

Full & Default & ECI4 Power

GSM850 Ant 0		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		834.2	836.4	848.8		834.2	836.4	848.8	
GSM 1 Tx slot		32.88	32.82	32.86	33.50	23.88	23.82	23.86	24.50
GPRS 1 Tx slot		32.86	32.80	32.85	33.50	23.86	23.80	23.85	24.50
GPRS 2 Tx slots		32.05	31.83	31.89	32.50	26.05	25.83	25.89	26.50
GPRS 3 Tx slots		30.29	30.08	30.11	31.50	26.03	25.82	25.85	27.24
GPRS 4 Tx slots		29.16	29.09	29.04	30.50	26.16	26.09	26.04	27.50
EDGE 1 Tx slot		26.69	26.78	26.62	28.00	17.69	17.78	17.62	19.00
EDGE 2 Tx slots		24.32	24.74	24.59	26.00	18.52	18.74	18.59	20.00
EDGE 3 Tx slots		22.81	22.67	22.66	24.00	18.35	18.41	18.40	19.74
EDGE 4 Tx slots		21.11	21.15	20.99	22.50	18.11	18.15	17.99	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dbm)
TX Channel		4132	4182	4233	
Rx Channel		4367	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.15	23.18	23.17	24.00
3GPP Rel 99	AMR 12.2Kbps	23.19	23.22	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.16	22.09	23.00
3GPP Rel 6	HSDPA Subtest-2	22.09	22.25	22.28	23.00
3GPP Rel 6	HSDPA Subtest-3	21.76	21.66	21.76	22.50
3GPP Rel 6	HSDPA Subtest-4	21.64	21.82	21.65	22.50
3GPP Rel 6	DCHSDPA Subtest-1	22.23	22.11	22.25	23.00
3GPP Rel 6	DCHSDPA Subtest-2	22.24	22.11	22.23	23.00
3GPP Rel 6	DCHSDPA Subtest-3	21.60	21.72	21.62	22.50
3GPP Rel 6	DCHSDPA Subtest-4	21.75	21.65	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.13	22.16	22.08	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.19	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.21	21.14	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.24	20.32	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.17	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.66	19.76	20.50

Band 5 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power High Ch./F.Freq.	Power High Ch./F.Freq.	Turn-up Time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.95	22.96	22.95				
10	QPSK	1	25	22.76	22.91	22.72	24	0		
10	QPSK	1	49	22.83	22.87	22.78				
10	QPSK	25	0	21.85	22.02	21.81				
10	QPSK	25	12	21.82	21.98	21.71	23	1		
10	QPSK	25	25	21.79	21.88	21.76				
10	QPSK	50	0	21.76	22.00	21.76				
10	16QAM	1	0	21.64	21.80	21.75				
10	16QAM	1	25	21.73	21.86	21.80	23	1		
10	16QAM	1	49	21.72	21.85	21.83				
10	16QAM	5	0	20.77	20.84	20.70				
10	16QAM	25	12	20.87	20.95	20.77	22	2		
10	16QAM	25	25	20.91	20.95	20.94				
10	16QAM	50	0	20.92	20.96	20.94				
10	16QAM	1	0	20.86	20.95	20.95				
10	16QAM	1	25	20.78	20.95	20.83	22	2		
10	16QAM	1	49	20.83	20.85	20.75				
10	16QAM	25	0	19.78	19.97	19.84				
10	16QAM	25	12	19.90	19.95	19.95	21	3		
10	16QAM	25	25	19.85	19.95	19.73				
10	16QAM	50	0	19.74	19.93	19.57				
10	256QAM	1	0	17.84	17.91	17.81				
10	256QAM	1	25	17.68	18.01	17.85	19	5		
10	256QAM	1	49	18.08	18.04	17.93				
10	256QAM	25	0	17.88	18.06	17.87				
10	256QAM	25	12	17.97	17.98	17.89				
10	256QAM	25	25	17.66	17.90	17.85	19	5		
10	256QAM	50	0	17.74	17.74	17.74				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.78	22.79	22.73				
5	QPSK	1	12	22.76	22.83	22.82	24	0		
5	QPSK	1	24	22.73	22.82	22.87				
5	QPSK	12	0	21.81	21.88	21.88				
5	QPSK	12	7	21.80	21.92	21.79	23	1		
5	QPSK	12	8	21.88	21.85	21.85				
5	QPSK	25	0	21.80	21.98	21.70				
5	16QAM	1	0	21.55	21.70	21.58				
