	
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3520.02			
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525.00	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	21.74	21.68	21.88		23.0	
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3530.01			
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0	
Channel				631000	633332	635668			
Frequency (MHz)				3465	3499.98	3536.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.72	21.63	21.70		23.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0	
Channel				630500	633332	636168			
Frequency (MHz)				3457.5	3499.98	3542.52	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.60	21.62	21.72		23.0	
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3545.01			
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0	

Part96 n77 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3500	3524.99	3549.98			
100	PI/2 BPSK	1	1	18.23	18.30	18.14	20.0	0.0	
100	PI/2 BPSK	1	137	18.07	18.21	18.15			
100	PI/2 BPSK	1	271	17.81	17.89	17.74	20.0	0.0	
100	PI/2 BPSK	135	0	18.20	18.29	18.20			
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0	
100	PI/2 BPSK	135	138	17.83	18.04	17.98			
100	PI/2 BPSK	270	0	18.24	18.29	18.25	20.0	0.0	
100	QPSK	1	1	18.42	18.47	18.41			
100	QPSK	1	137	18.29	18.38	18.35	20.0	0.0	
100	QPSK	1	271	17.94	18.07	18.03			
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0	
100	QPSK	135	69	18.38	18.43	18.40			
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0	
100	QPSK	270	0	18.25	18.35	18.21			
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0	
100	64QAM	1	1	17.88	18.09	17.91		20.0	
100	256QAM	1	1	16.90	16.94	16.83		18.5	
Channel				639668	641666	643668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3505.02	3524.99	3554.99			
90	QPSK	1	1	18.39	18.35	18.40	20.0	0.0	
Channel				639334	641666	644000			
Frequency (MHz)				3590.01	3624.99	3660	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.41	18.29	18.35		20.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3624.99	3654.96			
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0	
Channel				638668	641666	644668			
Frequency (MHz)				3580.02	3624.99	3669.99	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.36	18.32	18.43		20.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3579.01	3624.99	3675			
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3624.99	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.35	18.35	18.44		20.0	
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3634.99			
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0	
Channel				637334	641666	646000			
Frequency (MHz)				3560.01	3624.99	3660	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.37	18.38	18.43		20.0	
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.52	3624.99	3662.49			
15	QPSK	1	1	18.30	18.35	18.42	20.0	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3555	3624.99	3694.98	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.42	18.40	18.39		20.0	

n41 Ant5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				500202	518986	526000				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI2 BPSK	1	1	22.68	22.67	22.70				
100	PI2 BPSK	1	137	22.49	22.63	22.48	24.0	0.0		
100	PI2 BPSK	1	271	22.63	22.61	22.40				
100	PI2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0		
100	PI2 BPSK	135	69	22.36	22.58	22.59	24.0	0.0		
100	PI2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0		
100	PI2 BPSK	270	0	22.57	22.75	22.55				
100	QPSK	1	1	22.84	22.93	22.73				
100	QPSK	1	137	22.64	22.71	22.52	24.0	0.0		
100	QPSK	1	271	22.44	22.69	22.45				
100	QPSK	135	0	22.73	22.76	22.71	24.0	0.0		
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0		
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0		
100	QPSK	270	0	22.72	22.83	22.75				
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0		
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0		
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5		
Channel				500203	518986	526000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2541	2592.99	2644.98				
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0		
Channel				507204	518986	526998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2536.02	2592.99	2648.98				
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0		
Channel				500202	518986	531000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2531.01	2592.99	2655				
70	QPSK	1	1	22.72	22.78	22.69	24.0	0.0		
Channel				500203	518986	531998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2526	2592.99	2659.98				
60	QPSK	1	1	22.68	22.81	22.58	24.0	0.0		
Channel				500203	518986	536000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2521.02	2592.99	2664.99				
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0		
Channel				500202	518986	534000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2511.01	2592.99	2674.98				
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0		
Channel				500200	518986	534998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2511	2592.99	2674.98				
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0		
Channel				501004	518986	535998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2506.02	2592.99	2679.99				
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0		
Channel				500700	518986	536998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.05	2592.99	2682.48				
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0		
Channel				500202	518986	537000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501.01	2592.99	2685				
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0		

n41 PC2 Ant5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid-High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				500202	518986	526000				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI2 BPSK	1	1	25.70	25.71	25.67				
100	PI2 BPSK	1	137	25.35	25.52	25.48	27.0	0.0		
100	PI2 BPSK	1	271	25.25	25.44	25.41				
100	PI2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5		
100	PI2 BPSK	135	69	25.31	25.49	25.30	27.0	0.0		
100	PI2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5		
100	PI2 BPSK	270	0	24.86	25.05	24.84				
100	QPSK	1	1	25.78	25.81	25.53				
100	QPSK	1	137	25.60	25.66	25.70	27.0	0.0		
100	QPSK	1	271	25.28	25.44	25.38				
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0		
100	QPSK	135	69	25.60	25.75	25.68	27.0	0.0		
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0		
100	QPSK	270	0	24.70	24.73	24.62				
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0		
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5		
100	256QAM	1	1	20.82	20.99	20.80	22.5	4.5		
Channel				500203	518986	526998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2541	2592.99	2644.98				
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0		
Channel				507204	518986	526998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2536.02	2592.99	2648.98				
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0		
Channel				500202	518986	531000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2531.01	2592.99	2655				
70	QPSK	1	1	25.68	25.77	25.59	27.0	0.0		
Channel				500203	518986	531998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2526	2592.99	2659.98				
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0		
Channel				500203	518986	532000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2521.02	2592.99	2664.99				
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0		
Channel				500202	518986	534000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2511.01	2592.99	2674.98				
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0		
Channel				500200	518986	534998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2511	2592.99	2674.98				
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0		
Channel				501004	518986	535998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2506.02	2592.99	2679.99				
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0		
Channel				500700	518986	536998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.05	2592.99	2682.48				
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0		
Channel				500202	518986	537000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501.01	2592.99	2685				
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0		

Part270 n77 Ant5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (MHz)	Power Mid-High Ch. / Freq. (MHz)	Power High Ch. / Freq. (MHz)	Tune-up limit (dBm)	MPR (dB)		
Channel				649500	656000	662334	Tune-up limit	MPR (dB)		
Frequency (MHz)				3760	3840	3900				
100	PI2 BPSK	1	1	19.26	19.26	19.17				
100	PI2 BPSK	1	137	18.99	19.09	19.08	20.0	0.0		
100	PI2 BPSK	1	271	19.28	19.28	19.08				
100	PI2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0		
100	PI2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0		
100	PI2 BPSK	135	138	18.88	19.03	18.86	20.0	0.0		
100	PI2 BPSK	270	0	19.13	19.08	18.86				
100	QPSK	1	1	19.19	19.37	19.26				
100	QPSK	1	137	18.89	19.12	18.93	20.0	0.0		
100	QPSK	1	271	19.10	19.35	19.23				
100	QPSK	135	0	19.00	19.16	19.23	20.0	0.0		
100	QPSK	135	69	19.26	19.34	19.19	20.0	0.0		
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0		
100	QPSK	270	0	19.06	19.27	19.16				
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0		
100	16QAM	1	137	18.77	18.74	18.71	20.0	0.0		
100	256QAM	1	1	16.95	19.17	19.15	18.5	1.5		
Channel				649506	656006	662334	Tune-up limit	MPR (dB)		
Frequency (MHz)				3743.02	3827.02	3843.01				
90	QPSK	1	1	19.20	19.29	19.07	20.0	0.0		
Channel				649334	656000	662668	Tune-up limit	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0		
Channel				649150	656000	662334	Tune-up limit	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	19.09	19.17	19.20	20.0	0.0		
Channel				648966	656000	662334	Tune-up limit	MPR (dB)		
Frequency (MHz)				3730	3840	3940				
60	QPSK	1	1	19.04	19.18	19.15	20.0	0.0		
Channel				648834	656000	662668	Tune-up limit	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	19.00	19.32	19.15	20.0	0.0		
Channel				648650	656000	662334	Tune-up limit	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	18.99	19.32	19.10	20.0	0.0		
Channel				647876	656000	662668	Tune-up limit	MPR (dB)		
Frequency (MHz)				3718.02	3840	3968.01				
30	QPSK	1	1	19.02	19.24	19.18	20.0	0.0		
Channel				647334	656000	664668	Tune-up limit	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.01				
20	QPSK	1	1	19.19	19.19	19.14	20.0	0.0		
Channel				647186	656000	664834	Tune-up limit	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	19.14	19.19	19.09	20.0	0.0		
Channel				647100	656000	664834	Tune-up limit	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0		

Part27Q n77 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				633332		633332			
Frequency (MHz)				3499.98					
100	Pl2 BPSK	1	1	17.94				19.0	0.0
100	Pl2 BPSK	1	137	17.98					
100	Pl2 BPSK	1	271	18.14					
100	Pl2 BPSK	135	0	17.98				19.0	0.0
100	Pl2 BPSK	135	69	18.02				19.0	0.0
100	Pl2 BPSK	135	138	18.12				19.0	0.0
100	Pl2 BPSK	270	0	18.10				19.0	0.0
100	QPSK	1	1	18.34				19.0	0.0
100	QPSK	1	137	18.08					
100	QPSK	1	271	18.25					
100	QPSK	135	0	18.04				19.0	0.0
100	QPSK	135	69	18.31				19.0	0.0
100	QPSK	135	138	18.15				19.0	0.0
100	QPSK	270	0	18.25				19.0	0.0
100	16QAM	1	1	18.11				19.0	0.0
100	64QAM	1	1	18.98				17.5	1.5
100	256QAM	1	1	18.42				15.0	3.0
Channel				633000	633332	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3505.02	(dBm)	(dB)	
90	QPSK	1	1	18.25	18.24	18.26		19.0	0.0
Channel				630668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3495.02	3499.98	3505	(dBm)	(dB)	
80	QPSK	1	1	18.20	18.30	18.19		19.0	0.0
Channel				632334	633332	634334	Tune-up limit	MPR	
Frequency (MHz)				3495.01	3499.98	3515.01	(dBm)	(dB)	
70	QPSK	1	1	18.16	18.20	18.29		19.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR	
Frequency (MHz)				3490	3499.98	3505.02	(dBm)	(dB)	
60	QPSK	1	1	18.30	18.14	18.29		19.0	0.0
Channel				631000	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	18.22	18.23	18.20		19.0	0.0
Channel				631334	633332	635334	Tune-up limit	MPR	
Frequency (MHz)				3476.01	3499.98	3526.01	(dBm)	(dB)	
40	QPSK	1	1	18.16	18.30	18.17		19.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3535.02	(dBm)	(dB)	
30	QPSK	1	1	18.29	18.24	18.36		19.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3467.5	3499.98	3542.5	(dBm)	(dB)	
20	QPSK	1	1	18.21	18.30	18.16		19.0	0.0
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3463.01	3499.98	3543.01	(dBm)	(dB)	
10	QPSK	1	1	18.27	18.15	18.25		19.0	0.0

Part27Q n77 PC2 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel				633332		633332			
Frequency (MHz)				3498.98					
100	Pl2 BPSK	1	1	20.44				22.0	0.0
100	Pl2 BPSK	1	137	20.83					
100	Pl2 BPSK	1	271	21.13					
100	Pl2 BPSK	135	0	20.34				21.5	0.5
100	Pl2 BPSK	135	69	20.39				22.0	0.0
100	Pl2 BPSK	135	138	20.52				21.5	0.5
100	Pl2 BPSK	270	0	20.39				21.5	0.5
100	QPSK	1	1	21.24				22.0	0.0
100	QPSK	1	137	20.86					
100	QPSK	1	271	21.21					
100	QPSK	135	0	19.82				21.0	1.0
100	QPSK	135	69	21.16				22.0	0.0
100	QPSK	135	138	19.97				21.0	1.0
100	QPSK	270	0	20.05				21.0	1.0
100	16QAM	1	1	19.95				21.0	1.0
100	64QAM	1	1	18.40				19.5	2.5
100	256QAM	1	1	18.24				17.5	4.5
Channel				633000	633332	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3505.02	(dBm)	(dB)	
90	QPSK	1	1	21.13	21.05	21.15		22.0	0.0
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3496.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	21.12	21.16	21.04		22.0	0.0
Channel				632334	633332	634334	Tune-up limit	MPR	
Frequency (MHz)				3495.01	3499.98	3515.01	(dBm)	(dB)	
70	QPSK	1	1	21.07	21.11	21.19		22.0	0.0
Channel				632000	633332	634668	Tune-up limit	MPR	
Frequency (MHz)				3490	3499.98	3520.02	(dBm)	(dB)	
60	QPSK	1	1	21.09	21.05	21.14		22.0	0.0
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	21.09	21.11	21.07		22.0	0.0
Channel				631334	633332	635334	Tune-up limit	MPR	
Frequency (MHz)				3476.01	3499.98	3526.01	(dBm)	(dB)	
40	QPSK	1	1	21.05	21.16	21.17		22.0	0.0
Channel				631000	633332	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3535.02	(dBm)	(dB)	
30	QPSK	1	1	21.06	21.17	21.19		22.0	0.0
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3467.5	3499.98	3542.5	(dBm)	(dB)	
20	QPSK	1	1	21.16	21.05	21.05		22.0	0.0
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3463.01	3499.98	3543.01	(dBm)	(dB)	
10	QPSK	1	1	21.07	21.11	21.15		22.0	0.0

Part96 n77 Ant2 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dB)	MPR (dB)	
Channel				640000		641686			
Frequency (MHz)				3500		3624.99			
100	Pl2 BPSK	1	1	18.80	18.82	18.88		20.0	
100	Pl2 BPSK	1	137	18.73	18.90	18.88			
100	Pl2 BPSK	1	271	18.99	19.07	19.01			
100	Pl2 BPSK	135	0	18.89	18.87	18.81		20.0	0.0
100	Pl2 BPSK	135	69	18.49	18.61	18.58		20.0	0.0
100	Pl2 BPSK	135	138	18.82	18.87	18.50		20.0	0.0
100	Pl2 BPSK	270	0	18.89	18.88	18.83		20.0	0.0
100	QPSK	1	1	19.00	19.12	19.07		20.0	
100	QPSK	1	137	18.61	18.69	18.54			
100	QPSK	1	271	18.99	19.10	18.95			
100	QPSK	135	0	18.77	18.84	18.78		20.0	0.0
100	QPSK	135	69	19.04	19.08	19.02		20.0	0.0
100	QPSK	135	138	18.88	18.85	18.70		20.0	0.0
100	QPSK	270	0	18.95	19.03	18.95		20.0	0.0
100	16QAM	1	1	18.95	19.02	18.84		20.0	0.0
100	64QAM	1	1	18.09	18.25	18.13		20.0	0.0
100	256QAM	1	1	17.26	17.38	17.23		18.5	1.5
Channel				639668	641686	644668	Tune-up limit	MPR	
Frequency (MHz)				3598.02	3624.99	3654.99	(dBm)	(dB)	
90	QPSK	1	1	18.99	19.09	19.04		20.0	0.0
Channel				639000	641686	644332	Tune-up limit	MPR	
Frequency (MHz)				3595.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	19.10	19.09	19.08		20.0	0.0
Channel				639000	641686	644332	Tune-up limit	MPR	
Frequency (MHz)				3595	3624.99	3654.98	(dBm)	(dB)	
70	QPSK	1	1	18.89	19.02	19.01		20.0	0.0
Channel				638668	641686	644668	Tune-up limit	MPR	
Frequency (MHz)				3590.02	3624.99	3659.99	(dBm)	(dB)	
60	QPSK	1	1	18.96	19.02	19.04		20.0	0.0
Channel				638334	641686	644000	Tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dBm)	(dB)	
50	QPSK	1	1	19.10	19.01	18.95		20.0	0.0
Channel				638000	641686	643668	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3669.99	(dBm)	(dB)	
40	QPSK	1	1	19.05	19.07	19.10		20.0	0.0
Channel				637668	641686	645668	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3669.99	(dBm)	(dB)	
30	QPSK	1	1	19.05	19.09	19.96		20.0	0.0
Channel				637334	641686	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3670	(dBm)	(dB)	
20	QPSK	1	1	19.09	19.08	19.05		20.0	0.0
Channel				636968	641686	645332	Tune-up limit	MPR	
Frequency (MHz)				3559.52	3624.99	3662.49	(dBm)	(dB)	
15	QPSK	1	1	19.07	19.06	19.02		20.0	0.0
Channel				636634	641686	645000	Tune-up limit	MPR	
Frequency (MHz)				3559	3624.99	3662	(dBm)	(dB)	
10	QPSK	1	1	19.10	18.95	18.97		20.0	0.0

[illegible]

n41 PC2 Ant7									
Bit	Modulation	RB Size	RB Offset	Power Low (dBm)	Power High (dBm)	Power High (dBm)	Power High (dBm)	Turn-up test (dBm)	MPR (dB)
Channel									
	Frequency (MHz)			586902	586998	586900	586900		
100	PzB BPSK	1	23.19	23.19	23.19	23.19	23.19	23.19	24.5
100	PzB BPSK	1	137	23.27	22.98	23.28	23.28	24.5	0.0
100	PzB BPSK	1	271	23.26	22.87	23.29	23.29	24.5	0.0
100	PzB BPSK	135	1	23.19	23.19	23.19	23.19	23.19	24.5
100	PzB BPSK	135	69	23.30	23.09	23.31	23.31	24.5	0.0
100	PzB BPSK	135	138	23.30	23.20	23.30	23.30	24.5	0.0
100	PzB BPSK	270	0	23.32	22.98	23.32	23.32	24.5	0.0
100	QPSK	1	1	23.28	23.14	23.28	23.28	24.5	0.0
100	QPSK	1	137	22.87	23.22	23.15	23.15	24.5	0.0
100	QPSK	1	271	23.08	22.87	23.31	23.31	24.5	0.0
100	QPSK	135	0	23.28	23.09	23.29	23.29	24.5	0.0
100	QPSK	135	69	23.24	23.31	23.29	23.29	24.5	0.0
100	QPSK	135	138	23.22	23.18	22.98	23.45	24.5	0.0
100	QPSK	270	0	23.02	23.02	23.28	23.28	24.5	0.0
100	16QAM	1	1	23.08	23.09	23.10	23.10	24.5	0.0
100	16QAM	1	1	23.06	23.05	23.01	23.45	24.5	0.0
Channel									
	Frequency (MHz)			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
90	QPSK	1	23.23	23.23	23.26	23.26	23.26	24.5	0.0
90	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
90	Frequency (MHz)			2536.02	2592.99	2649.99	2649.99	24.5	0.0
80	QPSK	1	23.22	23.21	23.26	23.26	23.26	24.5	0.0
80	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
80	Frequency (MHz)			2531.01	2592.98	2637.98	2637.98	24.5	0.0
70	QPSK	1	23.21	23.20	23.27	23.27	23.27	24.5	0.0
70	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
70	Frequency (MHz)			2526	2592.99	2639.99	2639.99	24.5	0.0
60	QPSK	1	23.23	23.26	23.08	23.08	23.08	24.5	0.0
60	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
60	Frequency (MHz)			2531.02	2592.99	2639.99	2639.99	24.5	0.0
50	QPSK	1	23.17	23.22	23.09	23.09	23.09	24.5	0.0
50	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
50	Frequency (MHz)			2516.01	2592.99	2639.99	2639.99	24.5	0.0
40	QPSK	1	23.14	23.22	23.11	23.11	23.11	24.5	0.0
40	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
40	Frequency (MHz)			2512.01	2592.99	2639.99	2639.99	24.5	0.0
30	QPSK	1	23.24	23.23	23.11	23.11	23.11	24.5	0.0
30	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
30	Frequency (MHz)			2507.00	2592.99	2639.99	2639.99	24.5	0.0
20	QPSK	1	23.19	23.22	23.14	23.14	23.14	24.5	0.0
20	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
20	Frequency (MHz)			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
15	QPSK	1	23.16	23.16	23.03	23.03	23.03	24.5	0.0
15	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
15	Frequency (MHz)			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)
10	QPSK	1	23.16	23.19	23.06	23.06	23.06	24.5	0.0
10	Channel			586920	586986	586986	586986	Turn-up test (dBm)	MPR (dB)

Par270 n77 Ant									
BW (MHz)	Modulation	RIS Size	RB Offset	Power Low (dBm)	Power Mode (dBm)	Power High (dBm)		Tune-up limit (dBm)	MPRR (dB)
Channel				660000	650000	660000			
Frequency (MHz)									
100	P2Z BPSK	1	20.57	20.52	20.62	20.62			
100	P2Z BPSK	1	137	20.30	20.58	20.61	22.0		
100	P2Z BPSK	1	271	20.57	20.35	20.45			
100	P2Z BPSK	135	1	20.72	20.35	20.45	22.0	0.0	
100	P2Z BPSK	135	69	20.35	20.08	20.58	22.0	0.0	
100	P2Z BPSK	135	138	20.48	20.48	20.48	22.0	0.0	
100	P2Z BPSK	270	0	20.58	20.56	20.47			
100	QPSK	1	20.57	20.57	20.61	20.70			
100	QPSK	1	137	20.48	20.58	20.63	22.0		
100	QPSK	271	20.55	20.48	20.41				
100	QPSK	135	135	20.55	20.55	20.55	22.0	0.0	
100	QPSK	135	69	20.41	20.75	20.54	22.0	0.0	
100	QPSK	135	138	20.41	20.48	20.60	22.0	0.0	
100	QPSK	272	20.56	20.61	20.55	21.0	0.0		
100	ISQAM	1	20.66	20.58	20.66	20.62	22.0	0.0	
100	ISQAM	1	20.61	20.54	20.54	22.0	0.0		
100	ISQAM	1	20.59	20.61	20.59	21.0	0.0		
Channel				650000	650000	652334			
Frequency (MHz)				3745.02	3540	3535.01			
90	QPSK	1	20.66	20.59	20.65	22.0			
90	QPSK	1	643334	650000	650000	20.65	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3740.01	3540	3540.02			
80	QPSK	1	20.56	20.59	20.60	22.0			
80	QPSK	1	643334	650000	650000	20.60	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3735	3540	3540			
70	QPSK	1	20.65	20.64	20.45	22.0			
70	QPSK	1	643334	650000	650000	20.45	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3730.02	3540	3560.01			
60	QPSK	1	20.60	20.69	20.57	22.0			
60	QPSK	1	643334	650000	650000	20.57	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3725.01	3540	3560.02			
50	QPSK	1	20.66	20.71	20.48	22.0			
50	QPSK	1	643334	650000	650000	20.48	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3720	3540	3560			
40	QPSK	1	20.61	20.62	20.59	22.0			
40	QPSK	1	643334	650000	650000	20.59	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3715	3540	3560			
30	QPSK	1	20.54	20.63	20.52	22.0			
30	QPSK	1	643334	650000	650000	20.52	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3710	3540	3560			
20	QPSK	1	20.67	20.64	20.56	22.0			
20	QPSK	1	641668	650000	650000	20.56	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				3705	3540	3560			
15	QPSK	1	20.64	20.56	20.50	22.0			
15	QPSK	1	647000	650000	650000	20.50	Tune-up limit (dBm)	MPRR (dB)	
10	QPSK	1	20.62	20.59	20.45	22.0			
10	QPSK	1	647000	650000	650000	20.45	Tune-up limit (dBm)	MPRR (dB)	

Part270 n77 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RG Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Turn-up time (dBm)	MPR (dB)	
Channel									
100	P2 BPSK	1	2347	23.54	23.54	23.50			
100	P2 BPSK	1	2347	23.34	23.39	23.42	25.0	0.0	
100	P2 BPSK	1	2347	23.44	23.27	23.31			
100	P2 BPSK	1	2347	23.54	23.54	23.50	25.0	0.0	
100	P2 BPSK	1	2347	23.54	23.68	23.49	25.0	0.0	
100	QPSK	1	2368	23.68	23.77	23.73			
100	QPSK	1	2368	23.68	23.44	23.67	25.0	0.0	
100	QPSK	1	2368	23.44	23.43	23.56			
100	QPSK	1	2368	23.54	23.58	23.58	25.0	0.0	
100	QPSK	1	2368	23.49	23.74	23.52	25.0	0.0	
100	QPSK	1	2367	23.44	23.30	23.57	25.0	0.0	
100	QPSK	1	2368	23.74	23.68	23.49	25.0	0.0	
100	16QAM	1	2347	23.44	23.55	23.54	25.0	0.0	
100	64QAM	1	1	22.61	22.89	22.84	24.5	0.5	
100	256QAM	1	1	22.57	21.84	21.74	22.5	1.5	
Channel									
	Frequency (MHz)			9499.68	9500.00	9502.34	Turn-up time (dBm)	MPR (dB)	
	Channel			3745.02	3840	3935.01	25.0	0.0	
50	QPSK	1	1	23.60	23.59	23.64	25.0	0.0	
50	QPSK	1	1	23.60	23.60	23.60	25.0	0.0	
50	QPSK	1	1	23.60	23.63	23.63	25.0	0.0	
50	QPSK	1	1	23.60	23.63	23.63	25.0	0.0	
70	QPSK	1	1	23.69	23.64	23.65	25.0	0.0	
70	QPSK	1	1	23.69	23.64	23.65	25.0	0.0	
70	QPSK	1	1	23.69	23.64	23.65	25.0	0.0	
70	QPSK	1	1	23.69	23.64	23.65	25.0	0.0	
60	QPSK	1	1	23.51	23.66	23.66	25.0	0.0	
60	QPSK	1	1	23.51	23.66	23.66	25.0	0.0	
60	QPSK	1	1	23.51	23.66	23.66	25.0	0.0	
50	QPSK	1	1	23.60	23.65	23.59	25.0	0.0	
50	QPSK	1	1	23.60	23.65	23.59	25.0	0.0	
40	QPSK	1	1	23.52	23.59	23.51	25.0	0.0	
40	QPSK	1	1	23.52	23.59	23.51	25.0	0.0	
30	QPSK	1	1	23.53	23.73	23.54	25.0	0.0	
30	QPSK	1	1	23.53	23.73	23.54	25.0	0.0	
20	QPSK	1	1	23.48	23.66	23.57	25.0	0.0	
20	QPSK	1	1	23.48	23.66	23.57	25.0	0.0	
15	QPSK	1	1	23.61	23.63	23.63	25.0	0.0	
15	QPSK	1	1	23.61	23.63	23.63	25.0	0.0	
15	QPSK	1	1	23.61	23.63	23.63	25.0	0.0	
10	QPSK	1	1	23.57	23.64	23.58	25.0	0.0	
10	QPSK	1	1	23.57	23.64	23.58	25.0	0.0	

Part27Q n7t A77								
HW (MHz)	Modulation	RB Size	RB Offset	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Power Level (Ch. Freq.)	Time-up limit (dBm)	MPR (dB)
Channel								
100	P27 BPSK	1	1	20.73				
100	P27 BPSK	1	137	20.73		22.0	0.0	
100	P27 BPSK	1	271	20.74				
100	P27 BPSK	155	1	20.74		22.0	0.0	
100	P27 BPSK	155	69	20.74		22.0	0.0	
100	P27 BPSK	155	136	20.64		22.0	0.0	
100	P27 BPSK	231	1	20.68		22.0	0.0	
100	QPSK	1	1	20.84				
100	QPSK	1	137	20.84		22.0	0.0	
100	QPSK	155	136	20.84		22.0	0.0	
100	QPSK	155	69	20.70		22.0	0.0	
100	QPSK	155	69	20.70		22.0	0.0	
100	QPSK	231	1	20.73		22.0	0.0	
100	16QAM	1	1	20.80				
100	16QAM	1	137	20.86		22.0	0.0	
100	16QAM	155	136	20.83		22.0	0.0	
100	16QAM	155	69	20.73		22.0	0.0	
Channel								
100	QPSK	63000	63332	63068		Time-up limit	MPR	
Frequency (MHz)	34519	34916	35052					
20	QPSK	20.78	20.73	20.73	22.0	0.0		
Channel								
20	QPSK	63068	63332	63000		Time-up limit	MPR	
Frequency (MHz)	34652	34998	35110					
20	QPSK	20.77	20.72	20.72	22.0	0.0		
Channel								
20	QPSK	63234	63332	63134		Time-up limit	MPR	
Frequency (MHz)	34651	34998	35151					
20	QPSK	20.84	20.80	20.77	22.0	0.0		
80	QPSK	63234	63132	63000		Time-up limit	MPR	
Frequency (MHz)	34740	34998	35052					
80	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
80	QPSK	1	137	20.81	20.82	20.80	22.0	0.0
80	QPSK	155	136	20.81	20.82	20.80	22.0	0.0
80	QPSK	155	69	20.81	20.82	20.80	22.0	0.0
80	QPSK	231	1	20.81	20.82	20.80	22.0	0.0
80	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
80	QPSK	1	137	20.81	20.82	20.80	22.0	0.0
80	QPSK	155	136	20.81	20.82	20.80	22.0	0.0
80	QPSK	155	69	20.81	20.82	20.80	22.0	0.0
80	QPSK	231	1	20.81	20.82	20.80	22.0	0.0
80	QPSK	1	1	20.81	20.82	20.80	22.0	0.0
80	QPSK	1	137	20.81	20.82	20.80	22.0	0.0
80	QPSK	155	136	20				

Part27Q n77 PC2 Ant7									
BW (MHz)	Modulation	HD Sub	RF Offset	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Power Level (dBm)	Time up (s)	MPR (dB)
Channel									
100	P2D BPSK	1	1	23.83	23.83				
100	P2D BPSK	1	127	23.74	23.74	25.0			
100	P2D BPSK	1	231	23.88	23.88				
100	P2D BPSK	135	0	23.76	23.76	25.0	0.0		
100	P2D BPSK	135	69	23.82	23.82	25.0	0.0		
100	P2D BPSK	135	135	23.78	23.78	25.0	0.0		
100	QPSK	1	1	23.83	23.83				
100	QPSK	1	137	23.85	23.85	25.0	0.0		
100	QPSK	1	231	23.73	23.73				
100	QPSK	135	0	23.74	23.74	25.0	0.0		
100	QPSK	135	69	23.81	23.81	25.0	0.0		
100	QPSK	135	135	23.86	23.86	25.0	0.0		
100	QPSK	273	0	23.83	23.83				
100	HQAM	1	1	23.70	23.70	25.0	0.0		
100	HQAM	1	1	23.74	23.74	24.5	0.5		
100	HQAM	1	1	23.79	23.79	2.5			
Channel									
	Frequency (MHz)			633000	633352	633698			MPR
80	QPSK	1	1	23.76	23.76	23.88	25.0	0.0	
	Frequency (MHz)			633698	633352	633000			MPR
80	QPSK	1	1	23.75	23.75	23.88	25.0	0.0	
	Frequency (MHz)			633352	633698	633000			MPR
80	QPSK	1	1	23.80	23.80	23.88	25.0	0.0	
	Frequency (MHz)			633000	633352	633698			MPR
80	QPSK	1	1	23.81	23.81	23.85	25.0	0.0	
	Frequency (MHz)			633698	633352	633000			MPR
80	QPSK	1	1	23.77	23.77	23.88	25.0	0.0	
	Frequency (MHz)			633352	633698	633000			MPR
80	QPSK	1	1	23.84	23.84	23.88	25.0	0.0	
	Frequency (MHz)			633000	633352	633698			MPR
80	QPSK	1	1	23.83	23.83	23.88	25.0	0.0	
	Frequency (MHz)			633698	633352	633000			MPR
80	QPSK	1	1	23.80	23.80	23.88	25.0	0.0	
	Frequency (MHz)			633352	633698	633000			MPR
80	QPSK	1	1	23.79	23.79	23.88	25.0	0.0	
	Frequency (MHz)			633000	633352	633698			MPR
80	QPSK	1	1	23.85	23.85	23.88	25.0	0.0	
	Frequency (MHz)			633698	633352	633000			MPR
80	QPSK	1	1	23.83	23.83	23.88	25.0	0.0	
	Frequency (MHz)			633000	633352	633698			MPR
80	QPSK	1	1	23.80	23.80	23.88	25.0	0.0	
	Frequency (MHz)			633352	633698	633000			MPR
80	QPSK	1	1	23.83	23.83	23.88	25.0	0.0	
	Frequency (MHz)			633698	633352	633000			MPR

Part96 n7 Ant7 Default									
RW (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power Ch./Freq. (dBm)	Power Ch./Freq. (dBm)	Power Ch./Freq. (dBm)	Time-up limit (s)	MPR (dB)
Channel				640000	641666	643332			
100	PB BPSK	1		20.73	20.05	20.77			
100	PB BPSK	1	137	20.70	20.05	20.73	22.0	0.0	
100	PB BPSK	136	271	20.66	20.01	20.83			
100	PB BPSK	136	271	20.70	20.05	20.76	22.0	0.0	
100	PB BPSK	136	69	20.58	20.75	20.73	22.0	0.0	
100	PB BPSK	136	136	20.78	20.79	20.60	22.0	0.0	
100	QPSK	1	201	20.67	20.03	20.54	22.0	0.0	
100	QPSK	1		20.85	20.09	20.87			
100	QPSK	1	137	20.69	20.77	20.73			
100	QPSK	136	271	20.67	20.03	20.54	22.0	0.0	
100	QPSK	136	69	20.60	20.73	20.64	22.0	0.0	
100	QPSK	136	136	20.81	20.88	20.78	22.0	0.0	
100	QPSK	270		20.67	20.83	20.60			
100	HQAM	1		20.67	20.83	20.53			
100	HQAM	1		20.65	20.67	20.78	22.0	0.0	
100	HQAM	1		20.79	20.74	20.71	22.0	0.0	
100	HQAM	1	137	20.85	20.77	20.73	22.0	0.0	
30	Channel				636668	641666	643668	Time-up limit (s)	MPR (dB)
30	Frequency (MHz)			3564.02	3624.59	3669.99	22.0	0.0	
30	Channel			638334	641666	644000	22.0	0.0	
30	Frequency (MHz)			3560.01	3624.59	3669.99	22.0	0.0	
30	Channel			639000	641666	643332	22.0	0.0	
30	Frequency (MHz)			3585	3624.59	3654.98	22.0	0.0	
70	Channel			20.81	20.83	20.79	22.0	0.0	
70	Frequency (MHz)			3560.02	3624.59	3669.99	22.0	0.0	
70	Channel			20.67	20.85	20.80	22.0	0.0	
70	Frequency (MHz)			3575.01	3624.59	3675	22.0	0.0	
70	Channel			20.68	20.83	20.79	22.0	0.0	
70	Frequency (MHz)			3575.02	3624.59	3675	22.0	0.0	
70	Channel			3670	3624.59	3624.99	22.0	0.0	
40	QPSK	1		20.72	20.74	20.78	22.0	0.0	
40	QPSK	1	137	20.66	20.74	20.69	22.0	0.0	
40	Frequency (MHz)			3566.02	3624.59	3664.99	22.0	0.0	
40	Channel			37234	641666	640000	22.0	0.0	
40	Frequency (MHz)			3624.59	3624.59	3624.59	22.0	0.0	
40	QPSK	1		20.77	20.85	20.69	22.0	0.0	
40	Channel			37168	641666	641666	22.0	0.0	
40	Frequency (MHz)			3624.59	3624.59	3624.59	22.0	0.0	
15	Channel			20.72	20.71	20.75	22.0	0.0	
15	Channel			637000	641666	646332	Time-up limit (s)	MPR (dB)	
15	Frequency (MHz)			3624.59	3624.59	3624.59	22.0	0.0	
10	QPSK	1		20.69	20.70	20.77	22.0	0.0	

Reduced Power Mode for DSI2 ENDC Simultaneous

n5 Ant1									
BW [MHz]	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	21.72	21.80	21.79	22.5	0.0	
20	PI/2 BPSK	1	53	21.87	21.83	21.71			
20	PI/2 BPSK	1	104	21.72	21.74	21.73			
20	PI/2 BPSK	50	0	21.85	21.84	21.71	22.5	0.0	
20	PI/2 BPSK	50	28	21.73	21.72	21.86	22.5	0.0	
20	PI/2 BPSK	50	56	21.74	21.69	21.77	22.5	0.0	
20	PI/2 BPSK	100	0	21.81	21.80	21.81			
20	QPSK	1	1	21.86	21.85	21.83	22.5	0.0	
20	QPSK	1	53	21.81	21.70	21.81			
20	QPSK	1	104	21.81	21.74	21.72			
20	QPSK	50	0	21.76	21.85	21.82	22.5	0.0	
20	QPSK	50	28	21.74	21.84	21.74	22.5	0.0	
20	QPSK	50	56	21.82	21.81	21.81	22.5	0.0	
20	QPSK	100	0	21.75	21.83	21.78			
20	16QAM	1	1	21.76	21.86	21.70	22.5	0.0	
20	64QAM	1	1	21.73	21.73	21.70	22.5	0.0	
20	256QAM	1	1	19.88	19.97	19.92	20.5	2.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	21.73	21.73	21.68	22.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	21.78	21.79	21.75	22.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	848.5			
5	QPSK	1	1	21.78	21.84	21.72	22.5	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	22.80	22.73	22.65	23.5	0.0	
40	PI/2 BPSK	1	108	22.66	22.82	22.67			
40	PI/2 BPSK	1	214	22.72	22.74	22.86			
40	PI/2 BPSK	108	0	22.87	22.80	22.89	23.5	0.0	
40	PI/2 BPSK	108	54	22.81	22.72	22.90	23.5	0.0	
40	PI/2 BPSK	108	108	22.87	22.80	22.88	23.5	0.0	
40	PI/2 BPSK	216	0	22.65	22.88	22.71			
40	QPSK	1	1	22.85	22.95	22.87	23.5	0.0	
40	QPSK	1	108	22.79	22.65	22.75			
40	QPSK	1	214	22.75	22.85	22.69			
40	QPSK	108	0	22.71	22.79	22.85	23.5	0.0	
40	QPSK	108	54	22.72	22.92	22.76	23.5	0.0	
40	QPSK	108	108	22.72	22.82	22.82	23.5	0.0	
40	QPSK	216	0	22.76	22.85	22.83			
40	16QAM	1	1	22.81	22.69	22.79	23.5	0.0	
40	64QAM	1	1	21.33	21.50	21.48	22.0	1.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	3.5	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	22.69	22.83	22.71	23.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.65	22.80	22.76	23.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	22.78	22.77	22.82	23.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	22.75	22.80	22.68	23.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	22.74	22.86	22.78	23.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	22.67	22.73	22.81	23.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	22.67	22.81	22.80	23.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.14	24.17			
20	PI/2 BPSK	1	104	23.18	23.29	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0	
20	QPSK	1	53	24.13	24.16	23.97			
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	23.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0	
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.75	22.91	22.74	23.0	0.5	
40	PI/2 BPSK	216	0	22.59	22.75	22.60			
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0	
40	QPSK	1	108	22.75	22.82	22.64			
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.80	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.69	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.78	22.72	22.61	23.5	0.0	

n2 Ant4 For END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37200	37600	38000			
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	17.64	17.69	17.71	18.5	0.0	
20	PI/2 BPSK	1	53	17.59	17.49	17.80			
20	PI/2 BPSK	1	104	17.70	17.81	17.90			
20	PI/2 BPSK	50	0	17.78	17.80	17.80	18.5	0.0	
20	PI/2 BPSK	50	26	17.80	17.64	17.82	18.5	0.0	
20	PI/2 BPSK	50	56	17.55	17.55	17.59	18.5	0.0	
20	PI/2 BPSK	100	0	17.76	17.84	17.82			
20	QPSK	1	1	17.84	17.91	17.88			
20	QPSK	1	53	17.77	17.55	17.71	18.5	0.0	
20	QPSK	1	104	17.84	17.70	17.55	18.5	0.0	
20	QPSK	50	0	17.81	17.69	17.84			
20	QPSK	50	26	17.86	17.50	17.83			
20	QPSK	50	56	17.63	17.69	17.80	18.5	0.0	
20	QPSK	100	0	17.64	17.86	17.58			
20	16QAM	1	1	17.85	17.56	17.60	18.5	0.0	
20	64QAM	1	1	17.52	17.71	17.58	18.5	0.0	
20	256QAM	1	1	17.21	17.46	17.54	18.5	0.0	
Channel				371000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	(dBm)		
15	QPSK	1	1	17.80	17.74	17.74	18.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	(dBm)		
10	QPSK	1	1	17.72	17.61	17.74	18.5	0.0	
Channel				370500	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)		
5	QPSK	1	1	17.76	17.77	17.76	18.5	0.0	

n25 Ant4 For END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	PI/2 BPSK	1	1	17.51	17.63	17.72	18.5	0.0	
40	PI/2 BPSK	1	108	17.60	17.44	17.63			
40	PI/2 BPSK	1	214	17.59	17.69	17.81			
40	PI/2 BPSK	108	0	17.66	17.86	17.68	18.5	0.0	
40	PI/2 BPSK	108	54	17.81	17.65	17.65	18.5	0.0	
40	PI/2 BPSK	108	108	17.52	17.55	17.49	18.5	0.0	
40	PI/2 BPSK	216	0	17.80	17.69	17.61			
40	QPSK	1	1	17.86	17.92	17.84			
40	QPSK	1	108	17.79	17.45	17.68	18.5	0.0	
40	QPSK	1	214	17.68	17.65	17.43	18.5	0.0	
40	QPSK	108	0	17.71	17.71	17.80			
40	QPSK	108	54	17.81	17.87	17.83			
40	QPSK	108	108	17.56	17.62	17.57	18.5	0.0	
40	QPSK	216	0	17.54	17.83	17.57			
40	16QAM	1	1	17.76	17.57	17.64	18.5	0.0	
40	64QAM	1	1	17.45	17.72	17.52	18.5	0.0	
40	256QAM	1	1	17.85	17.82	17.40	18.5	0.0	
Channel				372500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5	(dBm)		
35	QPSK	1	1	17.60	17.79	17.74	18.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900	(dBm)		
30	QPSK	1	1	17.73	17.77	17.61	18.5	0.0	
Channel				372500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)		
25	QPSK	1	1	17.66	17.82	17.69	18.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905	(dBm)		
20	QPSK	1	1	17.74	17.75	17.60	18.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)		
15	QPSK	1	1	17.63	17.78	17.72	18.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910	(dBm)		
10	QPSK	1	1	17.82	17.73	17.65	18.5	0.0	
Channel				370500	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)		
5	QPSK	1	1	17.62	17.76	17.72	18.5	0.0	

n66 Ant4 For END C									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	353000			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	16.29	16.24	16.30	17.0	0.0	
40	PI/2 BPSK	1	108	16.34	16.21	16.45			
40	PI/2 BPSK	1	214	16.12	16.30	16.31			
40	PI/2 BPSK	108	0	16.24	16.29	16.30	17.0	0.0	
40	PI/2 BPSK	108	54	16.16	16.41	16.17	17.0	0.0	
40	PI/2 BPSK	108	108	16.20	16.42	16.22	17.0	0.0	
40	PI/2 BPSK	216	0	16.21	16.17	16.41			
40	QPSK	1	1	16.39	16.51	16.43			
40	QPSK	1	108	16.31	16.15	16.30	17.0	0.0	
40	QPSK	1	214	16.41	16.38	16.28			
40	QPSK	108	0	16.24	16.23	16.14			
40	QPSK	108	54	16.39	16.45	16.38	17.0	0.0	
40	QPSK	108	108	16.30	16.20	16.16	17.0	0.0	
40	QPSK	216	0	16.36	16.39	16.24			
40	16QAM	1	1	16.32	16.24	16.25	17.0	0.0	
40	64QAM	1	1	16.26	16.38	16.31	17.0	0.0	
40	256QAM	1	1	16.59	16.55	16.32	17.0	0.0	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)		
35	QPSK	1	1	16.34	16.23	16.19	17.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	(dBm)		
30	QPSK	1	1	16.12	16.30	16.33	17.0	0.0	
Channel				344500	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)		
25	QPSK	1	1	16.21	16.30	16.40	17.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	(dBm)		
20	QPSK	1	1	16.29	16.27	16.36	17.0	0.0	
Channel				343500	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1775	(dBm)		
15	QPSK	1	1	16.15	16.24	16.30	17.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	(dBm)		
10	QPSK	1	1	16.15	16.30	16.22	17.0	0.0	
Channel				342500	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)		
5	QPSK	1	1	16.16	16.23	16.31	17.0	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	22.25	22.37	22.22			
100	PI2 BPSK	1	137	22.20	22.19	22.34	23.0	0.0	
100	PI2 BPSK	1	211	22.26	22.41	22.31			
100	PI2 BPSK	135	0	22.29	22.35	22.32	23.0	0.0	
100	PI2 BPSK	135	69	22.32	22.33	22.36	23.0	0.0	
100	PI2 BPSK	135	135	22.20	22.34	22.39	23.0	0.0	
100	QPSK	1	1	22.36	22.42	22.39			
100	QPSK	1	137	22.40	22.28	22.19	23.0	0.0	
100	QPSK	1	211	22.21	22.16	22.29			
100	QPSK	135	0	22.34	22.21	22.33	23.0	0.0	
100	QPSK	135	69	22.36	22.40	22.38	23.0	0.0	
100	QPSK	135	135	22.27	22.25	22.21	23.0	0.0	
100	QPSK	219	0	22.23	22.38	22.33			
100	16QAM	1	1	22.36	22.20	22.28	23.0	0.0	
100	64QAM	1	1	22.30	22.36	22.38	23.0	0.0	
100	256QAM	1	1	20.36	21.03	20.97	22.5	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.25	22.35	22.28	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.19	22.37	22.23	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.23	22.34	22.35	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.22	22.22	22.28	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.28	22.36	22.24	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.25	22.36	22.20	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.21	22.24	22.22	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.25	22.36	22.19	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.22	22.36	22.25	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.30	22.35	22.29	23.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	25.29	25.39	25.20			
100	PI2 BPSK	1	137	25.32	25.39	25.24	26.0		
100	PI2 BPSK	1	211	25.23	25.34	25.22			
100	PI2 BPSK	135	0	25.20	25.34	25.23	26.0	0.0	
100	PI2 BPSK	135	69	25.19	25.21	25.21	26.0	0.0	
100	PI2 BPSK	135	135	25.36	25.38	25.34	26.0	0.0	
100	QPSK	219	0	25.32	25.41	25.37			
100	QPSK	1	1	25.40	25.42	25.36			
100	QPSK	1	137	25.39	25.35	25.39	26.0	0.0	
100	QPSK	1	211	25.33	25.40	25.23			
100	QPSK	135	0	25.34	25.23	25.23	26.0	0.0	
100	QPSK	135	69	25.38	25.43	25.36	26.0	0.0	
100	QPSK	135	135	25.24	25.37	25.24	26.0	0.0	
100	QPSK	219	0	25.32	25.38	25.33			
100	16QAM	1	1	25.38	25.27	25.38	26.0	0.0	
100	64QAM	1	1	23.65	23.82	23.61	24.5	1.5	
100	256QAM	1	1	21.50	21.73	21.74	22.5	3.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.20	25.23	25.18	26.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.26	25.40	25.17	26.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.24	25.34	25.30	26.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.26	25.38	25.21	26.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.31	25.26	25.25	26.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.31	25.32	25.23	26.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.32	25.31	25.23	26.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.30	25.36	25.20	26.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.28	25.33	25.16	26.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	25.24	25.32	25.22	26.0	0.0	