5	16QAM	1	12	21.85	21.88	21.76	23	1		
5	16QAM	1	24	21.70	21.82	21.84				
5	16QAM	12	0	20.64	20.67	20.72				
5	16QAM	12	7	20.87	20.92	20.74	22	2		
5	16QAM	12	8	20.92	20.94	20.85				
5	16QAM	25	0	20.73	20.95	20.49				
5	16QAM	25	7	20.86	20.95	20.45				
5	16QAM	1	12	20.87	20.94	20.85	22	2		
5	16QAM	1	24	20.67	20.81	20.76				
5	16QAM	12	0	19.64	19.90	19.44				
5	16QAM	12	7	19.81	19.75	19.40	21	3		
5	16QAM	12	13	19.79	19.86	19.57				
5	16QAM	25	0	19.96	19.87	19.37				
5	256QAM	1	0	17.91	17.79	18.02				
5	256QAM	1	12	17.81	17.82	17.78	19	5		
5	256QAM	1	24	17.80	17.86	17.81				
5	256QAM	12	0	17.91	17.91	17.84				
5	256QAM	12	7	17.80	17.77	17.77	19	5		
5	256QAM	12	13	17.81	17.77	17.86				
5	256QAM	25	0	17.88	17.81	17.81				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.96	22.92	22.84				
3	QPSK	1	8	22.95	22.83	22.94	24	0		
3	QPSK	1	14	22.85	22.81	22.70				
3	QPSK	8	0	21.84	21.89	21.78				
3	QPSK	8	7	21.77	21.79	21.82	23	1		
3	QPSK	8	7	21.68	21.72	21.75				
3	QPSK	15	0	21.63	21.84	21.63				
3	16QAM	1	0	21.59	21.72	21.60				
3	16QAM	1	8	21.74	21.69	21.69	23	1		
3	16QAM	1	14	21.58	21.88	21.62				
3	16QAM	8	0	20.59	20.75	20.71				
3	16QAM	8	7	20.88	20.69	20.44	22	2		
3	16QAM	15	0	20.79	20.76	20.44				
3	16QAM	1	0	20.82	20.94	20.51				
3	16QAM	1	8	20.75	20.74	20.65	22	2		
3	16QAM	1	14	20.81	20.83	20.86				
3	16QAM	8	0	19.78	19.80	19.47				
3	16QAM	8	4	19.76	19.83	19.36	21	3		
3	16QAM	8	7	19.84	19.83	19.86				
3	16QAM	15	0	19.55	19.63	19.36				
3	256QAM	1	0	17.73	17.86	17.89				
3	256QAM	1	8	17.86	17.84	17.82	19	5		
3	256QAM	1	14	17.91	17.94	17.83				
3	256QAM	8	0	17.67	17.88	17.79				
3	256QAM	8	4	17.86	17.77	17.86				
3	256QAM	8	7	17.97	17.73	17.82	19	5		
3	256QAM	15	0	17.86	17.80	17.86				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.76	22.92	22.86				
1.4	QPSK	1	3	22.72	22.88	22.92	24	0		
1.4	QPSK	1	5	22.74	22.86	22.98				
1.4	QPSK	3	0	22.77	22.84	22.80				
1.4	QPSK	3	1	22.71	22.82	22.98				
1.4	QPSK	3	3	22.84	22.87	22.79				
1.4	QPSK	6	0	21.73	21.83	21.73	23	1		
1.4	16QAM	1	0	21.62	21.67	21.63				
1.4	16QAM	1	3	21.54	21.67	21.67				
1.4	16QAM	1	5	21.62	21.77	21.60	23	1		
1.4	16QAM	3	0	21.57	21.69	21.70				
1.4	16QAM	3	1	21.62	21.71	21.71				
1.4	16QAM	3	3	21.67	21.74	21.74				
1.4	16QAM	6	0	20.72	20.88	20.68	22	2		
1.4	16QAM	1	0	20.75	20.80	20.48				
1.4	16QAM	1	3	20.58	20.81	20.41				
1.4	16QAM	1	5	20.81	20.67	20.71	22	2		
1.4	16QAM	3	0	20.68	20.83	20.48				
1.4	16QAM	3	1	20.90	20.95	20.95				
1.4	16QAM	3	3	20.67	20.63	20.59				
1.4	16QAM	6	0	19.62	19.92	19.53	21	3		
1.4	256QAM	1	0	17.64	17.87	17.82				
1.4	256QAM	1	3	17.77	18.02	17.91				
1.4	256QAM	1	5	17.88	17.94	17.86	19	5		
1.4	256QAM	3	0	17.72	17.92	17.88				
1.4	256QAM	3	1	17.76	17.85	17.85				
1.4	256QAM	3	3	17.86	17.83	17.84				
1.4	256QAM	6	0	17.64	17.85	17.80	19	5		

Band 12 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. 20000	Power High Ch. 20000	Power High Ch. 21310	Turn-up Time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.98	22.96	22.97				
10	QPSK	1	25	22.87	22.82	22.85	24	0		
10	QPSK	1	49	22.88	22.78	22.78				
10	QPSK	25	5	21.86	21.92	21.79				
10	QPSK	25	12	21.79	21.90	21.78	23	1		
10	QPSK	25	25	21.82	21.80	21.82				
10	QPSK	50	0	21.87	21.88	21.79				