Part270Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	22.13					
100	PI2 BPSK	1	137	22.19			23.0		
100	PI2 BPSK	1	211	22.21					
100	PI2 BPSK	135	0	22.26			23.0	0.0	
100	PI2 BPSK	135	69	22.21			23.0	0.0	
100	PI2 BPSK	135	135	22.08			23.0	0.0	
100	QPSK	219	0	22.19					
100	QPSK	1	1	22.29					
100	QPSK	1	137	22.15			23.0	0.0	
100	QPSK	1	211	22.22					
100	QPSK	135	0	22.15			23.0	0.0	
100	QPSK	135	69	22.26			23.0	0.0	
100	QPSK	135	135	22.14			23.0	0.0	
100	QPSK	219	0	22.22					
100	16QAM	1	1	22.16			23.0	0.0	
100	64QAM	1	1	22.17			23.0	0.0	
100	256QAM	1	1	20.94			22.5	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.20	22.11	22.17	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.16	22.12	22.18	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.19	22.19	22.11	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.07	22.13	22.04	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.22	22.12	22.09	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.22	22.14	22.08	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.18	22.16	22.08	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.12	22.09	22.08	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.05	22.13	22.05	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.05	22.19	22.17	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.05	22.21	22.18	23.0	0.0	

Part96 n78 PC3 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch/Freq	Power Middle Ch/Freq	Power High Ch/Freq	Time-up time (dBm)	MPR (dB)	
Channel									
	Frequency (MHz)			640000	641666	643332			
				364500	364590	364680			
100	PQ2 BPSK	1	21.98	21.97	21.97				
100	PQ2 BPSK	1	137	21.93	22.04	21.99	23.0	0.0	
100	PQ2 BPSK	231	21.99	21.98					
100	PQ2 BPSK	135	21.98	21.92	22.01	21.91	23.0	0.0	
100	PQ2 BPSK	135	69	21.96	21.95	21.96	23.0	0.0	
100	PQ2 BPSK	135	138	22.00	21.99	21.96	23.0	0.0	
100	QPSK	1	21.98	21.98					
100	QPSK	1	22.03	22.07	21.99				
100	QPSK	1	137	22.00	21.98	21.93	23.0	0.0	
100	QPSK	1	231	21.99	21.96	21.94			
100	QPSK	135	21.98	21.92	22.01	21.91	23.0	0.0	
100	QPSK	135	69	21.99	22.00	22.02	23.0	0.0	
100	QPSK	135	138	22.02	21.97	21.93	23.0	0.0	
100	QPSK	231	21.99	21.98					
100	16QAM	1	21.91	22.00	20.91	21.91	23.0		
100	64QAM	1	21.91	22.02	20.94	21.93	23.0	1.5	
100	256QAM	1	18.47	18.42	18.40	18.35			
100	256QAM	1	21.91	22.00	20.93	21.93	23.0		
Frequency (MHz)									
90	QPSK	1	21.87	21.87	21.90	21.90	23.0	0.0	
90	QPSK	1	30565	30624	30684	30744	23.0	0.0	
90	QPSK	1	26.81	26.81	26.90	26.90	23.0	0.0	
90	QPSK	1	21.88	22.01	21.91	21.91	23.0	0.0	
90	QPSK	1	134	22.01	21.94	21.93	23.0	0.0	
90	QPSK	1	21.95	21.94	21.93	21.93	23.0	0.0	
70	QPSK	1	21.90	21.99	21.94	21.94	23.0	0.0	
Channel									
	Frequency (MHz)			636666	646666	646666			
				364500	364590	364590			
60	QPSK	1	21.90	22.03	21.91	21.91	23.0	0.0	
60	QPSK	1	134	22.03	21.96	21.91	23.0	0.0	
60	QPSK	1	68334	646666	646666	646666	Time-up time (dBm)	MPR	
60	QPSK	1	395715	395715	395715	395715	Time-up time (dBm)	MPR	
50	QPSK	1	21.85	22.01	21.86	21.86	23.0	0.0	
50	QPSK	1	68800	646666	646666	646666	Time-up time (dBm)	MPR	
50	QPSK	1	397200	397200	397200	397200	Time-up time (dBm)	MPR	
40	QPSK	1	21.85	22.01	21.86	21.86	23.0	0.0	
40	QPSK	1	67868	646666	646666	646666	Time-up time (dBm)	MPR	
40	QPSK	1	396550	396550	396550	396550	Time-up time (dBm)	MPR	
30	QPSK	1	21.80	21.80	21.82	21.82	23.0	0.0	
30	QPSK	1	396550	396550	396550	396550	Time-up time (dBm)	MPR	
20	QPSK	1	21.96	21.99	21.82	21.82	23.0	0.0	
20	QPSK	1	396550	396550	396550	396550	Time-up time (dBm)	MPR	
15	QPSK	1	21.975	30624	30624	30624	Time-up time (dBm)	MPR	
15	QPSK	1	31.88	21.93	21.86	21.86	23.0	0.0	
15	QPSK	1	34571	30624	30624	30624	Time-up time (dBm)	MPR	
15	QPSK	1	34571	30624	30624	30624	Time-up time (dBm)	MPR	
10	QPSK	1	21.91	21.99	21.90	21.90	23.0	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	21.17	21.15	21.15		22.0	0.0
40	PI/2 BPSK	1	53	21.21	21.19	21.29			
40	PI/2 BPSK	1	104	21.15	21.27	21.35			
40	PI/2 BPSK	50	0	21.18	21.28	21.28			
40	PI/2 BPSK	50	28	21.21	21.21	21.22	22.0	22.0	0.0
40	PI/2 BPSK	50	56	21.23	21.19	21.31			
40	PI/2 BPSK	100	0	21.32	21.21	21.18			
40	QPSK	1	1	21.35	21.38	21.30			
40	QPSK	1	53	21.22	21.24	21.20		22.0	0.0
40	QPSK	1	104	21.24	21.22	21.19			
40	QPSK	50	0	21.30	21.35	21.16			
40	QPSK	50	28	21.32	21.37	21.34			
40	QPSK	50	56	21.20	21.17	21.15	22.0	22.0	0.0
40	QPSK	100	0	21.30	21.33	21.17			
40	16QAM	1	1	21.23	21.15	21.35	22.0		
40	64QAM	1	1	21.12	21.22	21.12	21.5		
40	256QAM	1	1	19.03	19.22	19.14	19.5	2.5	
Channel									
Frequency (MHz)				517002	518000	520598	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.17	21.19	21.19	22.0	0.0	
Channel									
Frequency (MHz)				518000	519000	520000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.15	21.27	21.19	22.0	0.0	
Channel									
Frequency (MHz)				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.17	21.18	21.15	22.0	0.0	
Channel									
Frequency (MHz)				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.17	21.33	21.17	22.0	0.0	

n41 Ant2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				509202	518598	528300				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI/2 BPSK	1	1	21.35	21.29	21.17				
100	PI/2 BPSK	1	137	21.20	21.17	21.29	22.0	0.0		
100	PI/2 BPSK	1	271	21.30	21.22	21.34				
100	PI/2 BPSK	135	0	21.24	21.22	21.38	22.0	0.0		
100	PI/2 BPSK	135	69	21.35	21.38	21.32	22.0	0.0		
100	PI/2 BPSK	135	138	21.28	21.29	21.35				
100	PI/2 BPSK	270	0	21.37	21.36	21.36	22.0	0.0		
100	QPSK	1	1	21.30	21.35	21.33				
100	QPSK	1	137	21.33	21.31	21.21	22.0	0.0		
100	QPSK	1	271	21.25	21.28	21.18				
100	QPSK	135	0	21.19	21.28	21.19	22.0	0.0		
100	QPSK	135	69	21.25	21.31	21.20	22.0	0.0		
100	QPSK	135	138	21.17	21.20	21.27				
100	QPSK	270	0	21.21	21.28	21.19	22.0	0.0		
100	16QAM	1	1	21.29	21.18	21.28	22.0	0.0		
100	64QAM	1	1	21.18	21.23	21.37	22.0	0.0		
100	256QAM	1	1	21.19	21.32	21.23	22.0	0.0		
Channel				508200	518598	528396	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2541	2592.99	2644.98				
90	QPSK	1	1	21.25	21.35	21.23	22.0	0.0		
Channel				507204	518598	529596	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2536.02	2592.99	2649.99				
80	QPSK	1	1	21.13	21.34	21.16	22.0	0.0		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2531.01	2592.99	2655				
70	QPSK	1	1	21.17	21.29	21.24	22.0	0.0		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2526	2592.99	2659.98				
60	QPSK	1	1	21.17	21.33	21.19	22.0	0.0		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2521.02	2592.99	2654.99				
50	QPSK	1	1	21.25	21.31	21.28	22.0	0.0		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2516.01	2592.99	2670				
40	QPSK	1	1	21.25	21.31	21.18	22.0	0.0		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2511	2592.99	2674.98				
30	QPSK	1	1	21.13	21.21	21.20	22.0	0.0		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2506.02	2592.99	2679.99				
20	QPSK	1	1	21.15	21.20	21.16	22.0	0.0		
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2503.5	2592.99	2672.48				
15	QPSK	1	1	21.21	21.32	21.28	22.0	0.0		
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2501.01	2592.99	2685				
10	QPSK	1	1	21.16	21.30	21.28	22.0	0.0		

n41 PC2 Ant2										
BW [MHz]	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)				2546.01	2552.99	2540				
100	PI/2 BPSK	1	1	24.36	24.27	24.17				
100	PI/2 BPSK	1	137	24.28	24.31	24.30	25.0	0.0		
100	PI/2 BPSK	1	271	24.29	24.19	24.22				
100	PI/2 BPSK	135	0	24.28	24.20	24.17	25.0	0.0		
100	PI/2 BPSK	135	69	24.31	24.25	24.17	25.0	0.0		
100	PI/2 BPSK	135	138	24.19	24.33	24.31				
100	PI/2 BPSK	270	0	24.27	24.28	24.18	25.0	0.0		
100	QPSK	1	1	24.31	24.35	24.33				
100	QPSK	1	137	24.20	24.29	24.31	25.0	0.0		
100	QPSK	1	271	24.21	24.21	24.15				
100	QPSK	135	0	24.33	24.17	24.21	25.0	0.0		
100	QPSK	135	69	24.27	24.35	24.25	25.0	0.0		
100	QPSK	135	138	24.23	24.17	24.32				
100	QPSK	270	0	24.25	24.32	24.23	25.0	0.0		
100	16QAM	1	1	24.25	24.23	24.24	25.0	0.0		
100	64QAM	1	1	22.76	22.74	22.88	24.5	0.5		
100	256QAM	1	1	21.54	21.59	21.47	22.5	2.5		
Channel										
Frequency (MHz)				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	24.11	24.32	24.19	25.0	0.0		
	Channel									
	Frequency (MHz)				507204	518598	529596			
80	QPSK	1	1	24.25	24.31	24.21	25.0	0.0		
	Channel									
	Frequency (MHz)				506202	518598	531000			
70	QPSK	1	1	24	24.21	24.24	25.0	0.0		
	Channel									
	Frequency (MHz)				505200	518598	531996			
60	QPSK	1	1	24.18	24.22	24.15	25.0	0.0		
	Channel									
	Frequency (MHz)				504204	518598	532996			
50	QPSK	1	1	25.01	25.02	24.99	25.0	0.0		
	Channel									
	Frequency (MHz)				503202	518598	534000			
40	QPSK	1	1	24.14	24.21	24.27	25.0	0.0		
	Channel									
	Frequency (MHz)				502200	518598	535996			
30	QPSK	1	1	25.11	25.02	25.04	25.0	0.0		
	Channel									
	Frequency (MHz)				501204	518598	536996			
20	QPSK	1	1	25.06	25.02	25.09	25.0	0.0		
	Channel									
	Frequency (MHz)				500200	518598	537900			
10	QPSK	1	1	24.17	24.24	24.18	25.0	0.0		
	Channel									
	Frequency (MHz)				2501.01	2552.99	2585			

Reduced Power Mode for DSI3 Simultaneous

n2 Ant1									
BW (MHz)	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	PI/2 BPSK	1	1	20.68	20.81	20.74			
20	PI/2 BPSK	1	53	20.65	20.68	20.71	21.5	0.0	
20	PI/2 BPSK	1	104	20.67	20.68	20.60			
20	PI/2 BPSK	50	0	20.65	20.68	20.64	21.5	0.0	
20	PI/2 BPSK	50	28	20.79	20.68	20.69	21.5	0.0	
20	PI/2 BPSK	50	56	20.80	20.79	20.81	21.5	0.0	
20	PI/2 BPSK	100	0	20.67	20.71	20.76			
20	QPSK	1	1	20.63	20.66	20.77			
20	QPSK	1	53	20.79	20.71	20.68	21.5	0.0	
20	QPSK	1	104	20.77	20.76	20.59			
20	QPSK	50	0	20.63	20.63	20.63	21.5	0.0	
20	QPSK	50	28	20.80	20.64	20.78	21.5	0.0	
20	QPSK	50	56	20.75	20.60	20.65	21.5	0.0	
20	QPSK	100	0	20.73	20.76	20.65			
20	16QAM	1	1	20.60	20.84	20.78	21.5	0.0	
20	64QAM	1	1	20.61	20.65	20.65	21.5	0.0	
20	256QAM	1	1	19.74	19.89	19.91	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	20.56	20.61	20.71	21.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
10	QPSK	1	1	20.49	20.75	20.60	21.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	20.50	20.68	20.68	21.5	0.0	

n5 Ant1									
BW (MHz)	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	24.24	24.33	24.28			
20	PI/2 BPSK	1	53	24.27	24.32	24.18	25.0	0.0	
20	PI/2 BPSK	1	104	24.12	24.21	24.09			
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5	
20	PI/2 BPSK	100	0	24.16	24.31	24.17			
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26	25.0	0.0	
20	QPSK	1	104	24.17	24.27	24.16			
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0	
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0	
20	QPSK	50	56	23.66	23.80	23.66			
20	QPSK	100	0	23.60	23.69	23.62	24.0	1.0	
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0	
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5	
20	256QAM	1	1	19.68	19.97	19.92	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	24.25	24.30	24.24	25.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.17	24.28	24.25	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	24.27	24.25	24.23	25.0	0.0	

n14 Ant1									
BW (MHz)	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)				793					
10	PI/2 BPSK	1	1		24.09				
10	PI/2 BPSK	1	26		23.99		25.0	0.0	
10	PI/2 BPSK	1	50		23.89				
10	PI/2 BPSK	25	0		23.92		24.5	0.5	
10	PI/2 BPSK	25	14		23.88		25.0	0.0	
10	PI/2 BPSK	25	27		23.84		24.5	0.5	
10	PI/2 BPSK	50	0		23.92				
10	QPSK	1	1		24.10				
10	QPSK	1	26		23.94		25.0	0.0	
10	QPSK	1	50		23.96				
10	QPSK	25	0		23.93		24.0	1.0	
10	QPSK	25	14		24.06		25.0	0.0	
10	QPSK	25	27		23.01		24.0	1.0	
10	QPSK	50	0		23.08				
10	16QAM	1	1		23.06		24.0	1.0	
10	64QAM	1	1		21.60		22.5	2.5	
10	256QAM	1	1		19.52		20.5	4.5	
Channel				158100	158600	159100	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0	

n25 Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				1870	1882.5	1895				
40	PI/2 BPSK	1	1	20.75	20.72	20.71				
40	PI/2 BPSK	1	108	20.64	20.65	20.85	21.5	0.0		
40	PI/2 BPSK	1	214	20.72	20.64	20.86				
40	PI/2 BPSK	108	0	20.74	20.70	20.82	21.5	0.0		
40	PI/2 BPSK	108	54	20.88	20.66	20.82	21.5	0.0		
40	PI/2 BPSK	108	108	20.62	20.84	20.66	21.5	0.0		
40	PI/2 BPSK	216	0	20.63	20.78	20.82	21.5	0.0		
40	QPSK	1	1	20.83	20.90	20.86				
40	QPSK	1	108	20.65	20.72	20.85	21.5	0.0		
40	QPSK	1	214	20.68	20.86	20.70				
40	QPSK	108	0	20.85	20.87	20.79	21.5	0.0		
40	QPSK	108	54	20.73	20.88	20.79	21.5	0.0		
40	QPSK	108	108	20.70	20.86	20.72	21.5	0.0		
40	QPSK	216	0	20.78	20.81	20.80				
40	16QAM	1	1	20.85	20.87	20.72	21.5	0.0		
40	64QAM	1	1	20.89	20.83	20.86	21.5	0.0		
40	256QAM	1	1	19.51	19.71	19.57	20.0	1.5		
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)		
35	QPSK	1	1	20.71	20.88	20.79	21.5	0.0		
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1865	1882.5	1900				
30	QPSK	1	1	20.87	20.71	20.89	21.5	0.0		
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1882.5	1882.5	1902.5				
25	QPSK	1	1	20.70	20.73	20.77	21.5	0.0		
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1890	1882.5	1902				
20	QPSK	1	1	20.69	20.71	20.81	21.5	0.0		
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1887.5	1882.5	1907.5				
15	QPSK	1	1	20.69	20.83	20.73	21.5	0.0		
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1895	1882.5	1910				
10	QPSK	1	1	20.64	20.77	20.71	21.5	0.0		
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1882.5	1882.5	1912.5				
5	QPSK	1	1	20.74	20.85	20.79	21.5	0.0		

n66 Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 346000	Power Middle Ch. / Freq. 349000	Power High Ch. / Freq. 352000	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
40	PI/2 BPSK	1	1	22.90	22.73	22.85				
40	PI/2 BPSK	1	108	22.66	22.82	22.67	23.5	0.0		
40	PI/2 BPSK	1	214	22.72	22.74	22.86				
40	PI/2 BPSK	108	0	22.87	22.80	22.89	23.5	0.0		
40	PI/2 BPSK	108	54	22.81	22.72	22.90	23.5	0.0		
40	PI/2 BPSK	108	108	22.87	22.80	22.88	23.5	0.0		
40	PI/2 BPSK	216	0	22.65	22.88	22.71				
40	QPSK	1	1	22.85	22.92	22.87				
40	QPSK	1	108	22.79	22.65	22.75	23.5	0.0		
40	QPSK	1	214	22.75	22.75	22.89				
40	QPSK	108	0	22.71	22.79	22.85	23.5	0.0		
40	QPSK	108	54	22.72	22.87	22.76	23.5	0.0		
40	QPSK	108	108	22.72	22.82	22.82	23.5	0.0		
40	QPSK	216	0	22.76	22.85	22.82				
40	16QAM	1	1	22.81	22.69	22.79	23.5	0.0		
40	64QAM	1	1	21.33	21.50	21.48	22.0	1.5		
40	256QAM	1	1	19.47	19.53	19.55	20.0	3.5		
Channel				345000	349000	352000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1727.5	1745	1762.5				
35	QPSK	1	1	22.69	22.83	22.71	23.5	0.0		
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1725	1745	1765				
30	QPSK	1	1	22.65	22.80	22.76	23.5	0.0		
Channel				345000	349000	353500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1722.5	1745	1767.5				
25	QPSK	1	1	22.78	22.77	22.82	23.5	0.0		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	1	22.75	22.80	22.68	23.5	0.0		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	1	22.74	22.86	22.78	23.5	0.0		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	1	22.67	22.73	22.81	23.5	0.0		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	1	22.67	22.81	22.80	23.5	0.0		

n71 Ant1										
BW	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				136600	136100	137600				
Frequency (MHz)				673	680.5	688				
20	PI/2 BPSK	1	1	24.08	24.17	24.16				
20	PI/2 BPSK	1	53	24.11	24.14	24.17	25.0	0.0		
20	PI/2 BPSK	1	104	23.18	23.26	23.16				
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5		
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0		
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5		
20	PI/2 BPSK	100	0	24.04	24.08	24.03				
20	QPSK	1	1	24.19	24.23	24.20				
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0		
20	QPSK	1	104	23.89	24.12	23.96				
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0		
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0		
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0		
20	QPSK	100	0	23.14	23.36	23.23				
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0		
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5		
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5		
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0		
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	680.5	693				
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0		
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	695.5				
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0		

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2500	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59			
40	PI/2 BPSK	1	108	22.66	22.72	22.62	23.5	0.0	
40	PI/2 BPSK	1	214	22.74	22.79	22.62			
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5	
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0	
40	PI/2 BPSK	108	108	22.73	22.81	22.74			
40	PI/2 BPSK	216	0	22.59	22.75	22.60	23.0	0.5	
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.64	23.5	0.0	
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67			
40	QPSK	216	0	21.59	21.75	21.67	22.5	1.0	
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n41 Ant4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509020	518598	520000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.31	21.51	21.31			
100	PI/2 BPSK	1	137	21.25	21.35	21.22	22.0	0.0	
100	PI/2 BPSK	1	271	21.35	21.41	21.25			
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0	
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0	
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0	
100	PI/2 BPSK	270	0	21.20	21.41	21.19			
100	QPSK	1	1	21.52	21.55	21.39			
100	QPSK	1	137	21.24	21.42	21.28			
100	QPSK	1	271	21.41	21.49	21.48			
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0	
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0	
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0	
100	QPSK	270	0	21.28	21.51	21.46			
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0	
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0	
100	256QAM	1	1	19.88	20.06	20.05	20.5	1.5	
Channel				500200	518598	520998	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0	
Channel				500202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	21.37	21.38	21.25	22.0	0.0	
Channel				505200	518598	531998	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0	
Channel				502200	518598	534998	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0	
Channel				500700	518598	536998	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0	

n41 PC2 Ant4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				5090202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	24.53	24.57	24.40			
100	PI/2 BPSK	1	137	24.38	24.42	24.40	25.0	0.0	
100	PI/2 BPSK	1	271	24.35	24.38	24.27			
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5	
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0	
100	PI/2 BPSK	135	138	23.85	23.87	23.69		24.5	0.5
100	PI/2 BPSK	270	0	23.90	23.97	23.74			
100	QPSK	1	1	24.57	24.59	24.47			
100	QPSK	1	137	24.56	24.53	24.52	25.0	0.0	
100	QPSK	1	271	24.27	24.49	24.38			
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0	
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0	
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0	
100	QPSK	270	0	23.52	23.54	23.53			
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0	
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5	
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5	
Channel				5080200	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.49	24.44	24.32	25.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0	
Channel				5060202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0	
Channel				500700	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.41	24.49	24.42	25.0	0.0	

n48 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3625	3680			
40	PI/2 BPSK	1	1	22.33	22.31	22.50	23.0	0.0	
40	PI/2 BPSK	1	53	22.44	22.44	22.44			
40	PI/2 BPSK	1	104	22.36	22.44	22.39			
40	PI/2 BPSK	50	0	22.34	22.36	22.40	23.0	0.0	
40	PI/2 BPSK	50	28	22.33	22.40	22.37	23.0	0.0	
40	PI/2 BPSK	50	56	22.53	22.40	22.41	23.0	0.0	
40	PI/2 BPSK	100	0	22.43	22.40	22.52	23.0	0.0	
40	QPSK	1	1	22.42	22.56	22.50			
40	QPSK	1	53	22.38	22.45	22.47			
40	QPSK	1	104	22.54	22.44	22.53	23.0	0.0	
40	QPSK	50	0	22.29	22.41	22.39	23.0	0.0	
40	QPSK	50	28	22.48	22.52	22.51	23.0	0.0	
40	QPSK	50	56	22.37	22.29	22.45	23.0	0.0	
40	QPSK	100	0	22.45	22.48	22.41	23.0	0.0	
40	16QAM	1	1	22.40	22.52	22.45			
40	64QAM	1	1	20.47	20.63	20.61			
40	256QAM	1	1	18.47	18.59	18.40	19.5	3.5	3.5
Channel				637668	641666	645668	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3565	3625	3685			
30	QPSK	1	1	22.37	22.45	22.37	23.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3960	3625	3690			
20	QPSK	1	1	22.38	22.37	22.37	23.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				3955	3625	3695			
10	QPSK	1	1	22.34	22.43	22.41	23.0	0.0	

Part270 n77 Ant6													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				650000	656000	662000							
Frequency (MHz)				3750	3840	3930							
100	PI/2 BPSK	1	1	23.09	23.23	23.22	24.0	0.0					
100	PI/2 BPSK	1	137	23.18	23.21	23.24							
100	PI/2 BPSK	1	271	23.17	23.25	23.12							
100	PI/2 BPSK	135	0	23.12	23.19	23.03	24.0	0.0					
100	PI/2 BPSK	135	69	23.22	23.20	23.26	24.0	0.0					
100	PI/2 BPSK	135	138	23.27	23.32	23.08	24.0	0.0					
100	PI/2 BPSK	270	0	23.02	23.27	23.26	24.0	0.0					
100	QPSK	1	1	23.24	23.36	23.32							
100	QPSK	1	137	23.20	23.28	23.04							
100	QPSK	1	271	23.26	23.29	23.27	24.0	0.0					
100	QPSK	135	0	23.07	23.26	23.09	24.0	0.0					
100	QPSK	135	69	23.12	23.28	23.14	24.0	0.0					
100	QPSK	135	138	22.94	23.12	22.92	24.0	0.0					
100	QPSK	270	0	23.12	23.22	23.01							
100	16QAM	1	1	23.13	23.15	23.11					24.0		
100	64QAM	1	1	23.03	23.19	22.99	24.0	0.0					
100	256QAM	1	1	20.05	21.03	20.97	22.5	1.5					
Channel				649668	656000	662334	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3745	3840	3935							
90	QPSK	1	1	23.15	23.31	23.26	24.0	0.0					
Channel				649334	656000	662668	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3740	3840	3940							
80	QPSK	1	1	23.12	23.30	23.28	24.0	0.0					
Channel				649000	656000	663000	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3735	3840	3945							
70	QPSK	1	1	23.05	23.31	23.18	24.0	0.0					
Channel				648668	656000	663334	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3730	3840	3950							
60	QPSK	1	1	23.16	23.20	23.15	24.0	0.0					
Channel				648334	656000	663668	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3725	3840	3955							
50	QPSK	1	1	23.16	23.28	23.17	24.0	0.0					
Channel				648000	656000	664000	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3720	3840	3960							
40	QPSK	1	1	23.10	23.19	23.25	24.0	0.0					
Channel				647668	656000	664334	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3715	3840	3965							
30	QPSK	1	1	23.07	23.24	23.20	24.0	0.0					
Channel				647334	656000	664668	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3710	3840	3970							
20	QPSK	1	1	23.11	23.30	23.16	24.0	0.0					
Channel				647168	656000	664934	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3707.5	3840	3972.5							
15	QPSK	1	1	23.12	23.19	23.27	24.0	0.0					
Channel				647000	656000	665000	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3705	3840	3975							
10	QPSK	1	1	23.16	23.24	23.23	24.0	0.0					

Part270 n77 PC2 Ant6													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)					
Channel				650000	656000	662000							
Frequency (MHz)				3750	3840	3930							
100	PI/2 BPSK	1	1	26.14	26.21	25.97	27.0	0.0					
100	PI/2 BPSK	1	137	26.19	26.23	26.15							
100	PI/2 BPSK	1	271	26.08	26.21	26.00							
100	PI/2 BPSK	135	0	25.86	25.83	25.80	26.5	0.5					
100	PI/2 BPSK	135	69	26.22	26.19	26.12	27.0	0.0					
100	PI/2 BPSK	135	138	25.78	25.79	25.74	26.5	0.5					
100	PI/2 BPSK	270	0	25.69	25.83	25.68	27.0	0.0					
100	QPSK	1	1	26.19	26.36	26.35							
100	QPSK	1	137	26.15	26.24	26.07							
100	QPSK	1	271	26.17	26.31	26.26	27.0	0.0					
100	QPSK	135	0	25.41	25.51	25.43	26.0	1.0					
100	QPSK	135	69	26.24	26.29	26.26	27.0	0.0					
100	QPSK	135	138	25.30	25.27	25.20	26.0	1.0					
100	QPSK	270	0	25.23	25.33	25.28	26.0	1.0					
100	16QAM	1	1	25.21	25.20	25.12							
100	64QAM	1	1	23.66	23.82	23.61		24.5					
100	256QAM	1	1	21.50	21.73	21.74	22.5	4.5					
Channel				649668 <th>656000<th>662334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>662334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	662334 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3745 <th>3840<th>3935<th colspan="4"></th></th></th>	3840 <th>3935<th colspan="4"></th></th>	3935 <th colspan="4"></th>							
90	QPSK	1	1	26.10	26.25	26.26	27.0	0.0					
Channel				649334 <th>656000<th>662668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>662668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	662668 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3740 <th>3840<th>3940<th colspan="4"></th></th></th>	3840 <th>3940<th colspan="4"></th></th>	3940 <th colspan="4"></th>							
80	QPSK	1	1	26.05	26.26	26.24	27.0	0.0					
Channel				649000 <th>656000<th>663000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>663000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	663000 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3735 <th>3840<th>3945<th colspan="4"></th></th></th>	3840 <th>3945<th colspan="4"></th></th>	3945 <th colspan="4"></th>							
70	QPSK	1	1	26.07	26.26	26.27	27.0	0.0					
Channel				648668 <th>656000<th>663334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>663334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	663334 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3730 <th>3840<th>3950<th colspan="4"></th></th></th>	3840 <th>3950<th colspan="4"></th></th>	3950 <th colspan="4"></th>							
60	QPSK	1	1	26.13	26.30	26.20	27.0	0.0					
Channel				648334 <th>656000<th>663668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>663668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	663668 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3725 <th>3840<th>3960<th colspan="4"></th></th></th>	3840 <th>3960<th colspan="4"></th></th>	3960 <th colspan="4"></th>							
50	QPSK	1	1	26.10	26.29	26.17	27.0	0.0					
Channel				648000 <th>656000<th>664000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>664000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	664000 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3720 <th>3840<th>3960<th colspan="4"></th></th></th>	3840 <th>3960<th colspan="4"></th></th>	3960 <th colspan="4"></th>							
40	QPSK	1	1	26.11	26.19	26.16	27.0	0.0					
Channel				647668 <th>656000<th>664334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>664334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	664334 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3715 <th>3840<th>3970<th colspan="4"></th></th></th>	3840 <th>3970<th colspan="4"></th></th>	3970 <th colspan="4"></th>							
30	QPSK	1	1	26.12	26.30	26.26	27.0	0.0					
Channel				647334 <th>656000<th>664668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>664668<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	664668 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3710 <th>3840<th>3970<th colspan="4"></th></th></th>	3840 <th>3970<th colspan="4"></th></th>	3970 <th colspan="4"></th>							
20	QPSK	1	1	26.03	26.20	26.23	27.0	0.0					
Channel				647000 <th>656000<th>664834<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>664834<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	664834 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3705 <th>3840<th>3975<th colspan="4"></th></th></th>	3840 <th>3975<th colspan="4"></th></th>	3975 <th colspan="4"></th>							
15	QPSK	1	1	26.12	26.30	26.30	27.0	0.0					
Channel				646668 <th>656000<th>665000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>665000<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	665000 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						
Frequency (MHz)				3700 <th>3840<th>3975<th colspan="4"></th></th></th>	3840 <th>3975<th colspan="4"></th></th>	3975 <th colspan="4"></th>							
10	QPSK	1	1	26.12	26.31	26.28	27.0	0.0					
Channel				646334 <th>656000<th>665334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th></th>	656000 <th>665334<th colspan="4">Tune-up limit (dBm) MPR (dB)</th></th>	665334 <th colspan="4">Tune-up limit (dBm) MPR (dB)</th>	Tune-up limit (dBm) MPR (dB)						

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3500					
100	PI/2 BPSK	1	1	23.18					
100	PI/2 BPSK	1	137	23.18			24.0	0.0	
100	PI/2 BPSK	1	271	23.22					
100	PI/2 BPSK	135	0	23.14			24.0	0.0	
100	PI/2 BPSK	135	69	23.15			24.0	0.0	
100	PI/2 BPSK	135	138	23.17			24.0	0.0	
100	PI/2 BPSK	270	0	23.23					
100	QPSK	1	1	23.27					
100	QPSK	1	137	23.16			24.0	0.0	
100	QPSK	1	271	23.17					
100	QPSK	135	0	23.17			24.0	0.0	
100	QPSK	135	69	23.23			24.0	0.0	
100	QPSK	135	138	23.01			24.0	0.0	
100	QPSK	270	0	23.10					
100	16QAM	1	1	23.10			24.0	0.0	
100	64QAM	1	1	23.09			24.0	0.0	
100	256QAM	1	1	20.94			22.5	1.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500	3505			
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3500	3510			
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500	3515			
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500	3520			
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475	3500	3525			
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470	3500	3530			
40	QPSK	1	1	23.08	23.16	23.19	24.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500	3535			
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	1	23.08	23.16	23.16	24.0	0.0	
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0	

Part27Q n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3500					
100	PI/2 BPSK	1	1	26.14					
100	PI/2 BPSK	1	137	26.15			27.0	0.0	
100	PI/2 BPSK	1	271	26.05					
100	PI/2 BPSK	135	0	25.67			26.5	0.5	
100	PI/2 BPSK	135	69	26.07			27.0	0.0	
100	PI/2 BPSK	135	138	25.69			26.5	0.5	
100	PI/2 BPSK	270	0	25.68					
100	QPSK	1	1	26.25					
100	QPSK	1	137	26.15			27.0	0.0	
100	QPSK	1	271	26.18					
100	QPSK	135	0	25.34			26.0	1.0	
100	QPSK	135	69	26.20			27.0	0.0	
100	QPSK	135	138	25.11			26.0	1.0	
100	QPSK	270	0	25.25					
100	16QAM	1	1	25.04			26.0	1.0	
100	64QAM	1	1	23.65			24.5	2.5	
100	256QAM	1	1	21.65			22.5	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500	3505			
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3500	3510			
80	QPSK	1	1	26.09	26.10	26.11	27.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500	3515			
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500	3520			
60	QPSK	1	1	26.15	26.10	26.15	27.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475	3500	3525			
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470	3500	3530			
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500	3535			
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	1	26.12	26.17	26.16	27.0	0.0	
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3625	3650			
100	PI/2 BPSK	1	1	22.43	22.29	22.45			
100	PI/2 BPSK	1	137	22.36	22.32	22.47	23.5	0.0	
100	PI/2 BPSK	1	271	22.36	22.46	22.48			
100	PI/2 BPSK	135	0	22.49	22.48	22.35	23.5	0.0	
100	PI/2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0	
100	PI/2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0	
100	PI/2 BPSK	270	0	22.32	22.42	22.31			
100	QPSK	1	1	22.49	22.52	22.45			
100	QPSK	1	137	22.28	22.34	22.40	23.5	0.0	
100	QPSK	1	271	22.38	22.34	22.44			
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0	
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0	
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0	
100	QPSK	270	0	22.39	22.44	22.31			
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0	
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0	
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0	
Channel				638668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3625	3655			
90	QPSK	1	1	22.45	22.46	22.38	23.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3600	3625	3650			
80	QPSK	1	1	22.34	22.45	22.35	23.5	0.0	
Channel				638900	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3625	3655			
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3625	3670			
60	QPSK	1	1	22.30	22.39	22.38	23.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3675	3695	3675			
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3625	3630			
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3630	3625	3625			
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0	
Channel				638334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3625	3690			
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.2	3555	3592.2			
15	QPSK	1	1	22.42	22.42	22.35	23.5	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3625	3625			
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Part270 n78 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				375000						
Frequency (MHz)				650000						
100	PI/2 BPSK	1	1	23.37						
100	PI/2 BPSK	1	137	23.39			24.0	0.0		
100	PI/2 BPSK	1	271	23.35						
100	PI/2 BPSK	135	0	23.28			23.5	0.5		
100	PI/2 BPSK	135	69	23.31			24.0	0.0		
100	PI/2 BPSK	135	138	23.25			23.5	0.5		
100	PI/2 BPSK	270	0	23.32						
100	QPSK	1	1	23.48						
100	QPSK	1	137	23.35			24.0	0.0		
100	QPSK	1	271	23.40						
100	QPSK	135	0	22.77			23.0	1.0		
100	QPSK	135	69	23.43			24.0	0.0		
100	QPSK	135	138	22.61			23.0	1.0		
100	QPSK	270	0	22.67						
100	16QAM	1	1	22.58			23.0	1.0		
100	64QAM	1	1	21.22			21.5	2.5		
100	256QAM	1	1	19.27			19.5	4.5		
Channel				648668	650000	650334	Tune-up limit (dbm)	MPR (dB)		
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0		
Channel				649334	650000	650668	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3740	3750	3760				
80	QPSK	1	1	23.30	23.36	23.31	24.0	0.0		
Channel				649000	650000	651000	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3735	3750	3765				
70	QPSK	1	1	23.33	23.36	23.44	24.0	0.0		
Channel				648668	650000	651334	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3730	3750	3770				
60	QPSK	1	1	23.32	23.39	23.41	24.0	0.0		
Channel				648334	650000	651668	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3725	3750	3775				
50	QPSK	1	1	23.37	23.37	23.41	24.0	0.0		
Channel				648000	650000	652000	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3720	3750	3780				
40	QPSK	1	1	23.35	23.44	23.31	24.0	0.0		
Channel				647668	650000	652334	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3715	3750	3785				
30	QPSK	1	1	23.42	23.41	23.31	24.0	0.0		
Channel				647334	650000	652668	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3710	3750	3790				
20	QPSK	1	1	23.40	23.31	23.31	24.0	0.0		
Channel				647168	650000	652934	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3707.5	3750	3792.5				
15	QPSK	1	1	23.42	23.43	23.36	24.0	0.0		
Channel				647000	650000	653000	Tune-up limit (dbm)	MPR (dB)		
Frequency (MHz)				3705	3750	3795				
10	QPSK	1	1	23.40	23.36	23.40	24.0	0.0		

Part27Q n78 Ant6										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				633332						
Frequency (MHz)				3500						
100	PI/2 BPSK	1	1	23.29			24.0	0.0		
100	PI/2 BPSK	1	137	23.27						
100	PI/2 BPSK	1	271	23.41						
100	PI/2 BPSK	135	0	23.03			23.5	0.5		
100	PI/2 BPSK	135	69	23.31			24.0	0.0		
100	PI/2 BPSK	135	138	23.09			23.5	0.5		
100	PI/2 BPSK	270	0	22.91						
100	QPSK	1	1	23.46			24.0	0.0		
100	QPSK	1	137	23.42						
100	QPSK	1	271	23.37						
100	QPSK	135	0	22.83			23.0	1.0		
100	QPSK	135	69	23.41			24.0	0.0		
100	QPSK	135	138	22.58			23.0	1.0		
100	QPSK	270	0	22.66						
100	16QAM	1	1	22.71			23.0	1.0		
100	64QAM	1	1	21.32			21.5	2.5		
100	256QAM	1	1	19.38			19.5	4.5		
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0		
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)		
80	QPSK	1	1	23.30	23.39	23.40	24.0	0.0		
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)		
70	QPSK	1	1	23.39	23.41	23.38	24.0	0.0		
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)		
60	QPSK	1	1	23.31	23.34	23.30	24.0	0.0		
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)		
50	QPSK	1	1	23.34	23.37	23.28	24.0	0.0		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)		
40	QPSK	1	1	23.36	23.41	23.32	24.0	0.0		
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	23.27	23.29	23.32	24.0	0.0		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	23.28	23.40	23.40	24.0	0.0		
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	23.26	23.31	23.37	24.0	0.0		
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	23.36	23.27	23.37	24.0	0.0		

Part96 n78 PC3 Ant6 Default										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				640000	641666	643332				
Frequency (MHz)				3600	3625	3650				
100	PI/2 BPSK	1	1	22.44	22.45	22.45				
100	PI/2 BPSK	1	137	22.42	22.42	22.42	23.5	0.0		
100	PI/2 BPSK	1	271	22.41	22.30	22.29				
100	PI/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0		
100	PI/2 BPSK	135	69	22.44	22.46	22.45	23.5	0.0		
100	PI/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0		
100	PI/2 BPSK	270	0	22.48	22.47	22.37				
100	QPSK	1	1	22.42	22.46	22.46				
100	QPSK	1	137	22.37	22.44	22.41	23.5	0.0		
100	QPSK	1	271	22.33	22.36	22.33				
100	QPSK	135	0	21.82	21.99	21.98	23.0	0.5		
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0		
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5		
100	QPSK	270	0	21.96	22.09	21.97				
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5		
100	64QAM	1	1	20.50	20.57	20.44	21.5	2.0		
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0		
Channel				639668	641666	645332	Tune-up limit (dBm)	MPR (dB)		
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0		
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)		
80	QPSK	1	1	22.24	22.39	22.39	23.5	0.0		
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)		
70	QPSK	1	1	22.26	22.38	22.32	23.5	0.0		
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)		
60	QPSK	1	1	22.21	22.33	22.33	23.5	0.0		
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)		
50	QPSK	1	1	22.16	22.30	22.30	23.5	0.0		
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)		
40	QPSK	1	1	22.28	22.38	22.28	23.5	0.0		
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)		
30	QPSK	1	1	22.32	22.39	22.29	23.5	0.0		
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)		
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0		
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	1	22.28	22.32	22.32	23.5	0.0		
Channel				636668	641666	646666	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	22.35	22.35	22.35	23.5	0.0		
Channel				636334	641666	647000	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0		

n38 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2550.02	2595	2599.98			
40	PI/2 BPSK	1	1	22.75	22.78	22.73			
40	PI/2 BPSK	1	53	22.68	22.76	22.85	23.5	0.0	
40	PI/2 BPSK	1	104	22.86	22.89	22.84			
40	PI/2 BPSK	50	0	22.75	22.70	22.66	23.5	0.0	
40	PI/2 BPSK	50	28	22.87	22.88	22.76	23.5	0.0	
40	PI/2 BPSK	50	58	22.89	22.90	22.73	23.5	0.0	
40	PI/2 BPSK	100	0	22.72	22.87	22.72			
40	QPSK	1	1	22.87	22.83	22.90			
40	QPSK	1	53	22.72	22.70	22.83	23.5	0.0	
40	QPSK	1	104	22.68	22.73	22.79			
40	QPSK	50	0	22.73	22.74	22.62	23.0	0.5	
40	QPSK	50	28	22.85	22.91	22.87	23.5	0.0	
40	QPSK	50	58	22.51	22.58	22.43	23.0	0.5	
40	QPSK	100	0	22.54	22.81	22.45	23.0	0.5	
40	16QAM	1	1	22.85	22.75	22.64	23.0	0.5	
40	64QAM	1	1	21.12	21.22	21.12	21.5	2.0	
40	256QAM	1	1	19.03	19.22	19.14	19.5	4.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2555.01	2595	2604.99			
30	QPSK	1	1	22.70	22.82	22.73	23.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	22.68	22.77	22.76	23.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	22.74	22.82	22.81	23.5	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	22.73	22.78	22.78	23.5	0.0	

n41 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2545.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.75	22.92	22.79			
100	PI/2 BPSK	1	137	22.85	22.77	22.88	23.5	0.0	
100	PI/2 BPSK	1	271	22.76	22.68	22.76			
100	PI/2 BPSK	135	0	22.66	22.87	22.92	23.5	0.0	
100	PI/2 BPSK	135	69	22.72	22.90	22.87	23.5	0.0	
100	PI/2 BPSK	135	138	22.82	22.70	22.82			
100	PI/2 BPSK	270	0	22.94	22.69	22.85	23.5	0.0	
100	QPSK	1	1	22.86	22.96	22.91			
100	QPSK	1	137	22.70	22.89	22.68	23.5	0.0	
100	QPSK	1	271	22.68	22.78	22.85			
100	QPSK	135	0	22.78	22.71	22.84	23.5	0.0	
100	QPSK	135	69	22.87	22.91	22.81	23.5	0.0	
100	QPSK	135	138	22.97	22.73	22.89	23.5	0.0	
100	QPSK	270	0	22.82	22.95	22.72			
100	16QAM	1	1	22.82	22.71	22.72	23.5	0.0	
100	64QAM	1	1	22.74	22.91	22.82	23.5	0.0	
100	256QAM	1	1	22.26	22.24	22.27	22.5	1.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.96			
90	QPSK	1	1	22.70	22.79	22.85	23.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.75	22.79	22.78	23.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.67	22.85	22.74	23.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.76	22.78	22.72	23.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.76	22.83	22.73	23.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.78	22.86	22.82	23.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.70	22.77	22.74	23.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.77	22.80	22.81	23.5	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.67	22.82	22.74	23.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.75	22.84	22.84	23.5	0.0	

n41 PC2 An2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.72	25.70	25.86			
100	PI/2 BPSK	1	137	25.84	25.78	25.82	26.5	0.0	
100	PI/2 BPSK	1	271	25.86	25.89	25.89			
100	PI/2 BPSK	135	0	25.82	25.81	25.79	26.5	0.0	
100	PI/2 BPSK	135	69	25.86	25.72	25.64	26.5	0.0	
100	PI/2 BPSK	135	138	25.70	25.86	25.71	26.5	0.0	
100	PI/2 BPSK	270	0	25.84	25.78	25.89			
100	QPSK	1	1	25.87	25.90	25.89			
100	QPSK	1	137	25.81	25.71	25.77	26.5	0.0	
100	QPSK	1	271	25.83	25.86	25.70			
100	QPSK	135	0	25.32	25.41	25.33	26.0	0.5	
100	QPSK	135	69	25.83	25.88	25.72	26.5	0.0	
100	QPSK	135	138	25.36	25.54	25.31	26.0	0.5	
100	QPSK	270	0	25.14	25.35	25.14			
100	16QAM	1	1	25.36	25.34	25.18	26.0	0.5	
100	64QAM	1	1	22.76	22.74	22.68	24.5	2.0	
100	256QAM	1	1	21.54	21.59	21.47	22.5	4.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.96			
90	QPSK	1	1	25.76	25.84	25.72	26.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.67	25.79	25.78	26.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.68	25.82	25.77	26.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.76	25.80	25.86	26.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.68	25.81	25.70	26.5	0.0	
Channel				503202	518598	533996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.79	25.86	25.70	26.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.89	25.99	25.79	26.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.77	25.86	25.79	26.5	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.3	2592.99	2682.48			
15	QPSK	1	1	25.71	25.79	25.71	26.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.71	25.80	25.81	26.5	0.0	

Part270 n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	18.33	18.43	18.22			
100	PV2 BPSK	1	137	18.28	18.47	18.31	20.0	0.0	
100	PV2 BPSK	1	271	18.08	18.18	18.09			
100	PV2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0	
100	PV2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0	
100	PV2 BPSK	135	138	18.19	18.35	18.17			
100	PV2 BPSK	270	0	18.26	18.27	18.06	20.0	0.0	
100	QPSK	1	1	18.43	18.55	18.39			
100	QPSK	1	137	18.48	18.44	18.44	20.0	0.0	
100	QPSK	1	271	18.06	18.28	18.22			
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0	
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0	
100	QPSK	135	138	18.26	18.36	18.15			
100	QPSK	270	0	18.19	18.33	18.26	20.0	0.0	
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0	
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0	
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	1	18.24	18.50	18.20	20.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	1	18.25	18.50	18.20	20.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	1	18.26	18.40	18.20	20.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0	

Part270 n77 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	21.28	21.32	21.21			
100	PV2 BPSK	1	137	21.46	21.44	21.29	23.0	0.0	
100	PV2 BPSK	1	271	21.53	21.75	21.62			
100	PV2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5	
100	PV2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0	
100	PV2 BPSK	135	138	20.99	21.04	20.96			
100	PV2 BPSK	270	0	20.89	20.94	20.87	22.5	0.5	
100	QPSK	1	1	21.81	21.85	21.70			
100	QPSK	1	137	21.40	21.47	21.42	23.0	0.0	
100	QPSK	1	271	21.62	21.78	21.58			
100	QPSK	135	0	20.08	20.30	20.08	22.0	1.0	
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0	
100	QPSK	135	138	20.22	20.43	20.35			
100	QPSK	270	0	20.49	20.64	20.47	22.0	1.0	
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0	
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5	
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)		
90	QPSK	1	1	21.76	21.68	21.65	23.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)		
80	QPSK	1	1	21.62	21.70	21.55	23.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)		
70	QPSK	1	1	21.69	21.80	21.56	23.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)		
60	QPSK	1	1	21.72	21.66	21.65	23.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)		
50	QPSK	1	1	21.62	21.72	21.52	23.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)		
30	QPSK	1	1	21.73	21.76	21.54	23.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)		
20	QPSK	1	1	21.61	21.74	21.52	23.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)		
15	QPSK	1	1	21.76	21.69	21.64	23.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)		
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0	

Part27Q n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666			
Frequency (MHz)				3492	3499.98	3504.99			
100	PV2 BPSK	1	1	18.32					
100	PV2 BPSK	1	137	18.26			20.0	0.0	0.0
100	PV2 BPSK	1	271	18.05					
100	PV2 BPSK	135	0	18.43			20.0	0.0	0.0
100	PV2 BPSK	135	69	18.51			20.0	0.0	0.0
100	PV2 BPSK	135	138	18.25					
100	PV2 BPSK	270	0	18.36			20.0	0.0	0.0
100	QPSK	1	1	18.46					
100	QPSK	1	137	18.38			20.0	0.0	0.0
100	QPSK	1	271	18.19					
100	QPSK	135	0	18.11			20.0	0.0	0.0
100	QPSK	135	69	18.52			20.0	0.0	0.0
100	QPSK	135	138	18.36					
100	QPSK	270	0	18.37			20.0	0.0	0.0
100	16QAM	1	1	18.23					
100	64QAM	1	1	18.19			20.0	0.0	0.0
100	256QAM	1	1	17.06			18.5	1.5	0.0
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3492	3499.98	3504.99			
90	QPSK	1	1	18.41			20.0	0.0	0.0
Channel <td>632668<td>633332<td>634000<td></td><td colspan="2"></td></td></td></td>				632668 <td>633332<td>634000<td></td><td colspan="2"></td></td></td>	633332 <td>634000<td></td><td colspan="2"></td></td>	634000 <td></td> <td colspan="2"></td>			
Frequency (MHz) <td>3490.02</td> <td>3499.98</td> <td>3510</td> <td></td> <td colspan="2"></td>				3490.02	3499.98	3510			
80	QPSK	1	1	18.46	18.48	18.45	20.0	0.0	0.0
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01 <th>3499.98</th> <th>3514.98</th> <th></th> <th colspan="2"></th>	3499.98	3514.98			
70	QPSK	1	1	18.46	18.43	18.37	20.0	0.0	0.0
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480 <td>3499.98</td> <td>3519.99</td> <td></td> <td colspan="2"></td>	3499.98	3519.99			
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02 <th>3499.98</th> <th>3525<td></td><td colspan="2"></td></th>	3499.98	3525 <td></td> <td colspan="2"></td>			
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0	0.0
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01 <td>3499.98</td> <td>3529.98</td> <td></td> <td colspan="2"></td>	3499.98	3529.98			
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0	0.0
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465 <td>3499.98</td>	3499.98	3534.99			
30	QPSK	1	1	18.46	18.32	18.43	20.0	0.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02 <td>3499.98</td> <td>3540</td> <td></td> <td colspan="2"></td>	3499.98	3540			
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0	0.0
Channel				630300	633332	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5 <td>3499.98</td>	3499.98	3542.49			
15	QPSK	1	1	18.43	18.40	18.45	20.0	0.0	0.0
Channel				630034	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01 <td>3499.98</td> <td>3544.98</td> <td></td> <td colspan="2"></td>	3499.98	3544.98			
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0	0.0

Part27Q n77 PC2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3499.98	3504.99			
100	PI/2 BPSK	1	1	21.30	21.47	21.63	23.0	0.0	
100	PI/2 BPSK	1	137	21.47	21.48	21.49			
100	PI/2 BPSK	1	271	21.48	20.95	20.89	22.5	0.5	
100	PI/2 BPSK	135	0	20.95	21.41	21.41	23.0	0.0	
100	PI/2 BPSK	135	69	20.89	21.41	21.41			
100	PI/2 BPSK	135	138	20.89	21.41	21.41	22.5	0.5	
100	PI/2 BPSK	270	0	20.86	21.75	21.75			
100	QPSK	1	1	21.75	21.54	21.47	23.0	0.0	
100	QPSK	1	137	21.54	21.47	21.18			
100	QPSK	1	271	21.47	21.18	21.18	22.0	1.0	
100	QPSK	135	0	21.46	20.36	20.36	23.0	0.0	
100	QPSK	135	138	20.36	20.43	20.43	22.0	1.0	
100	QPSK	270	0	20.43	20.46	20.46			
100	16QAM	1	1	20.46	18.89	18.89	22.0	1.0	
100	64QAM	1	1	18.89	16.65	16.65	20.5	2.5	
100	256QAM	1	1	16.65			18.5	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3499.98	3504.99			
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3489.01	3499.98	3514.98			
70	QPSK	1	1	21.69	21.69	21.70	23.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	21.74	21.68	21.88	23.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0	
Channel				630300	633332	636166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0	

Part96 n77 Ant2 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3500	3524.99	3549.98			
100	PI/2 BPSK	1	1	18.23	18.30	18.14			
100	PI/2 BPSK	1	137	18.07	18.21	18.15	20.0	0.0	
100	PI/2 BPSK	1	271	17.81	17.89	17.74			
100	PI/2 BPSK	135	0	18.20	18.29	18.20	20.0	0.0	
100	PI/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0	
100	PI/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0	
100	PI/2 BPSK	270	0	18.24	18.28	18.26			
100	QPSK	1	1	18.42	18.47	18.41			
100	QPSK	1	137	18.29	18.38	18.35	20.0	0.0	
100	QPSK	1	271	17.94	18.07	18.03			
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0	
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0	
100	QPSK	135	138	18.19	18.22	18.15			
100	QPSK	270	0	18.25	18.36	18.21	20.0	0.0	
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0	
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0	
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3674.99			
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.98			
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0	
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.52	3624.99	3692.49			
15	QPSK	1	1	18.30	18.38	18.42	20.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	18.42	18.40	18.39	20.0	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	22.68	22.67	22.75	24.0	0.0
100	Pi2 BPSK	1	137	22.49	22.63	22.48		
100	Pi2 BPSK	1	271	22.63	22.61	22.40		
100	Pi2 BPSK	135	0	22.66	22.70	22.67	24.0	0.0
100	Pi2 BPSK	135	69	22.36	22.98	22.59	24.0	0.0
100	Pi2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0
100	Pi2 BPSK	270	0	22.57	22.75	22.55	24.0	0.0
100	QPSK	1	1	22.64	22.53	22.73		
100	QPSK	1	137	22.64	22.71	22.52		
100	QPSK	1	271	22.64	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0
100	QPSK	270	0	22.72	22.63	22.75	24.0	0.0
100	16QAM	1	1	22.70	22.89	22.79		
100	16QAM	1	1	22.69	22.92	22.86		
100	256QAM	1	1	21.23	21.47	21.38	22.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.72	22.70	22.69	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.73	22.81	22.58	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.68	22.83	22.69	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	23.70	23.71	23.67	27.0	0.0
100	Pi2 BPSK	1	137	23.35	23.52	23.48		
100	Pi2 BPSK	1	271	23.25	23.44	23.41		
100	Pi2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	Pi2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	Pi2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5
100	Pi2 BPSK	270	0	24.86	25.05	24.84	27.0	0.0
100	QPSK	1	1	25.76	25.81	25.53		
100	QPSK	1	137	25.60	25.66	25.76		
100	QPSK	1	271	25.28	25.44	25.38		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0
100	QPSK	135	138	24.36	24.43	24.29	26.0	1.0
100	QPSK	270	0	24.70	24.73	24.62	26.0	1.0
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	16QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.99	22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.60	25.77	25.39	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.69	25.62	25.48	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	19.29	19.26	19.17	20.0	0.0
100	Pi2 BPSK	1	137	18.99	19.09	19.08		
100	Pi2 BPSK	1	271	19.28	19.26	19.08		
100	Pi2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	Pi2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	Pi2 BPSK	135	138	18.88	19.03	18.89	20.0	0.0
100	Pi2 BPSK	270	0	19.13	19.08	18.86	20.0	0.0
100	QPSK	1	1	19.19	19.37	19.26	20.0	0.0
100	QPSK	1	137	18.89	19.12	18.93		
100	QPSK	1	271	19.10	19.35	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0
100	QPSK	135	138	18.92	19.04	18.94	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.20	20.0	0.0
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	16QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.96	17.19	17.15	18.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	19.00	19.29	19.07	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	19.09	19.17	19.23	20.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	19.04	19.18	19.15	20.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	19.00	19.32	19.15	20.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.99	19.32	19.10	20.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	19.02	19.24	19.11	20.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	19.14	19.19	19.14	20.0	0.0</

BW (MHz)	Modulation	RB Size	RB Offset	Power/Low Ch./Freq	Power/High Ch./Freq	Turn-up time (dBm)	MPR (dB)
Channel							
	Frequency (MHz)			63300	63699		
100	P2 BPSK	1	1	17.94			
100	P2 BPSK	1	137	17.94		19.0	
100	P2 BPSK	1	271	18.14			
100	P2 BPSK	135	271	17.98		19.0	0.0
100	P2 BPSK	135	69	18.02			
100	P2 BPSK	135	138	18.10		19.0	0.0
100	P2 BPSK	270	0	18.12			
10	QPSK	1	1	18.34			
100	QPSK	1	137	18.28		19.0	0.0
100	QPSK	1	271	18.09			
100	QPSK	135	0	18.04		19.0	0.0
100	QPSK	135	69	18.06			
100	QPSK	135	138	18.10		19.0	0.0
100	QPSK	270	0	18.20			
100	16QAM	1	1	18.11		19.0	0.0
100	16QAM	1	137	18.08		17.5	0.0
100	256QAM	1	1	15.48		16.0	3.0
Channel							
	Frequency (MHz)			63300	63332	63366	Turn-up time (dBm)
90	QPSK	1	1	18.25	18.24	18.24	19.0
	Frequency (MHz)			34068	34098	34128	
80	QPSK	1	1	18.20	18.20	18.20	19.0
	Frequency (MHz)			34060	34098	34130	Turn-up time (dBm)
80	QPSK	1	1	18.20	18.30	18.19	19.0
	Frequency (MHz)			34060	34098	34130	Turn-up time (dBm)
80	QPSK	1	1	18.16	18.29	18.29	19.0
	Frequency (MHz)			34060	34098	34130	Turn-up time (dBm)
80	QPSK	1	1	18.30	18.14	18.29	19.0
Channel							
	Frequency (MHz)			63168	63332	63360	Turn-up time (dBm)
50	QPSK	1	1	18.22	18.23	18.20	19.0
	Frequency (MHz)			34700	34998	35298	Turn-up time (dBm)
40	QPSK	1	1	18.16	18.30	18.17	19.0
	Frequency (MHz)			34700	34998	35298	Turn-up time (dBm)
30	QPSK	1	1	18.29	18.24	18.26	19.0
Channel							
	Frequency (MHz)			63068	63332	63060	Turn-up time (dBm)
20	QPSK	1	1	18.21	18.30	18.16	19.0
	Frequency (MHz)			63060	63332	63060	Turn-up time (dBm)
15	QPSK	1	1	18.26	18.19	18.26	19.0
Channel							
	Frequency (MHz)			63060	63332	63332	Turn-up time (dBm)
10	QPSK	1	1	18.27	18.15	18.25	19.0

Part2Q n77 PC2 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch/ Freq	Power Mid Ch/ Freq	Power High Ch/ Freq	Time-up int. (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	20.84	63332	3499.98			
100	PV2 BPSK	1	137	21.83			22.0		
100	PV2 BPSK	135	9	21.83			21.5	0.5	
100	PV2 BPSK	135	69	21.83			22.0	0.0	
100	PV2 BPSK	135	136	20.82			21.5	0.5	
100	PV2 BPSK	270	0	20.59					
100	QPSK	1	1	21.24	63332				
100	QPSK	1	137	20.89			22.0	0.0	
100	QPSK	1	271	21.21					
100	QPSK	135	0	19.82			21.0	1.0	
100	QPSK	135	69	21.16			22.0	0.0	
100	QPSK	135	136	19.87			21.0	1.0	
100	QPSK	270	0	20.05					
100	SSBAM	1	1	16.40			21.0	1.0	
100	SSBAM	1	1	16.40			18.5	2.0	
100	SSBAM	1	1	16.34			17.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3495	3499.98	3504.96			
90	QPSK	1	217	63332	3499.98	3504.96	22.0		
80	QPSK	1	1	3495.02	63332	3500.00			
80	QPSK	1	217	3495.02	3499.98	3500.00	22.0		
80	QPSK	1	217	21.12	21.16	21.04	22.0	0.0	
80	QPSK	1	217	63332					
80	QPSK	1	217	3495.01	3499.98	3504.98	Time-up int. (ms)	MPE (dB)	
70	QPSK	1	1	21.07	21.11	21.09	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	63300	63332	63366	Time-up int. (ms)	MPE (dB)	
60	QPSK	1	217	63300	63332	63366	22.0		
60	QPSK	1	217	21.09	21.05	21.14	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	3475.02	3499.98	3505	Time-up int. (ms)	MPE (dB)	
50	QPSK	1	217	21.09	21.11	21.07	22.0	0.0	
50	QPSK	1	217	63332	3499.98	3504.98	Time-up int. (ms)	MPE (dB)	
40	QPSK	1	1	3470.01	3499.98	3505.98	22.0		
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	3510.00	63332	63366	Time-up int. (ms)	MPE (dB)	
30	QPSK	1	217	3510	3499.98	3504.99	22.0		
30	QPSK	1	217	21.05	21.17	21.19	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	3506.98	63332	63366	Time-up int. (ms)	MPE (dB)	
20	QPSK	1	217	3506.98	3499.98	3505	22.0		
20	QPSK	1	217	63300	63332	63366	Time-up int. (ms)	MPE (dB)	
20	QPSK	1	217	3507.00	3499.98	3504.98	22.0		
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0	
15	QPSK	1	217	63332	63332	63366	Time-up int. (ms)	MPE (dB)	
15	QPSK	1	217	3507.00	3499.98	3504.98	22.0		
10	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	

Part96 n77 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq. [dBm] / [MHz]	Power Middle Ch / Freq. [dBm] / [MHz]	Power High Ch / Freq. [dBm] / [MHz]	Time-up limit (dBm)	MPR (dB)	
	Channel	Frequency (MHz)		3600	3624	3648			
100	P12 BPSK	1		18.80	19.92	18.88			
100	P12 BPSK	1	137	18.73	18.80	18.88	20.0	0.0	
100	P12 BPSK	1	271	18.86	19.07	19.01	20.0	0.0	
100	P12 BPSK	135	0	18.86	18.87	18.81	20.0	0.0	
100	P12 BPSK	135	69	18.49	18.61	18.58	20.0	0.0	
100	P12 BPSK	135	138	18.92	18.86	18.50	20.0	0.0	
100	P12 BPSK	270	0	18.69	18.86	18.63	20.0	0.0	
100	QPSK	1	137	19.12	19.12	19.07	20.0	0.0	
100	QPSK	1	271	18.51	18.69	18.51	20.0	0.0	
100	QPSK	1	137	18.99	19.10	18.95			
100	QPSK	135	0	18.77	18.84	18.78	20.0	0.0	
100	QPSK	135	69	18.86	18.92	18.82	20.0	0.0	
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0	
100	QPSK	270	0	18.90	19.03	18.85			
100	16QAM	1	1	18.86	19.02	18.84	20.0	0.0	
100	16QAM	1	137	18.90	19.28	18.93	20.0	0.0	
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5	
	Channel	Frequency (MHz)		63698	64166	64696	Time-up limit (dBm)	MPR (dB)	
90	QPSK	1		3556	3624	3694			
	Channel	Frequency (MHz)		63934	64166	64400	Time-up limit (dBm)	MPR (dB)	
80	QPSK	1		3600	3624	3660			
	Channel	Frequency (MHz)		63900	64166	64432	Time-up limit (dBm)	MPR (dB)	
70	QPSK	1		18.86	19.02	19.01	20.0	0.0	
	Channel	Frequency (MHz)		63698	64166	64696	Time-up limit (dBm)	MPR (dB)	
60	QPSK	1		3552	3624	3694			
	Channel	Frequency (MHz)		63934	64166	64400	Time-up limit (dBm)	MPR (dB)	
50	QPSK	1		18.80	19.01	18.95	20.0	0.0	
	Channel	Frequency (MHz)		3570	3624	3694	Time-up limit (dBm)	MPR (dB)	
40	QPSK	1		18.06	19.02	19.04	20.0	0.0	
	Channel	Frequency (MHz)		63708	64166	64500	Time-up limit (dBm)	MPR (dB)	
30	QPSK	1		18.06	19.02	19.06	20.0	0.0	
	Channel	Frequency (MHz)		63718	64166	64510	Time-up limit (dBm)	MPR (dB)	
20	QPSK	1		18.06	19.06	19.02	20.0	0.0	
	Channel	Frequency (MHz)		63700	64166	64532	Time-up limit (dBm)	MPR (dB)	
15	QPSK	1		18.06	19.05	18.98	20.0	0.0	
	Channel	Frequency (MHz)		63718	64166	64510	Time-up limit (dBm)	MPR (dB)	
10	QPSK	1		18.06	19.05	18.95	20.0	0.0	

n41 Ant7									
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									
				2560.01	2562.99	2560			
100	Pi2 BPSK	1	1	20.29	20.24	20.28			
100	Pi2 BPSK	1	137	20.30	20.26	20.36	21.5	0.0	
100	Pi2 BPSK	1	271	20.16	20.14	20.24			
100	Pi2 BPSK	135	0	20.30	20.26	20.31	21.5	0.0	
100	Pi2 BPSK	135	69	20.35	20.19	20.26	21.5	0.0	
100	Pi2 BPSK	135	138	20.25	20.30	20.30	21.5	0.0	
100	Pi2 BPSK	270	0	20.28	20.35	20.28			
100	QPSK	1	1	20.32	20.30	20.14	21.5	0.0	
100	QPSK	1	137	20.14	20.29	20.29	21.5	0.0	
100	QPSK	1	271	20.24	20.12	20.27			
100	QPSK	135	0	20.12	20.16	20.35	21.5	0.0	
100	QPSK	135	69	20.12	20.37	20.33	21.5	0.0	
100	QPSK	135	138	20.35	20.33	20.13	21.5	0.0	
100	QPSK	270	0	20.13	20.31	20.28	21.5	0.0	
100	16QAM	1	1	20.28	20.21	20.26	21.5	0.0	
100	64QAM	1	1	20.12	20.20	20.25	21.5	0.0	
100	256QAM	1	1	20.31	20.31	20.13	21.5	0.0	
Channel									
				506200	510598	516966	Tune-up limit (dBm)	MPR (dB)	
	Frequency (MHz)			2541	2557	2549	21.5		
90	QPSK	1	1	20.17	20.27	20.00	21.5	0.0	
Channel									
	Frequency (MHz)			2538.02	2562.99	2548.99	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	20.22	20.26	20.08	21.5	0.0	
Channel									
	Frequency (MHz)			506202	510598	517000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	20.25	20.23	20.08	21.5	0.0	
Channel									
	Frequency (MHz)			506200	510598	517006	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	20.23	20.25	19.95	21.5	0.0	
Channel									
	Frequency (MHz)			506204	510598	520608	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	20.24	20.26	20.01	21.5	0.0	
Channel									
	Frequency (MHz)			506202	510598	520610	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	20.19	20.23	20.10	21.5	0.0	
Channel									
	Frequency (MHz)			502200	510598	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.14	20.22	20.06	21.5	0.0	
Channel									
	Frequency (MHz)			501204	510598	530998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.18	20.35	20.04	21.5	0.0	
Channel									
	Frequency (MHz)			2500.3	2502.99	2502.48	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.26	20.24	20.04	21.5	0.0	
Channel									
	Frequency (MHz)			506202	510598	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.24	20.25	20.05	21.5	0.0	
10	QPSK	1	1	20.24	20.25	20.05	21.5	0.0	

n41 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	23.04	23.20	23.24			
100	Pi2 BPSK	1	137	23.27	22.98	23.28	24.5		
100	Pi2 BPSK	1	271	22.95	22.99	23.08			
100	Pi2 BPSK	135	0	23.06	23.03	23.17	24.5	0.0	
100	Pi2 BPSK	135	69	23.30	23.09	23.11	24.5	0.0	
100	Pi2 BPSK	135	138	23.20	23.20	23.04	24.5	0.0	
100	Pi2 BPSK	270	0	23.08	23.32	23.04			
100	QPSK	1	1	23.29	23.34	23.20			
100	QPSK	1	137	23.27	23.22	23.10	24.5	0.0	
100	QPSK	1	271	23.05	22.87	23.01			
100	QPSK	135	0	22.88	22.96	23.23	24.5	0.0	
100	QPSK	135	69	23.04	23.31	23.09	24.5	0.0	
100	QPSK	135	138	23.22	23.18	22.98	24.5	0.0	
100	QPSK	270	0	23.07	23.28	23.10			
100	16QAM	1	1	23.09	23.01	23.00	24.5	0.0	
100	64QAM	1	1	23.06	23.05	23.01	24.5	0.0	
100	256QAM	1	1	22.45	22.51	22.26	23.5	1.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.21	23.21	23.06	24.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.21	23.21	23.06	24.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.10	23.18	23.07	24.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.23	23.26	23.06	24.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.17	23.22	23.09	24.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.14	23.22	23.11	24.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.11	23.22	23.14	24.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.19	23.22	23.14	24.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.16	23.16	23.03	24.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.14	23.19	23.06	24.5	0.0	

Part270 n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	20.07	20.18	20.09			
100	Pi2 BPSK	1	137	19.96	20.12	20.09	21.5		
100	Pi2 BPSK	1	271	20.19	19.87	20.04			
100	Pi2 BPSK	135	0	20.21	20.18	20.10	21.5	0.0	
100	Pi2 BPSK	135	69	20.01	20.15	20.07	21.5	0.0	
100	Pi2 BPSK	135	138	20.05	20.12	20.04	21.5	0.0	
100	Pi2 BPSK	270	0	20.01	20.02	20.05			
100	QPSK	1	1	20.11	20.23	20.18			
100	QPSK	1	137	20.06	20.11	20.03	21.5	0.0	
100	QPSK	1	271	20.09	20.07	19.97			
100	QPSK	135	0	20.08	20.13	19.98	21.5	0.0	
100	QPSK	135	69	20.00	20.21	20.13	21.5	0.0	
100	QPSK	135	138	19.98	19.99	20.14	21.5	0.0	
100	QPSK	270	0	20.08	20.13	20.05			
100	16QAM	1	1	20.14	20.15	20.17	21.5	0.0	
100	64QAM	1	1	20.08	20.09	20.14	21.5	0.0	
100	256QAM	1	1	19.90	19.61	19.62	21.0	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.07	20.18	20.00	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.02	20.15	20.12	21.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.04	20.11	20.13	21.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.95	20.17	20.10	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.01	20.03	20.02	21.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.97	20.15	20.13	21.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.02	20.16	20.13	21.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.99	20.12	19.98	21.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.00	20.13	20.06	21.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.05	20.09	20.11	21.5	0.0	

Reduced Power Mode for DSI3 ENDC Simultaneous

n5 Ant1									
BW [MHz]	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)									
20	Pi/2 BPSK	1	1	21.22	21.22	21.24			
20	Pi/2 BPSK	1	53	21.35	21.33	21.24	22.0	0.0	
20	Pi/2 BPSK	1	104	21.35	21.34	21.25			
20	Pi/2 BPSK	50	0	21.38	21.33	21.22	22.0	0.0	
20	Pi/2 BPSK	50	28	21.19	21.27	21.25			
20	Pi/2 BPSK	50	56	21.35	21.28	21.35			
20	Pi/2 BPSK	100	0	21.40	21.24	21.39	22.0	0.0	
20	QPSK	1	1	21.35	21.45	21.37			
20	QPSK	1	53	21.23	21.25	21.31	22.0	0.0	
20	QPSK	1	104	21.26	21.32	21.37			
20	QPSK	50	0	21.38	21.27	21.34	22.0	0.0	
20	QPSK	50	28	21.26	21.39	21.29	22.0	0.0	
20	QPSK	50	56	21.32	21.38	21.21			
20	QPSK	100	0	21.20	21.33	21.29	22.0	0.0	
20	16QAM	1	1	21.41	21.38	21.39	22.0	0.0	
20	64QAM	1	1	21.30	21.26	21.21	22.0	0.0	
20	256QAM	1	1	19.88	19.97	19.92	20.5	1.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	21.29	21.21	21.32	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	21.17	21.27	21.20	22.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	21.18	21.37	21.22	22.0	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	Pi/2 BPSK	1	1	20.75	20.89	20.90			
40	Pi/2 BPSK	1	108	20.74	20.83	20.91	21.5	0.0	
40	Pi/2 BPSK	1	214	20.84	20.70	20.73	21.5	0.0	
40	Pi/2 BPSK	108	0	20.86	20.77	20.87	21.5	0.0	
40	Pi/2 BPSK	108	54	20.70	20.74	20.73	21.5	0.0	
40	Pi/2 BPSK	108	108	20.79	20.87	20.86			
40	Pi/2 BPSK	216	0	20.69	20.76	20.77	21.5	0.0	
40	QPSK	1	1	20.86	20.92	20.87			
40	QPSK	1	108	20.73	20.74	20.84		21.5	0.0
40	QPSK	1	214	20.69	20.73	20.68			
40	QPSK	108	0	20.71	20.78	20.80	21.5	0.0	
40	QPSK	108	54	20.82	20.88	20.83	21.5	0.0	
40	QPSK	108	108	20.76	20.87	20.74			
40	QPSK	216	0	20.80	20.83	20.71	21.5	0.0	
40	16QAM	1	1	20.80	20.71	20.89	21.5	0.0	
40	64QAM	1	1	20.71	20.81	20.91	21.5	0.0	
40	256QAM	1	1	19.47	19.53	19.55	20.0	1.5	
Channel				345000	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	20.68	20.89	20.75	21.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.80	20.83	20.79	21.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.76	20.86	20.76	21.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.74	20.88	20.73	21.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.72	20.79	20.74	21.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.70	20.84	20.69	21.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.70	20.76	20.68	21.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)									
673 680.5 688									
20	PI/2 BPSK	1	1	24.08	24.17	24.16			
20	PI/2 BPSK	1	53	24.11	24.14	24.17	25.0	0.0	
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11			
20	PI/2 BPSK	100	0	24.04	24.08	24.03	24.5	0.5	
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.87	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15			
20	QPSK	100	0	23.14	23.36	23.23	24.0	1.0	
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
670.5 680.5 690.5									
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
668 680.5 693									
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
665.5 680.5 695.5									
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	23.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59			
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62	23.0	0.5	
40	PI/2 BPSK	108	0	22.53	22.66	22.61			
40	PI/2 BPSK	108	54	22.59	22.75	22.65			
40	PI/2 BPSK	108	108	22.73	22.81	22.74			
40	PI/2 BPSK	216	0	22.59	22.75	22.60	23.0	0.5	
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.84			
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.86	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.84	22.81	22.72			
40	QPSK	108	108	21.60	21.73	21.67			
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11			
40	256QAM	1	1	18.18	18.32	18.25			
40	256QAM	1	1	18.18	18.32	18.25			
Channel				503000	507000	511000	19.0	4.5	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.82	22.71	22.61			
30	QPSK	1	1	22.82	22.71	22.61			
Channel				502000	507000	511500	23.5	0.0	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.69	22.70	22.69			
25	QPSK	1	1	22.69	22.70	22.69			
Channel				502000	507000	512000	23.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	22.68	22.72	22.69			
20	PI/2 BPSK	1	1	22.68	22.72	22.69			
Channel				501500	507000	512500	23.5	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.72	22.79	22.71			
15	QPSK	1	1	22.72	22.79	22.71			
Channel				501000	507000	513000	23.5	0.0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.74	22.73	22.64			
10	QPSK	1	1	22.74	22.73	22.64			
Channel				500500	507000	513500	23.5	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.78	22.72	22.81			
5	QPSK	1	1	22.78	22.72	22.81			

n2 Ant4 For ENDC									
BW (MHz)	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	PV2 BPSK	1	1	15.67	15.62	15.60	16.5	0.0	
20	PV2 BPSK	1	53	15.59	15.57	15.75			
20	PV2 BPSK	1	104	15.80	15.71	15.80			
20	PV2 BPSK	50	0	15.81	15.73	15.81	16.5	0.0	
20	PV2 BPSK	50	28	15.71	15.73	15.68	16.5	0.0	
20	PV2 BPSK	50	56	15.58	15.63	15.58	16.5	0.0	
20	PV2 BPSK	100	0	15.77	15.81	15.68	16.5	0.0	
20	QPSK	1	1	15.79	15.84	15.68	16.5	0.0	
20	QPSK	1	53	15.81	15.81	15.69			
20	QPSK	1	104	15.80	15.80	15.65			
20	QPSK	50	0	15.75	15.73	15.78	16.5	0.0	
20	QPSK	50	28	15.67	15.70	15.74	16.5	0.0	
20	QPSK	50	56	15.59	15.63	15.67	16.5	0.0	
20	QPSK	100	0	15.72	15.73	15.58	16.5	0.0	
20	16QAM	1	1	15.81	15.64	15.57	16.5	0.0	
20	64QAM	1	1	15.60	15.79	15.69	16.5	0.0	
20	256QAM	1	1	15.74	15.55	15.65	16.5	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)	
15	QPSK	1	1	15.80	15.81	15.65	16.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	QPSK	1	1	15.70	15.77	15.55	16.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)	
5	QPSK	1	1	15.77	15.83	15.59	16.5	0.0	

n25 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	378500	379000			
Frequency (MHz)				1920	1982.5	1995			
40	PV2 BPSK	1	1	15.86	15.73	15.79	16.5	0.0	
40	PV2 BPSK	1	108	15.84	15.74	15.84			
40	PV2 BPSK	1	214	15.84	15.81	15.70			
40	PV2 BPSK	108	0	15.80	15.80	14.83	16.5	0.0	
40	PV2 BPSK	108	54	15.85	15.70	15.72	16.5	0.0	
40	PV2 BPSK	108	108	15.78	15.81	15.81	16.5	0.0	
40	PV2 BPSK	216	0	15.78	15.70	15.77	16.5	0.0	
40	QPSK	1	1	15.78	15.88	15.85	16.5	0.0	
40	QPSK	1	108	15.82	15.73	15.81			
40	QPSK	1	214	15.83	15.87	15.82			
40	QPSK	108	0	15.72	15.71	15.69	16.5	0.0	
40	QPSK	108	54	15.79	15.81	15.78	16.5	0.0	
40	QPSK	108	108	15.80	15.72	15.72	16.5	0.0	
40	QPSK	216	0	15.67	15.79	15.73	16.5	0.0	
40	16QAM	1	1	15.70	15.76	15.78	16.5	0.0	
40	64QAM	1	1	15.75	15.79	15.76	16.5	0.0	
40	256QAM	1	1	15.87	15.81	15.71	16.5	0.0	
Channel				372500	378500	379500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1887.5	1982.5	1997.5	(dBm)	(dB)	
30	QPSK	1	1	15.83	15.84	15.75	16.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1885	1982.5	1990	(dBm)	(dB)	
30	QPSK	1	1	15.63	15.79	15.66	16.5	0.0	
Channel				372500	378500	382500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1882.5	1982.5	1992.5	(dBm)	(dB)	
25	QPSK	1	1	15.68	15.80	15.73	16.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1880	1982.5	1995	(dBm)	(dB)	
20	QPSK	1	1	15.70	15.82	15.80	16.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1887.5	1982.5	1997.5	(dBm)	(dB)	
15	QPSK	1	1	15.63	15.73	15.67	16.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1855	1982.5	1910	(dBm)	(dB)	
10	QPSK	1	1	15.59	15.88	15.75	16.5	0.0	

n66 Ant4 For ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PV2 BPSK	1	1	14.27	14.30	14.20	15.0	0.0	
40	PV2 BPSK	1	108	14.28	14.21	14.29			
40	PV2 BPSK	1	214	14.17	14.28	14.35			
40	PV2 BPSK	108	0	14.31	14.32	14.36	15.0	0.0	
40	PV2 BPSK	108	54	14.24	14.33	14.20	15.0	0.0	
40	PV2 BPSK	108	108	14.16	14.34	14.28	15.0	0.0	
40	PV2 BPSK	216	0	14.29	14.27	14.30	15.0	0.0	
40	QPSK	1	1	14.33	14.37	14.32	15.0	0.0	
40	QPSK	1	108	14.22	14.24	14.29			
40	QPSK	1	214	14.31	14.31	14.33			
40	QPSK	108	0	14.24	14.19	14.18	15.0	0.0	
40	QPSK	108	54	14.30	14.31	14.25	15.0	0.0	
40	QPSK	108	108	14.24	14.19	14.21	15.0	0.0	
40	QPSK	216	0	14.25	14.28	14.27	15.0	0.0	
40	16QAM	1	1	14.31	14.24	14.27	15.0	0.0	
40	64QAM	1	1	14.21	14.34	14.23	15.0	0.0	
40	256QAM	1	1	14.25	14.31	14.33	15.0	0.0	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
30	QPSK	1	1	14.33	14.28	14.28	15.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	14.30	14.27	14.36	15.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
25	QPSK	1	1	14.24	14.27	14.23	15.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	14.27	14.32	14.31	15.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	14.31	14.27	14.32	15.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	14.28	14.30	14.32	15.0	0.0	

Part270 n77 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3765	3840	3840			
100	PI2 BPSK	1	1	20.19	20.20	20.18			
100	PI2 BPSK	1	137	20.01	20.09	20.00	21.0	0.0	
100	PI2 BPSK	1	271	20.05	20.19	20.08			
100	PI2 BPSK	135	0	20.18	20.05	20.14	21.0	0.0	
100	PI2 BPSK	135	69	20.18	20.13	20.12	21.0	0.0	
100	PI2 BPSK	135	138	20.17	20.03	20.15	21.0	0.0	
100	PI2 BPSK	270	0	20.14	20.18	20.13			
100	QPSK	1	1	20.12	20.21	20.14	21.0	0.0	
100	QPSK	1	137	20.08	19.97	20.11			
100	QPSK	1	271	20.08	20.00	20.00			
100	QPSK	135	0	20.05	20.02	19.99	21.0	0.0	
100	QPSK	135	69	20.08	20.17	20.07	21.0	0.0	
100	QPSK	135	138	20.08	20.01	20.14	21.0	0.0	
100	QPSK	270	0	20.13	20.14	20.06			
100	16QAM	1	1	20.11	20.16	20.04	21.0	0.0	
100	64QAM	1	1	19.99	20.15	20.15	21.0	0.0	
100	256QAM	1	1	20.03	19.99	20.03	21.0	0.0	
Channel				649968	650000	650234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3950.01			
80	QPSK	1	1	20.04	20.01	20.07	21.0	0.0	
Channel				649334	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	20.04	20.11	20.01	21.0	0.0	
Channel				649000	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3940			
70	QPSK	1	1	19.98	20.10	20.02	21.0	0.0	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.94	20.07	20.02	21.0	0.0	
Channel				648334	650000	650568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3950.02			
50	QPSK	1	1	19.92	20.05	20.00	21.0	0.0	
Channel				648000	650000	650800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	20.07	20.10	19.96	21.0	0.0	
Channel				647668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3970.01			
30	QPSK	1	1	20.02	20.15	20.02	21.0	0.0	
Channel				647334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	20.06	20.09	20.03	21.0	0.0	
Channel				647000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.96	20.01	20.07	21.0	0.0	
Channel				647000	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.95	20.12	20.03	21.0	0.0	

Part270 n77 PC2 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3765	3840	3840			
100	PI2 BPSK	1	1	23.25	23.07	23.20			
100	PI2 BPSK	1	137	23.18	23.28	23.26	24.0	0.0	
100	PI2 BPSK	1	271	23.11	23.22	23.26			
100	PI2 BPSK	135	0	23.05	23.04	23.12	24.0	0.0	
100	PI2 BPSK	135	69	23.24	23.10	23.24	24.0	0.0	
100	PI2 BPSK	135	138	23.26	23.14	23.25	24.0	0.0	
100	PI2 BPSK	270	0	23.23	23.24	23.08	24.0	0.0	
100	QPSK	1	1	23.17	23.27	23.25			
100	QPSK	1	137	23.12	23.08	23.16	24.0	0.0	
100	QPSK	1	271	23.10	23.12	23.13			
100	QPSK	135	0	23.06	23.11	23.16	24.0	0.0	
100	QPSK	135	69	23.14	23.20	23.18	24.0	0.0	
100	QPSK	135	138	23.15	23.13	23.08	24.0	0.0	
100	QPSK	270	0	23.15	23.18	23.12			
100	16QAM	1	1	23.20	23.14	23.26	24.0	0.0	
100	64QAM	1	1	23.11	23.24	23.21	24.0	0.0	
100	256QAM	1	1	21.40	21.63	21.64	22.5	1.5	
Channel				649968	650000	650234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3950.01			
90	QPSK	1	1	22.99	23.08	23.17	24.0	0.0	
Channel				649334	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	22.98	23.20	23.08	24.0	0.0	
Channel				649000	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3940			
70	QPSK	1	1	23.01	23.10	23.06	24.0	0.0	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.04	23.12	23.17	24.0	0.0	
Channel				648334	650000	650568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3950.02			
50	QPSK	1	1	22.92	23.19	23.19	24.0	0.0	
Channel				648000	650000	650800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	22.93	23.11	23.17	24.0	0.0	
Channel				647668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3970.01			
30	QPSK	1	1	22.92	23.10	23.18	24.0	0.0	
Channel				647334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	22.97	23.18	23.17	24.0	0.0	
Channel				647000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	22.93	23.20	23.11	24.0	0.0	
Channel				647000	650000	650000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	22.92	23.13	23.14	24.0	0.0	

Part27Q n77 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Max Ch. / Freq	Power Min Ch. / Freq	Power Max Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1	20.13					
100	PI2 BPSK	1	137	20.11			21.0	0.0	
100	PI2 BPSK	1	271	20.17					
100	PI2 BPSK	135	0	20.08			21.0	0.0	
100	PI2 BPSK	135	69	20.14			21.0	0.0	
100	PI2 BPSK	135	138	20.13			21.0	0.0	
100	PI2 BPSK	270	0	20.24			23.1	0.0	
100	QPSK	1	1	20.17			21.0	0.0	
100	QPSK	1	137	20.06					
100	QPSK	135	0	20.15			21.0	0.0	
100	QPSK	135	69	20.18			21.0	0.0	
100	QPSK	135	138	20.11			21.0	0.0	
100	QPSK	270	0	20.11					
100	16QAM	1	1	20.05			21.0	0.0	
100	64QAM	1	1	20.12			21.0	0.0	
100	256QAM	1	1	20.20			21.0	0.0	
Channel				633330	633332	633686	Tune-up limit (dBm)	0.0	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	20.18	20.02	20.13	21.0	0.0	
Channel				632098	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.98	3499.98	3509			
80	QPSK	1	1	20.04	20.21	20.17	21.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3483.01	3499.98	3516.98			
70	QPSK	1	1	20.10	20.17	20.21	21.0	0.0	
Channel				633000	633332	633686	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3516.99			
60	QPSK	1	1	20.14	20.15	20.09	21.0	0.0	
Channel				631694	633332	633500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3505			
50	QPSK	1	1	20.04	20.09	20.19	21.0	0.0	
Channel				631334	633332	633332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3504.98			
40	QPSK	1	1	20.04	20.04	20.15	21.0	0.0	
Channel				631000	633332	633686	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3504.99			
30	QPSK	1	1	20.12	20.18	20.15	21.0	0.0	
Channel				630686	633332	633686	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3504			
20	QPSK	1	1	20.14	20.18	20.18	21.0	0.0	
Channel				630332	633332	633686	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3499.98	3504.99			
15	QPSK	1	1	20.14	20.12	20.05	21.0	0.0	
Channel				630000	633332	633686	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3453.01	3499.98	3504.98			
10	QPSK	1	1	20.05	20.16	20.13	21.0	0.0	

Part96 n77 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				64000	64166	64332			
Frequency (MHz)				3601	3624.99	3648.98			
100	PI2 BPSK	1	1	20.05	20.00	20.01			
100	PI2 BPSK	1	137	20.05	20.10	20.16	21.0	0.0	
100	PI2 BPSK	1	271	20.12	20.05	20.14			
100	PI2 BPSK	135	0	20.06	20.00	20.11	21.0	0.0	
100	PI2 BPSK	135	69	20.08	20.07	20.16	21.0	0.0	
100	PI2 BPSK	135	138	20.01	20.03	20.10	21.0	0.0	
100	PI2 BPSK	270	0	20.07	20.06	20.07			
100	QPSK	1	1	20.01	20.17	20.13			
100	QPSK	1	137	20.01	20.04	20.04	21.0	0.0	
100	QPSK	1	271	20.13	20.04	20.09			
100	QPSK	135	0	20.06	20.01	20.07	21.0	0.0	
100	QPSK	135	69	20.14	20.15	20.13	21.0	0.0	
100	QPSK	135	138	20.06	20.08	20.12	21.0	0.0	
100	QPSK	270	0	20.08	20.12	20.08			
100	16QAM	1	1	20.05	20.01	20.13	21.0	0.0	
100	64QAM	1	1	20.08	20.07	20.10	21.0	0.0	
100	256QAM	1	1	20.13	20.12	20.00	21.0	0.0	
Channel				63668	64166	64366	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3695.02	3624.99	3654.99			
90	QPSK	1	1	19.86	20.03	19.97	21.0	0.0	
Channel				63834	64166	64402	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3690.01	3624.99	3660			
80	QPSK	1	1	19.90	20.08	19.96	21.0	0.0	
Channel				63900	64166	64432	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3686	3624.99	3654.99			
70	QPSK	1	1	19.93	20.11	20.00	21.0	0.0	
Channel				63868	64166	64466	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3680.02	3624.99	3659.99			
60	QPSK	1	1	19.95	20.08	19.97	21.0	0.0	
Channel				63334	64166	64500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3675.01	3624.99	3675			
50	QPSK	1	1	19.96	20.04	20.08	21.0	0.0	
Channel				63800	64166	64532	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3670	3624.99	3654.99			
40	QPSK	1	1	19.83	20.06	20.01	21.0	0.0	
Channel				63768	64166	64566	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3663.02	3624.99	3649.99			
30	QPSK	1	1	19.95	20.00	19.97	21.0	0.0	
Channel				63734	64166	64600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3660.01	3624.99	3660			
20	QPSK	1	1	19.93	20.08	20.04	21.0	0.0	
Channel				63700	64166	64632	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3657.52	3624.99	3652.49			
15	QPSK	1	1	19.93	20.06	20.03	21.0	0.0	
Channel				63700	64166	64632	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3655	3624.99	3654.99			
10	QPSK	1	1	19.88	20.07	19.95	21.0	0.0	

Part270 n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					65000				
Frequency (MHz)					3760				
100	PI2 BPSK	1	1		20.24				
100	PI2 BPSK	1	137		20.23		21.0	0.0	
100	PI2 BPSK	1	271		20.27				
100	PI2 BPSK	135	0		20.29		21.0	0.0	
100	PI2 BPSK	135	69		20.32		21.0	0.0	
100	PI2 BPSK	135	138		20.23		21.0	0.0	
100	PI2 BPSK	270	0		20.21		21.0	0.0	
100	QPSK	1	1		20.46				
100	QPSK	1	137		20.28		21.0	0.0	
100	QPSK	1	271		20.38				
100	QPSK	135	0		20.38		21.0	0.0	
100	QPSK	135	69		20.42		21.0	0.0	
100	QPSK	135	138		20.36		21.0	0.0	
100	QPSK	270	0		20.34				
100	16QAM	1	1		20.18		21.0	0.0	
100	64QAM	1	1		20.31		21.0	0.0	
100	256QAM	1	1		19.27		19.5	1.5	
Channel				64968	65000	65034	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3760	3765.01			
80	QPSK	1	1	20.32	20.31	20.35	21.0	0.0	
Channel				64934	65000	65068	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3760	3760.02			
80	QPSK	1	1	20.20	20.31	20.37	21.0	0.0	
Channel				64900	65000	65100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3760	3765			
70	QPSK	1	1	20.35	20.41	20.34	21.0	0.0	
Channel				64868	65000	65134	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3760	3770.01			
60	QPSK	1	1	20.33	20.43	20.34	21.0	0.0	
Channel				64834	65000	65168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3760	3775.02			
50	QPSK	1	1	20.30	20.30	20.29	21.0	0.0	
Channel				64800	65000	65200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3760	3765.01			
40	QPSK	1	1	20.33	20.36	20.40	21.0	0.0	
Channel				64768	65000	65234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.02	3760	3761.01			
30	QPSK	1	1	20.34	20.29	20.40	21.0	0.0	
Channel				64734	65000	65268	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3760	3760.02			
20	QPSK	1	1	20.30	20.46	20.26	21.0	0.0	
Channel				64700	65000	65292	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3760	3762.51			
15	QPSK	1	1	20.31	20.36	20.35	21.0	0.0	
Channel				64700	65000	65300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3760	3765			
10	QPSK	1	1	20.25	20.30	20.38	21.0	0.0	

Part27Q n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				63332					
Frequency (MHz)				3469.98					
100	PI2 BPSK	1	1		20.21				
100	PI2 BPSK	1	137		20.32		21.0	0.0	
100	PI2 BPSK	1	271		20.40				
100	PI2 BPSK	135	0		20.41		21.0	0.0	
100	PI2 BPSK	135	69		20.28		21.0	0.0	
100	PI2 BPSK	135	138		20.31		21.0	0.0	
100	PI2 BPSK	270	0		20.30				
100	QPSK	1	1		20.45				
100	QPSK	1	137		20.31		21.0	0.0	
100	QPSK	1	271		20.37				
100	QPSK	135	0		20.40		21.0	0.0	
100	QPSK	135	69		20.43		21.0	0.0	
100	QPSK	135	138		20.24		21.0	0.0	
100	QPSK	270	0		20.39				
100	16QAM	1	1		20.24		21.0	0.0	
100	64QAM	1	1		20.28		21.0	0.0	
100	25QAM	1	1		19.38		19.5	1.5	
Channel				63332		63666			
Frequency (MHz)				3469.98		3504.98			
90	QPSK	1	1	20.40	20.36	20.39	21.0	0.0	
Channel				63268		63332	63400	Tune-up limit	MPR
Frequency (MHz)				3469.98		3475.98	3481.98	(dBm)	(dB)
80	QPSK	1	1	20.37	20.39	20.46	21.0	0.0	
Channel				63234		63332	63432	Tune-up limit	MPR
Frequency (MHz)				3471.01		3479.08	3487.14	(dBm)	(dB)
70	QPSK	1	1	20.41	20.35	20.38	21.0	0.0	
Channel				63200		63332	63466	Tune-up limit	MPR
Frequency (MHz)				3480.98		3493.98	3519.98	(dBm)	(dB)
60	QPSK	1	1	20.40	20.33	20.34	21.0	0.0	
Channel				63166		63332	63500	Tune-up limit	MPR
Frequency (MHz)				3475.02		3489.98	3505	(dBm)	(dB)
50	QPSK	1	1	20.40	20.38	20.38	21.0	0.0	
Channel				63134		63332	63532	Tune-up limit	MPR
Frequency (MHz)				3470.01		3489.98	3509.98	(dBm)	(dB)
40	QPSK	1	1	20.37	20.27	20.39	21.0	0.0	
Channel				63100		63332	63666	Tune-up limit	MPR
Frequency (MHz)				3465.98		3489.98	3513.98	(dBm)	(dB)
30	QPSK	1	1	20.26	20.26	20.32	21.0	0.0	
Channel				63068		63332	63600	Tune-up limit	MPR
Frequency (MHz)				3460.02		3469.98	3540	(dBm)	(dB)
20	QPSK	1	1	20.27	20.34	20.32	21.0	0.0	
Channel				63034		63332	63444	Tune-up limit	MPR
Frequency (MHz)				3457.01		3469.98	3542.48	(dBm)	(dB)
15	QPSK	1	1	20.34	20.31	20.40	21.0	0.0	
Channel				63034		63332	63632	Tune-up limit	MPR
Frequency (MHz)				3457.01		3469.98	3542.48	(dBm)	(dB)
10	QPSK	1	1	20.37	20.38	20.32	21.0	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	19.69	19.65	19.69			
40	PI/2 BPSK	1	53	19.78	19.82	19.65	20.5	0.0	
40	PI/2 BPSK	1	104	19.69	19.67	19.77			
40	PI/2 BPSK	50	0	19.68	19.73	19.81	20.5	0.0	
40	PI/2 BPSK	50	28	19.66	19.83	19.76	20.5	0.0	
40	PI/2 BPSK	50	56	19.64	19.72	19.72	20.5	0.0	
40	PI/2 BPSK	100	0	19.71	19.78	19.79			
40	QPSK	1	1	19.82	19.86	19.81			
40	QPSK	1	53	19.76	19.74	19.72	20.5	0.0	
40	QPSK	1	104	19.72	19.65	19.82			
40	QPSK	50	0	19.65	19.83	19.69	20.5	0.0	
40	QPSK	50	28	19.78	19.84	19.82	20.5	0.0	
40	QPSK	50	56	19.66	19.80	19.71			
40	QPSK	100	0	19.80	19.81	19.78	20.5	0.0	
40	16QAM	1	1	19.81	19.65	19.66	20.5	0.0	
40	64QAM	1	1	19.72	19.81	19.74	20.5	0.0	
40	256QAM	1	1	19.03	19.22	19.14	19.5	1.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	19.75	19.79	19.75	20.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	19.68	19.78	19.60	20.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	19.60	19.69	19.69	20.5	0.0	
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	19.60	19.75	19.74	20.5	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2540.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.87	19.65	19.83			
100	PI/2 BPSK	1	137	19.78	19.69	19.85	20.5	0.0	
100	PI/2 BPSK	1	271	19.63	19.64	19.81			
100	PI/2 BPSK	135	0	19.67	19.69	19.78	20.5	0.0	
100	PI/2 BPSK	135	69	19.83	19.64	19.83	20.5	0.0	
100	PI/2 BPSK	135	138	19.87	19.85	19.79	20.5	0.0	
100	PI/2 BPSK	270	0	19.78	19.71	19.73			
100	QPSK	1	1	19.78	19.88	19.83			
100	QPSK	1	137	19.69	19.64	19.87	20.5	0.0	
100	QPSK	1	271	19.86	19.78	19.78			
100	QPSK	135	0	19.57	19.83	19.67	20.5	0.0	
100	QPSK	135	69	19.68	19.70	19.63	20.5	0.0	
100	QPSK	135	138	19.86	19.80	19.86			
100	QPSK	270	0	19.82	19.68	19.65	20.5	0.0	
100	16QAM	1	1	19.74	19.77	19.63	20.5	0.0	
100	64QAM	1	1	19.75	19.75	19.67	20.5	0.0	
100	256QAM	1	1	19.68	19.82	19.70	20.5	0.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	19.85	19.81	19.79	20.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	19.74	19.85	19.71	20.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.66	19.78	19.74	20.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.69	19.69	19.77	20.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2534.02	2592.99	2664.99			
50	QPSK	1	1	19.63	19.78	19.74	20.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.68	19.73	19.64	20.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.77	19.74	19.76	20.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.02	2592.99	2679.99			
20	QPSK	1	1	19.66	19.78	19.72	20.5	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.78	19.71	19.64	20.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.74	19.65	19.79	20.5	0.0	

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.74	22.73	22.83			
100	PI/2 BPSK	1	137	22.85	22.84	22.75	23.5	0.0	
100	PI/2 BPSK	1	271	22.74	22.81	22.83			
100	PI/2 BPSK	135	0	22.73	22.75	22.71	23.5	0.0	
100	PI/2 BPSK	135	69	22.89	22.66	22.84	23.5	0.0	
100	PI/2 BPSK	135	138	22.83	22.74	22.74	23.5	0.0	
100	PI/2 BPSK	270	0	22.70	22.80	22.80			
100	QPSK	1	1	22.84	22.86	22.81			
100	QPSK	1	137	22.64	22.62	22.78	23.5	0.0	
100	QPSK	1	271	22.63	22.78	22.84			
100	QPSK	135	0	22.64	22.64	22.68	23.5	0.0	
100	QPSK	135	69	22.78	22.84	22.82	23.5	0.0	
100	QPSK	135	138	22.79	22.62	22.78			
100	QPSK	270	0	22.73	22.80	22.72	23.5	0.0	
100	16QAM	1	1	22.82	22.66	22.66	23.5	0.0	
100	64QAM	1	1	22.84	22.74	22.62	23.5	0.0	
100	256QAM	1	1	21.54	21.59	21.47	22.5	1.0	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	22.76	22.81	22.79	23.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.82	22.83	22.69	23.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.81	22.86	22.79	23.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.66	22.69	22.62	23.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2534.02	2592.99	2664.99			
50	QPSK	1	1	22.70	22.88	22.70	23.5	0.0	

Reduced Power Mode for DSI4 Standalone

n2 Ant1									
BW [MHz]	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	PI/2 BPSK	1	1	23.51	23.67	23.65			
20	PI/2 BPSK	1	53	23.62	23.64	23.57	24.5	0.0	
20	PI/2 BPSK	1	104	23.55	23.72	23.62			
20	PI/2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5	
20	PI/2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0	
20	PI/2 BPSK	50	56	23.45	23.59	23.57			
20	PI/2 BPSK	100	0	23.65	23.72	23.59	24.0	0.5	
20	QPSK	1	1	23.74	23.80	23.79			
20	QPSK	1	53	23.86	23.70	23.64	24.5	0.0	
20	QPSK	1	104	23.71	23.76	23.67			
20	QPSK	50	0	23.18	23.22	23.05	23.5	1.0	
20	QPSK	50	28	23.73	23.78	23.76	24.5	0.0	
20	QPSK	50	56	22.98	23.02	22.87			
20	QPSK	100	0	23.07	23.12	23.09	23.5	1.0	
20	16QAM	1	1	23.25	23.39	23.24	23.5	1.0	
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5	
20	256QAM	1	1	19.74	19.89	19.81	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	23.59	23.60	23.65	24.5	0.0	
Channel				371500	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.68	23.69	23.63	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	23.69	23.66	23.71	24.5	0.0	

n5 Ant1									
BW [MHz]	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	24.24	24.33	24.28			
20	PI/2 BPSK	1	53	24.27	24.32	24.18	25.0	0.0	
20	PI/2 BPSK	1	104	24.12	24.21	24.09			
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	PI/2 BPSK	50	56	24.15	24.29	24.12			
20	PI/2 BPSK	100	0	24.16	24.31	24.17	24.5	0.5	
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26	25.0	0.0	
20	QPSK	1	104	24.17	24.27	24.16			
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0	
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0	
20	QPSK	50	56	23.66	23.80	23.66			
20	QPSK	100	0	23.60	23.69	23.52	24.0	1.0	
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0	
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5	
20	256QAM	1	1	19.88	19.97	19.92	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	24.25	24.30	24.24	25.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				835	836.5	844			
10	QPSK	1	1	24.17	24.28	24.25	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	24.27	24.25	24.23	25.0	0.0	

n14 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					158600				
Frequency (MHz)					793				
10	PI/2 BPSK	1	1		24.09				
10	PI/2 BPSK	1	26		23.59		25.0	0.0	
10	PI/2 BPSK	1	50		23.89				
10	PI/2 BPSK	25	0		23.92		24.5	0.5	
10	PI/2 BPSK	25	14		23.88		25.0	0.0	
10	PI/2 BPSK	25	27		23.84		24.5	0.5	
10	PI/2 BPSK	50	0		23.92				
10	QPSK	1	1		24.10				
10	QPSK	1	26		23.94		25.0	0.0	
10	QPSK	1	50		23.96				
10	QPSK	25	0		23.93		24.0	1.0	
10	QPSK	25	14		24.06		25.0	0.0	
10	QPSK	25	27		23.01		24.0	1.0	
10	QPSK	50	0		23.08				
10	16QAM	1	1		23.06		24.0	1.0	
10	64QAM	1	1		21.60		22.5	2.5	
10	256QAM	1	1		19.52		20.5	4.5	
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0	

n25 Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376500	379000				
Frequency (MHz)				1870	1882.5	1895				
40	PI/2 BPSK	1	1	23.74	23.80	23.61	24.5	0.0		
40	PI/2 BPSK	1	108	23.69	23.78	23.77				
40	PI/2 BPSK	1	214	23.70	23.81	23.62				
40	PI/2 BPSK	108	0	23.81	23.78	23.73				
40	PI/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0		
40	PI/2 BPSK	108	108	23.68	23.76	23.79	24.0	0.5		
40	PI/2 BPSK	216	0	23.72	23.83	23.72				
40	QPSK	1	1	23.70	23.88	23.77	24.5	0.0		
40	QPSK	1	108	23.85	23.81	23.70				
40	QPSK	1	214	23.77	23.85	23.79				
40	QPSK	108	0	23.18	23.29	23.13		23.5		
40	QPSK	108	54	23.68	23.78	23.75	24.5	0.0		
40	QPSK	108	108	23.19	23.26	23.19	23.5	1.0		
40	QPSK	216	0	23.22	23.36	23.20	23.5	1.0		
40	16QAM	1	1	23.49	23.46	23.40				
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5		
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5		
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1867.5	1882.5	1897.5				
35	QPSK	1	1	23.61	23.74	23.58	24.5	0.0		
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1865	1882.5	1900				
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0		
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1862.5	1882.5	1902.5				
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0		
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1860	1882.5	1905				
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0		
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1857.5	1882.5	1907.5				
15	QPSK	1	1	23.60	23.79	23.58	24.5	0.0		
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1855	1882.5	1910				
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0		
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1852.5	1882.5	1912.5				
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0		

n66 Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				346000	348000	352000				
Frequency (MHz)				1730	1745	1760				
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0		
40	PI/2 BPSK	1	108	23.58	23.65	23.44				
40	PI/2 BPSK	1	214	23.40	23.62	23.58				
40	PI/2 BPSK	108	0	23.88	23.65	23.64		24.0		
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0		
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5		
40	PI/2 BPSK	216	0	23.55	23.70	23.51				
40	QPSK	1	1	23.80	23.88	23.82	24.5	0.0		
40	QPSK	1	108	23.71	23.75	23.71				
40	QPSK	1	214	23.65	23.61	23.64				
40	QPSK	108	0	22.97	23.18	23.17		23.5		
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0		
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0		
40	QPSK	216	0	23.03	23.12	22.93	23.5	1.0		
40	16QAM	1	1	23.02	23.14	23.17				
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5		
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5		
Channel				345000	348000	352500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1727.5	1745	1762.5				
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0		
Channel				345000	348000	353000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1725	1745	1765				
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0		
Channel				344000	348000	353500	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1722.5	1745	1767.5				
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0		
Channel				343000	348000	354000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	1	23.82	23.80	23.75	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	23.66	23.71	23.74	24.5	0.0		
Channel				343000	348000	355000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0		

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134000	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.14	24.17			
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12		24.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20	25.0	0.0	
20	QPSK	1	53	24.13	24.16	23.97			
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55		24.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133500	136100	138500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5 <th></th> <th colspan="2"></th>			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				504000	507000	510000					
Frequency (MHz)				2530	2535	2550					
40	PI/2 BPSK	1	1	22.55	22.70	22.59	23.5	0.0			
40	PI/2 BPSK	1	108	22.66	22.72	22.62					
40	PI/2 BPSK	1	214	22.74	22.79	22.62					
40	PI/2 BPSK	108	0	22.53	22.66	22.61	23.0	0.5			
40	PI/2 BPSK	108	54	22.59	22.75	22.65	23.5	0.0			
40	PI/2 BPSK	108	108	22.73	22.81	22.74	23.0	0.5			
40	PI/2 BPSK	216	0	22.59	22.75	22.60					
40	QPSK	1	1	22.81	22.86	22.76	23.5	0.0			
40	QPSK	1	108	22.75	22.82	22.64					
40	QPSK	1	214	22.81	22.84	22.67					
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0			
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0			
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0			
40	QPSK	216	0	21.69	21.75	21.67					
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0			
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5			
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5			
Channel				503000	507000	511000					
Frequency (MHz)				2515	2535	2555					
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0			
Channel				502500	507000	511500					
Frequency (MHz)				2512.5	2535	2557.5					
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0			
Channel				502000	507000	512000					
Frequency (MHz)				2510	2535	2560					
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0			
Channel				501500	507000	512500					
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0			
Channel				501000	507000	513000					
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0			
Channel				500500	507000	513500					
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	1	22.78	22.72	22.61	23.5	0.0			

n41 Ant4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50902	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.31	21.51	21.31	22.0	0.0	
100	PI/2 BPSK	1	137	21.25	21.31	21.22			
100	PI/2 BPSK	1	271	21.35	21.41	21.25			
100	PI/2 BPSK	135	0	21.18	21.39	21.17	22.0	0.0	
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0	
100	PI/2 BPSK	135	138	21.25	21.32	21.32	22.0	0.0	
100	PI/2 BPSK	270	0	21.20	21.41	21.19			
100	QPSK	1	1	21.52	21.55	21.38			
100	QPSK	1	137	21.24	21.42	21.28	22.0	0.0	
100	QPSK	1	271	21.41	21.49	21.48			
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0	
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0	
100	QPSK	135	138	21.28	21.33	21.11	22.0	0.0	
100	QPSK	270	0	21.28	21.51	21.46			
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0	
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0	
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5	
Channel				506200	518598	528998	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	21.38	21.48	21.24	22.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0	
Channel				500700	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.46	(dBm)	(dB)	
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0	

n41 PC2 Ant4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Power Low Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				50902	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	24.38	24.42	24.40	25.0	0.0	
100	PI/2 BPSK	1	137	24.35	24.38	24.27			
100	PI/2 BPSK	1	271	24.35	24.38	24.27			
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5	
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0	
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5	
100	PI/2 BPSK	270	0	23.90	23.97	23.74			
100	QPSK	1	1	24.57	24.59	24.47			
100	QPSK	1	137	24.56	24.53	24.52	25.0	0.0	
100	QPSK	1	271	24.27	24.49	24.38			
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0	
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0	
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0	
100	QPSK	270	0	23.52	23.54	23.53			
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0	
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5	
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5	
Channel				508200	518598	529998			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	24.40	24.44	24.32	25.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2503.5	2592.99	2682.46			
15	QPSK	1	1	24.41	24.48	24.38	25.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	24.41	24.49	24.42	25.0	0.0	

n48 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3570	3624.99	3679.98			
40	PI/2 BPSK	1	1	22.95	22.93	22.85		24.0	0.0
40	PI/2 BPSK	1	53	22.99	23.03	22.95			
40	PI/2 BPSK	1	104	22.93	23.16	23.07		23.5	0.5
40	PI/2 BPSK	50	0	22.69	22.89	22.74			
40	PI/2 BPSK	50	28	22.75	22.94	22.84		24.0	0.0
40	PI/2 BPSK	50	56	22.93	23.02	23.05			
40	PI/2 BPSK	100	0	22.91	22.98	22.80		23.5	0.5
40	QPSK	1	1	23.01	23.23	23.12			
40	QPSK	1	53	23.09	23.15	22.91		24.0	0.0
40	QPSK	1	104	23.09	23.22	23.06			
40	QPSK	50	0	22.55	22.75	22.70		23.0	1.0
40	QPSK	50	28	22.98	23.21	23.02			
40	QPSK	50	56	21.99	22.07	21.90		23.0	1.0
40	QPSK	100	0	21.91	22.13	22.06			
40	16QAM	1	1	22.06	22.09	21.93		23.0	1.0
40	64QAM	1	1	20.47	20.63	20.61			
40	256QAM	1	1	16.47	16.59	16.40		19.5	4.5
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3694.98			
30	QPSK	1	1	22.82	23.12	23.02		24.0	0.0
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.94	23.04	22.94		24.0	0.0
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	22.86	23.15	23.06		24.0	0.0

Part270 n77 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.09	23.23	23.22		24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.21	23.24			
100	PI/2 BPSK	1	271	23.17	23.25	23.12		24.0	0.0
100	PI/2 BPSK	135	0	23.12	23.19	23.03			
100	PI/2 BPSK	135	69	23.22	23.20	22.98		24.0	0.0
100	PI/2 BPSK	135	138	23.27	23.32	23.08			
100	PI/2 BPSK	270	0	23.02	23.27	23.26		24.0	0.0
100	QPSK	1	1	23.24	23.36	23.32			
100	QPSK	1	137	23.20	23.28	23.04		24.0	0.0
100	QPSK	1	271	23.26	23.29	23.27			
100	QPSK	135	0	23.07	23.26	23.08		24.0	0.0
100	QPSK	135	69	23.12	23.28	23.14			
100	QPSK	135	138	22.94	23.12	22.92		24.0	0.0
100	QPSK	270	0	23.12	23.22	23.11			
100	16QAM	1	1	23.13	23.15	23.11		24.0	0.0
100	64QAM	1	1	23.03	23.19	22.99			
100	256QAM	1	1	20.95	21.03	20.97		22.5	1.5
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	23.15	23.31	23.26		24.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	23.12	23.30	23.26		24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	23.05	23.31	23.18		24.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.16	23.20	23.15		24.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	23.16	23.28	23.17		24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.10	23.16	23.25		24.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.07	23.24	23.20		24.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.11	23.30	23.16		24.0	0.0
Channel				647168	656000	664934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	23.12	23.19	23.27		24.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	23.16	23.24	23.23		24.0	0.0

Part270 n77 PC2 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	26.14	26.21	25.97		27.0	0.0
100	PI/2 BPSK	1	137	26.19	26.23	26.15			
100	PI/2 BPSK	1	271	26.08	26.21	26.00		26.5	0.5
100	PI/2 BPSK	135	0	25.86	25.83	25.80			
100	PI/2 BPSK	135	69	26.22	26.19	26.12		26.5	0.0
100	PI/2 BPSK	135	138	25.78	25.79	25.74			
100	PI/2 BPSK	270	0	25.69	25.83	25.68		26.5	0.5
100	QPSK	1	1	26.19	26.36	26.35			
100	QPSK	1	137	26.15	26.24	26.07		27.0	0.0
100	QPSK	1	271	26.17	26.31	26.26			
100	QPSK	135	0	25.41	25.51	25.43		26.0	1.0
100	QPSK	135	69	26.24	26.29	26.26			
100	QPSK	135	138	25.30	25.27	25.20		26.0	1.0
100	QPSK	270	0	25.23	25.33	25.28			
100	16QAM	1	1	25.21	25.20	25.12		26.0	1.0
100	64QAM	1	1	23.66	23.82	23.61			
100	256QAM	1	1	21.50	21.72	21.74		22.5	4.5
Channel				649668	656000	662334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	26.10	26.25	26.26		27.0	0.0
Channel				649334	656000	662668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	26.05	26.28	26.24		27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	26.07	26.26	26.27		27.0	0.0
Channel				648668	656000	663334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	26.13	26.30	26.20		27.0	0.0
Channel				648334	656000	663668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	26.02	26.29	26.17		27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	26.11	26.19	26.16		27.0	0.0
Channel				647668	656000	664334	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	26.12	26.30	26.16		27.0	0.0
Channel				647334	656000	664668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	26.03	26.20	26.23		27.0	0.0
Channel				647168	656000	664834	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	26.12	26.20	26.30		27.0	0.0
Channel				646900	656000	665000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	26.12	26.31	26.28		27.0	0.0

Part27Q n77Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			24.0	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	23.18					
100	PI/2 BPSK	1	137	23.18					
100	PI/2 BPSK	1	271	23.22					
100	PI/2 BPSK	135	0	23.14			24.0	0.0	
100	PI/2 BPSK	135	69	23.15			24.0	0.0	
100	PI/2 BPSK	135	138	23.17			24.0	0.0	
100	PI/2 BPSK	270	0	23.23			24.0	0.0	
100	QPSK	1	1	23.27					
100	QPSK	1	137	23.16			24.0	0.0	
100	QPSK	1	271	23.17					
100	QPSK	135	0	23.17			24.0	0.0	
100	QPSK	135	69	23.23			24.0	0.0	
100	QPSK	135	138	23.01			24.0	0.0	
100	QPSK	270	0	23.10			24.0	0.0	
100	16QAM	1	1	23.10			24.0	0.0	
100	64QAM	1	1	23.09			24.0	0.0	
100	256QAM	1	1	20.94			22.5	1.5	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	23.10	23.21	23.08	24.0	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	23.22	23.14	23.21	24.0	0.0	
Channel				632334	633332	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)	
70	QPSK	1	1	23.09	23.09	23.09	24.0	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	23.09	23.07	23.12	24.0	0.0	
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	23.19	23.19	23.22	24.0	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	23.08	23.16	23.19	24.0	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	23.12	23.08	23.08	24.0	0.0	
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	23.11	23.13	23.14	24.0	0.0	
Channel				630334	633332	636332	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)	
10	QPSK	1	1	23.19	23.07	23.22	24.0	0.0	

Part27Q n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			27.0	0.0	
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	26.14					
100	PI/2 BPSK	1	137	26.15					
100	PI/2 BPSK	1	271	26.05					
100	PI/2 BPSK	135	0	25.67			26.5	0.5	
100	PI/2 BPSK	135	69	26.07			27.0	0.0	
100	PI/2 BPSK	135	138	25.69			26.5	0.5	
100	PI/2 BPSK	270	0	25.68					
100	QPSK	1	1	26.25					
100	QPSK	1	137	26.15			27.0	0.0	
100	QPSK	1	271	26.18					
100	QPSK	135	0	25.34			26.0	1.0	
100	QPSK	135	69	26.20			27.0	0.0	
100	QPSK	135	138	25.11			26.0	1.0	
100	QPSK	270	0	25.25					
100	16QAM	1	1	25.04			26.0	1.0	
100	64QAM	1	1	23.85			24.5	2.5	
100	256QAM	1	1	21.85			22.5	4.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	26.05	26.11	26.12	27.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	26.09	26.16	26.11	27.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	26.20	26.10	26.13	27.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	26.15	26.10	26.13	27.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	26.20	26.09	26.13	27.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	26.13	26.17	26.07	27.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	26.15	26.12	26.17	27.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	26.11	26.09	26.10	27.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	26.15	26.06	26.20	27.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	22.43	22.29	22.45	23.5	0.0	
100	PI2 BPSK	1	137	22.36	22.32	22.47			
100	PI2 BPSK	1	271	22.36	22.46	22.48			
100	PI2 BPSK	135	0	22.49	22.46	22.35	23.5	0.0	
100	PI2 BPSK	135	69	22.33	22.45	22.50	23.5	0.0	
100	PI2 BPSK	135	138	22.39	22.47	22.46	23.5	0.0	
100	PI2 BPSK	270	0	22.32	22.42	22.31			
100	QPSK	1	1	22.49	22.52	22.44			
100	QPSK	1	137	22.28	22.34	22.40	23.5	0.0	
100	QPSK	1	271	22.38	22.34	22.44			
100	QPSK	135	0	22.31	22.42	22.43	23.5	0.0	
100	QPSK	135	69	22.43	22.46	22.40	23.5	0.0	
100	QPSK	135	138	22.36	22.32	22.34	23.5	0.0	
100	QPSK	270	0	22.39	22.44	22.31			
100	16QAM	1	1	22.30	22.35	22.47	23.5	0.0	
100	64QAM	1	1	22.46	22.30	22.30	23.5	0.0	
100	256QAM	1	1	22.30	22.50	22.33	23.5	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.98	3675			
50	QPSK	1	1	22.38	22.47	22.25	23.5	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.01	3624.99	3659.99			
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.42	3624.99	3692.49			
15	QPSK	1	1	22.40	22.41	22.39	23.5	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.96			
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Part270 n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			24.0	0.0	
Frequency (MHz)				3750					
100	Pl/2 BPSK	1	1	23.37			24.0	0.0	
100	Pl/2 BPSK	1	137	23.39					
100	Pl/2 BPSK	1	271	23.35			23.5	0.5	
100	Pl/2 BPSK	135	0	23.28					
100	Pl/2 BPSK	135	69	23.31			24.0	0.0	
100	Pl/2 BPSK	135	138	23.25					
100	Pl/2 BPSK	270	0	23.32			23.5	0.5	
100	QPSK	1	1	23.48					
100	QPSK	1	137	23.35			24.0	0.0	
100	QPSK	1	271	23.40					
100	QPSK	135	0	22.77			23.0	1.0	
100	QPSK	135	69	23.43					
100	QPSK	135	138	22.61			23.0	1.0	
100	QPSK	270	0	22.67					
100	16QAM	1	1	22.58			23.0	1.0	
100	64QAM	1	1	21.22				21.5	
100	256QAM	1	1	19.27					
Channel				649668	650000	650334	19.5	4.5	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1	23.39	23.42	23.30	24.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	24.0	0.0	
80	QPSK	1	1	23.30	23.30	23.31		24.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765	24.0	0.0	
70	QPSK	1	1	23.33	23.36	23.44		24.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	24.0	0.0	
60	QPSK	1	1	23.32	23.29	23.41		24.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	24.0	0.0	
50	QPSK	1	1	23.37	23.37	23.41		24.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780	24.0	0.0	
40	QPSK	1	1	23.35	23.44	23.31		24.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	24.0	0.0	
30	QPSK	1	1	23.42	23.41	23.31		24.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	24.0	0.0	
20	QPSK	1	1	23.40	23.31	23.31		24.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3792.51	24.0	0.0	
15	QPSK	1	1	23.42	23.43	23.36		24.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795	24.0	0.0	
10	QPSK	1	1	23.40	23.36	23.40		24.0	

Part27Q n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332			24.0	0.0	
Frequency (MHz)				3499.98					
100	Pl/2 BPSK	1	1	23.29			24.0	0.0	
100	Pl/2 BPSK	1	137	23.27					
100	Pl/2 BPSK	1	271	23.41			23.5	0.5	
100	Pl/2 BPSK	135	0	23.03					
100	Pl/2 BPSK	135	69	23.31			24.0	0.0	
100	Pl/2 BPSK	135	138	23.09					
100	Pl/2 BPSK	270	0	22.91			23.5	0.5	
100	QPSK	1	1	23.46					
100	QPSK	1	137	23.42			24.0	0.0	
100	QPSK	1	271	23.37					
100	QPSK	135	0	22.83			23.0	1.0	
100	QPSK	135	69	23.41					
100	QPSK	135	138	22.58			23.0	1.0	
100	QPSK	270	0	22.66					
100	16QAM	1	1	22.71			23.0	1.0	
100	64QAM	1	1	21.32				21.5	
100	256QAM	1	1	19.38					
Channel				633000	633332	633668	19.5	4.5	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	23.29	23.32	23.33	24.0	0.0	
Channel				632668	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510	24.0	0.0	
80	QPSK	1	1	23.30	23.39	23.40		24.0	
Channel				632334	633332	634332			
Frequency (MHz)				3485.01	3499.98	3514.98	24.0	0.0	
70	QPSK	1	1	23.39	23.41	23.28		24.0	
Channel				632000	633332	634668			
Frequency (MHz)				3480	3499.98	3519.99	24.0	0.0	
60	QPSK	1	1	23.31	23.34	23.30		24.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525	24.0	0.0	
50	QPSK	1	1	23.34	23.37	23.28		24.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98	24.0	0.0	
40	QPSK	1	1	23.35	23.41	23.32		24.0	
Channel				631000	633332	635668			
Frequency (MHz)				3465	3499.98	3534.99	24.0	0.0	
30	QPSK	1	1	23.27	23.29	23.32		24.0	
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540	24.0	0.0	
20	QPSK	1	1	23.28	23.40	23.40		24.0	
Channel				630300	633332	636168			
Frequency (MHz)				3457.5	3499.98	3542.49	24.0	0.0	
15	QPSK	1	1	23.28	23.31	23.37		24.0	
Channel				630334	633332	636332			
Frequency (MHz)				3455.01	3499.98	3544.98	24.0	0.0	
10	QPSK	1	1	23.36	23.27	23.37		24.0	

Part96 n78 PC3 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	Pl/2 BPSK	1	1	22.44	22.45	22.45	23.5	0.0	
100	Pl/2 BPSK	1	137	22.37	22.38	22.42			
100	Pl/2 BPSK	1	271	22.41	22.40	22.42			
100	Pl/2 BPSK	135	0	22.39	22.32	22.29	23.5	0.0	
100	Pl/2 BPSK	135	69	22.44	22.48	22.45	23.5	0.0	
100	Pl/2 BPSK	135	138	22.36	22.36	22.38	23.5	0.0	
100	Pl/2 BPSK	270	0	22.48	22.47	22.37			
100	QPSK	1	1	22.42	22.49	22.46	23.5	0.0	
100	QPSK	1	137	22.37	22.38	22.41			
100	QPSK	1	271	22.33	22.36	22.33			
100	QPSK	135	0	21.82	21.99	21.88	23.0	0.5	
100	QPSK	135	69	22.43	22.46	22.34	23.5	0.0	
100	QPSK	135	138	21.97	22.09	22.04	23.0	0.5	
100	QPSK	270	0	21.96	22.05	21.97			
100	16QAM	1	1	21.95	21.88	22.07	23.0	0.5	
100	16QAM	1	1	21.50	21.57	21.44	21.5	2.0	
100	256QAM	1	1	18.47	18.42	18.40	19.5	4.0	
Channel				638668	641666	650332	Tune-up limit	MPR	
Frequency (MHz)				3585.02	3624.99	3749.98	(dBm)	(dB)	
90	QPSK	1	1	22.38	22.38	22.39	23.5	0.0	
Channel				639334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3596.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	22.34	22.39	22.39	23.5	0.0	
Channel				638000	641666	648332	Tune-up limit	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dBm)	(dB)	
70	QPSK	1	1	22.26	22.36	22.32	23.5	0.0	
Channel				638668	641666	646666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	22.31	22.33	22.33	23.5	0.0	
Channel				638334	641666	650000	Tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dBm)	(dB)	
50	QPSK	1	1	22.35	22.42	22.41	23.5	0.0	
Channel				638000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)	
40	QPSK	1	1	22.28	22.36	22.28	23.5	0.0	
Channel				637668	641666	648666	Tune-up limit	MPR	
Frequency (MHz)				3569.02	3624.99	3692.00	(dBm)	(dB)	
30	QPSK	1	1	22.32	22.30	22.29	23.5	0.0	
Channel				637334	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	22.26	22.36	22.33	23.5	0.0	
Channel				630500	641666	638166	Tune-up limit	MPR	
Frequency (MHz)				3547.3	3624.99	3547.25	(dBm)	(dB)	
15	QPSK	1	1	22.29	22.33	22.33	23.5	0.0	
Channel				630334	641666	638332	Tune-up limit	MPR	
Frequency (MHz)				3545.01	3624.99	3544.98	(dBm)	(dB)	
10	QPSK	1	1	22.25	22.30	22.34	23.5	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	23.27	23.32	23.13			
40	PI/2 BPSK	1	53	23.23	23.29	23.12	24.0	0.0	
40	PI/2 BPSK	1	104	23.10	23.31	23.19			
40	PI/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5	
40	PI/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0	
40	PI/2 BPSK	50	56	23.15	23.24	23.27			
40	PI/2 BPSK	100	0	23.09	23.28	23.29	23.5	0.5	
40	QPSK	1	1	23.33	23.34	23.22			
40	QPSK	1	53	23.22	23.32	23.23	24.0	0.0	
40	QPSK	1	104	23.10	23.33	23.32			
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0	
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0	
40	QPSK	50	56	22.81	22.86	22.53			
40	QPSK	100	0	22.84	22.71	22.55	23.0	1.0	
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0	
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5	
40	256QAM	1	1	19.13	19.32	19.24	19.5	4.5	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2585.01	2590	2604.99			
30	QPSK	1	1	23.29	23.25	23.08	24.0	0.0	
Channel				516000	519000	520000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0	
Channel				515502	519000	523498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2577.51	2590	2612.49			
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0	
Channel				515004	519000	523998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.98	23.13	23.11			
100	PI/2 BPSK	1	137	23.14	23.21	23.24	24.0	0.0	
100	PI/2 BPSK	1	271	23.26	23.30	23.19			
100	PI/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0	
100	PI/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0	
100	PI/2 BPSK	135	138	23.20	23.21	23.04			
100	PI/2 BPSK	270	0	23.16	23.33	23.03	24.0	0.0	
100	QPSK	1	1	23.31	23.36	23.22			
100	QPSK	1	137	23.16	23.23	23.12	24.0	0.0	
100	QPSK	1	271	23.14	23.33	23.28			
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0	
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0	
100	QPSK	135	138	23.19	23.31	23.16			
100	QPSK	270	0	23.28	23.31	23.23	24.0	0.0	
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0	
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0	
100	256QAM	1	1	22.38	22.34	22.37	22.5	1.5	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	23.16	23.29	23.17	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.25	23.26	23.16	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.19	23.32	23.08	24.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.17	23.23	23.12	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.13	23.24	23.06	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.25	23.26	23.05	24.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.22	23.24	23.16	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.19	23.29	23.10	24.0	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.21	23.31	23.12	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.16	23.19	23.17	24.0	0.0	

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	26.02	26.26	26.01			
100	PI/2 BPSK	1	137	26.00	26.17	26.01	27.0	0.0	0.0
100	PI/2 BPSK	1	271	26.08	26.20	26.21			
100	PI/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5	0.5
100	PI/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0	0.0
100	PI/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5	0.5
100	PI/2 BPSK	270	0	26.02	26.20	26.15			
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15	27.0	0.0	0.0
100	QPSK	1	271	26.20	26.23	26.15			
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0	1.0
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0	0.0
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0	1.0
100	QPSK	270	0	25.32	25.54	25.32	26.0	1.0	1.0
100	16QAM	1	1	23.54	23.52	23.36	26.0	1.0	1.0
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5	2.5
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5	4.5
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	26.10	26.10	26.00	27.0	0.0	0.0
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0	0.0
Channel				503202	518598	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	26.16	26.25	26.10	27.0	0.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	26.12	26.17	26.08	27.0	0.0	0.0
Channel				500700	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	26.26	26.26	26.20	27.0	0.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0	0.0

Part270 n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3840	3930			
100	Pi/2 BPSK	1	1	18.33	18.43	18.22			
100	Pi/2 BPSK	1	137	18.28	18.47	18.31	20.0	0.0	
100	Pi/2 BPSK	1	271	18.08	18.18	18.09			
100	Pi/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0	
100	Pi/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0	
100	Pi/2 BPSK	135	138	18.19	18.35	18.17			
100	Pi/2 BPSK	270	0	18.25	18.27	18.09	20.0	0.0	
100	QPSK	1	1	18.43	18.59	18.39			
100	QPSK	1	137	18.48	18.44	18.44	20.0	0.0	
100	QPSK	1	271	18.06	18.28	18.22			
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0	
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0	
100	QPSK	135	138	18.26	18.39	18.15	20.0	0.0	
100	QPSK	270	0	18.19	18.33	18.24			
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0	
100	64QAM	1	1	18.03	18.18	18.05	20.0	0.0	
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5	
Channel				649688	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	18.25	18.48	18.29	20.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0	

Part270 n77 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3840	3930			
100	Pi/2 BPSK	1	1	21.28	21.32	21.21			
100	Pi/2 BPSK	1	137	21.46	21.44	21.29	23.0	0.0	
100	Pi/2 BPSK	1	271	21.53	21.75	21.62			
100	Pi/2 BPSK	135	0	20.63	20.66	20.87	22.5	0.5	
100	Pi/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0	
100	Pi/2 BPSK	135	138	20.99	21.04	20.96			
100	Pi/2 BPSK	270	0	20.99	20.94	20.87	22.5	0.5	
100	QPSK	1	1	21.81	21.85	21.70			
100	QPSK	1	137	21.40	21.47	21.42	23.0	0.0	
100	QPSK	1	271	21.62	21.78	21.58			
100	QPSK	135	0	20.08	20.30	20.06	22.0	1.0	
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0	
100	QPSK	135	138	20.22	20.43	20.35	22.0	1.0	
100	QPSK	270	0	20.49	20.64	20.47			
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0	
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5	
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5	
Channel				649688	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.76	21.68	21.65	23.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.62	21.70	21.55	23.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.69	21.80	21.56	23.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.72	21.66	21.65	23.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.62	21.72	21.52	23.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.73	21.76	21.54	23.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.61	21.74	21.52	23.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.76	21.69	21.54	23.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0	

Part27Q n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel					633000	633332			
Frequency (MHz)					3499.98				
100	Pi/2 BPSK	1	1		18.32		20.0	0.0	
100	Pi/2 BPSK	1	137		18.26				
100	Pi/2 BPSK	1	271		18.05				
100	Pi/2 BPSK	135	0		18.43		20.0	0.0	
100	Pi/2 BPSK	135	69		18.51		20.0	0.0	
100	Pi/2 BPSK	135	138		18.25		20.0	0.0	
100	Pi/2 BPSK	270	0		18.21		20.0	0.0	
100	QPSK	1	1		18.54		20.0	0.0	
100	QPSK	1	137		18.38				
100	QPSK	1	271		18.19				
100	QPSK	135	0		18.11		20.0	0.0	
100	QPSK	135	69		18.52		20.0	0.0	
100	QPSK	135	138		18.36		20.0	0.0	
100	QPSK	270	0		18.36		20.0	0.0	
100	16QAM	1	1		18.23		20.0	0.0	
100	64QAM	1	1		18.19		20.0	0.0	
100	256QAM	1	1		17.06		18.5	1.5	
Channel				633000	633332	633668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	18.35	18.43	18.45	20.0		
Channel				632900	633332	633764	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	18.46	18.48	18.45	20.0		
Channel				632334	633332	634332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	18.46	18.45	18.37	20.0		
Channel				632000	633332	634668	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	18.36	18.37	18.42	20.0		
Channel				631668	633332	635000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	18.39	18.40	18.36	20.0		
Channel				631334	633332	635332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	18.39	18.39	18.46	20.0		
Channel				631000	633332	635666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	18.46	18.35	18.43	20.0		
Channel				630666	633332	636000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	18.38	18.44	18.47	20.0		
Channel				630300	633332	636166	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	18.43	18.40	18.43	20.0		
Channel				630000	633332	636332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	18.34	18.41	18.49	20.0		

Part27Q n77 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633668	23.0	0.0	
Frequency (MHz)				3495	3499.98	3504.99			
100	PV2 BPSK	1	1	21.30	21.47	21.63	23.0	0.0	
100	PV2 BPSK	1	137	21.47	21.63	21.79			
100	PV2 BPSK	1	271	21.63	21.79	21.95	22.5	0.5	
100	PV2 BPSK	135	0	21.95	22.11	22.27			
100	PV2 BPSK	135	69	22.11	22.27	22.43	23.0	0.0	
100	PV2 BPSK	135	138	22.43	22.59	22.75			
100	PV2 BPSK	270	0	22.75	22.91	23.07	22.5	0.5	
100	QPSK	1	1	22.91	23.07	23.23			
100	QPSK	1	137	23.23	23.39	23.55	23.0	0.0	
100	QPSK	1	271	23.55	23.71	23.87			
100	QPSK	135	0	23.87	24.03	24.19	22.0	1.0	
100	QPSK	135	69	24.19	24.35	24.51			
100	QPSK	135	138	24.51	24.67	24.83	22.0	1.0	
100	QPSK	270	0	24.83	24.99	25.15			
100	16QAM	1	1	25.15	25.31	25.47	22.0	1.0	
100	16QAM	1	1	25.47	25.63	25.79			
100	64QAM	1	1	25.79	25.95	26.11	20.5	2.5	
100	256QAM	1	1	26.11	26.27	26.43			
Channel				633000	633332	633668	23.0	0.0	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0	
Channel				632968	633332	634000			
Frequency (MHz)				3490.02	3499.98	3510.00	23.0	0.0	
80	QPSK	1	1	21.72	21.63	21.73		23.0	
Channel				632334	633332	634332			
Frequency (MHz)				3485.01	3499.98	3514.98	23.0	0.0	
70	QPSK	1	1	21.69	21.69	21.70		23.0	
Channel				632000	633332	634968	23.0	0.0	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	21.72	21.75	21.83	23.0	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525.00	23.0	0.0	
50	QPSK	1	1	21.74	21.68	21.68		23.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98	23.0	0.0	
40	QPSK	1	1	21.62	21.62	21.64		23.0	
Channel				631000	633332	635668			
Frequency (MHz)				3465	3499.98	3531.98	23.0	0.0	
30	QPSK	1	1	21.72	21.63	21.70		23.0	
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540.00	23.0	0.0	
20	QPSK	1	1	21.60	21.63	21.61		23.0	
Channel				630500	633332	636168			
Frequency (MHz)				3457.5	3499.98	3542.48	23.0	0.0	
15	QPSK	1	1	21.60	21.62	21.72		23.0	
Channel				630334	633332	636332			
Frequency (MHz)				3455.01	3499.98	3544.98	23.0	0.0	
10	QPSK	1	1	21.60	21.69	21.63		23.0	

Part96 n77 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	20.0	0.0	
Frequency (MHz)				3500	3524.99	3549.98			
100	PV2 BPSK	1	1	18.23	18.30	18.44	20.0	0.0	
100	PV2 BPSK	1	137	18.07	18.21	18.15			
100	PV2 BPSK	1	271	17.81	17.89	17.74	20.0	0.0	
100	PV2 BPSK	135	0	18.20	18.29	18.20			
100	PV2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0	
100	PV2 BPSK	135	138	17.93	18.04	17.98			
100	PV2 BPSK	270	0	18.24	18.26	18.26	20.0	0.0	
100	QPSK	1	1	18.42	18.47	18.41			
100	QPSK	1	137	18.29	18.38	18.35	20.0	0.0	
100	QPSK	1	271	17.94	18.07	18.03			
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0	
100	QPSK	135	69	18.38	18.43	18.40			
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0	
100	QPSK	270	0	18.25	18.35	18.21			
100	16QAM	1	1	17.78	17.88	17.82	20.0	0.0	
100	16QAM	1	1	17.98	18.09	17.91			
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5	
Channel				639668	641666	643666			
Frequency (MHz)				3505.02	3524.99	3544.99	20.0	0.0	
90	QPSK	1	1	18.30	18.35	18.40		20.0	
Channel				639334	641666	644000	20.0	0.0	
Frequency (MHz)				3500.01	3524.99	3540.00			
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0	
Channel				639000	641666	644332			
Frequency (MHz)				3505	3524.99	3544.98	20.0	0.0	
70	QPSK	1	1	18.42	18.43	18.33		20.0	
Channel				638668	641666	644666	20.0	0.0	
Frequency (MHz)				3500.02	3524.99	3546.99			
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0	
Channel				638334	641666	645000			
Frequency (MHz)				3505.01	3524.99	3545.00	20.0	0.0	
50	QPSK	1	1	18.37	18.37	18.45		20.0	
Channel				638000	641666	645332			
Frequency (MHz)				3505.01	3524.99	3543.99	20.0	0.0	
40	QPSK	1	1	18.35	18.35	18.44		20.0	
Channel				637668	641666	645666			
Frequency (MHz)				3505.02	3524.99	3544.99	20.0	0.0	
30	QPSK	1	1	18.31	18.30	18.35		20.0	
Channel				637334	641666	646000			
Frequency (MHz)				3500.01	3524.99	3540.00	20.0	0.0	
20	QPSK	1	1	18.37	18.38	18.43		20.0	
Channel				637168	641666	646166			
Frequency (MHz)				3507.52	3524.99	3542.48	20.0	0.0	
15	QPSK	1	1	18.30	18.35	18.42		20.0	
Channel				637000	641666	646332			
Frequency (MHz)				3505	3524.99	3544.98	20.0	0.0	
10	QPSK	1	1	18.42	18.40	18.39		20.0	

n41 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.66	22.87	22.75	24.0	0.0	0.0
100	PI/2 BPSK	1	137	22.49	22.63	22.48			
100	PI/2 BPSK	1	271	22.63	22.61	22.40			
100	PI/2 BPSK	135	0	22.66	22.76	22.67			
100	PI/2 BPSK	135	69	22.38	22.58	22.59	24.0	0.0	0.0
100	PI/2 BPSK	135	138	22.35	22.55	22.54	24.0	0.0	0.0
100	PI/2 BPSK	270	0	22.57	22.75	22.55	24.0	0.0	0.0
100	QPSK	1	1	22.84	22.93	22.73	24.0	0.0	0.0
100	QPSK	1	137	22.64	22.71	22.52			
100	QPSK	1	271	22.44	22.69	22.45			
100	QPSK	135	0	22.73	22.76	22.73			
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0	0.0
100	QPSK	135	138	22.58	22.60	22.49	24.0	0.0	0.0
100	QPSK	270	0	22.72	22.83	22.79	24.0	0.0	0.0
100	16QAM	1	1	22.70	22.89	22.79	24.0	0.0	0.0
100	64QAM	1	1	22.69	22.92	22.86	24.0	0.0	0.0
100	256QAM	1	1	21.26	21.47	21.38	22.5	1.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.0	0.0	
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2638.02	2692.99	2640.99	24.0	0.0	
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2692.99	2665	24.0	0.0	
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2624	2692.99	2669.98	24.0	0.0	
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2692.99	2664.99	24.0	0.0	
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01	2692.99	2670	24.0	0.0	
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611	2692.99	2674.98	24.0	0.0	
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2606.02	2692.99	2670.99	24.0	0.0	
20	QPSK	1	1	22.68	22.83	22.59	24.0	0.0	0.0
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2603.5	2692.99	2682.48	24.0	0.0	
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2601.01	2692.99	2685	24.0	0.0	
10	QPSK	1	1	22.70	22.87	22.55	24.0	0.0	0.0

n41 PC2 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.70	25.71	25.67	27.0	0.0	
100	PI/2 BPSK	1	137	25.35	25.52	25.48			
100	PI/2 BPSK	1	271	25.25	25.44	25.41			
100	PI/2 BPSK	135	0	24.97	25.06	25.10			
100	PI/2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0	
100	PI/2 BPSK	135	138	24.87	24.97	24.77	26.5	0.5	
100	PI/2 BPSK	270	0	24.86	25.05	24.84	26.5	0.5	
100	QPSK	1	1	25.78	25.81	25.53	27.0	0.0	
100	QPSK	1	137	25.60	25.66	25.70			
100	QPSK	1	271	25.28	25.44	25.38			
100	QPSK	135	0	24.47	24.53	24.53			
100	QPSK	135	69	25.60	25.79	25.68	27.0	0.0	
100	QPSK	135	138	24.39	24.43	24.29	26.0	1.0	
100	QPSK	270	0	24.70	24.73	24.62	26.0	1.0	
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0	
100	64QAM	1	1	23.25	23.24	23.22	24.5	2.5	
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5	
Channel				508200	518598	528996			
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	25.73	25.81	25.37	27.0	0.0	
Channel				507204	518598	529998			
Frequency (MHz)				2638.02	2692.99	2640.99			
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2631.01	2692.99	2665			
70	QPSK	1	1	25.66	25.77	25.39	27.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2626	2692.99	2669.98			
60	QPSK	1	1	25.68	25.68	25.35	27.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2621.02	2692.99	2664.99			
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2616.01	2692.99	2670			
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2611	2692.99	2674.98			
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2606.02	2692.99	2670.99			
20	QPSK	1	1	25.69	25.66	25.44	27.0	0.0	
Channel				500700	518598	536996			
Frequency (MHz)				2603.5	2692.99	2682.48			
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2601.01	2692.99	2685			
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0	

Part270 n77 Ant5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	650000	662000				
Frequency (MHz)				3750	3840	3930				
100	PI/2 BPSK	1	1	19.26	19.26	19.17				
100	PI/2 BPSK	1	137	18.99	19.09	19.08	20.0			
100	PI/2 BPSK	1	271	19.28	19.26	19.08				
100	PI/2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0		
100	PI/2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0		
100	PI/2 BPSK	135	138	18.88	19.03	18.88	20.0	0.0		
100	PI/2 BPSK	270	0	19.13	19.08	18.86				
100	QPSK	1	1	19.19	19.37	19.26				
100	QPSK	1	137	18.89	18.12	18.93	20.0	0.0		
100	QPSK	1	271	19.10	19.35	19.23				
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0		
100	QPSK	135	69	19.28	19.34	19.19	20.0	0.0		
100	QPSK	135	138	18.92	19.04	19.04	20.0	0.0		
100	QPSK	270	0	19.06	19.27	19.26				
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0		
100	64QAM	1	1	18.77	18.74	18.71	20.0	0.0		
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5		
Channel				649688	650000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	19.00	19.29	19.07	20.0	0.0		
Channel				648334	650000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0		
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	18.99	19.17	19.20	20.0	0.0		
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720.02	3840	3950.01				
60	QPSK	1	1	19.04	19.18	19.15	20.0	0.0		
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	19.00	19.32	19.15	20.0	0.0		
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	18.99	19.32	19.10	20.0	0.0		
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	19.02	19.24	19.18	20.0	0.0		
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	19.14	19.19	19.14	20.0	0.0		
Channel				647168	650000	664934	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	19.14	19.19	19.09	20.0	0.0		
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	19.14	19.17	19.11	20.0	0.0		

Part270 n77 PC2 Ant5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	650000	662000				
Frequency (MHz)				3750	3840	3930				
100	PI/2 BPSK	1	1	21.84	22.08	21.85				
100	PI/2 BPSK	1	137	21.77	22.02	21.82	23.0	0.0		
100	PI/2 BPSK	1	271	21.84	22.16	22.09				
100	PI/2 BPSK	135	0	21.40	21.48	21.44	22.5	0.5		
100	PI/2 BPSK	135	69	21.86	21.89	21.85	23.0	0.0		
100	PI/2 BPSK	135	138	21.37	21.38	21.32	22.5	0.5		
100	PI/2 BPSK	270	0	21.44	21.45	21.27				
100	QPSK	1	1	22.10	22.17	22.03				
100	QPSK	1	137	21.85	22.00	22.04	23.0	0.0		
100	QPSK	1	271	21.90	22.15	22.08				
100	QPSK	135	0	20.95	20.97	20.87	22.0	1.0		
100	QPSK	135	69	22.01	22.08	21.88	23.0	0.0		
100	QPSK	135	138	20.82	20.86	20.67	22.0	1.0		
100	QPSK	270	0	21.01	21.09	20.93				
100	16QAM	1	1	21.06	21.18	21.02	22.0	1.0		
100	64QAM	1	1	19.59	19.68	19.72	20.5	2.5		
100	256QAM	1	1	17.49	17.61	17.56	18.5	4.5		
Channel				649688	650000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3745.02	3840	3935.01				
90	QPSK	1	1	22.03	22.08	21.95	23.0	0.0		
Channel				648334	650000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02				
80	QPSK	1	1	21.91	22.11	21.91	23.0	0.0		
Channel				649000	650000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3735	3840	3945				
70	QPSK	1	1	21.97	22.04	21.96	23.0	0.0		
Channel				648668	650000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720.02	3840	3950.01				
60	QPSK	1	1	22.04	22.02	21.92	23.0	0.0		
Channel				648334	650000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3955.02				
50	QPSK	1	1	21.96	22.07	21.87	23.0	0.0		
Channel				648000	650000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960				
40	QPSK	1	1	21.97	21.98	21.89	23.0	0.0		
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3965.01				
30	QPSK	1	1	21.99	22.08	21.98	23.0	0.0		
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02				
20	QPSK	1	1	21.97	22.03	21.84	23.0	0.0		
Channel				647168	650000	664934	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51				
15	QPSK	1	1	21.98	22.11	21.89	23.0	0.0		
Channel				647000	650000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975				
10	QPSK	1	1	21.93	22.11	21.98	23.0	0.0		

Part27Q n77 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	636668			
Frequency (MHz)				3495	3499.98	3505.02			
100	PI/2 BPSK	1	1	17.84			19.0	0.0	
100	PI/2 BPSK	1	137	17.98					
100	PI/2 BPSK	1	271	18.14					
100	PI/2 BPSK	135	0	17.98		19.0			
100	PI/2 BPSK	135	69	18.02			19.0	0.0	
100	PI/2 BPSK	135	138	18.12			19.0	0.0	
100	QPSK	270	0	18.26			19.0	0.0	
100	QPSK	1	1	18.34			19.0	0.0	
100	QPSK	1	137	18.08					
100	QPSK	1	271	18.29					
100	QPSK	135	0	18.04		19.0			
100	QPSK	135	69	18.31			19.0	0.0	
100	QPSK	135	138	18.15			19.0	0.0	
100	QPSK	270	0	18.26			19.0	0.0	
100	16QAM	1	1	18.29			19.0	0.0	
100	64QAM	1	1	16.98			17.5	1.5	
100	256QAM	1	1	15.49			16.0	3.0	
Channel				633000	633332	636668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3505.02			
90	QPSK	1	1	18.26		18.26	19.0	0.0	
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3500.02			
80	QPSK	1	1	18.20		18.30	18.19	19.0	0.0
Channel				632334	633332	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3515.01			
70	QPSK	1	1	18.16		18.29	18.29	19.0	0.0
Channel				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490	3499.98	3500.02			
60	QPSK	1	1	18.30		18.14	18.29	19.0	0.0
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	18.22		18.23	18.20	19.0	0.0
Channel				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3530.01			
40	QPSK	1	1	18.16		18.30	18.17	19.0	0.0
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3535.02			
30	QPSK	1	1	18.29		18.24	18.28	19.0	0.0
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	18.21		18.30	18.16	19.0	0.0
Channel				630500	633332	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3545.02			
15	QPSK	1	1	18.25		18.19	18.25	19.0	0.0
Channel				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3545.01			
10	QPSK	1	1	18.27		18.15	18.25	19.0	0.0

Part27Q n77 PC2 Ant5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	20.84			22.0	0.0	
100	PI/2 BPSK	1	137	20.83					
100	PI/2 BPSK	1	271	21.13					
100	PI/2 BPSK	135	0	20.34			21.5	0.5	
100	PI/2 BPSK	135	69	20.89			22.0	0.0	
100	PI/2 BPSK	135	138	20.52			21.5	0.5	
100	PI/2 BPSK	270	0	20.39			22.0	0.0	
100	QPSK	1	1	21.24					
100	QPSK	1	137	20.89					
100	QPSK	1	271	21.21			21.0	1.0	
100	QPSK	135	0	19.82					
100	QPSK	135	69	21.16					
100	QPSK	135	138	19.97			21.0	1.0	
100	QPSK	270	0	20.09					
100	16QAM	1	1	19.95			21.0	1.0	
100	64QAM	1	1	18.40			19.5	2.5	
100	256QAM	1	1	16.34			17.5	4.5	
Channel				633000	633332	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3505.02	(dBm)	(dB)	
90	QPSK	1	1	21.13	21.05	21.15	22.0	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	21.12	21.16	21.04	22.0	0.0	
Channel				632334	633332	634334	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3499.98	3515.01	(dBm)	(dB)	
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	
Channel				632000	633332	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3520.02	(dBm)	(dB)	
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0	
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0	
Channel				631334	633332	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3500.01	(dBm)	(dB)	
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0	
Channel				631000	633332	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3535.02	(dBm)	(dB)	
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0	
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0	
Channel				630334	633332	636168	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3499.98	3542.52	(dBm)	(dB)	
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0	
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3499.98	3545.01	(dBm)	(dB)	
10	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	

Part96 n77 Ant2 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	20.0	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	18.80	18.92	18.88	20.0	0.0	
100	PI/2 BPSK	1	137	18.73	18.90	18.88			
100	PI/2 BPSK	1	271	18.99	19.07	19.01			
100	PI/2 BPSK	135	0	18.99	18.67	18.81	20.0	0.0	
100	PI/2 BPSK	135	69	18.49	18.61	18.58	20.0	0.0	
100	PI/2 BPSK	135	138	18.52	18.67	18.50	20.0	0.0	
100	PI/2 BPSK	270	0	18.69	18.86	18.83			
100	QPSK	1	1	19.00	19.12	19.07			
100	QPSK	1	137	18.51	18.69	18.54	20.0	0.0	
100	QPSK	1	271	18.99	19.10	18.95			
100	QPSK	135	0	18.77	18.84	18.78			
100	QPSK	135	69	19.04	19.08	19.02	20.0	0.0	
100	QPSK	135	138	18.68	18.85	18.70	20.0	0.0	
100	QPSK	270	0	18.90	19.03	18.85			
100	16QAM	1	1	18.95	19.02	18.84	20.0	0.0	
100	64QAM	1	1	18.09	18.25	18.13	20.0	0.0	
100	256QAM	1	1	17.26	17.38	17.23	18.5	1.5	
Channel				639668	641666	643666	Tune-up limit	MPR	
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)	(dB)	
90	QPSK	1	1	18.99	19.09	19.04	20.0	0.0	
Channel				639334	641666	644000	Tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	19.10	19.09	19.06	20.0	0.0	
Channel				639000	641666	644332	Tune-up limit	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dBm)	(dB)	
70	QPSK	1	1	18.98	19.02	19.01	20.0	0.0	
Channel				638668	641666	644666	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	18.96	19.02	19.04	20.0	0.0	
Channel				638334	641666	645000	Tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dBm)	(dB)	
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0	
Channel				638000	641666	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3674.99	(dBm)	(dB)	
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0	
Channel				637668	641666	645666	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0	
Channel				637334	641666	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3680	(dBm)	(dB)	
20	QPSK	1	1	19.05	18.99	19.06	20.0	0.0	
Channel				637168	641666	646168	Tune-up limit	MPR	
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)	(dB)	
15	QPSK	1	1	18.09	19.06	19.02	20.0	0.0	
Channel				637000	641666	646332	Tune-up limit	MPR	
Frequency (MHz)				3555	3624.99	3694.98	(dBm)	(dB)	
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0	

n41 Ant7								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				500202	518598	530000	25.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.89	23.87	23.89	25.0	0.0
100	PI/2 BPSK	1	137	23.72	23.72	23.74		
100	PI/2 BPSK	1	271	23.54	23.75	23.54	25.0	0.0
100	PI/2 BPSK	135	0	23.71	23.82	23.78		
100	PI/2 BPSK	135	69	23.52	23.72	23.82	25.0	0.0
100	PI/2 BPSK	135	138	23.65	23.66	23.41		
100	PI/2 BPSK	270	0	23.83	23.81	23.84	25.0	0.0
100	QPSK	1	1	23.94	23.96	23.81		
100	QPSK	1	137	23.77	23.81	23.66	25.0	0.0
100	QPSK	1	271	23.82	23.82	23.64		
100	QPSK	135	0	23.72	23.85	23.81	25.0	0.0
100	QPSK	135	69	23.66	23.91	23.88		
100	QPSK	135	138	23.58	23.72	23.81	25.0	0.0
100	QPSK	270	0	23.58	23.84	23.77		
100	16QAM	1	1	23.79	23.85	23.79	25.0	0.0
100	64QAM	1	1	23.65	23.78	23.76		
100	256QAM	1	1	22.35	22.41	22.39	23.5	1.5
Channel				500200	518598	529998	25.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	23.81	23.89	23.72	25.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	25.0	0.0
80	QPSK	1	1	23.50	23.51	23.62		
Channel				502002	518598	531000	25.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	23.77	23.92	23.83	25.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98	25.0	0.0
60	QPSK	1	1	23.78	23.91	23.61		
Channel				504204	518598	532998	25.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	23.79	23.81	23.71	25.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	25.0	0.0
40	QPSK	1	1	23.80	23.82	23.77		
Channel				502200	518598	534996	25.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.76	23.81	23.76	25.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	25.0	0.0
20	QPSK	1	1	23.79	23.85	23.73		
Channel				500700	518598	536996	25.0	0.0
Frequency (MHz)				2502.5	2592.99	2682.48		
15	QPSK	1	1	23.86	23.77	23.76	25.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	25.0	0.0
10	QPSK	1	1	23.85	23.80	23.64		

n41 PC2 Ant7								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				500202	518598	530000	28.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	26.59	26.84	26.66	28.0	0.0
100	PI/2 BPSK	1	137	26.53	26.71	26.49		
100	PI/2 BPSK	1	271	26.52	26.69	26.70	27.5	0.5
100	PI/2 BPSK	135	0	26.64	26.75	26.73		
100	PI/2 BPSK	135	69	26.67	26.67	26.47	27.5	0.5
100	PI/2 BPSK	135	138	26.82	26.82	26.62		
100	PI/2 BPSK	270	0	26.64	26.77	26.56	28.0	0.0
100	QPSK	1	1	26.92	26.97	26.85		
100	QPSK	1	137	26.71	26.74	26.47	27.0	1.0
100	QPSK	1	271	26.58	26.71	26.64		
100	QPSK	135	0	26.62	26.69	26.51	27.0	1.0
100	QPSK	135	69	26.80	26.91	26.85		
100	QPSK	135	138	25.38	25.42	25.24	27.0	1.0
100	QPSK	270	0	25.56	25.59	25.32		
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0
100	64QAM	1	1	24.01	24.19	24.02		
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5
Channel				500200	518598	529998	26.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	26.84	26.77	26.66	26.0	0.0
Channel				507204	518598	529998		
Frequency (MHz)				2536.02	2592.99	2649.99	26.0	0.0
80	QPSK	1	1	26.73	26.81	26.76		
Channel				502002	518598	531000	26.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	26.72	26.79	26.72	26.0	0.0
Channel				505200	518598	531996		
Frequency (MHz)				2526	2592.99	2659.98	26.0	0.0
60	QPSK	1	1	26.76	26.85	26.72		
Channel				504204	518598	532998	26.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	26.82	26.83	26.78	26.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2516.01	2592.99	2670	26.0	0.0
40	QPSK	1	1	26.86	26.86	26.72		
Channel				502200	518598	534996	26.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	26.83	26.77	26.70	26.0	0.0
Channel				501204	518598	535998		
Frequency (MHz)				2506.02	2592.99	2679.99	26.0	0.0
20	QPSK	1	1	26.81	26.83	26.75		
Channel				500700	518598	536996	26.0	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	26.79	26.77	26.76	26.0	0.0
Channel				500202	518598	537000		
Frequency (MHz)				2501.01	2592.99	2685	26.0	0.0
10	QPSK	1	1	26.79	26.75	26.69		

Part27Q n77 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1		25.94		27.0	0.0	
100	PI/2 BPSK	1	137		25.91				
100	PI/2 BPSK	1	271		25.79				
100	PI/2 BPSK	135	0		25.52		26.5	0.5	
100	PI/2 BPSK	135	69		25.86		27.0	0.0	
100	PI/2 BPSK	135	138		25.22		26.5	0.5	
100	PI/2 BPSK	270	0		26.44				
100	QPSK	1	1		26.06				
100	QPSK	1	137		26.01		27.0	0.0	
100	QPSK	1	271		25.81		26.0	1.0	
100	QPSK	135	0		24.99				
100	QPSK	135	69		25.95				
100	QPSK	135	138		24.71		26.0	1.0	
100	QPSK	270	0		24.98				
100	16QAM	1	1		25.17		26.0	1.0	
100	64QAM	1	1		22.74		24.5	2.5	
100	256QAM	1	1		21.79		22.5	4.5	
Channel				633000	633332	633668	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3505.02	(dBm)	(dB)	
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0	
Channel				632668	633332	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0	
Channel				632334	633332	634334	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3499.98	3515.01	(dBm)	(dB)	
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0	
Channel				632000	633332	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3520.02	(dBm)	(dB)	
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0	
Channel				631668	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)	
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0	
Channel				631334	633332	635334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3499.98	3530.01	(dBm)	(dB)	
40	QPSK	1	1	25.82	26.01	25.96	27.0	0.0	
Channel				631000	633332	635668	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3535.02	(dBm)	(dB)	
30	QPSK	1	1	25.85	25.92	25.95	27.0	0.0	
Channel				630668	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0	
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3457.5	3499.98	3542.52	(dBm)	(dB)	
15	QPSK	1	1	25.94	25.88	25.98	27.0	0.0	
Channel				630334	633332	636334	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3499.98	3545.01	(dBm)	(dB)	
10	QPSK	1	1	25.90	25.89	25.91	27.0	0.0	

Part96 n77 Ant7 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641668	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	22.40	22.20	22.35	23.5	0.0	
100	PI/2 BPSK	1	137	22.24	22.26	22.30			
100	PI/2 BPSK	1	271	22.33	22.43	22.43			
100	PI/2 BPSK	135	0	22.38	22.40	22.33	23.5	0.0	
100	PI/2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0	
100	PI/2 BPSK	135	138	22.32	22.41	22.28	23.5	0.0	
100	PI/2 BPSK	270	0	22.18	22.35	22.15			
100	QPSK	1	1	22.43	22.47	22.41			
100	QPSK	1	137	22.18	22.30	22.32	23.5	0.0	
100	QPSK	1	271	22.36	22.20	22.28	23.5	0.0	
100	QPSK	135	0	22.28	22.34	22.26			
100	QPSK	135	69	22.32	22.43	22.39			
100	QPSK	135	138	22.21	22.30	22.25	23.5	0.0	
100	QPSK	270	0	22.32	22.41	22.21			
100	16QAM	1	1	22.25	22.32	22.35	23.5	0.0	
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0	
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0	
Channel				639668	641668	643668	Tune-up limit	MPR	
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)	(dB)	
90	QPSK	1	1	22.45	22.34	22.38	23.5	0.0	
Channel				639334	641668	644000	Tune-up limit	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0	
Channel				639000	641668	644332	Tune-up limit	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dBm)	(dB)	
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0	
Channel				638668	641668	644668	Tune-up limit	MPR	
Frequency (MHz)				3580.02	3624.99	3669.98	(dBm)	(dB)	
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0	
Channel				638334	641668	645000	Tune-up limit	MPR	
Frequency (MHz)				3575.01	3624.99	3675	(dBm)	(dB)	
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0	
Channel				638000	641668	645332	Tune-up limit	MPR	
Frequency (MHz)				3570	3624.99	3674.99	(dBm)	(dB)	
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0	
Channel				637668	641668	645668	Tune-up limit	MPR	
Frequency (MHz)				3565.02	3624.99	3684.98	(dBm)	(dB)	
30	QPSK	1	1	22.37	22.33	22.33	23.5	0.0	
Channel				637334	641668	646000	Tune-up limit	MPR	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	22.39	22.37	22.28	23.5	0.0	
Channel				637168	641668	646168	Tune-up limit	MPR	
Frequency (MHz)				3557.52	3624.99	3692.49	(dBm)	(dB)	
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0	
Channel				637000	641668	646332	Tune-up limit	MPR	
Frequency (MHz)				3555	3624.99	3694.98	(dBm)	(dB)	
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0	

Reduced Power Mode for DSI4 ENDC Standalone

n5 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166000	167300	167600			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	24.24	24.33	24.28			
20	PI/2 BPSK	1	53	24.27	24.32	24.18	25.0	0.0	
20	PI/2 BPSK	1	104	24.12	24.21	24.09			
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	PI/2 BPSK	50	56	24.15	24.28	24.12			
20	PI/2 BPSK	100	0	24.16	24.31	24.17	24.5	0.5	
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.28	25.0	0.0	
20	QPSK	1	104	24.17	24.27	24.16			
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0	
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0	
20	QPSK	50	56	23.66	23.80	23.65			
20	QPSK	100	0	23.60	23.69	23.52	24.0	1.0	
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0	
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5	
20	256QAM	1	1	19.88	19.97	19.92	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	24.25	24.30	24.24	25.0	0.0	
Channel				168500	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.17	24.28	24.25	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	24.27	24.25	24.23	25.0	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	23.44	23.88	23.72			
40	PI/2 BPSK	1	108	23.58	23.65	23.44	24.5	0.0	
40	PI/2 BPSK	1	214	23.40	23.62	23.58			
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	PI/2 BPSK	108	108	23.63	23.72	23.58			
40	PI/2 BPSK	216	0	23.55	23.70	23.51	24.0	0.5	
40	QPSK	1	1	23.80	23.88	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.61	23.64			
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0	
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0	
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0	
40	QPSK	216	0	23.03	23.12	22.93			
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0	
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1721.5	1745	1762.5			
35	QPSK	1	1	23.81	23.58	23.77	24.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.80	23.75	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	23.66	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				672	680.5	689			
20	PI/2 BPSK	1	1	24.08	24.17	24.16			
20	PI/2 BPSK	1	53	24.11	24.14	24.17	25.0	0.0	
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11			
20	PI/2 BPSK	100	0	24.04	24.08	24.03	24.5	0.5	
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.25	23.25	23.15			
20	QPSK	100	0	23.14	23.36	23.23	24.0	1.0	
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	23.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59			
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62	23.0	0.5	
40	PI/2 BPSK	108	0	22.53	22.66	22.61			
40	PI/2 BPSK	108	54	22.59	22.75	22.65			
40	PI/2 BPSK	108	108	22.73	22.81	22.74			
40	PI/2 BPSK	216	0	22.59	22.75	22.60	23.5	0.0	
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.64			
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59			
40	64QAM	1	1	20.15	20.23	20.11			
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	1	22.62	22.71	22.61	23.5	0.0	
Channel				502500	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				503000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n2 Ant4 For ENDC									
BW [MHz]	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	PI/2 BPSK	1	1	23.63	23.66	23.45			
20	PI/2 BPSK	1	53	23.47	23.69	23.60	24.5	0.0	
20	PI/2 BPSK	1	104	23.48	23.71	23.61			
20	PI/2 BPSK	50	0	23.60	23.69	23.64	24.0	0.5	
20	PI/2 BPSK	50	23	23.56	23.64	23.43	24.5	0.0	
20	PI/2 BPSK	50	56	23.69	23.70	23.69			
20	PI/2 BPSK	100	0	23.57	23.66	23.59	24.0	0.5	
20	QPSK	1	1	23.70	23.73	23.71			
20	QPSK	1	53	23.64	23.70	23.58	24.5	0.0	
20	QPSK	1	104	23.67	23.66	23.43			
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0	
20	QPSK	50	23	23.66	23.70	23.57	24.5	0.0	
20	QPSK	50	56	23.00	23.01	22.95			
20	QPSK	100	0	23.12	23.19	23.18	23.5	1.0	
20	16QAM	1	1	22.95	22.93	22.73	23.5	1.0	
20	64QAM	1	1	21.41	21.58	21.56	22.0	2.5	
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5	
Channel				371000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.53	23.63	23.55	24.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.64	23.57	23.54	24.5	0.0	
Channel				372000	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.51	23.67	23.62	24.5	0.0	

n25 Ant4 For ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	378500	379000			
Frequency (MHz)				1870	1882.5	1885			
40	PI/2 BPSK	1	1	23.54	23.68	23.55			
40	PI/2 BPSK	1	108	23.51	23.72	23.56	24.5	0.0	
40	PI/2 BPSK	1	214	23.66	23.69	23.50			
40	PI/2 BPSK	108	0	23.40	23.63	23.58	24.0	0.5	
40	PI/2 BPSK	108	54	23.49	23.61	23.61	24.5	0.0	
40	PI/2 BPSK	108	108	23.48	23.66	23.67			
40	PI/2 BPSK	216	0	23.48	23.67	23.64	24.0	0.5	
40	QPSK	1	1	23.73	23.77	23.68			
40	QPSK	1	108	23.64	23.74	23.65	24.5	0.0	
40	QPSK	1	214	23.74	23.72	23.63			
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0	
40	QPSK	108	54	23.46	23.72	23.67	24.5	0.0	
40	QPSK	108	108	22.82	22.94	22.72			
40	QPSK	216	0	22.86	23.02	22.96	23.5	1.0	
40	16QAM	1	1	22.95	22.96	22.88	23.5	1.0	
40	64QAM	1	1	21.49	21.57	21.40	22.0	2.5	
40	256QAM	1	1	19.52	19.51	19.26	20.0	4.5	
Channel				372000	376500	378000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	23.59	23.68	23.61	24.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	23.57	23.73	23.53	24.5	0.0	
Channel				372000	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	23.56	23.73	23.64	24.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	23.61	23.70	23.63	24.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	23.63	23.62	23.64	24.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	23.66	23.66	23.61	24.5	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	23.56	23.70	23.63	24.5	0.0	

n66 Ant4 For ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	350000			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	23.73	23.70	23.71			
40	PI/2 BPSK	1	108	23.48	23.67	23.70	24.5	0.0	
40	PI/2 BPSK	1	214	23.50	23.71	23.48			
40	PI/2 BPSK	108	0	23.64	23.61	23.44	24.0	0.5	
40	PI/2 BPSK	108	54	23.60	23.56	23.49	24.5	0.0	
40	PI/2 BPSK	108	108	23.62	23.69	23.71			
40	PI/2 BPSK	216	0	23.59	23.67	23.66	24.0	0.5	
40	QPSK	1	1	23.68	23.74	23.72			
40	QPSK	1	108	23.47	23.69	23.52	24.5	0.0	
40	QPSK	1	214	23.64	23.72	23.48			
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0	
40	QPSK	108	54	23.55	23.71	23.67	24.5	0.0	
40	QPSK	108	108	23.22	23.24	23.01			
40	QPSK	216	0	22.88	23.08	22.85	23.5	1.0	
40	16QAM	1	1	23.04	23.05	22.83	23.5	1.0	
40	64QAM	1	1	21.56	21.58	21.59	22.0	2.5	
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5	
Channel				342500	349000	350500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	23.59	23.59	23.66	24.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.56	23.64	23.64	24.5	0.0	
Channel				341500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.60	23.61	23.64	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.55	23.64	23.63	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	23.58	23.70	23.57	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.59	23.64	23.55	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	23.61	23.55	23.58	24.5	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				65000	65000	65000			
100	PI2 BPSK	1	1	21.03	21.17	21.03			
100	PI2 BPSK	1	137	21.08	21.10	21.01	22.0		
100	PI2 BPSK	1	211	21.03	21.13	21.03			
100	PI2 BPSK	135	0	21.14	21.09	21.06	22.0	0.0	
100	PI2 BPSK	135	69	21.12	21.07	21.07	22.0	0.0	
100	PI2 BPSK	135	135	21.13	21.16	21.09	22.0	0.0	
100	PI2 BPSK	270	0	21.03	21.14	21.08			
100	QPSK	1	1	21.16	21.21	21.13			
100	QPSK	1	137	21.13	21.18	20.99	22.0	0.0	
100	QPSK	1	211	21.12	21.15	21.09			
100	QPSK	135	0	21.13	21.12	21.09	22.0	0.0	
100	QPSK	135	69	21.12	21.16	21.06	22.0	0.0	
100	QPSK	135	135	21.14	21.15	21.09	22.0	0.0	
100	QPSK	270	0	21.07	21.10	21.07			
100	16QAM	1	1	21.07	21.14	21.05	22.0	0.0	
100	64QAM	1	1	21.11	21.12	21.00	22.0	0.0	
100	256QAM	1	1	21.11	21.17	21.11	22.0	0.0	
Channel				65000	65000	65034	Tune up Int	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	21.04	21.09	21.11	22.0	0.0	
Channel				64934	65000	65068	Tune up Int	MPR	
Frequency (MHz)				3740.91	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	21.05	21.16	21.00	22.0	0.0	
Channel				64968	65000	65034	Tune up Int	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	21.03	21.14	21.07	22.0	0.0	
Channel				64968	65000	65034	Tune up Int	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	21.11	21.13	21.04	22.0	0.0	
Channel				64934	65000	65068	Tune up Int	MPR	
Frequency (MHz)				3725.01	3840	3954.02	(dBm)	(dB)	
50	QPSK	1	1	21.11	21.10	21.09	22.0	0.0	
Channel				64900	65000	65400	Tune up Int	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	21.14	21.12	21.07	22.0	0.0	
Channel				64768	65000	65434	Tune up Int	MPR	
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)	
30	QPSK	1	1	21.03	21.16	20.99	22.0	0.0	
Channel				64734	65000	65468	Tune up Int	MPR	
Frequency (MHz)				3710.91	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	21.03	21.10	21.09	22.0	0.0	
Channel				3707.52	3840	3972.51	Tune up Int	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	21.02	21.12	21.05	22.0	0.0	
Channel				64700	65000	65500	Tune up Int	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	21.06	21.16	21.01	22.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				37500	38400	39300			
100	PI2 BPSK	1	1	24.06	24.03	24.02			
100	PI2 BPSK	1	137	23.95	24.02	23.92	25.0		
100	PI2 BPSK	1	211	24.09	24.07	24.13			
100	PI2 BPSK	135	0	23.96	23.84	23.91	25.0		
100	PI2 BPSK	135	69	23.84	23.88	23.87	25.0		
100	PI2 BPSK	135	135	24.03	24.08	24.08	25.0		
100	PI2 BPSK	270	0	24.11	24.10	24.07	25.0		
100	QPSK	1	1	24.21	24.27	24.12			
100	QPSK	1	137	23.99	24.01	24.03	25.0		
100	QPSK	1	211	24.03	24.03	24.04			
100	QPSK	135	0	23.97	23.91	23.96	25.0	0.0	
100	QPSK	135	69	24.04	24.14	24.13	25.0	0.0	
100	QPSK	135	135	23.93	24.01	23.96	25.0	0.0	
100	QPSK	270	0	24.04	24.07	24.03			
100	64QAM	1	1	23.93	23.97	23.94	24.5	0.5	
100	256QAM	1	1	21.26	21.56	21.51	22.5	2.5	
Channel				64968	65000	65234	Tune-up Int	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	24.12	24.12	24.09	25.0	0.0	
Channel				64934	65000	65268	Tune-up Int	MPR	
Frequency (MHz)				3740.91	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	24.04	24.05	24.10	25.0	0.0	
Channel				64968	65000	65334	Tune-up Int	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	24.02	24.11	24.07	25.0	0.0	
Channel				64968	65000	65334	Tune-up Int	MPR	
Frequency (MHz)				3730.02	3840	3945.01	(dBm)	(dB)	
60	QPSK	1	1	24.05	24.12	24.11	25.0	0.0	
Channel				64934	65000	65368	Tune-up Int	MPR	
Frequency (MHz)				3725.01	3840	3954.02	(dBm)	(dB)	
50	QPSK	1	1	24.08	24.13	24.12	25.0	0.0	
Channel				64900	65000	65400	Tune-up Int	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	24.09	24.09	24.08	25.0	0.0	
Channel				64768	65000	65434	Tune-up Int	MPR	
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)	
30	QPSK	1	1	24.09	24.09	24.05	25.0	0.0	
Channel				64734	65000	65468	Tune-up Int	MPR	
Frequency (MHz)				3710.91	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	24.07	24.08	24.05	25.0	0.0	
Channel				3707.52	3840	3972.51	Tune-up Int	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	24.03	24.02	24.04	25.0	0.0	
Channel				64700	65000	65500	Tune-up Int	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	24.06	24.10	24.03	25.0	0.0	

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int	MPR (dB)	
Channel				63332					
Frequency (MHz)				3499.98					
100	PI2 BPSK	1	1	21.09					
100	PI2 BPSK	1	137	21.06			22.0		
100	PI2 BPSK	1	271	21.07					
100	PI2 BPSK	135	0	20.97			22.0	0.0	
100	PI2 BPSK	135	69	20.94			22.0	0.0	
100	PI2 BPSK	135	135	21.12			22.0	0.0	
100	PI2 BPSK	270	0	21.03			22.0	0.0	
100	QPSK	1	1	21.17					
100	QPSK	1	137	21.10			22.0	0.0	
100	QPSK	1	271	21.07					
100	QPSK	135	0	21.01			22.0	0.0	
100	QPSK	135	69	21.09			22.0	0.0	
100	QPSK	135	135	21.02			22.0	0.0	
100	QPSK	270	0	21.06			22.0	0.0	
100	16QAM	1	1	21.08			22.0	0.0	
100	64QAM	1	1	21.02			22.0	0.0	
100	256QAM	1	1	21.11			22.0	0.0	
Channel				63300	63332	63366	Tune-up Int	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	20.96	20.96	21.03	22.0	0.0	
Channel				63268	63332	63400	Tune-up Int	MPR	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	20.99	20.97	21.01	22.0	0.0	
Channel				63485.01	3499.98	3514.98	Tune-up Int	MPR	
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)	
70	QPSK	1	1	20.91	20.99	20.97	22.0	0.0	
Channel				63200	63332	63466	Tune-up Int	MPR	
Frequency (MHz)				3480	3499.98	3519.98	(dBm)	(dB)	
60	QPSK	1	1	20.93	21.03	21.03	22.0	0.0	
Channel				63168	63332	63500	Tune-up Int	MPR	
Frequency (MHz)				3475.02	3499.98	3524.98	(dBm)	(dB)	
50	QPSK	1	1	21.01	20.96	21.06	22.0	0.0	
Channel				63134	63332	63632	Tune-up Int	MPR	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	21.01	21.05	21.10	22.0	0.0	
Channel				63102	63332	63696	Tune-up Int	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	21.01	21.01	21.07	22.0	0.0	
Channel				63096	63332	63700	Tune-up Int	MPR	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	20.95	20.98	21.06	22.0	0.0	
Channel				63000	63332	63616	Tune-up Int	MPR	
Frequency (MHz)				3454.8	3499.98	3545.8	(dBm)	(dB)	
15	QPSK	1	1	20.99	20.95	21.03	22.0	0.0	
Channel				63034	63332	63632	Tune-up Int	MPR	
Frequency (MHz)				3458.01	3499.98	3548.01	(dBm)	(dB)	
10	QPSK	1	1	20.99	20.98	21.01	22.0	0.0	

Part96 n77 Ant6 Default									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	20.99	21.06	20.95			
100	PI2 BPSK	1	137	21.00	21.03	20.90	22.0	0.0	
100	PI2 BPSK	1	271	20.99	21.03	20.98			
100	PI2 BPSK	135	0	21.04	21.03	21.00	22.0	0.0	
100	PI2 BPSK	135	69	21.03	20.97	21.01	22.0	0.0	
100	PI2 BPSK	135	138	21.05	21.09	21.03	22.0	0.0	
100	PI2 BPSK	270	0	21.02	21.04	21.00			
100	QPSK	1	1	21.00	21.16	21.10			
100	QPSK	1	211	21.05	21.13	20.93	22.0	0.0	
100	QPSK	1	271	21.11	21.13	21.07			
100	QPSK	135	0	21.07	21.01	21.05	22.0	0.0	
100	QPSK	135	69	21.12	21.14	21.03	22.0	0.0	
100	QPSK	135	138	21.04	21.12	21.06	22.0	0.0	
100	QPSK	270	0	20.98	21.06	21.04			
100	16QAM	1	1	21.01	21.06	21.03	22.0	0.0	
100	64QAM	1	1	21.08	21.01	20.95	22.0	0.0	
100	256QAM	1	1	21.00	21.12	21.08	22.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.94	21.13	20.92	22.0		
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.93	21.15	20.97	22.0		
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.00	21.13	20.98	22.0		
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.03	21.09	21.03	22.0		
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.97	21.15	21.01	22.0		
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.99	21.14	20.97	22.0		
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.97	21.11	20.95	22.0		
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.02	21.15	20.97	22.0		
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.99	21.06	20.96	22.0		
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.94	21.09	20.96	22.0		

Par270 n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (F, Freq)	Power Middle Ch (F, Freq)	Power High Ch (F, Freq)	Tune-up Int (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				1					
100	PI2 BPSK	1	1	21.15					
100	PI2 BPSK	1	137	21.16			22.0		
100	PI2 BPSK	1	271	21.14					
100	PI2 BPSK	135	0	21.08			22.0		0.0
100	PI2 BPSK	135	69	20.99			22.0		0.0
100	PI2 BPSK	135	138	21.06			22.0		0.0
100	PI2 BPSK	270	0	21.05					
100	QPSK	1	1	21.20			22.0		0.0
100	QPSK	1	137	21.18					
100	QPSK	1	271	21.13					
100	QPSK	135	0	21.11			22.0		0.0
100	QPSK	135	69	21.19			22.0		0.0
100	QPSK	135	138	21.03			22.0		0.0
100	QPSK	270	0	21.05					
100	16QAM	1	1	21.15			22.0		0.0
100	64QAM	1	1	21.02			21.5		0.5
100	256QAM	1	1	19.09			19.5		2.5
Channel				650324					
Frequency (MHz)				3745.02					
90	QPSK	1	1	21.02	3750	3755.01	22.0		0.0
Channel				650334					
Frequency (MHz)				3745.01					
80	QPSK	1	1	21.05	21.09	21.12	22.0		0.0
Channel				650000					
Frequency (MHz)				650000					
70	QPSK	1	1	21.02	21.09	21.14	22.0		0.0
Channel				650000					
Frequency (MHz)				650000					
60	QPSK	1	1	21.04	21.09	21.21	22.0		0.0
Channel				650324					
Frequency (MHz)				3750.01					
50	QPSK	1	1	21.04	21.09	21.17	22.0		0.0
Channel				650000					
Frequency (MHz)				3750.02					
40	QPSK	1	1	21.07	21.07	21.23	22.0		0.0
Channel				37515.02					
Frequency (MHz)				37515.02					
30	QPSK	1	1	21.06	21.09	21.18	22.0		0.0
Channel				37515.01					
Frequency (MHz)				37515.01					
20	QPSK	1	1	21.08	21.01	21.20	22.0		0.0
Channel				64198					
Frequency (MHz)				37025.02					
15	QPSK	1	1	21.09	21.08	21.17	22.0		0.0
Channel				650000					
Frequency (MHz)				650000					
10	QPSK	1	1	21.01	21.12	21.21	22.0		0.0

Part27Q n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		21.11				
100	PI2 BPSK	1	137		21.11		22.0		
100	PI2 BPSK	1	271		21.13				
100	PI2 BPSK	135	0		21.07		22.0	0.0	
100	PI2 BPSK	135	69		21.07		22.0	0.0	
100	PI2 BPSK	135	138		21.04		22.0	0.0	
100	PI2 BPSK	270	0		21.04				
100	QPSK	1	1		21.23				
100	QPSK	1	137		21.15		22.0	0.0	
100	QPSK	1	271		21.16				
100	QPSK	135	0		21.12		22.0	0.0	
100	QPSK	135	69		21.13		22.0	0.0	
100	QPSK	135	138		21.07		22.0	0.0	
100	QPSK	270	0		21.12				
100	16QAM	1	1		21.12		22.0	0.0	
100	64QAM	1	1		21.03		21.5	0.5	
100	256QAM	1	1		19.03		19.5	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.09	21.12	21.16	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.05	21.05	21.12	22.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.02	21.09	21.14	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.11	21.04	21.12	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.1668	21.3332	21.5000	22.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.1312	21.3688	21.52	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.1010	21.3332	21.5668	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.0620	21.3698	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.07	21.403	21.71	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.9304	21.3332	21.6632	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.99	21.03	21.15	22.0	0.0	

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2590.02	2595	2599.98			
Frequency (MHz)				23.27	23.32	23.13			
40	PV2 BPSK	1	1	23.27	23.32	23.13			
40	PV2 BPSK	1	53	23.23	23.29	23.12	24.0	0.0	
40	PV2 BPSK	1	104	23.10	23.31	23.19			
40	PV2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5	
40	PV2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0	
40	PV2 BPSK	50	56	23.15	23.24	23.27			
40	PV2 BPSK	100	0	23.08	23.28	23.29	23.5	0.5	
40	QPSK	1	1	23.33	23.34	23.22			
40	QPSK	1	53	23.22	23.32	23.23	24.0	0.0	
40	QPSK	1	104	23.10	23.33	23.32			
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0	
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0	
40	QPSK	50	56	22.61	22.68	22.53	23.0	1.0	
40	QPSK	100	0	22.64	22.71	22.55			
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0	
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5	
40	256QAM	1	1	19.13	19.32	19.24	19.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2595	2604.99			
30	QPSK	1	1	23.25	23.25	23.09	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.61	2595	2612.49			
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0	

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				5246.01	5292.99	5340			
Frequency (MHz)				23.98	23.13	23.11			
100	PV2 BPSK	1	1	23.98	23.13	23.11			
100	PV2 BPSK	1	137	23.14	23.21	23.24	24.0	0.0	
100	PV2 BPSK	1	271	23.26	23.30	23.19			
100	PV2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0	
100	PV2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0	
100	PV2 BPSK	135	138	23.20	23.21	23.04			
100	PV2 BPSK	270	0	23.16	23.23	23.23	24.0	0.0	
100	QPSK	1	1	23.31	23.36	23.22			
100	QPSK	1	137	23.16	23.23	23.12	24.0	0.0	
100	QPSK	1	271	23.14	23.33	23.28			
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0	
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0	
100	QPSK	135	138	23.19	23.31	23.16			
100	QPSK	270	0	23.28	23.31	23.23	24.0	0.0	
100	16QAM	1	1	23.11	23.32	23.18	24.0	0.0	
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0	
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5	
Channel				506200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2341	2592.99	2644.96			
90	QPSK	1	1	23.16	23.29	23.17	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	23.25	23.26	23.16	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.19	23.32	23.08	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.17	23.23	23.12	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2654.99			
50	QPSK	1	1	23.13	23.24	23.09	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.25	23.26	23.05	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.22	23.24	23.18	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.19	23.29	23.10	24.0	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.21	23.31	23.12	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.16	23.19	23.17	24.0	0.0	

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528900			
Frequency (MHz)				2546.01	2592.99	2640			
100	PV2 BPSK	1	1	26.02	26.26	26.01			
100	PV2 BPSK	1	137	26.00	26.17	26.01	27.0	0.0	
100	PV2 BPSK	1	271	26.06	26.20	26.21			
100	PV2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5	
100	PV2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0	
100	PV2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5	
100	PV2 BPSK	270	0	26.02	26.20	26.20			
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15	27.0	0.0	
100	QPSK	1	271	26.20	26.23	26.15			
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0	
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0	
100	QPSK	135	138	25.54	25.72	25.49	26.0	1.0	
100	QPSK	270	0	25.32	25.54	25.32	26.0	1.0	
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0	
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5	
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.96			
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2636.02	2592.99	2649.99			
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	26.10	26.16	26.08	27.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2654.99			
50	QPSK	1	1	26.12	26.27	26.07	27.0	0.0	
Channel				503202	518598	533996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2650			
40	QPSK	1	1	26.16	26.25	26.12	27.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	26.16	26.16	26.03	27.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	26.12	26.22	26.08	27.0	0.0	
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.45	2592.99	2692.48			
15	QPSK	1	1	26.10	26.26	26.10	27.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	26.09	26.16	26.09	27.0	0.0	

Reduced Power Mode for DSI6 Simultaneous

n2 Ant1											
BW [MHz]	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)				1650	1680	1700					
20	PV2 BPSK	1	1	23.51	23.67	23.65	24.5	0.0			
20	PV2 BPSK	1	53	23.62	23.64	23.57					
20	PV2 BPSK	1	104	23.55	23.72	23.62					
20	PV2 BPSK	50	0	23.59	23.67	23.54	24.0	0.5			
20	PV2 BPSK	50	28	23.54	23.68	23.56	24.5	0.0			
20	PV2 BPSK	50	56	23.45	23.59	23.57	24.0	0.5			
20	PV2 BPSK	100	0	23.65	23.72	23.59					
20	QPSK	1	1	23.74	23.80	23.79					
20	QPSK	1	53	23.66	23.70	23.64	24.5	0.0			
20	QPSK	1	104	23.71	23.76	23.67					
20	QPSK	50	0	23.18	23.22	23.05	23.5	1.0			
20	QPSK	50	28	23.75	23.76	23.76	24.5	0.0			
20	QPSK	50	56	22.98	23.02	22.87	23.5	1.0			
20	QPSK	100	0	23.07	23.12	23.09					
20	16QAM	1	1	23.25	23.39	23.24	23.5	1.0			
20	64QAM	1	1	21.77	21.91	21.76	22.0	2.5			
20	256QAM	1	1	19.74	19.89	19.81	20.0	4.5			
Channel				371500	376000	380500					
Frequency (MHz)				1657.5	1680	1692.5					
15	QPSK	1	1	23.59	23.60	23.65	24.5	0.0			
Channel				371000	376000	381000					
Frequency (MHz)				1655	1680	1705					
10	QPSK	1	1	23.88	23.69	23.63	24.5	0.0			
Channel				370500	376000	381500					
Frequency (MHz)				1652.5	1680	1697.5					
5	QPSK	1	1	23.69	23.66	23.71	24.5	0.0			

n5 Ant1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR			
Channel				166800	167300	167800					
Frequency (MHz)				834	836.5	839					
20	PV2 BPSK	1	1	24.24	24.33	24.25	25.0	0.0			
20	PV2 BPSK	1	53	24.27	24.32	24.18					
20	PV2 BPSK	1	104	24.12	24.21	24.09					
20	PV2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5			
20	PV2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0			
20	PV2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5			
20	PV2 BPSK	100	0	24.16	24.31	24.17					
20	QPSK	1	1	24.35	24.39	24.30					
20	QPSK	1	53	24.20	24.33	24.26	25.0	0.0			
20	QPSK	1	104	24.17	24.27	24.16					
20	QPSK	50	0	23.78	23.84	23.77	24.0	1.0			
20	QPSK	50	28	24.21	24.31	24.25	25.0	0.0			
20	QPSK	50	56	23.66	23.80	23.66	24.0	1.0			
20	QPSK	100	0	23.60	23.69	23.52					
20	16QAM	1	1	23.89	23.97	23.94	24.0	1.0			
20	64QAM	1	1	22.03	22.05	21.91	22.5	2.5			
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5			
Channel				163300	167300	168300					
Frequency (MHz)				831.5	836.5	841.5					
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0			
Channel				166800	167300	168800					
Frequency (MHz)				829	836.5	844					
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0			
Channel				163300	167300	167300					
Frequency (MHz)				826.5	836.5	846.5					
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0			

n14 Ant1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)		
Channel				156500						
Frequency (MHz)				703						
10	Pi/2 BPSK	1	1		24.09		25.0	0.0		
10	Pi/2 BPSK	1	26		23.99					
10	Pi/2 BPSK	1	50		23.89					
10	Pi/2 BPSK	25	0		23.92		24.5	0.5		
10	Pi/2 BPSK	25	14		23.88		25.0	0.0		
10	Pi/2 BPSK	25	27		23.84		24.5	0.5		
10	Pi/2 BPSK	50	0		23.92					
10	QPSK	1	1		24.10					
10	QPSK	1	26		23.94		25.0	0.0		
10	QPSK	1	50		23.96					
10	QPSK	25	0		23.93		24.0	1.0		
10	QPSK	25	14		24.06		25.0	0.0		
10	QPSK	25	27		23.01		24.0	1.0		
10	QPSK	50	0		23.05					
10	16QAM	1	1		23.06		24.0	1.0		
10	64QAM	1	1		21.60		22.5	2.5		
10	256QAM	1	1		19.52		20.5	4.5		
Channel				156100	156500	156900				
Frequency (MHz)				700.5	703	705.5 <th colspan="2"></th>				
5	QPSK	1	1	23.96	23.99	24.02	25.0	0.0		

n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1810	1882.5	1955			
40	PI/2 BPSK	1	1	23.74	23.80	23.81	24.5	0.0	
40	PI/2 BPSK	1	108	23.69	23.78	23.77			
40	PI/2 BPSK	1	214	23.70	23.81	23.62			
40	PI/2 BPSK	108	0	23.81	23.78	23.73	24.0	0.5	
40	PI/2 BPSK	108	54	23.76	23.76	23.67	24.5	0.0	
40	PI/2 BPSK	108	108	23.86	23.76	23.79	24.0	0.5	
40	PI/2 BPSK	216	0	23.72	23.83	23.72			
40	QPSK	1	1	23.70	23.88	23.77			
40	QPSK	1	108	23.85	23.81	23.70	24.5	0.0	
40	QPSK	1	214	23.77	23.85	23.79			
40	QPSK	108	0	23.18	23.29	23.13	23.5	1.0	
40	QPSK	108	54	23.66	23.76	23.75	24.5	0.0	
40	QPSK	108	108	23.19	23.26	23.19	23.5	1.0	
40	QPSK	216	0	23.22	23.36	23.20	23.5	1.0	
40	16QAM	1	1	23.49	23.46	23.40	23.5	1.0	
40	64QAM	1	1	21.54	21.68	21.56	22.0	2.5	
40	256QAM	1	1	19.51	19.71	19.57	20.0	4.5	
Channel				373500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1887.5	1892.5	1897.5			
35	QPSK	1	1	23.61	23.74	23.58	24.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	23.59	23.69	23.71	24.5	0.0	
Channel				372500	376500	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	23.63	23.70	23.68	24.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	23.66	23.84	23.62	24.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	23.80	23.79	23.58	24.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	23.56	23.77	23.68	24.5	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	23.64	23.81	23.64	24.5	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0	
40	PI/2 BPSK	1	108	23.58	23.65	23.44			
40	PI/2 BPSK	1	214	23.40	23.62	23.58			
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5	
40	PI/2 BPSK	216	0	23.55	23.70	23.51			
40	QPSK	1	1	23.80	23.88	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.61	23.64			
40	QPSK	108	0	22.97	23.18	23.17	23.5	1.0	
40	QPSK	108	54	23.73	23.86	23.63	24.5	0.0	
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0	
40	QPSK	216	0	23.03	23.12	22.93			
40	16QAM	1	1	23.02	23.14	23.17	23.5	1.0	
40	64QAM	1	1	21.33	21.50	21.48	22.0	2.5	
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				343500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1762.5			
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0	
Channel				343000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				342500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.81	23.64	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.80	23.75	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	23.66	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				134600	136100	137600			
Frequency (MHz)				670.5	680.5	690.5			
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.14	24.17			
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96			
20	QPSK	50	0	23.50	23.63	23.55	24.0	1.0	
20	QPSK	50	28	24.14	24.18	23.97	25.0	0.0	
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23			
20	16QAM	1	1	23.18	23.19	23.09	24.0	1.0	
20	64QAM	1	1	21.72	21.93	21.75	22.5	2.5	
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				133100	136100	139100	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	23.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	22.55	22.70	22.59			
40	PI/2 BPSK	1	108	22.66	22.72	22.62			
40	PI/2 BPSK	1	214	22.74	22.79	22.62	23.0	0.5	
40	PI/2 BPSK	108	0	22.53	22.66	22.61			
40	PI/2 BPSK	108	54	22.59	22.75	22.65			
40	PI/2 BPSK	108	108	22.73	22.81	22.74			
40	PI/2 BPSK	216	0	22.59	22.75	22.60	23.5	0.0	
40	QPSK	1	1	22.81	22.86	22.76			
40	QPSK	1	108	22.75	22.82	22.84			
40	QPSK	1	214	22.81	22.84	22.67			
40	QPSK	108	0	21.86	21.77	21.71	22.5	1.0	
40	QPSK	108	54	22.64	22.81	22.72	23.5	0.0	
40	QPSK	108	108	21.60	21.73	21.67	22.5	1.0	
40	QPSK	216	0	21.59	21.75	21.67			
40	16QAM	1	1	21.64	21.72	21.59	22.5	1.0	
40	64QAM	1	1	20.15	20.23	20.11	21.0	2.5	
40	256QAM	1	1	18.18	18.32	18.25	19.0	4.5	
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	22.82	22.71	22.61		23.5	
Channel				502500	507000	511500		Tune-up limit (dBm)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	22.68	22.72	22.69	23.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.74	22.73	22.64	23.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0	

n41 Ant4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	21.31	21.36	21.31			
100	PI/2 BPSK	1	137	21.25	21.36	21.22	22.0	0.0	
100	PI/2 BPSK	1	271	21.35	21.41	21.25			
100	PI/2 BPSK	135	0	21.18	21.38	21.17	22.0	0.0	
100	PI/2 BPSK	135	69	21.10	21.29	21.06	22.0	0.0	
100	PI/2 BPSK	135	138	21.25	21.32	21.32			
100	PI/2 BPSK	270	0	21.20	21.41	21.19			
100	QPSK	1	1	21.52	21.53	21.39			
100	QPSK	1	137	21.24	21.42	21.28	22.0	0.0	
100	QPSK	1	271	21.41	21.49	21.48			
100	QPSK	135	0	21.32	21.43	21.29	22.0	0.0	
100	QPSK	135	69	21.33	21.53	21.43	22.0	0.0	
100	QPSK	135	138	21.28	21.33	21.11			
100	QPSK	270	0	21.28	21.51	21.46	22.0	0.0	
100	16QAM	1	1	21.28	21.48	21.48	22.0	0.0	
100	64QAM	1	1	21.20	21.39	21.22	22.0	0.0	
100	256QAM	1	1	19.88	20.06	20.09	20.5	1.5	
Channel				506200	518598	528996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	21.48	21.42	21.21	22.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	21.36	21.48	21.24	22.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	QPSK	1	1	21.37	21.36	21.25	22.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	21.35	21.43	21.23	22.0	0.0	
Channel				504204	518598	532000	Tune-up limit	MPR	
Frequency (MHz)				2621.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	21.41	21.45	21.20	22.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	21.33	21.36	21.20	22.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	21.37	21.38	21.32	22.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	21.40	21.50	21.21	22.0	0.0	
Channel				500700	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2503.15	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	21.35	21.40	21.24	22.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	21.46	21.44	21.33	22.0	0.0	

n41 PC2 Ant4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				505922	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	24.38	24.42	24.40	25.0	0.0	
100	PI/2 BPSK	1	137	24.35	24.38	24.27			
100	PI/2 BPSK	1	271	24.35	24.38	24.27			
100	PI/2 BPSK	135	0	23.70	23.89	23.71	24.5	0.5	
100	PI/2 BPSK	135	69	24.33	24.33	24.24	25.0	0.0	
100	PI/2 BPSK	135	138	23.85	23.87	23.69	24.5	0.5	
100	PI/2 BPSK	270	0	23.90	23.97	23.74			
100	QPSK	1	1	24.57	24.59	24.47	25.0	0.0	
100	QPSK	1	137	24.56	24.53	24.52			
100	QPSK	1	271	24.27	24.49	24.38			
100	QPSK	135	0	23.21	23.42	23.36	24.0	1.0	
100	QPSK	135	69	23.49	24.55	24.46	25.0	0.0	
100	QPSK	135	138	23.33	23.38	23.13	24.0	1.0	
100	QPSK	270	0	23.52	23.54	23.53			
100	16QAM	1	1	23.51	23.46	23.22	24.0	1.0	
100	64QAM	1	1	21.72	21.94	21.94	22.5	2.5	
100	256QAM	1	1	19.97	20.07	19.90	20.5	4.5	
Channel				506200	518598	528996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dbm)	(db)	
90	QPSK	1	1	24.40	24.44	24.32	25.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dbm)	(db)	
80	QPSK	1	1	24.45	24.48	24.40	25.0	0.0	
Channel				505622	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dbm)	(db)	
70	QPSK	1	1	24.48	24.46	24.33	25.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dbm)	(db)	
60	QPSK	1	1	24.46	24.48	24.33	25.0	0.0	
Channel				504204	518598	532000	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dbm)	(db)	
50	QPSK	1	1	24.38	24.47	24.37	25.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dbm)	(db)	
40	QPSK	1	1	24.53	24.39	24.42	25.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dbm)	(db)	
30	QPSK	1	1	24.37	24.49	24.28	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dbm)	(db)	
20	QPSK	1	1	24.51	24.44	24.38	25.0	0.0	
Channel				500700	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2603.15	2592.99	2682.48	(dbm)	(db)	
15	QPSK	1	1	24.41	24.49	24.38	25.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dbm)	(db)	
10	QPSK	1	1	24.41	24.49	24.42	25.0	0.0	

n48 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				638000	641666	645332			
Frequency (MHz)				3970	3624.99	3679.98			
40	PI/2 BPSK	1	1	21.04	21.14	21.06			
40	PI/2 BPSK	1	53	21.05	21.03	21.04	22.0	0.0	
40	PI/2 BPSK	1	104	21.09	21.07	21.02			
40	PI/2 BPSK	50	0	21.03	21.07	21.05	22.0	0.0	
40	PI/2 BPSK	50	28	21.07	21.10	21.09	22.0	0.0	
40	PI/2 BPSK	50	56	21.03	21.10	21.05	22.0	0.0	
40	PI/2 BPSK	100	0	21.02	21.06	21.07			
40	QPSK	1	1	21.14	21.17	21.12			
40	QPSK	1	53	21.10	21.08	21.02	22.0	0.0	
40	QPSK	1	104	21.03	21.12	21.01			
40	QPSK	50	0	21.05	21.12	21.06	22.0	0.0	
40	QPSK	50	28	21.07	21.15	20.98	22.0	0.0	
40	QPSK	50	56	21.04	21.08	21.05	22.0	0.0	
40	QPSK	100	0	21.09	21.12	21.07			
40	16QAM	1	1	21.00	21.03	21.01	22.0	0.0	
40	64QAM	1	1	20.64	20.72	20.66	21.5	0.5	
40	256QAM	1	1	18.58	18.68	18.59	19.5	2.5	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.02	3624.99	3684.99			
30	QPSK	1	1	21.03	21.13	21.06	22.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	21.11	21.08	21.09	22.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	21.02	21.10	21.05	22.0	0.0	

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	21.03	21.17	21.03			
100	PI/2 BPSK	1	137	21.08	21.10	21.01	22.0	0.0	
100	PI/2 BPSK	1	271	21.03	21.15	21.03			
100	PI/2 BPSK	135	0	21.14	21.09	21.06	22.0	0.0	
100	PI/2 BPSK	135	69	21.12	21.07	21.07	22.0	0.0	
100	PI/2 BPSK	135	138	21.13	21.16	21.09	22.0	0.0	
100	PI/2 BPSK	270	0	21.03	21.14	21.08			
100	QPSK	1	1	21.16	21.21	21.13			
100	QPSK	1	137	21.13	21.18	20.99	22.0	0.0	
100	QPSK	1	271	21.12	21.15	21.09			
100	QPSK	135	0	21.13	21.12	21.09	22.0	0.0	
100	QPSK	135	69	21.12	21.16	21.06	22.0	0.0	
100	QPSK	135	138	21.14	21.15	21.09	22.0	0.0	
100	QPSK	270	0	21.07	21.10	21.07			
100	16QAM	1	1	21.07	21.14	21.05	22.0	0.0	
100	64QAM	1	1	21.11	21.12	21.00	22.0	0.0	
100	256QAM	1	1	21.11	21.17	21.11	22.0	0.0	
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	21.04	21.09	21.11	22.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	21.05	21.16	21.00	22.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	21.03	21.14	21.07	22.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	21.11	21.13	21.04	22.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	21.11	21.10	21.09	22.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	21.14	21.12	21.07	22.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	21.03	21.15	20.99	22.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	21.03	21.10	21.09	22.0	0.0	
Channel				647168	656000	664934	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	21.02	21.12	21.05	22.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	21.05	21.16	21.01	22.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	24.06	24.03	24.02			
100	PI/2 BPSK	1	137	23.95	24.02	23.92	25.0	0.0	
100	PI/2 BPSK	1	271	24.09	24.07	24.13			
100	PI/2 BPSK	135	0	23.86	23.84	23.91	25.0	0.0	
100	PI/2 BPSK	135	69	23.84	23.86	23.87	25.0	0.0	
100	PI/2 BPSK	135	138	24.03	24.09	24.08	25.0	0.0	
100	PI/2 BPSK	270	0	24.11	24.10	24.07			
100	QPSK	1	1	24.21	24.27	24.12			
100	QPSK	1	137	23.99	24.01	24.03	25.0	0.0	
100	QPSK	1	271	24.03	24.03	24.04			
100	QPSK	135	0	23.97	23.91	23.96	25.0	0.0	
100	QPSK	135	69	24.04	24.14	24.13	25.0	0.0	
100	QPSK	135	138	23.93	24.01	23.96	25.0	0.0	
100	QPSK	270	0	24.04	24.07	24.03			
100	16QAM	1	1	23.99	24.02	24.03	25.0	0.0	
100	64QAM	1	1	23.53	23.57	23.54	24.5	0.5	
100	256QAM	1	1	21.56	21.56	21.51	22.5	2.5	
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	24.12	24.12	24.09	25.0	0.0	
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	24.04	24.05	24.10	25.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	24.02	24.11	24.07	25.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	24.05	24.12	24.11	25.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	24.08	24.13	24.12	25.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	24.06	24.09	24.08	25.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	24.09	24.09	24.05	25.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	24.07	24.08	24.05	25.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	24.03	24.02	24.04	25.0	0.0	
Channel				646834	656000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	24.06	24.10	24.03	25.0	0.0	

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Made Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	21.09					
100	PI/2 BPSK	1	137	21.06			22.0	0.0	
100	PI/2 BPSK	1	271	21.08					
100	PI/2 BPSK	135	0	20.97			22.0	0.0	
100	PI/2 BPSK	135	69	20.94			22.0	0.0	
100	PI/2 BPSK	135	138	21.12			22.0	0.0	
100	PI/2 BPSK	270	0	21.03					
100	QPSK	1	1	21.17					
100	QPSK	1	137				22.0	0.0	
100	QPSK	1	271	21.07					
100	QPSK	135	0	21.01			22.0	0.0	
100	QPSK	135	69	21.09			22.0	0.0	
100	QPSK	135	138	21.02			22.0	0.0	
100	QPSK	270	0	21.04					
100	16QAM	1	1	21.08			22.0	0.0	
100	64QAM	1	1	21.02			22.0	0.0	
100	256QAM	1	1	21.11			22.0	0.0	
Channel				633000	633332	633666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	20.96	20.98	21.03	22.0	0.0	
Channel				632668	633332	634000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	20.99	20.97	21.01	22.0	0.0	
Channel				632334	633332	634332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	20.91	20.99	20.97	22.0	0.0	
Channel				632000	633332	634666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	20.93	21.03	21.03	22.0	0.0	
Channel				631668	633332	635000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	21.01	20.98	21.09	22.0	0.0	
Channel				631334	633332	635332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	21.00	21.05	21.00	22.0	0.0	
Channel				631000	633332	635666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	21.01	21.01	21.07	22.0	0.0	
Channel				630668	633332	636000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	20.95	20.98	21.08	22.0	0.0	
Channel				630334	633332	636332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	20.98	20.98	21.09	22.0	0.0	

Part27Q n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Made Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	24.20					
100	PI/2 BPSK	1	137	23.99			25.0	0.0	
100	PI/2 BPSK	1	271	24.06					
100	PI/2 BPSK	135	0	23.89			25.0	0.0	
100	PI/2 BPSK	135	69	23.89			25.0	0.0	
100	PI/2 BPSK	135	138	23.97			25.0	0.0	
100	PI/2 BPSK	270	0	24.03					
100	QPSK	1	1	24.21					
100	QPSK	1	137	24.01			25.0	0.0	
100	QPSK	1	271	24.06					
100	QPSK	135	0	23.93			25.0	0.0	
100	QPSK	135	69	24.05			25.0	0.0	
100	QPSK	135	138	23.99			25.0	0.0	
100	QPSK	270	0	24.06					
100	16QAM	1	1	23.99			25.0	0.0	
100	64QAM	1	1	23.98			24.5	0.5	
100	256QAM	1	1	21.51			22.5	2.5	
Channel				633000	633332	633666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3495	3499.98	3504.99			
90	QPSK	1	1	24.02	24.06	23.98	25.0	0.0	
Channel				632668	633332	634000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3490.02	3499.98	3510			
80	QPSK	1	1	23.99	24.08	23.98	25.0	0.0	
Channel				632334	633332	634332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	24.06	23.98	23.98	25.0	0.0	
Channel				632000	633332	634666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3480	3499.98	3519.99			
60	QPSK	1	1	24.02	24.08	24.02	25.0	0.0	
Channel				631668	633332	635000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	23.99	24.06	23.99	25.0	0.0	
Channel				631334	633332	635332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	24.05	24.06	24.08	25.0	0.0	
Channel				631000	633332	635666		Tune-up limit (dBm) MPR	
Frequency (MHz)				3465	3499.98	3534.99			
30	QPSK	1	1	23.97	24.02	23.98	25.0	0.0	
Channel				630668	633332	636000		Tune-up limit (dBm) MPR	
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	24.04	23.99	24.04	25.0	0.0	
Channel				630334	633332	636332		Tune-up limit (dBm) MPR	
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	24.07	24.02	24.07	25.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	20.99	21.06	20.95			
100	PI/2 BPSK	1	137	21.00	21.03	20.90	22.0	0.0	
100	PI/2 BPSK	1	271	20.99	21.03	20.96			
100	PI/2 BPSK	135	0	21.04	21.03	21.00	22.0	0.0	
100	PI/2 BPSK	135	69	21.03	20.97	21.01	22.0	0.0	
100	PI/2 BPSK	135	138	21.05	21.09	21.03	22.0	0.0	
100	PI/2 BPSK	270	0	21.02	21.04	21.00			
100	QPSK	1	1	21.05	21.16	21.10			
100	QPSK	1	137	21.05	21.13	20.93	22.0	0.0	
100	QPSK	1	271	21.11	21.13	21.07			
100	QPSK	135	0	21.07	21.01	21.05	22.0	0.0	
100	QPSK	135	69	21.12	21.14	21.03	22.0	0.0	
100	QPSK	135	138	21.04	21.12	21.06	22.0	0.0	
100	QPSK	270	0	20.96	21.06	21.04			
100	16QAM	1	1	21.01	21.05	21.03	22.0	0.0	
100	64QAM	1	1	21.08	21.01	20.95	22.0	0.0	
100	256QAM	1	1	21.00	21.12	21.06	22.0	0.0	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	20.94	21.13	20.92	22.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	20.93	21.15	20.97	22.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3654.98			
70	QPSK	1	1	21.00	21.13	20.96	22.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3659.99			
60	QPSK	1	1	21.03	21.09	21.03	22.0	0.0	
Channel				638332	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3649.98			
50	QPSK	1	1	20.97	21.15	21.01	22.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3624.99			
40	QPSK	1	1	20.99	21.14	20.97	22.0	0.0	
Channel				637668	641666	645668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570.02	3624.99	3624.99			
30	QPSK	1	1	20.97	21.11	20.95	22.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3660			
20	QPSK	1	1	21.02	21.15	20.97	22.0	0.0	
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3567.52	3624.99	3652.49			
15	QPSK	1	1	20.99	21.08	20.96	22.0	0.0	
Channel				636832	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565	3624.99	3654.98			
10	QPSK	1	1	20.94	21.09	20.96	22.0	0.0	

Part270 n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	21.15			22.0	0.0	
100	PI/2 BPSK	1	137	21.16					
100	PI/2 BPSK	1	271	21.14			22.0	0.0	
100	PI/2 BPSK	135	0	21.08					
100	PI/2 BPSK	135	69	20.99			22.0	0.0	
100	PI/2 BPSK	135	138	21.06			22.0	0.0	
100	PI/2 BPSK	270	0	21.05					
100	QPSK	1	1	21.29			22.0	0.0	
100	QPSK	1	137	21.08					
100	QPSK	1	271	21.13			22.0	0.0	
100	QPSK	135	0	21.11					
100	QPSK	135	69	21.19			22.0	0.0	
100	QPSK	135	138	21.03			22.0	0.0	
100	QPSK	270	0	21.06					
100	16QAM	1	1	21.19			22.0	0.0	
100	64QAM	1	1	21.02			21.5	0.5	
100	256QAM	1	1	19.09			19.5	2.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	21.02	21.03	21.11	22.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	1	21.05	21.06	21.12	22.0	0.0	
Channel				645000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.02	21.08	21.14	22.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	1	21.04	21.09	21.21	22.0	0.0	
Channel				643334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	1	20.99	21.13	21.17	22.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.07	21.07	21.23	22.0	0.0	
Channel				641668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	1	21.06	21.09	21.18	22.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	1	21.08	21.01	21.20	22.0	0.0	
Channel				641168	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)	
15	QPSK	1	1	21.09	21.08	21.17	22.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	21.01	21.12	21.21	22.0	0.0	

Part27Q n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633332					
Frequency (MHz)				3499.98					
100	PI/2 BPSK	1	1	21.11			22.0	0.0	
100	PI/2 BPSK	1	137	21.11					
100	PI/2 BPSK	1	271	21.13			22.0	0.0	
100	PI/2 BPSK	135	0	21.07					
100	PI/2 BPSK	135	69	21.07			22.0	0.0	
100	PI/2 BPSK	135	138	21.04			22.0	0.0	
100	PI/2 BPSK	270	0	21.04					
100	QPSK	1	1	21.23			22.0	0.0	
100	QPSK	1	137	21.15					
100	QPSK	1	271	21.16			22.0	0.0	
100	QPSK	135	0	21.12					
100	QPSK	135	69	21.13			22.0	0.0	
100	QPSK	135	138	21.07			22.0	0.0	
100	QPSK	270	0	21.12					
100	16QAM	1	1	21.12			22.0	0.0	
100	64QAM	1	1	21.03			21.5	0.5	
100	256QAM	1	1	19.05			19.5	2.5	
Channel				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	21.09	21.12	21.15	22.0	0.0	
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)	
80	QPSK	1	1	21.05	21.05	21.12	22.0	0.0	
Channel				632334	633332	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)	
70	QPSK	1	1	21.02	21.09	21.14	22.0	0.0	
Channel				632000	633332	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	21.11	21.04	21.12	22.0	0.0	
Channel				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3499.98	3523	(dBm)	(dB)	
50	QPSK	1	1	21.04	21.05	21.21	22.0	0.0	
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	21.10	21.09	21.11	22.0	0.0	
Channel				631000	633332	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	21.10	21.12	21.18	22.0	0.0	
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)	
20	QPSK	1	1	21.02	21.09	21.11	22.0	0.0	
Channel				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)	
15	QPSK	1	1	21.07	21.03	21.17	22.0	0.0	
Channel				630000	633332	636666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3450	3499.98	3549.98	(dBm)	(dB)	
10	QPSK	1	1	20.99	21.03	21.15	22.0	0.0	

Part96 n78 PC3 Ant6 Default									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI/2 BPSK	1	1	21.08	21.20	21.04	22.0	0.0	
100	PI/2 BPSK	1	137	21.13	21.06	21.08			
100	PI/2 BPSK	1	271	21.10	21.17	21.12	22.0	0.0	
100	PI/2 BPSK	135	0	21.00	21.12	21.06			
100	PI/2 BPSK	135	69	20.96	21.09	21.08	22.0	0.0	
100	PI/2 BPSK	135	138	21.03	21.13	21.18	22.0	0.0	
100	PI/2 BPSK	270	0	21.13	21.11	21.11			
100	QPSK	1	1	21.15	21.22	21.21	22.0	0.0	
100	QPSK	1	137	21.18	21.10	21.14			
100	QPSK	1	271	21.11	21.17	21.12	22.0	0.0	
100	QPSK	135	0	21.10	21.07	21.07			
100	QPSK	135	69	21.10	21.15	21.03	22.0	0.0	
100	QPSK	135	138	21.05	21.07	21.05	22.0	0.0	
100	QPSK	270	0	21.09	21.13	21.10			
100	16QAM	1	1	21.03	21.13	21.04	22.0	0.0	
100	64QAM	1	1	20.86	20.96	21.04	21.5	0.5	
100	256QAM	1	1	19.00	19.14	18.82	19.5	2.5	
Channel				639668	641666	650332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3595.02	3624.99	3754.98			
90	QPSK	1	1	21.08	21.07	21.15	22.0	0.0	
Channel				639334	641666	644000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3600.01	3624.99	3660			
80	QPSK	1	1	21.07	21.07	21.07	22.0	0.0	
Channel				638900	641666	645332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3595	3624.99	3664.98			
70	QPSK	1	1	21.03	21.11	21.11	22.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3590.02	3624.99	3669.99			
60	QPSK	1	1	21.01	21.05	21.20	22.0	0.0	
Channel				638332	641666	645332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3679.01	3624.98	3678			
50	QPSK	1	1	21.08	21.01	21.18	22.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3670	3624.99	3679.98			
40	QPSK	1	1	21.02	21.01	21.16	22.0	0.0	
Channel				637668	641666	645866	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3662.99	3624.99	3659.99			
30	QPSK	1	1	21.07	21.10	21.16	22.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	20.99	21.04	21.15	22.0	0.0	
Channel				637000	641666	638166	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3457.5	3624.99	3542.49			
15	QPSK	1	1	21.01	21.06	21.22	22.0	0.0	
Channel				636334	641666	650332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3455.01	3624.99	3544.98			
10	QPSK	1	1	21.01	21.08	21.15	22.0	0.0	

n38 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2594.94			
40	Pi/2 BPSK	1	1	23.27	23.32	23.13			
40	Pi/2 BPSK	1	53	23.23	23.29	23.12	24.0	0.0	
40	Pi/2 BPSK	1	104	23.10	23.31	23.19			
40	Pi/2 BPSK	50	0	23.27	23.31	23.27	23.5	0.5	
40	Pi/2 BPSK	50	28	23.05	23.26	23.23	24.0	0.0	
40	Pi/2 BPSK	50	56	23.15	23.24	23.27	23.5	0.5	
40	Pi/2 BPSK	100	0	23.08	23.28	23.29			
40	QPSK	1	1	23.33	23.34	23.22			
40	QPSK	1	53	23.22	23.32	23.23	24.0	0.0	
40	QPSK	1	104	23.10	23.33	23.32			
40	QPSK	50	0	22.83	22.84	22.72	23.0	1.0	
40	QPSK	50	28	23.24	23.32	23.26	24.0	0.0	
40	QPSK	50	56	22.81	22.86	22.53	23.0	1.0	
40	QPSK	100	0	22.64	22.71	22.55			
40	16QAM	1	1	22.75	22.85	22.74	23.0	1.0	
40	64QAM	1	1	21.22	21.32	21.22	21.5	2.5	
40	256QAM	1	1	19.13	19.32	19.24	19.5	4.5	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2583.01	2595	2604.99	(dB)		
30	QPSK	1	1	23.28	23.25	23.08	24.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2580	2595	2610	(dB)		
20	QPSK	1	1	23.19	23.27	23.10	24.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2577.51	2595	2612.49	(dB)		
15	QPSK	1	1	23.14	23.19	23.10	24.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2575.02	2595	2614.98	(dB)		
10	QPSK	1	1	23.22	23.16	23.04	24.0	0.0	

n41 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2562.99	2540			
100	Pi/2 BPSK	1	1	22.98	23.13	23.11			
100	Pi/2 BPSK	1	137	23.14	23.21	23.24	24.0	0.0	
100	Pi/2 BPSK	1	271	23.26	23.30	23.19			
100	Pi/2 BPSK	135	0	22.91	23.16	23.19	24.0	0.0	
100	Pi/2 BPSK	135	69	23.02	23.13	22.95	24.0	0.0	
100	Pi/2 BPSK	135	138	23.20	23.21	23.04	24.0	0.0	
100	Pi/2 BPSK	270	0	23.16	23.23	23.03			
100	QPSK	1	1	23.31	23.36	23.22			
100	QPSK	1	137	23.16	23.23	23.12	24.0	0.0	
100	QPSK	1	271	23.14	23.33	23.28			
100	QPSK	135	0	23.15	23.19	23.05	24.0	0.0	
100	QPSK	135	69	23.16	23.34	23.10	24.0	0.0	
100	QPSK	135	138	23.19	23.31	23.16			
100	QPSK	270	0	23.28	23.31	23.23	24.0	0.0	
100	16QAM	1	1	23.11	23.32	23.16	24.0	0.0	
100	64QAM	1	1	23.29	23.33	23.24	24.0	0.0	
100	256QAM	1	1	22.36	22.34	22.37	22.5	1.5	
Channel				506200	518598	528998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2562.99	2544.99	(dB)		
90	QPSK	1	1	23.16	23.29	23.17	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dB)		
80	QPSK	1	1	23.25	23.26	23.16	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2595	(dB)		
70	QPSK	1	1	23.19	23.32	23.08	24.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.99	(dB)		
60	QPSK	1	1	23.17	23.23	23.12	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dB)		
50	QPSK	1	1	23.13	23.24	23.08	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dB)		
40	QPSK	1	1	23.25	23.26	23.05	24.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dB)		
30	QPSK	1	1	23.22	23.24	23.18	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dB)		
20	QPSK	1	1	23.19	23.29	23.10	24.0	0.0	
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dB)		
15	QPSK	1	1	23.21	23.31	23.12	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dB)		
10	QPSK	1	1	23.16	23.19	23.17	24.0	0.0	

n41 PC2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000			
Frequency (MHz)				2546.01	2562.99	2540			
100	Pi/2 BPSK	1	1	26.02	26.28	26.01			
100	Pi/2 BPSK	1	137	26.00	26.17	26.01	27.0	0.0	
100	Pi/2 BPSK	1	271	26.06	26.20	26.21			
100	Pi/2 BPSK	135	0	26.08	26.06	25.89	26.5	0.5	
100	Pi/2 BPSK	135	69	25.95	26.13	26.17	27.0	0.0	
100	Pi/2 BPSK	135	138	26.23	26.24	26.06	26.5	0.5	
100	Pi/2 BPSK	270	0	26.02	26.20	26.15			
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15	27.0	0.0	
100	QPSK	1	271	26.20	26.23	26.15			
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0	
100	QPSK	135	69	26.09	26.29	26.22	27.0	0.0	
100	QPSK	135	138	25.54	25.72	25.49			
100	QPSK	270	0	25.32	25.54	25.32	26.0	1.0	
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0	
100	64QAM	1	1	22.94	22.92	22.86	24.5	2.5	
100	256QAM	1	1	21.72	21.77	21.65	22.5	4.5	
Channel				508200	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dB)		
90	QPSK	1	1	26.01	26.21	26.01	27.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dB)		
80	QPSK	1	1	26.16	26.19	26.03	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2531.01	2592.99	2605	(dB)		
70	QPSK	1	1	26.10	26.19	26.09	27.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dB)		
60	QPSK	1	1	26.02	26.27	26.12	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dB)		

Part270 n77 Ant2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3840	3960				
Frequency (MHz)				18.33	18.43	18.22				
100	PI/2 BPSK	1	1	18.33	18.43	18.22				
100	PI/2 BPSK	1	137	18.28	18.47	18.31	20.0	0.0		
100	PI/2 BPSK	1	271	18.08	18.18	18.09				
100	PI/2 BPSK	135	0	18.21	18.44	18.44	20.0	0.0		
100	PI/2 BPSK	135	69	18.36	18.46	18.27	20.0	0.0		
100	PI/2 BPSK	135	138	18.19	18.35	18.17	20.0	0.0		
100	PI/2 BPSK	270	0	18.26	18.27	18.09				
100	QPSK	1	1	18.43	18.58	18.38				
100	QPSK	1	137	18.48	18.44	18.44	20.0	0.0		
100	QPSK	1	271	18.06	18.28	18.22				
100	QPSK	135	0	18.18	18.25	18.06	20.0	0.0		
100	QPSK	135	69	18.49	18.55	18.53	20.0	0.0		
100	QPSK	135	138	18.26	18.39	18.15				
100	QPSK	270	0	18.19	18.33	18.24	20.0	0.0		
100	16QAM	1	1	18.25	18.21	18.17	20.0	0.0		
100	64QAM	1	1	18.03	18.16	18.05	20.0	0.0		
100	256QAM	1	1	17.04	17.15	17.16	18.5	1.5		
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3743.02	3840	3923.01	(dBm)	(dB)		
90	QPSK	1	1	18.27	18.52	18.31	20.0	0.0		
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)		
80	QPSK	1	1	18.36	18.49	18.29	20.0	0.0		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3765	3840	3943	(dBm)	(dB)		
70	QPSK	1	1	18.30	18.40	18.23	20.0	0.0		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)		
60	QPSK	1	1	18.24	18.54	18.24	20.0	0.0		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3953.02	(dBm)	(dB)		
50	QPSK	1	1	18.24	18.50	18.29	20.0	0.0		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)		
40	QPSK	1	1	18.29	18.52	18.35	20.0	0.0		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)		
30	QPSK	1	1	18.25	18.50	18.28	20.0	0.0		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)		
20	QPSK	1	1	18.33	18.49	18.24	20.0	0.0		
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)		
15	QPSK	1	1	18.26	18.48	18.29	20.0	0.0		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)		
10	QPSK	1	1	18.27	18.44	18.23	20.0	0.0		

Part270 n77 PC2 Ant2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 656000	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)		
Channel				3720	3840	3960				
Frequency (MHz)				18.33	18.43	18.22				
100	PI/2 BPSK	1	1	21.28	21.32	21.21				
100	PI/2 BPSK	1	137	21.46	21.44	21.29	23.0	0.0		
100	PI/2 BPSK	1	271	21.53	21.75	21.62				
100	PI/2 BPSK	135	0	20.63	20.86	20.87	22.5	0.5		
100	PI/2 BPSK	135	69	21.19	21.35	21.16	23.0	0.0		
100	PI/2 BPSK	135	138	20.99	21.04	20.96	22.5	0.5		
100	PI/2 BPSK	270	0	20.89	20.94	20.87				
100	QPSK	1	1	21.81	21.85	21.70				
100	QPSK	1	137	21.40	21.47	21.42	23.0	0.0		
100	QPSK	1	271	21.62	21.78	21.58				
100	QPSK	135	0	20.08	20.30	20.08	22.0	1.0		
100	QPSK	135	69	21.57	21.72	21.52	23.0	0.0		
100	QPSK	135	138	20.22	20.43	20.35				
100	QPSK	270	0	20.49	20.64	20.47	22.0	1.0		
100	16QAM	1	1	20.36	20.44	20.35	22.0	1.0		
100	64QAM	1	1	18.87	18.89	18.79	20.5	2.5		
100	256QAM	1	1	16.89	16.89	16.92	18.5	4.5		
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3743.02	3840	3923.01	(dBm)	(dB)		
90	QPSK	1	1	21.76	21.68	21.65	23.0	0.0		
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)		
80	QPSK	1	1	21.62	21.70	21.55	23.0	0.0		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3765	3840	3943	(dBm)	(dB)		
70	QPSK	1	1	21.69	21.80	21.56	23.0	0.0		
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)		
60	QPSK	1	1	21.72	21.66	21.65	23.0	0.0		
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3725.01	3840	3953.02	(dBm)	(dB)		
50	QPSK	1	1	21.62	21.72	21.52	23.0	0.0		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)		
40	QPSK	1	1	21.70	21.79	21.61	23.0	0.0		
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3715.02	3840	3955.01	(dBm)	(dB)		
30	QPSK	1	1	21.73	21.76	21.54	23.0	0.0		
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)		
20	QPSK	1	1	21.61	21.74	21.52	23.0	0.0		
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)		
15	QPSK	1	1	21.76	21.69	21.64	23.0	0.0		
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)		
10	QPSK	1	1	21.69	21.73	21.56	23.0	0.0		

Part27Q n77 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633332	633666			
Frequency (MHz)				3489.98					
100	PI/2 BPSK	1	1	18.32					
100	PI/2 BPSK	1	137	18.26			20.0	0.0	
100	PI/2 BPSK	1	271	18.05					
100	PI/2 BPSK	135	0	18.43			20.0	0.0	
100	PI/2 BPSK	135	69	18.36			20.0	0.0	
100	PI/2 BPSK	135	138	18.25			20.0	0.0	
100	PI/2 BPSK	270	0	18.21					
100	QPSK	1	1	18.54					
100	QPSK	1	137	18.38			20.0	0.0	
100	QPSK	1	271	18.19					
100	QPSK	135	0	18.11			20.0	0.0	
100	QPSK	135	69	18.52			20.0	0.0	
100	QPSK	135	138	18.36			20.0	0.0	
100	QPSK	270	0	18.38					
100	16QAM	1	1	18.23			20.0	0.0	
100	56QAM	1	1	18.19			20.0	0.0	
100	256QAM	1	1	17.06			18.5	1.5	
Channel				633000	633332	633666			
Frequency (MHz)				3489.98	3499.98	3504.98			
90	QPSK	1	1	18.35	18.43	18.45	20.0	0.0	
Channel				632000	633332	634666			
Frequency (MHz)				3490.98	3499.98	3510			
80	QPSK	1	1	18.46	18.48	18.48	20.0	0.0	
Channel				632334	633332	634332			
Frequency (MHz)				3485.01	3499.98	3514.98			
70	QPSK	1	1	18.46	18.46	18.37	20.0	0.0	
Channel				632000	633332	634666			
Frequency (MHz)				3480.98	3499.98	3519.98			
60	QPSK	1	1	18.36	18.37	18.42	20.0	0.0	
Channel				631668	633332	635000			
Frequency (MHz)				3475.02	3499.98	3525			
50	QPSK	1	1	18.39	18.40	18.36	20.0	0.0	
Channel				631334	633332	635332			
Frequency (MHz)				3470.01	3499.98	3529.98			
40	QPSK	1	1	18.39	18.39	18.46	20.0	0.0	
Channel				631000	633332	635666			
Frequency (MHz)				3465.98	3499.98	3534.99			
30	QPSK	1	1	18.46	18.35	18.43	20.0	0.0	
Channel				630668	633332	636000			
Frequency (MHz)				3460.02	3499.98	3540			
20	QPSK	1	1	18.38	18.44	18.47	20.0	0.0	
Channel				630500	633332	636166			
Frequency (MHz)				3457.5	3499.98	3542.49			
15	QPSK	1	1	18.43	18.40	18.43	20.0	0.0	
Channel				630334	633332	636332			
Frequency (MHz)				3455.01	3499.98	3544.98			
10	QPSK	1	1	18.34	18.41	18.49	20.0	0.0	

Part27Q n77 PC2 Ant2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				633332			23.0	0.0				
Frequency (MHz)				3499.98								
100	Pi/2 BPSK	1	1	21.30								
100	Pi/2 BPSK	1	137	21.47								
100	Pi/2 BPSK	1	271	21.48			22.5	0.5				
100	Pi/2 BPSK	135	0	20.95								
100	Pi/2 BPSK	135	69	21.41								
100	Pi/2 BPSK	135	138	20.89								
100	Pi/2 BPSK	270	0	20.86			22.5	0.5				
100	QPSK	1	1	21.79								
100	QPSK	1	137	21.54								
100	QPSK	1	271	21.47								
100	QPSK	135	0	21.18			22.0	1.0				
100	QPSK	135	69	21.46								
100	QPSK	135	138	20.38								
100	QPSK	270	0	20.43								
100	16QAM	1	1	20.46			22.0	1.0				
100	64QAM	1	1	18.89								
100	256QAM	1	1	16.65								
Channel				633000	633332	633666	Tune-up limit	MPR				
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)				
90	QPSK	1	1	21.75	21.69	21.72	23.0	0.0				
Channel				632668	633332	634000	Tune-up limit	MPR				
Frequency (MHz)				3490.02	3499.98	3510	(dBm)	(dB)				
80	QPSK	1	1	21.72	21.63	21.73	23.0	0.0				
Channel				632334	633332	634332	Tune-up limit	MPR				
Frequency (MHz)				3485.01	3499.98	3514.98	(dBm)	(dB)				
70	QPSK	1	1	21.60	21.69	21.70	23.0	0.0				
Channel				632000	633332	634668	Tune-up limit	MPR				
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)				
60	QPSK	1	1	21.72	21.75	21.63	23.0	0.0				
Channel				631668	633332	635000	Tune-up limit	MPR				
Frequency (MHz)				3475.02	3499.98	3525	(dBm)	(dB)				
50	QPSK	1	1	21.74	21.68	21.68	23.0	0.0				
Channel				631334	633332	635332	Tune-up limit	MPR				
Frequency (MHz)				3470.01	3499.98	3529.98	(dBm)	(dB)				
40	QPSK	1	1	21.62	21.62	21.64	23.0	0.0				
Channel				631000	633332	635666	Tune-up limit	MPR				
Frequency (MHz)				3465	3499.98	3531.98	(dBm)	(dB)				
30	QPSK	1	1	21.72	21.63	21.70	23.0	0.0				
Channel				630668	633332	636000	Tune-up limit	MPR				
Frequency (MHz)				3460.02	3499.98	3540	(dBm)	(dB)				
20	QPSK	1	1	21.60	21.63	21.61	23.0	0.0				
Channel				630500	633332	636166	Tune-up limit	MPR				
Frequency (MHz)				3457.5	3499.98	3542.49	(dBm)	(dB)				
15	QPSK	1	1	21.60	21.62	21.72	23.0	0.0				
Channel				630334	633332	636332	Tune-up limit	MPR				
Frequency (MHz)				3455.01	3499.98	3544.98	(dBm)	(dB)				
10	QPSK	1	1	21.60	21.69	21.63	23.0	0.0				

Part96 n77 Ant2 Default												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				640000	641668	643332	20.0	0.0				
Frequency (MHz)				3600	3624.99	3649.98						
100	Pi/2 BPSK	1	1	18.23	18.30	18.18				20.0	0.0	
100	Pi/2 BPSK	1	137	18.07	18.21	18.15						
100	Pi/2 BPSK	1	271	17.81	18.28	17.74						
100	Pi/2 BPSK	135	0	18.20	18.29	18.10	20.0	0.0				
100	Pi/2 BPSK	135	69	18.14	18.27	18.10	20.0	0.0				
100	Pi/2 BPSK	135	138	17.93	18.04	17.98	20.0	0.0				
100	Pi/2 BPSK	270	0	18.24	18.28	18.26	20.0	0.0				
100	QPSK	1	1	18.42	18.47	18.41						
100	QPSK	1	137	18.29	18.38	18.35						
100	QPSK	1	271	17.94	18.07	18.03						
100	QPSK	135	0	17.69	17.81	17.66	20.0	0.0				
100	QPSK	135	69	18.38	18.43	18.40	20.0	0.0				
100	QPSK	135	138	18.19	18.22	18.15	20.0	0.0				
100	QPSK	270	0	18.25	18.36	18.21						
100	16QAM	1	1	17.78	17.88	17.82						
100	64QAM	1	1	17.98	18.09	17.91	20.0	0.0				
100	256QAM	1	1	16.90	16.94	16.83	18.5	1.5				
Channel				636668	641668	643668	Tune-up limit	MPR				
Frequency (MHz)				3595.02	3524.99	3554.99	(dBm)	(dB)				
90	QPSK	1	1	18.39	18.38	18.40	20.0	0.0				
Channel				636334	641668	644000	Tune-up limit	MPR				
Frequency (MHz)				3590.01	3524.99	3560	(dBm)	(dB)				
80	QPSK	1	1	18.41	18.29	18.35	20.0	0.0				
Channel				636000	641668	644332	Tune-up limit	MPR				
Frequency (MHz)				3585	3524.99	3563.98	(dBm)	(dB)				
70	QPSK	1	1	18.42	18.43	18.33	20.0	0.0				
Channel				635668	641668	644668	Tune-up limit	MPR				
Frequency (MHz)				3580.02	3524.99	3569.99	(dBm)	(dB)				
60	QPSK	1	1	18.36	18.32	18.43	20.0	0.0				
Channel				635334	641668	645000	Tune-up limit	MPR				
Frequency (MHz)				3575.01	3524.99	3575	(dBm)	(dB)				
50	QPSK	1	1	18.37	18.37	18.45	20.0	0.0				
Channel				635000	641668	645332	Tune-up limit	MPR				
Frequency (MHz)				3570	3524.99	3574.99	(dBm)	(dB)				
40	QPSK	1	1	18.35	18.35	18.44	20.0	0.0				
Channel				637668	641668	645668	Tune-up limit	MPR				
Frequency (MHz)				3565.02	3524.99	3584.99	(dBm)	(dB)				
30	QPSK	1	1	18.31	18.30	18.35	20.0	0.0				
Channel				637334	641668	646000	Tune-up limit	MPR				
Frequency (MHz)				3560.01	3524.99	3590	(dBm)	(dB)				
20	QPSK	1	1	18.37	18.38	18.43	20.0	0.0				
Channel				637168	641668	646168	Tune-up limit	MPR				
Frequency (MHz)				3557.52	3524.99	3592.49	(dBm)	(dB)				
15	QPSK	1	1	18.30	18.36	18.42	20.0	0.0				
Channel				637000	641668	646332	Tune-up limit	MPR				
Frequency (MHz)				3555	3524.99	3594.98	(dBm)	(dB)				
10	QPSK	1	1	18.42	18.40	18.38	20.0	0.0				

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	22.66	22.87	22.75		
100	Pi2 BPSK	1	137	22.49	22.63	22.48	24.0	0.0
100	Pi2 BPSK	1	271	22.63	22.61	22.40		
100	Pi2 BPSK	135	0	22.66	22.76	22.67	24.0	0.0
100	Pi2 BPSK	135	69	22.38	22.58	22.59	24.0	0.0
100	Pi2 BPSK	135	136	22.36	22.55	22.54		
100	Pi2 BPSK	270	0	22.57	22.75	22.55	24.0	0.0
100	QPSK	1	1	22.84	22.93	22.73		
100	QPSK	1	137	22.64	22.71	22.52	24.0	0.0
100	QPSK	1	271	22.44	22.69	22.45		
100	QPSK	135	0	22.73	22.76	22.73	24.0	0.0
100	QPSK	135	69	22.87	22.89	22.81	24.0	0.0
100	QPSK	135	136	22.58	22.60	22.49		
100	QPSK	270	0	22.72	22.83	22.79	24.0	0.0
100	16QAM	1	1	22.76	22.89	22.79	24.0	0.0
100	16QAM	1	1	22.69	22.92	22.86	24.0	0.0
100	256QAM	1	1	21.26	21.47	21.36	22.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.41	25.92.95	25.44.98		
90	QPSK	1	1	22.67	22.84	22.63	24.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.74	22.76	22.65	24.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.72	22.76	22.69	24.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.65	22.81	22.58	24.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.75	22.86	22.59	24.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.72	22.85	22.59	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.78	22.81	22.55	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.69	22.82	22.59	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.77	22.87	22.58	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.76	22.87	22.55	24.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	25.70	25.71	25.67		
100	Pi2 BPSK	1	137	25.35	25.52	25.48		
100	Pi2 BPSK	1	271	25.25	25.44	25.41	27.0	0.0
100	Pi2 BPSK	135	0	24.97	25.06	25.10	26.5	0.5
100	Pi2 BPSK	135	69	25.31	25.49	25.50	27.0	0.0
100	Pi2 BPSK	135	136	24.87	24.97	24.77	26.5	0.5
100	Pi2 BPSK	270	0	24.86	25.05	24.84		
100	QPSK	1	1	25.70	25.81	25.53		
100	QPSK	1	137	25.60	25.66	25.70	27.0	0.0
100	QPSK	1	271	25.26	25.44	25.36		
100	QPSK	135	0	24.47	24.53	24.53	26.0	1.0
100	QPSK	135	69	25.60	25.79	25.66	27.0	0.0
100	QPSK	135	136	24.39	24.43	24.29		
100	QPSK	270	0	24.70	24.73	24.62	26.0	1.0
100	16QAM	1	1	24.83	24.83	24.71	26.0	1.0
100	16QAM	1	1	23.25	23.24	23.22	24.5	2.5
100	256QAM	1	1	20.82	20.99	20.90	22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.73	25.61	25.37	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.60	25.76	25.34	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.66	25.77	25.36	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.63	25.68	25.35	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.64	25.69	25.39	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.59	25.75	25.45	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.70	25.75	25.42	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.69	25.64	25.44	27.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.64	25.72	25.48	27.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.58	25.62	25.40	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	19.26	19.26	19.17		
100	Pi2 BPSK	1	137	19.99	19.09	19.08	20.0	0.0
100	Pi2 BPSK	1	271	19.26	19.26	19.08		
100	Pi2 BPSK	135	0	19.00	19.15	19.16	20.0	0.0
100	Pi2 BPSK	135	69	19.04	19.01	19.04	20.0	0.0
100	Pi2 BPSK	135	136	18.88	18.03	18.88	20.0	0.0
100	Pi2 BPSK	270	0	19.13	19.08	18.86		
100	QPSK	1	1	19.19	19.37	19.26		
100	QPSK	1	137	19.89	19.12	19.93	20.0	0.0
100	QPSK	1	271	19.10	19.36	19.23		
100	QPSK	135	0	19.10	19.19	19.23	20.0	0.0
100	QPSK	135	69	19.26	19.34	19.19	20.0	0.0
100	QPSK	135	136	19.92	19.04	19.04	20.0	0.0
100	QPSK	270	0	19.06	19.27	19.26	20.0	0.0
100	16QAM	1	1	19.11	19.34	19.23	20.0	0.0
100	256QAM	1	1	18.77	18.74	18.71	20.0	0.0
100	256QAM	1	1	16.95	17.19	17.15	18.5	1.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	19.00	19.29	19.07	20.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	19.01	19.25	19.20	20.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	18.99	19.17	19.20	20.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	19.04	19.18	19.15	20.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	19.00	19.32	19.15	20.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.99	19.32	19.10	20.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	19.02	19.24	19.18	20.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	19.14	19.19	19.14	20.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	19.14	19.19	19.09	20.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	19.00	19.17	19.11	20.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				633332					
100	P12 BPSK	1	1		17.84				
100	P12 BPSK	1	137		17.98		19.0	0.0	
100	P12 BPSK	1	271		18.14				
100	P12 BPSK	135	0		17.98		19.0	0.0	
100	P12 BPSK	135	69		18.02		19.0	0.0	
100	P12 BPSK	135	138		18.12		19.0	0.0	
100	P12 BPSK	270	0		18.10				
100	QPSK	1	1		18.34				
100	QPSK	1	137		18.08		19.0	0.0	
100	QPSK	1	271		18.29				
100	QPSK	135	0		18.04		19.0	0.0	
100	QPSK	135	69		18.31		19.0	0.0	
100	QPSK	135	138		18.15		19.0	0.0	
100	QPSK	270	0		18.26				
100	16QAM	1	1		18.11		19.0	0.0	
100	64QAM	1	1		18.96		17.5	1.5	
100	256QAM	1	1		15.49		16.0	3.0	
Channel Frequency (MHz)				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	3405	3499.98	3505.02	19.0	0.0	
Channel Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	3490.02	3499.98	3510	19.0	0.0	
Channel Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	18.16	18.29	18.29	19.0	0.0	
Channel Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.30	18.14	18.29	19.0	0.0	
Channel Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.22	18.23	18.23	19.0	0.0	
Channel Frequency (MHz)				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.16	18.30	18.17	19.0	0.0	
Channel Frequency (MHz)				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.29	18.24	18.28	19.0	0.0	
Channel Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.21	18.30	18.16	19.0	0.0	
Channel Frequency (MHz)				630300	633332	636168	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.25	18.19	18.26	19.0	0.0	
Channel Frequency (MHz)				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.27	18.15	18.25	19.0	0.0	

Part27Q n77 PC2 Ant5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel Frequency (MHz)				633332					
100	P12 BPSK	1	1		20.84				
100	P12 BPSK	1	137		20.83		22.0	0.0	
100	P12 BPSK	1	271		21.13				
100	P12 BPSK	135	0		20.34		21.5	0.5	
100	P12 BPSK	135	69		20.89		22.0	0.0	
100	P12 BPSK	135	138		20.52		21.5	0.5	
100	P12 BPSK	270	0		20.39				
100	QPSK	1	1		21.24				
100	QPSK	1	137		20.89		22.0	0.0	
100	QPSK	1	271		21.21				
100	QPSK	135	0		19.82		21.0	1.0	
100	QPSK	135	69		21.16		22.0	0.0	
100	QPSK	135	138		19.97		21.0	1.0	
100	QPSK	270	0		20.09				
100	16QAM	1	1		19.95		21.0	1.0	
100	64QAM	1	1		18.40		19.5	2.5	
100	256QAM	1	1		16.34		17.5	4.5	
Channel Frequency (MHz)				633000	633332	633668	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	3405	3499.98	3505.02	22.0	0.0	
Channel Frequency (MHz)				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	3490.02	3499.98	3510	22.0	0.0	
Channel Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	
Channel Frequency (MHz)				632000	633332	634668	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.09	21.05	21.14	22.0	0.0	
Channel Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	21.09	21.11	21.07	22.0	0.0	
Channel Frequency (MHz)				631334	633332	635334	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	21.05	21.16	21.17	22.0	0.0	
Channel Frequency (MHz)				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	21.06	21.17	21.19	22.0	0.0	
Channel Frequency (MHz)				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	21.16	21.05	21.05	22.0	0.0	
Channel Frequency (MHz)				630300	633332	636168	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	21.18	21.15	21.17	22.0	0.0	
Channel Frequency (MHz)				630334	633332	636334	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.07	21.11	21.19	22.0	0.0	

Part96 n77 Ant2 Default									
BW (MHz)	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)				640000	641668	643332			
100	P12 BPSK	1	1		3600	3624.99			
100	P12 BPSK	1	137		18.80	18.82	18.88		
100	P12 BPSK	1	137		18.73	18.90	18.88	20.0	0.0
100	P12 BPSK	1	271		18.99	19.07	19.01		
100	P12 BPSK	135	0		18.59	18.07	18.81	20.0	0.0
100	P12 BPSK	135	69		18.49	18.61	18.58	20.0	0.0
100	P12 BPSK	135	138		18.52	18.67	18.50	20.0	0.0
100	P12 BPSK	270	0		18.89	18.86	18.83		
100	QPSK	1	1		19.00	19.12	19.07		
100	QPSK	1	137		18.51	18.69	18.54	20.0	0.0
100	QPSK	1	271		18.99	19.10	18.95		
100	QPSK	135	0		18.77	18.84	18.78	20.0	0.0
100	QPSK	135	69		19.04	18.06	19.02	20.0	0.0
100	QPSK	135	138		18.68	18.85	18.70	20.0	0.0
100	QPSK	270	0		18.90	19.03	18.85		
100	16QAM	1	1		18.95	19.02	18.84	20.0	0.0
100	64QAM	1	1		18.09	18.25	18.13	20.0	0.0
100	256QAM	1	1		17.20	17.38	17.23	18.5	1.5
Channel Frequency (MHz)				636668	641668	646668	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	3555.02	3624.99	3654.99	20.0	0.0	
Channel Frequency (MHz)				636334	641668	646334	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	3590.01	3624.99	3660	20.0	0.0	
Channel Frequency (MHz)				636000	641668	646000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	19.08	19.02	19.01	20.0	0.0	
Channel Frequency (MHz)				636668	641668	646668	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	19.08	19.02	19.04	20.0	0.0	
Channel Frequency (MHz)				636334	641668	646334	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	19.04	19.01	18.95	20.0	0.0	
Channel Frequency (MHz)				636000	641668	646000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	19.05	19.07	19.10	20.0	0.0	
Channel Frequency (MHz)				635668	641668	645668	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.05	19.09	18.96	20.0	0.0	
Channel Frequency (MHz)				635334	641668	645334	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	19.06	18.95	19.00	20.0	0.0	
Channel Frequency (MHz)				635000	641668	645000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.09	19.06	19.02	20.0	0.0	
Channel Frequency (MHz)				634668	641668	644668	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.10	18.95	18.97	20.0	0.0	

n41 Ant7									
BW [MHz]	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)				2540.01	2592.99	2640			
100	Plv2 BPSK	1	1	23.89	23.87	23.69	25.0	0.0	
100	Plv2 BPSK	1	137	23.72	23.72	23.74			
100	Plv2 BPSK	1	271	23.54	23.75	23.54			
100	Plv2 BPSK	135	0	23.71	23.82	23.78	25.0	0.0	
100	Plv2 BPSK	135	69	23.52	23.72	23.62	25.0	0.0	
100	Plv2 BPSK	135	135	23.65	23.65	23.41	25.0	0.0	
100	Plv2 BPSK	270	0	23.83	23.81	23.84	25.0	0.0	
100	QPSK	1	1	23.94	23.96	23.81			
100	QPSK	1	137	23.77	23.81	23.56			
100	QPSK	1	271	23.82	23.82	23.64	25.0	0.0	
100	QPSK	135	0	23.72	23.85	23.81			
100	QPSK	135	69	23.66	23.91	23.68			
100	QPSK	135	135	23.58	23.72	23.81	25.0	0.0	
100	QPSK	270	0	23.55	23.64	23.77	25.0	0.0	
100	16QAM	1	1	23.79	23.85	23.79			
100	64QAM	1	1	23.65	23.78	23.76			
100	256QAM	1	1	22.36	22.41	22.39	23.5	1.5	
Channel									
Frequency (MHz)				506000	516968	526968	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	23.81	23.89	23.72	25.0	0.0	
Channel									
Frequency (MHz)				507204	518598	528598	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	23.90	23.91	23.602	25.0	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	23.77	23.92	23.63	25.0	0.0	
Channel									
Frequency (MHz)				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	23.78	23.91	23.61	25.0	0.0	
Channel									
Frequency (MHz)				2521.02	2592.99	2644.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	23.79	23.81	23.71	25.0	0.0	
Channel									
Frequency (MHz)				503202	518598	534998	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.80	23.82	23.77	25.0	0.0	
Channel									
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	23.79	23.81	23.76	25.0	0.0	
Channel									
Frequency (MHz)				501004	518598	536998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	23.62	23.82	23.78	25.0	0.0	
Channel									
Frequency (MHz)				500200	518598	537000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.88	23.77	23.76	25.0	0.0	
Channel									
Frequency (MHz)				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	23.85	23.80	23.64	25.0	0.0	

n41 PC2 Ant7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
	Frequency (MHz)			2540.01	2592.99	2640			
100	Plv2 BPSK	1	1	26.59	26.84	26.66	28.0	0.0	
100	Plv2 BPSK	1	137	26.53	26.71	26.49			
100	Plv2 BPSK	1	271	26.52	26.69	26.70			
100	Plv2 BPSK	135	0	26.64	26.75	26.73	27.5	0.5	
100	Plv2 BPSK	135	69	26.67	26.67	26.47	28.0	0.0	
100	Plv2 BPSK	135	135	26.62	26.62	26.62	27.5	0.5	
100	Plv2 BPSK	270	0	26.64	26.77	26.56	28.0	0.0	
100	QPSK	1	1	26.92	26.97	26.85			
100	QPSK	1	137	26.71	26.74	26.47			
100	QPSK	1	271	26.58	26.71	26.64	27.0	1.0	
100	QPSK	135	0	26.62	26.69	26.51			
100	QPSK	135	69	26.89	26.91	26.85			
100	QPSK	135	135	26.58	26.42	26.24	27.0	1.0	
100	QPSK	270	0	25.56	25.59	25.52	27.0	1.0	
100	16QAM	1	1	25.49	25.55	25.56	27.0	1.0	
100	64QAM	1	1	24.01	24.19	24.02	25.5	2.5	
100	256QAM	1	1	22.45	22.51	22.26	23.5	4.5	
Channel									
	Frequency (MHz)			506200	518598	536998	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	26.84	26.77	26.66	28.0	0.0	
Channel									
	Frequency (MHz)			507204	518598	536998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	26.73	26.81	26.76	28.0	0.0	
Channel									
	Frequency (MHz)			506202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	26.72	26.79	26.72	28.0	0.0	
Channel									
	Frequency (MHz)			505200	518598	537199	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	26.76	26.85	26.72	28.0	0.0	
Channel									
	Frequency (MHz)			504204	518598	536998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	26.82	26.83	26.78	28.0	0.0	
Channel									
	Frequency (MHz)			503202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	26.86	26.86	26.72	28.0	0.0	
Channel									
	Frequency (MHz)			502200	518598	536998	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	26.83	26.77	26.70	28.0	0.0	
Channel									
	Frequency (MHz)			501204	518598	536998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	26.81	26.83	26.75	28.0	0.0	
Channel									
	Frequency (MHz)			500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	26.79	26.77	26.76	28.0	0.0	
Channel									
	Frequency (MHz)			500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	26.75	26.75	26.69	28.0	0.0	

Part270 n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	3840	3930			
100	Plv2 BPSK	1	1	22.50	22.73	22.64	24.0		
100	Plv2 BPSK	1	137	22.52	22.56	22.47			
100	Plv2 BPSK	1	271	22.49	22.61	22.56			
100	Plv2 BPSK	135	0	22.55	22.64	22.39	24.0	0.0	
100	Plv2 BPSK	135	69	22.53	22.49	22.52	24.0	0.0	
100	Plv2 BPSK	135	135	22.28	22.48	22.45	24.0	0.0	
100	Plv2 BPSK	270	0	22.53	22.56	22.33	24.0		
100	QPSK	1	1	22.75	22.76	22.69			
100	QPSK	1	137	22.41	22.63	22.43			
100	QPSK	1	271	22.60	22.68	22.51	24.0		
100	QPSK	135	0	22.67	22.64	22.40			
100	QPSK	135	69	22.55	22.68	22.49			
100	QPSK	135	135	22.17	22.24	22.01	24.0	0.0	
100	QPSK	270	0	22.60	22.63	22.56	24.0		
100	16QAM	1	1	22.59	22.67	22.45			
100	64QAM	1	1	21.14	21.18	20.97	22.5	1.5	
100	256QAM	1	1	19.50	19.61	19.02	21.0	3.0	
Channel									
Frequency (MHz)				36666	65000	66334	Tune-up limit (dBm)		
90	QPSK	1	1	3743.02	3840	3933.01	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				66334	65000	66366	Tune-up limit (dBm)		
80	QPSK	1	1	3740.01	3840	3940.02	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				22.63	22.66	22.52	Tune-up limit (dBm)		
70	QPSK	1	1	66334	65000	66334	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				3750	3840	3930	Tune-up limit (dBm)		
70	QPSK	1	1	22.64	22.70	22.61	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				66366	65000	66334	Tune-up limit (dBm)		
60	QPSK	1	1	22.61	22.71	22.61	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				66334	65000	66366	Tune-up limit (dBm)		
50	QPSK	1	1	3725.01	3840	3965.02	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				22.60	22.59	22.59	Tune-up limit (dBm)		
40	QPSK	1	1	66334	65000	66334	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				3725.01	3840	3965	Tune-up limit (dBm)		
40	QPSK	1	1	22.60	22.68	22.58	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				66366	65000	66334	Tune-up limit (dBm)		
30	QPSK	1	1	3710.01	3840	3950.02	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				66334	65000	66366	Tune-up limit (dBm)		
20	QPSK	1	1	3705.01	3840	3945.02	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				22.58	22.58	22.58	Tune-up limit (dBm)		
15	QPSK	1	1	64700	65000	65054	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				3707.52	3840	3927.51	Tune-up limit (dBm)		
15	QPSK	1	1	22.70	22.56	22.59	24.0	0.0	MPR (dB)
Channel									
Frequency (MHz)				64700	65000	65050	Tune-up limit (dBm)		
10	QPSK	1	1	22.68	22.56	22.50	24.0	0.0	0.0

Part27Q n77 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98		633332			
100	PI2 BPSK	1	1	22.95			24.0		
100	PI2 BPSK	1	137	22.78					
100	PI2 BPSK	1	271	23.03					
100	PI2 BPSK	135	0	22.86			24.0	0.0	
100	PI2 BPSK	135	69	22.71			24.0	0.0	
100	PI2 BPSK	135	138	22.70					
100	PI2 BPSK	270	0	22.78					
100	QPSK	1	1	23.08			24.0	0.0	
100	QPSK	1	137	22.95					
100	QPSK	1	271	23.03					
100	QPSK	135	0	22.86			24.0	0.0	
100	QPSK	135	69	23.06			24.0	0.0	
100	QPSK	135	138	22.46			24.0	0.0	
100	QPSK	270	0	23.02			24.0	0.0	
100	16QAM	1	1	22.98					
100	64QAM	1	1	21.40					
100	256QAM	1	1	20.13			21.0	3.0	
Channel				633000	633332	633668	Tune-up limit MPR		
Frequency (MHz)				3495	3499.98	3505.02	(dBm) (dB)		
90	QPSK	1	1	22.82	22.91	22.95	24.0	0.0	
Channel				632668	633332	634000	Tune-up limit MPR		
Frequency (MHz)				3490.98	3499.98	3509.02	(dBm) (dB)		
80	QPSK	1	1	22.82	22.88	22.92	24.0	0.0	
Channel				632334	633332	634334	Tune-up limit MPR		
Frequency (MHz)				3485.01	3499.98	3515.01	(dBm) (dB)		
70	QPSK	1	1	22.98	22.95	22.92	24.0	0.0	
Channel				632000	633332	634668	Tune-up limit MPR		
Frequency (MHz)				3480	3499.98	3505.02	(dBm) (dB)		
60	QPSK	1	1	22.89	22.95	22.91	24.0	0.0	
Channel				631668	633332	635000	Tune-up limit MPR		
Frequency (MHz)				3475.02	3499.98	3525.02	(dBm) (dB)		
50	QPSK	1	1	22.84	23.02	23.00	24.0	0.0	
Channel				631334	633332	635334	Tune-up limit MPR		
Frequency (MHz)				3470.01	3499.98	3533.01	(dBm) (dB)		
40	QPSK	1	1	22.91	22.95	22.85	24.0	0.0	
Channel				631000	633332	635668	Tune-up limit MPR		
Frequency (MHz)				3465	3499.98	3535.02	(dBm) (dB)		
30	QPSK	1	1	22.89	22.97	22.88	24.0	0.0	
Channel				630668	633332	636000	Tune-up limit MPR		
Frequency (MHz)				3460.02	3499.98	3540.02	(dBm) (dB)		
20	QPSK	1	1	22.90	22.93	22.97	24.0	0.0	
Channel				630334	633332	636334	Tune-up limit MPR		
Frequency (MHz)				3455.01	3499.98	3545.01	(dBm) (dB)		
15	QPSK	1	1	22.82	22.92	22.95	24.0	0.0	
Channel				630000	633332	636668	Tune-up limit MPR		
Frequency (MHz)				3450.01	3499.98	3550.01	(dBm) (dB)		
10	QPSK	1	1	22.83	22.92	22.93	24.0	0.0	

Part27Q n77 PC2 Ant7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3499.98		633332			
100	PI2 BPSK	1	1	25.94			27.0		
100	PI2 BPSK	1	137	25.91					
100	PI2 BPSK	1	271	25.79					
100	PI2 BPSK	135	0	25.52			26.5	0.5	
100	PI2 BPSK	135	69	25.46			27.0	0.0	
100	PI2 BPSK	135	138	25.22					
100	PI2 BPSK	270	0	25.44					
100	QPSK	1	1	26.06			27.0	0.0	
100	QPSK	1	137	26.01					
100	QPSK	1	271	25.81					
100	QPSK	135	0	24.99			26.0	1.0	
100	QPSK	135	69	25.95			27.0	0.0	
100	QPSK	135	138	24.71			26.0	1.0	
100	QPSK	270	0	24.98			26.0	1.0	
100	16QAM	1	1	25.17					
100	64QAM	1	1	22.74					
100	256QAM	1	1	21.79			22.5	4.5	
Channel				633000	633332	633668	Tune-up limit MPR		
Frequency (MHz)				3495	3499.98	3505.02	(dBm) (dB)		
90	QPSK	1	1	25.83	26.00	25.87	27.0	0.0	
Channel				632668	633332	634000	Tune-up limit MPR		
Frequency (MHz)				3490.02	3499.98	3510.02	(dBm) (dB)		
80	QPSK	1	1	25.95	25.88	25.93	27.0	0.0	
Channel				632334	633332	634334	Tune-up limit MPR		
Frequency (MHz)				3485.01	3499.98	3515.01	(dBm) (dB)		
70	QPSK	1	1	25.85	25.96	25.88	27.0	0.0	
Channel				632000	633332	634668	Tune-up limit MPR		
Frequency (MHz)				3480	3499.98	3520.02	(dBm) (dB)		
60	QPSK	1	1	25.96	25.95	25.94	27.0	0.0	
Channel				631668	633332	635000	Tune-up limit MPR		
Frequency (MHz)				3475.02	3499.98	3525.02	(dBm) (dB)		
50	QPSK	1	1	25.88	26.02	25.92	27.0	0.0	
Channel				631334	633332	635334	Tune-up limit MPR		
Frequency (MHz)				3470.01	3499.98	3533.01	(dBm) (dB)		
40	QPSK	1	1	25.92	26.01	25.96	27.0	0.0	
Channel				631000	633332	635668	Tune-up limit MPR		
Frequency (MHz)				3465	3499.98	3535.02	(dBm) (dB)		
30	QPSK	1	1	26.05	26.02	25.99	27.0	0.0	
Channel				630668	633332	636000	Tune-up limit MPR		
Frequency (MHz)				3460.02	3499.98	3540.02	(dBm) (dB)		
20	QPSK	1	1	25.92	25.95	25.93	27.0	0.0	
Channel				630334	633332	636334	Tune-up limit MPR		
Frequency (MHz)				3455.01	3499.98	3545.01	(dBm) (dB)		
15	QPSK	1	1	25.94	25.98	25.98	27.0	0.0	
Channel				630000	633332	636668	Tune-up limit MPR		
Frequency (MHz)				3450.01	3499.98	3550.01	(dBm) (dB)		
10	QPSK	1	1	25.90	25.89	25.91	27.0	0.0	

Part96 n77 Ant7 Default											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq. (dBm)	Power Middle Ch / Freq. (dBm)	Power High Ch / Freq. (dBm)	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				3600	3624.99	3649.98	640000 641666 643332				
100	PI2 BPSK	1	1	22.40	22.29	22.35	23.5	0.0			
100	PI2 BPSK	1	137	22.24	22.26	22.30					
100	PI2 BPSK	1	271	22.33	22.43	22.43					
100	PI2 BPSK	135	0	22.38	22.40	22.33	23.5	0.0			
100	PI2 BPSK	135	69	22.24	22.34	22.33	23.5	0.0			
100	PI2 BPSK	135	138	22.32	22.41	22.28					
100	PI2 BPSK	270	0	22.18	22.35	22.15					
100	QPSK	1	1	22.43	22.47	22.41	23.5	0.0			
100	QPSK	1	137	22.18	22.30	22.32					
100	QPSK	1	271	22.36	22.20	22.28					
100	QPSK	135	0	22.28	22.34	22.26	23.5	0.0			
100	QPSK	135	69	22.32	22.43	22.29	23.5	0.0			
100	QPSK	135	138	22.21	22.30	22.25	23.5	0.0			
100	QPSK	270	0	22.32	22.41	22.21					
100	16QAM	1	1	22.25	22.32	22.25					
100	64QAM	1	1	22.39	22.28	22.26	23.5	0.0			
100	256QAM	1	1	22.12	22.43	22.20	23.5	0.0			
Channel				636668	641666	648336	Tune-up limit MPR				
Frequency (MHz)				3595.02	3624.99	3654.98	(dBm) (dB)				
90	QPSK	1	1	22.41	22.34	22.39	23.5	0.0			
Channel				636668	641666	648336				Tune-up limit MPR	
Frequency (MHz)				3590.01	3624.99	3649.98				(dBm) (dB)	
80	QPSK	1	1	22.34	22.45	22.39	23.5	0.0			
Channel				636668	641666	648336				Tune-up limit MPR	
Frequency (MHz)				3590.01	3624.99	3649.98				(dBm) (dB)	
70	QPSK	1	1	22.41	22.37	22.31	23.5	0.0			
Channel				636668	641666	648336				Tune-up limit MPR	
Frequency (MHz)				3585.00	3624.99	3649.98				(dBm) (dB)	
60	QPSK	1	1	22.30	22.39	22.35	23.5	0.0			
Channel				636834	641666	648500				Tune-up limit MPR	
Frequency (MHz)				3581.01	3624.99	3625				(dBm) (dB)	
50	QPSK	1	1	22.38	22.37	22.25	23.5	0.0			
Channel				636834	641666	648500				Tune-up limit MPR	
Frequency (MHz)				3570	3624.99	3624.99				(dBm) (dB)	
40	QPSK	1	1	22.45	22.34	22.30	23.5	0.0			
Channel				631668	641666	648566				Tune-up limit MPR	
Frequency (MHz)				3565.02	3624.99	3624.99				(dBm) (dB)	
30	QPSK	1	1	22.37	22.37	22.23	23.5	0.0			
Channel				637334	641666	648600				Tune-up limit MPR	
Frequency (MHz)				3560.01	3624.99	3625				(dBm) (dB)	
20	QPSK	1	1	22.37	22.37	22.23	23.5	0.0			
Channel				637334	641666	648600				Tune-up limit MPR	
Frequency (MHz)				3557.52	3624.99	3626.49				(dBm) (dB)	
15	QPSK	1	1	22.42	22.42	22.29	23.5	0.0			
Channel				637000	641666	648632				Tune-up limit MPR	
Frequency (MHz)				3555	3624.99	3626.49				(dBm) (dB)	
10	QPSK	1	1	22.38	22.33	22.28	23.5	0.0			
Channel				637334	641666	648632				Tune-up limit MPR	
Frequency (MHz)				3552	3624.99	3626.49				(dBm) (dB)	

Reduced Power Mode for DS16 ENDG Simultaneous

n5 Ant1									
BW [MHz]	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)				835.5	836.5	837.5			
20	PI/2 BPSK	1	1	24.24	24.33	24.28	25.0	0.0	
20	PI/2 BPSK	1	53	24.27	24.32	24.18			
20	PI/2 BPSK	1	104	24.12	24.21	24.09			
20	PI/2 BPSK	50	0	24.20	24.32	24.18	24.5	0.5	
20	PI/2 BPSK	50	28	24.26	24.31	24.26	25.0	0.0	
20	PI/2 BPSK	50	56	24.15	24.29	24.12	24.5	0.5	
20	PI/2 BPSK	100	0	24.16	24.31	24.17			
20	QPSK	1	1	24.35	24.39	24.30			
20	QPSK	1	53	24.20	24.33	24.26	25.0	0.0	
20	QPSK	1	104	24.17	24.27	24.16	24.0	1.0	
20	QPSK	50	0	23.78	23.84	23.77			
20	QPSK	50	28	24.21	24.31	24.25			
20	QPSK	50	56	23.66	23.80	23.68	24.0	1.0	
20	QPSK	100	0	23.60	23.69	23.52	20.5	4.5	
20	16QAM	1	1	23.89	23.97	23.94			
20	64QAM	1	1	22.03	22.05	21.91			
20	256QAM	1	1	19.88	19.97	19.92	20.5	4.5	
Channel				163300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	24.25	24.30	24.24	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.17	24.28	24.25	25.0	0.0	
Channel				163300	167300	167000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	24.27	24.25	24.23	25.0	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	350000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.44	23.68	23.72	24.5	0.0	
40	PI/2 BPSK	1	108	23.58	23.65	23.44			
40	PI/2 BPSK	1	214	23.40	23.62	23.58			
40	PI/2 BPSK	108	0	23.68	23.65	23.64	24.0	0.5	
40	PI/2 BPSK	108	54	23.40	23.63	23.40	24.5	0.0	
40	PI/2 BPSK	108	108	23.63	23.72	23.58	24.0	0.5	
40	PI/2 BPSK	216	0	23.55	23.70	23.51			
40	QPSK	1	1	23.80	23.88	23.82			
40	QPSK	1	108	23.71	23.75	23.71	24.5	0.0	
40	QPSK	1	214	23.65	23.61	23.64	23.5	1.0	
40	QPSK	108	0	22.97	23.18	23.17			
40	QPSK	108	54	23.73	23.86	23.63			
40	QPSK	108	108	22.83	23.06	22.83	23.5	1.0	
40	QPSK	216	0	23.03	23.12	22.93	23.5	1.0	
40	16QAM	1	1	23.02	23.14	23.17			
40	64QAM	1	1	21.33	21.50	21.48			
40	256QAM	1	1	19.47	19.53	19.55	20.0	4.5	
Channel				345500	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	23.61	23.58	23.77	24.5	0.0	
Channel				345000	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	23.64	23.71	23.75	24.5	0.0	
Channel				344500	349000	350000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	23.68	23.81	23.84	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	23.62	23.60	23.75	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	23.66	23.71	23.74	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	23.74	23.77	23.67	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	23.74	23.84	23.75	24.5	0.0	

n71 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PI/2 BPSK	1	1	24.08	24.17	24.16	25.0	0.0	
20	PI/2 BPSK	1	53	24.11	24.14	24.17			
20	PI/2 BPSK	1	104	23.18	23.26	23.16			
20	PI/2 BPSK	50	0	23.98	24.11	24.12	24.5	0.5	
20	PI/2 BPSK	50	28	23.92	24.12	23.91	25.0	0.0	
20	PI/2 BPSK	50	56	24.03	24.09	24.11	24.5	0.5	
20	PI/2 BPSK	100	0	24.04	24.08	24.03			
20	QPSK	1	1	24.19	24.23	24.20			
20	QPSK	1	53	24.13	24.16	23.97	25.0	0.0	
20	QPSK	1	104	23.89	24.12	23.96	24.0	1.0	
20	QPSK	50	0	23.50	23.63	23.55			
20	QPSK	50	28	24.14	24.16	23.97			
20	QPSK	50	56	23.28	23.25	23.15	24.0	1.0	
20	QPSK	100	0	23.14	23.36	23.23	24.0	1.0	
20	16QAM	1	1	23.18	23.19	23.09			
20	64QAM	1	1	21.72	21.93	21.75			
20	256QAM	1	1	19.65	19.88	19.67	20.5	4.5	
Channel				134100	135100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	24.14	24.11	24.13	25.0	0.0	
Channel				133600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	24.14	24.07	24.05	25.0	0.0	
Channel				133100	135100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	24.02	24.15	24.11	25.0	0.0	

n7 Ant2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				504000	507000	510000	23.5	0.0
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	22.55	22.70	22.89		
40	PI/2 BPSK	1	108	22.66	22.72	22.82	23.5	0.0
40	PI/2 BPSK	1	214	22.74	22.79	22.82		
40	PI/2 BPSK	108	0	22.53	22.66	22.81		
40	PI/2 BPSK	108	54	22.59	22.75	22.85	23.5	0.0
40	PI/2 BPSK	108	108	22.73	22.81	22.74		
40	PI/2 BPSK	216	0	22.59	22.75	22.80		
40	QPSK	1	1	22.81	22.86	22.78	23.5	0.0
40	QPSK	1	108	22.75	22.82	22.84		
40	QPSK	1	214	22.81	22.84	22.87		
40	QPSK	108	0	21.66	21.77	21.71	22.5	1.0
40	QPSK	108	54	22.64	22.81	22.72		
40	QPSK	108	108	21.60	21.73	21.67		
40	QPSK	216	0	21.59	21.75	21.67	22.5	1.0
40	16QAM	1	1	21.64	21.72	21.59		
40	64QAM	1	1	20.15	20.23	20.11		
40	256QAM	1	1	18.13	18.32	18.25	19.0	4.5
Channel				503000	507000	511000		
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	22.62	22.71	22.81	23.5	0.0
Channel				502900	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	22.69	22.70	22.69	23.5	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.68	22.72	22.89	23.5	0.0
Channel				501900	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	22.72	22.79	22.71	23.5	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	22.74	22.73	22.84	23.5	0.0
Channel				500900	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	22.78	22.72	22.81	23.5	0.0
Channel								
Frequency (MHz)								

n2 Ant4 For ENDC									
BW [MHz]	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	PI/2 BPSK	1	1	23.63	23.66	23.45			
20	PI/2 BPSK	1	53	23.47	23.69	23.60	24.0	0.5	
20	PI/2 BPSK	1	104	23.48	23.71	23.61			
20	PI/2 BPSK	50	0	23.60	23.69	23.64			
20	PI/2 BPSK	50	28	23.58	23.64	23.43	24.5	0.0	
20	PI/2 BPSK	50	56	23.69	23.70	23.69			
20	PI/2 BPSK	100	0	23.57	23.66	23.59			
20	QPSK	1	1	23.70	23.73	23.71	24.5	0.0	
20	QPSK	1	53	23.64	23.70	23.58			
20	QPSK	1	104	23.67	23.66	23.43			
20	QPSK	50	0	23.14	23.19	23.16	23.5	1.0	
20	QPSK	50	28	23.65	23.70	23.57			
20	QPSK	50	56	23.00	23.01	22.95			
20	QPSK	100	0	23.12	23.19	23.18	23.5	1.0	
20	16QAM	1	1	22.95	22.93	22.73			
20	64QAM	1	1	21.41	21.58	21.56			
20	256QAM	1	1	18.40	18.53	18.57	20.0	4.5	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	24.5	0.0	
15	QPSK	1	1	23.53	23.63	23.55			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	24.5	0.0	
10	QPSK	1	1	23.64	23.57	23.54			
Channel				370500	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.5	0.0	
5	QPSK	1	1	23.51	23.67	23.62			

n25 Ant4 For ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	378500	379000	24.5	0.0	
Frequency (MHz)				1870	1882.5	1885			
40	PI/2 BPSK	1	1	23.54	23.68	23.55			
40	PI/2 BPSK	1	108	23.51	23.72	23.56	24.0	0.5	
40	PI/2 BPSK	1	214	23.66	23.69	23.50			
40	PI/2 BPSK	108	0	23.40	23.63	23.58			
40	PI/2 BPSK	108	54	23.49	23.61	23.61	24.0	0.5	
40	PI/2 BPSK	108	108	23.48	23.66	23.67			
40	PI/2 BPSK	216	0	23.48	23.67	23.64			
40	QPSK	1	1	23.73	23.77	23.68	24.5	0.0	
40	QPSK	1	108	23.64	23.74	23.65			
40	QPSK	1	214	23.74	23.72	23.63			
40	QPSK	108	0	22.97	23.16	23.08	23.5	1.0	
40	QPSK	108	54	23.46	23.72	23.67			
40	QPSK	108	108	22.82	22.94	22.72			
40	QPSK	216	0	22.86	23.02	22.96	23.5	1.0	
40	16QAM	1	1	22.95	22.96	22.88			
40	64QAM	1	1	21.49	21.57	21.40			
40	256QAM	1	1	19.52	19.51	19.26	20.0	4.5	
Channel				373500	378500	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1887.5	24.5	0.0	
35	QPSK	1	1	23.59	23.68	23.61			
Channel				373000	378500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900	24.5	0.0	
30	QPSK	1	1	23.67	23.73	23.53			
Channel				372500	378500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5	24.5	0.0	
25	QPSK	1	1	23.56	23.73	23.64			
Channel				372000	378500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905	24.5	0.0	
20	QPSK	1	1	23.61	23.70	23.63			
Channel				371500	378500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5	24.5	0.0	
15	QPSK	1	1	23.63	23.62	23.64			
Channel				371000	378500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910	24.5	0.0	
10	QPSK	1	1	23.66	23.66	23.61			
Channel				370500	378500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5	24.5	0.0	
5	QPSK	1	1	23.56	23.70	23.63			

n66 Ant4 For ENDC									
BW [MHz]	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	352000	24.5	0.0	
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	23.73	23.70	23.71			
40	PI/2 BPSK	1	108	23.48	23.67	23.70	24.5	0.5	
40	PI/2 BPSK	1	214	23.50	23.71	23.48			
40	PI/2 BPSK	108	0	23.64	23.61	23.44			
40	PI/2 BPSK	108	54	23.60	23.59	23.46	24.0	0.5	
40	PI/2 BPSK	108	108	23.62	23.69	23.71			
40	PI/2 BPSK	216	0	23.59	23.67	23.66			
40	QPSK	1	1	23.68	23.74	23.72	24.5	0.0	
40	QPSK	1	108	23.47	23.69	23.52			
40	QPSK	1	214	23.64	23.72	23.48			
40	QPSK	108	0	23.07	23.21	22.99	23.5	1.0	
40	QPSK	108	54	23.55	23.71	23.67			
40	QPSK	108	108	23.22	23.24	23.01			
40	QPSK	216	0	22.88	23.08	22.85	23.5	1.0	
40	16QAM	1	1	23.04	23.05	22.83			
40	64QAM	1	1	21.56	21.58	21.59			
40	256QAM	1	1	19.38	19.57	19.57	20.0	4.5	
Channel				345000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1762.5	24.5	0.0	
35	QPSK	1	1	23.61	23.59	23.66			
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	24.5	0.0	
30	QPSK	1	1	23.56	23.64	23.64			
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	24.5	0.0	
25	QPSK	1	1	23.60	23.61	23.64			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	24.5	0.0	
20	QPSK	1	1	23.55	23.64	23.63			
Channel				343000	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0	
15	QPSK	1	1	23.58	23.70	23.57			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	QPSK	1	1	23.58	23.64	23.55			
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	23.61	23.55	23.58			

Part270 n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P1/2 BPSK	1	1	19.13	19.14	19.06			
100	P1/2 BPSK	1	137	19.02	19.06	19.00	20.0	0.0	
100	P1/2 BPSK	1	211	19.09	19.06	19.08			
100	P1/2 BPSK	135	0	19.12	19.10	19.01	20.0	0.0	
100	P1/2 BPSK	135	69	19.06	19.09	19.04	20.0	0.0	
100	P1/2 BPSK	135	138	19.04	19.10	19.01			
100	P1/2 BPSK	270	0	19.10	19.08	19.00	20.0	0.0	
100	QPSK	1	1	19.15	19.17	19.13			
100	QPSK	1	137	19.04	19.14	19.07	20.0	0.0	
100	QPSK	1	211	19.02	19.06	19.07			
100	QPSK	135	0	19.06	19.13	19.04	20.0	0.0	
100	QPSK	135	69	19.11	19.15	19.05	20.0	0.0	
100	QPSK	135	138	19.10	19.12	19.01	20.0	0.0	
100	QPSK	270	0	19.07	19.11	19.06			
100	16QAM	1	1	19.06	19.08	19.02	20.0	0.0	
100	64QAM	1	1	19.06	19.08	19.08	20.0	0.0	
100	256QAM	1	1	19.04	19.09	19.00	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.11	19.06	19.06	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.06	19.06	19.04	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.09	19.19	19.04	20.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.07	19.04	19.05	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.06	19.09	19.02	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.10	19.12	19.09	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.12	19.09	19.03	20.0	0.0	
Channel									
Frequency (MHz)									
16	QPSK	1	1	19.11	19.14	19.08	20.0	0.0	

Part270 n77 PC2 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P1/2 BPSK	1	1	22.13	22.19	22.06			
100	P1/2 BPSK	1	137	21.92	21.93	21.97	23.0	0.0	
100	P1/2 BPSK	1	211	22.03	21.93	22.07			
100	P1/2 BPSK	135	0	22.04	22.07	21.92	23.0	0.0	
100	P1/2 BPSK	135	69	21.97	21.99	21.98	23.0	0.0	
100	P1/2 BPSK	135	138	22.02	21.96	21.92			
100	P1/2 BPSK	270	0	21.98	22.08	21.98	23.0	0.0	
100	QPSK	1	1	22.06	22.22	22.08			
100	QPSK	1	137	21.96	22.07	21.93	23.0	0.0	
100	QPSK	1	211	22.02	22.12	21.96			
100	QPSK	135	0	22.02	22.09	21.99	23.0	0.0	
100	QPSK	135	69	22.11	22.13	22.06	23.0	0.0	
100	QPSK	135	138	22.07	22.03	21.86			
100	QPSK	270	0	22.08	22.10	21.96	23.0	0.0	
100	16QAM	1	1	22.06	21.97	21.86	23.0	0.0	
100	64QAM	1	1	21.93	21.99	22.16	23.0	0.0	
100	256QAM	1	1	21.90	21.95	21.45	23.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.05	22.18	22.05	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.08	22.19	22.11	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.09	22.20	22.04	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.97	22.17	22.05	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.05	22.16	21.95	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.99	22.17	21.99	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.20	22.17	21.97	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.98	22.12	22.02	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.01	22.19	22.00	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.99	22.20	22.07	23.0	0.0	

Part27Q n77 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq	Power Middle Ch./ Freq	Power High Ch./ Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency [MHz]									
100	P1/2 BPSK	1	1	19.08	19.08				
100	P1/2 BPSK	1	137	19.00	19.00		20.0		
100	P1/2 BPSK	1	211	19.00	19.00				
100	P1/2 BPSK	135	0	19.00	19.00		20.0	0.0	
100	P1/2 BPSK	135	69	19.03	19.03		20.0	0.0	
100	P1/2 BPSK	135	138	18.98	18.98		20.0	0.0	
100	P1/2 BPSK	270	0	19.00	19.00		20.0	0.0	
100	QPSK	1	1	19.11	19.11				
100	QPSK	1	137	19.02	19.02		20.0	0.0	
100	QPSK	1	211	19.09	19.09				
100	QPSK	135	0	19.06	19.06		20.0	0.0	
100	QPSK	135	69	19.09	19.09		20.0	0.0	
100	QPSK	135	138	18.99	18.99		20.0	0.0	
100	QPSK	270	0	19.00	19.00		20.0	0.0	
100	16QAM	1	1	19.04	19.04		20.0	0.0	
100	64QAM	1	1	19.00	19.00		20.0	0.0	
100	256QAM	1	1	19.00	19.00		20.0	0.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.04	19.03	18.98	20.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	18.98	18.99	18.98	20.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.04	19.02	18.99	20.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.04	19.02	19.03	20.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.09	18.94	18.98	20.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.02	18.96	19.00	20.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.01	19.01	18.94	20.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.00	19.02	18.95	20.0	0.0	
Channel									
Frequency [MHz]									
15	QPSK	1	1	19.06	18.97	19.01	20.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.08	18.95	19.03	20.0	0.0	

Part96 n77 Ant6 Default									
BW [MHz]	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)				640000	641686	643332			
100	P2/BPSK	1	1	19.15	19.11	19.04			
100	P2/BPSK	1	137	18.95	19.03	19.01	20.0	0.0	
100	P2/BPSK	1	211	19.03	18.98	19.03			
100	P2/BPSK	135	0	19.11	19.03	19.00	20.0	0.0	
100	P2/BPSK	135	69	18.98	19.00	18.97	20.0	0.0	
100	P2/BPSK	135	135	19.05	19.10	18.92			
100	P2/BPSK	210	0	19.03	19.04	18.98	20.0	0.0	
100	QPSK	1	1	19.11	19.21	19.14			
100	QPSK	1	137	19.04	19.05	19.05	20.0	0.0	
100	QPSK	1	211	19.01	19.07	18.98			
100	QPSK	135	0	19.03	19.09	19.01	20.0	0.0	
100	QPSK	135	69	19.08	19.16	18.98	20.0	0.0	
100	QPSK	135	135	19.04	19.03	18.92			
100	QPSK	210	0	19.05	19.10	19.03	20.0	0.0	
100	16QAM	1	1	19.06	18.98	18.98	20.0	0.0	
100	64QAM	1	1	19.01	19.05	19.09	20.0	0.0	
100	256QAM	1	1	18.95	19.05	19.01	20.0	0.0	
Channel									
Frequency (MHz)				639968	641696	643666	Tune-up limit (dBm)	MPR (dB)	
95	QPSK	1	1	19.11	19.07	19.10	20.0	0.0	
Channel									
Frequency (MHz)				3590.01	3624.99	3660	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	19.04	19.06	19.03	20.0	0.0	
Channel									
Frequency (MHz)				3585	3624.99	3664.98	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	19.07	19.05	18.99	20.0	0.0	
Channel									
Frequency (MHz)				638668	641686	643666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	19.11	19.05	19.05	20.0	0.0	
Channel									
Frequency (MHz)				638334	641686	645000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	19.02	19.05	19.06	20.0	0.0	
Channel									
Frequency (MHz)				638000	641686	643332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	19.03	19.00	19.02	20.0	0.0	
Channel									
Frequency (MHz)				637668	641686	643666	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.04	19.01	19.08	20.0	0.0	
Channel									
Frequency (MHz)				637334	641686	644000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	19.07	19.03	19.00	20.0	0.0	
Channel									
Frequency (MHz)				3557.52	3624.99	3682.49	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.04	19.08	19.06	20.0	0.0	
Channel									
Frequency (MHz)				637000	641686	643332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.05	19.00	19.08	20.0	0.0	

Part270 n78 Ant6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				650000					
100	P2/BPSK	1	1		19.09				
100	P2/BPSK	1	137		18.96		20.0	0.0	
100	P2/BPSK	1	211		19.01				
100	P2/BPSK	135	0		19.07		20.0	0.0	
100	P2/BPSK	135	69		18.90		20.0	0.0	
100	P2/BPSK	135	135		18.94				
100	P2/BPSK	210	0		18.99		20.0	0.0	
100	QPSK	1	1		19.12				
100	QPSK	1	137		19.02		20.0	0.0	
100	QPSK	1	211		19.02				
100	QPSK	135	0		19.05		20.0	0.0	
100	QPSK	135	69		19.07		20.0	0.0	
100	QPSK	135	135		19.02				
100	QPSK	210	0		19.07		20.0	0.0	
100	16QAM	1	1		19.08		20.0	0.0	
100	64QAM	1	1		18.97		20.0	0.0	
100	256QAM	1	1		18.48		19.5	0.0	
Channel									
Frequency (MHz)				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
95	QPSK	1	1		19.01	19.04	18.83	20.0	0.0
Channel									
Frequency (MHz)				3740.01	3750	3755.01	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1		19.05	18.98	18.86	20.0	0.0
Channel									
Frequency (MHz)				3735	3750	3765	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1		19.07	19.01	18.81	20.0	0.0
Channel									
Frequency (MHz)				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1		19.00	19.01	18.87	20.0	0.0
Channel									
Frequency (MHz)				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1		19.02	19.00	18.89	20.0	0.0
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1		19.17	19.03	18.87	20.0	0.0
Channel									
Frequency (MHz)				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1		19.36	19.04	18.82	20.0	0.0
Channel									
Frequency (MHz)				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1		19.01	19.07	18.81	20.0	0.0
Channel									
Frequency (MHz)				3767.52	3750	3782.51	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1		18.99	19.04	18.84	20.0	0.0
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1		18.96	19.05	18.91	20.0	0.0

Part27Q n78 Ant6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633332					
100	P2 BPSK	1	1	19.09					
100	P2 BPSK	1	137		18.90		20.0		
100	P2 BPSK	1	211		18.98				
100	P2 BPSK	135	0		19.02		20.0	0.0	
100	P2 BPSK	135	69		18.95		20.0	0.0	
100	P2 BPSK	135	138		18.97				0.0
100	P2 BPSK	210	0		19.00		20.0		0.0
100	QPSK	1	1		19.11				
100	QPSK	1	137		19.01		20.0		0.0
100	QPSK	1	211		19.00				
100	QPSK	135	0		19.03		20.0	0.0	
100	QPSK	135	69		19.08		20.0	0.0	
100	QPSK	135	138		18.95				
100	QPSK	210	0		19.05		20.0	0.0	
100	16QAM	1	1		19.01		20.0		
100	64QAM	1	1		18.92		20.0		
100	256QAM	1	1		18.48		19.5	0.0	
Channel									
Frequency (MHz)				633000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	19.02	19.06	18.90	20.0		0.0
Channel									
Frequency (MHz)				3490.02	3499.98	3510.00	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	19.03	18.98	18.84	20.0		0.0
Channel									
Frequency (MHz)				3485.01	3499.98	3514.98	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	19.01	19.07	18.88	20.0		0.0
Channel									
Frequency (MHz)				632000	633332	633666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.98	19.00	18.85	20.0		0.0
Channel									
Frequency (MHz)				631668	633332	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	19.04	18.99	18.86	20.0		0.0
Channel									
Frequency (MHz)				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	19.01	19.04	18.99	20.0		0.0
Channel									
Frequency (MHz)				3495.00	3499.98	3504.99	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	19.02	19.01	18.90	20.0		0.0
Channel									
Frequency (MHz)				3490.02	3499.98	3510.00	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	19.02	19.09	18.83	20.0		0.0
Channel									
Frequency (MHz)				630590	633332	636166	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	19.04	19.08	18.87	20.0		0.0
Channel									
Frequency (MHz)				630334	633332	636332	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	19.01	19.04	18.81	20.0		0.0
Channel									
Frequency (MHz)				630100	633332	636566	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	19.03	19.01	18.81	20.0		0.0

n38 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				2590.02	2595	2599.98	24.0	0.0	
Frequency (MHz)				2327	2332	2335			
40	PI/2 BPSK	1	1	2323	2329	2332			
40	PI/2 BPSK	1	53	2323	2329	2332			
40	PI/2 BPSK	1	104	2310	2331	2319	23.5	0.5	
40	PI/2 BPSK	50	0	2327	2331	2327			
40	PI/2 BPSK	50	28	2305	2326	2323			
40	PI/2 BPSK	50	56	2315	2324	2327			
40	PI/2 BPSK	100	0	2309	2328	2329	23.0	1.0	
40	QPSK	1	1	2333	2334	2322			
40	QPSK	1	53	2322	2332	2323			
40	QPSK	1	104	2310	2333	2332			
40	QPSK	50	0	2283	2284	2272	23.0	1.0	
40	QPSK	50	28	2324	2332	2326			
40	QPSK	50	56	2261	2268	2253			
40	QPSK	100	0	2264	2271	2255			
40	16QAM	1	1	2275	2285	2274	23.0	1.0	
40	64QAM	1	1	2122	2132	2122			
40	256QAM	1	1	1913	1932	1924			
40	256QAM	1	1	1913	1932	1924			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2588.01	2595	2604.99			
30	QPSK	1	1	2329	2325	2308			
30	QPSK	1	1	2329	2325	2308			
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	2319	2327	2310			
20	QPSK	1	1	2319	2327	2310			
Channel				515002	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	2314	2319	2310			
15	QPSK	1	1	2314	2319	2310			
Channel				515004	519000	522998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	2322	2316	2304			
10	QPSK	1	1	2322	2316	2304			

n41 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	2298	2313	2311			
100	PI/2 BPSK	1	137	2314	2321	2324			
100	PI/2 BPSK	1	271	2326	2330	2319	24.0	0.0	
100	PI/2 BPSK	135	0	2291	2316	2319			
100	PI/2 BPSK	135	69	2302	2313	2295			
100	PI/2 BPSK	135	138	2320	2321	2304			
100	PI/2 BPSK	270	0	2316	2323	2323	24.0	0.0	
100	QPSK	1	1	2331	2336	2322			
100	QPSK	1	137	2316	2323	2312			
100	QPSK	1	271	2324	2333	2326			
100	QPSK	135	0	2315	2319	2305	24.0	0.0	
100	QPSK	135	69	2316	2334	2310			
100	QPSK	135	138	2319	2331	2316			
100	QPSK	270	0	2328	2331	2323			
100	16QAM	1	1	2311	2332	2316	24.0	0.0	
100	64QAM	1	1	2329	2333	2324			
100	256QAM	1	1	2236	2234	2237			
100	256QAM	1	1	2236	2234	2237			
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	2316	2329	2317			
90	QPSK	1	1	2316	2329	2317			
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	2325	2326	2316			
80	QPSK	1	1	2325	2326	2316			
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	2319	2332	2308			
70	QPSK	1	1	2319	2332	2308			
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	2317	2323	2312			
60	QPSK	1	1	2317	2323	2312			
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511.02	2592.99	2664.99			
50	QPSK	1	1	2313	2324	2306			
50	QPSK	1	1	2313	2324	2306			
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	2325	2326	2305			
40	QPSK	1	1	2325	2326	2305			
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	2322	2324	2316			
30	QPSK	1	1	2322	2324	2316			
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	2319	2329	2310			
20	QPSK	1	1	2319	2329	2310			
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	2321	2331	2312			
15	QPSK	1	1	2321	2331	2312			
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	2316	2319	2317			
10	QPSK	1	1	2316	2319	2317			

n41 PC2 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	27.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	26.02	26.26	26.01			
100	PI/2 BPSK	1	137	26.00	26.17	26.01			
100	PI/2 BPSK	1	271	26.06	26.20	26.21	26.5	0.5	
100	PI/2 BPSK	135	0	26.08	26.06	25.89			
100	PI/2 BPSK	135	69	25.95	26.13	26.17			
100	PI/2 BPSK	135	138	26.23	26.24	26.06			
100	PI/2 BPSK	270	0	26.02	26.20	26.15	26.0	1.0	
100	QPSK	1	1	26.21	26.34	26.20			
100	QPSK	1	137	26.15	26.24	26.15			
100	QPSK	1	271	26.20	26.23	26.15			
100	QPSK	135	0	25.50	25.59	25.51	26.0	1.0	
100	QPSK	135	69	26.09	26.29	26.22			
100	QPSK	135	138	25.54	25.72	25.49			
100	QPSK	270	0	25.32	25.54	25.32			
100	16QAM	1	1	25.54	25.52	25.36	26.0	1.0	
100	64QAM	1	1	22.94	22.92	22.86			
100	256QAM	1	1	21.72	21.77	21.65			
100	256QAM	1	1	21.72	21.77	21.65			
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	26.01	26.21	26.01			
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.92	2592.99	2649.99			
80	QPSK	1	1	26.04	26.19	26.03			
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	26.10	26.16	26.03			
Channel				508200	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2528	2592.99	2659.98			
60	QPSK	1	1	26.02	26.27	26.12			
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	26.12	26.27	26.07			
Channel				513333	518598	533000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.91	2592.99	2670			
40	QPSK	1	1	26.16	26.25	26.12			
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	26.17	26.16	26.08			
Channel				513204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.92	2592.99	2679.99			
20	QPSK	1	1	26.12	26.17	26.08			
Channel				500700	518598	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.15	2592.99	2682.48			
15	QPSK	1	1	26.12	26.16	26.08			
Channel				500302	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	26.09	26.16	26.09			

<2.4GHz WLAN>

	Ant3	Full Power Head/Extremity/body-worn Standalone&Simultaneous				Hotspot Simultaneous		Duty Cycle %
		Mode	Channel	Frequency (MHz)	Average power (dbm)	Time-Up Limit	Average power (dbm)	
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.80	21.50	15.47	17.50	98.75
			6	2437	19.80	21.50	15.77	
			11	2462	19.50	21.00	15.42	
		1	2412	18.70	20.00	17.00	98.96	
			6	2437	19.70	21.00		17.00
			11	2462	19.10	20.50		17.00
	802.11g 6Mbps	1	2412	18.10	20.00	17.00	98.22	
			6	2437	19.80	21.50		17.00
			11	2462	19.20	20.50		17.00
		1	2412	18.10	20.00	17.00	98.22	
			6	2437	19.80	21.50		17.00
			11	2462	19.20	20.50		17.00

<5.2GHz WLAN>

	Ant3	Full Power- Extremity/Body-worn Standalone&Simultaneous				Head Standalone		Head Simultaneous		Hotspot Simultaneous		Duty Cycle %
		Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.76	19.50	18.00	15.50	14.50	98.62			
			44	5220	18.27	20.00	18.00	15.50		14.50		
			48	5240	18.49	20.00	18.00	15.50		14.50		
		36	5180	17.71	19.50	18.00	15.50	14.50				
			44	5220	18.29	19.50	18.00	15.50		14.50		
			48	5240	18.50	20.00	18.00	15.50		14.50		
	802.11n-HT40 MCS0	36	5180	11.85	13.50	13.50	13.50	13.50	96.18			
			46	5230	18.67	20.00	18.00	15.50		12.88	14.50	
			36	5180	18.50	19.50	15.50	14.50				
		44	5220	19.50	18.00	15.50	14.50	98.52				
			48	5240	20.00	18.00	15.50	14.50				
			36	5180	13.50	13.50	13.50	13.50		96.18		
	802.11ac-VHT20 MCS0	46	5230	20.00	18.00	15.50	14.50	96.18				
			42	5210	9.94	11.50	11.50	11.50	92.49			

<5.3GHz WLAN>

Ant		Full Power- Extremity/Body-worn Standalone/Simultaneous				Head Standalone		Head Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.46	19.00		18.50	16.00	98.62	
		60	5300	18.87	20.50		18.50	16.00		
		64	5320	17.31	19.00		18.50	16.00		
		52	5260	18.07	20.50		18.50	16.00		
		60	5300	18.87	20.00		18.50	16.00		
		64	5320	17.94	19.50		18.50	16.00		
	802.11n-HT40 MCS0	54	5270	18.04	19.50	16.05	16.00	14.48	98.18	
		62	5310	11.73	13.50	11.73	13.50	13.50		
		52	5260	20.50	19.50	16.00	14.50			
		60	5300	20.00	18.50	16.00	14.50			
		64	5320	19.50	18.50	16.00	14.50			
		54	5270	19.50	18.50	16.00	14.50			
	802.11ac-VHT40 MCS0	62	5310	13.50	13.50	13.50	13.50		92.49	
		58	5290	10.84	12.50	12.50	12.50			

<5.5GHz WLAN>

	Ant3	Mode	Channel	Frequency (MHz)	Full Power- Extremity-worn Standalone&Simultaneous		Head Standalone		Head Simultaneous		Duty Cycle %
					Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.5GHz WLAN	802.11a 6Mbps	100	5500	21.36	23.00	19.50	18.00	98.62			
			116	5580	20.32	22.00	19.50		18.00		
			140	5700	20.64	22.00	19.50		18.00		
		144	5720	20.64	22.00	19.50	18.00				
			100	5500	21.63	23.00	19.50	18.00			
			116	5580	20.44	21.50	19.50	18.00			
	802.11n-HT20 MCS0	140	5700	20.46	22.00	19.50	18.00	98.52			
			144	5720	20.79	22.00	19.50		18.00		
			102	5610	17.14	18.50	17.14		18.50		
		110	5550	20.12	21.50	18.21	19.50				
			134	5670	19.57	21.00	18.17	19.50			
			142	5710	20.14	21.50	18.15	19.50			
	802.11ac-VHT20 MCS0	100	5500	23.00	19.50	18.00	14.50	98.52			
			116	5580	21.50	19.50	18.00				
			140	5700	22.00	19.50	18.00				
		144	5720	22.00	19.50	18.00	14.50				
			102	5610	18.50	19.50	18.00				
			110	5550	21.50	19.50	18.00				
	802.11ac-VHT40 MCS0	134	5670	21.50	19.50	18.00	14.50	96.18			
			142	5710	21.50	19.50	18.00				
			106	5630	12.90	14.50	12.90	14.50			
		122	5610	16.84	18.50	16.84	16.51	18.00			
			138	5690	17.52	18.50	17.22	18.50			

<5.8GHz WLAN>

5.8GHz WLAN		Ant3	Full Power- Head Standalone Extremity/Body-worn		Isotsp Simultaneous		Head Simultaneous			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.8GHz WLAN	802.11a 6Mbps	149	5745	20.91	22.50	17.00	20.00			
		157	5785	19.93	21.50	17.00	20.00		98.62	
		165	5825	18.66	21.00	17.00	20.00			
		149	5745	20.82	22.50	17.00	20.00			
		157	5785	19.80	21.50	17.00	20.00		98.52	
		165	5825	18.54	21.00	17.00	20.00			
	802.11n-HT20 MCS0	151	5755	20.47	22.00	17.00	19.00	20.00		98.52
		159	5795	20.02	21.50	17.00	18.47	20.00		98.18
		149	5745	22.50		17.00	20.00			
		157	5785	21.50		17.00	20.00			98.52
		165	5825	21.00		17.00	20.00			
		151	5755	22.00		17.00	20.00			96.18
	802.11ac-VHT40 MCS0	159	5795	21.50		17.00	20.00			
		155	5775	17.34	19.00	15.47	17.34	20.00		92.49

<Bluetooth>

<Bluetooth>				Ant3		
Mode	Channel	Frequency (MHz)	Average power (dBm)			
BR / EDR	CH 00	2402	9.40	7.00	3Mbps 7.00	
	CH 39	2441	10.30	8.70	8.80	
	CH 78	2480	10.00	8.20	8.20	
	Time-up Limit		11	9.5	8.5	
	1Mbps					
Mode	Channel	Frequency (MHz)	Head/Extremity/Body-worn Standalone&Simultaneous Average power (dBm)			
LE	CH 00	2402	5.60			
	CH 19	2440	6.90			
	CH 39	2480	6.80			
	Time-up Limit		7.5			