10	16QAM	1	0	21.76	21.86	21.62				
10	16QAM	1	25	21.80	21.79	21.70	23	1		
10	16QAM	1	49	21.78	21.78	21.70				
10	16QAM	25	0	20.91	20.83	20.75				
10	16QAM	25	12	20.87	20.78	20.75	22	2		
10	16QAM	25	25	20.92	20.87	20.82				
10	16QAM	50	0	20.81	20.91	20.75				
10	16QAM	1	0	20.85	20.72	20.64				
10	16QAM	1	25	20.80	20.83	20.55	22	2		
10	16QAM	1	49	20.81	20.74	20.65				
10	16QAM	25	0	19.51	19.70	19.61				
10	16QAM	25	12	19.58	19.73	19.59	21	3		
10	16QAM	25	25	19.53	19.77	19.74				
10	16QAM	50	0	19.58	19.75	19.75				
10	25QAM	1	0	17.76	17.69	17.70				
10	25QAM	1	25	17.89	17.81	17.74	19	5		
10	25QAM	1	49	17.86	17.77	17.78				
10	25QAM	25	0	17.79	17.92	17.82				
10	25QAM	25	12	17.84	17.85	17.78				
10	25QAM	25	25	17.72	17.86	17.72	19	5		
10	25QAM	50	0	17.80	17.79	17.81				
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.05	20.06	20.09	Turn-up Time (min)	MFR (dB)		
3	QPSK	1	25	20.28	20.08	20.02	24	0		
3	QPSK	1	49	20.28	20.08	20.02				
3	QPSK	12	5	21.83	21.92	21.73				
3	QPSK	12	7	21.59	21.74	21.68	23	1		
3	QPSK	12	13	21.48	21.68	21.68				
3	QPSK	25	0	21.51	21.82	21.68				
3	16QAM	1	0	21.67	21.77	21.68				
3	16QAM	1	25	21.73	21.75	21.65	23	1		
3	16QAM	1	49	21.78	21.59	21.72				
3	16QAM	12	0	20.92	20.81	20.87				
3	16QAM	12	7	20.74	20.66	20.62	22	2		
3	16QAM	12	13	20.64	20.64	20.55				
3	16QAM	25	0	20.77	20.87	20.68				
3	16QAM	1	0	20.73	20.56	20.63				
3	16QAM	1	25	20.75	20.60	20.67	22	2		
3	16QAM	1	49	20.74	20.57	20.65				
3	16QAM	12	0	19.38	19.64	19.47				
3	16QAM	12	7	19.43	19.74	19.45	21	3		
3	16QAM	12	13	19.43	19.63	19.63				
3	16QAM	25	0	19.65	19.60	19.57				
3	25QAM	1	0	17.77	17.89	17.78				
3	25QAM	1	25	17.81	17.77	17.65				
3	25QAM	1	49	17.81	17.77	17.65				
3	25QAM	12	0	17.74	17.73	17.71				
3	25QAM	12	7	17.86	17.92	17.87				
3	25QAM	12	13	17.80	17.89	17.80	19	5		
3	25QAM	25	0	17.80	17.88	17.88				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.95	22.91	22.98	Turn-up Time (min)	MFR (dB)		
3	QPSK	1	25	22.86	22.81	22.77	24	0		
3	QPSK	1	49	22.86	22.64	22.76				
3	QPSK	8	0	21.71	21.84	21.78				
3	QPSK	8	4	21.67	21.84	21.65	23	1		
3	QPSK	8	12	21.68	21.58	21.68				
3	QPSK	16	0	21.67	21.79	21.71				
3	16QAM	1	0	21.69	21.70	21.61				
3	16QAM	1	25	21.75	21.75	21.65	23	1		
3	16QAM	1	49	21.76	21.75	21.65				
3	16QAM	16	0	21.68	21.80	21.71				
3	16QAM	8	0	20.92	20.82	20.87				
3	16QAM	8	4	20.78	20.80	20.55	22	2		
3	16QAM	8	12	20.79	20.79	20.70				
3	16QAM	16	0	20.05	20.75	20.52				
3	16QAM	1	0	20.73	20.56	20.61				
3	16QAM	1	25	20.81	20.67	20.64	23	2		
3	16QAM	1	49	20.71	20.54	20.61				
3	16QAM	8	0	19.32	19.48	19.48				
3	16QAM	8	4	19.67	19.78	19.55	21	3		
3	16QAM	8	12	19.67	19.66	19.66				
3	16QAM	16	0	19.54	19.58	19.57				
3	25QAM	1	0	17.88	17.89	17.56				
3	25QAM	1	25	17.86	17.72	17.50	19	5		
3	25QAM	1	49	17.87	17.78	17.50				
3	25QAM	8	0	17.76	17.87	17.59				
3	25QAM	8	4	17.72	17.84	17.77				
3	25QAM	8	12	17.86	17.82	17.77	19	5		
3	25QAM	16	0	17.80	17.87	17.88				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.73	22.74	22.77	Turn-up Time (min)	MFR (dB)		
1.4	QPSK	1	25	22.68	22.68	22.63	24	0		
1.4	QPSK	1	50	22.71	22.68	22.63				
1.4	QPSK	3	0	22.58	22.70	22.62				
1.4	QPSK	3	1	22.64	22.64	22.58	23	1		
1.4	QPSK	3	2	22.76	22.53	22.63				
1.4	QPSK	6	0	21.66	21.88	21.63	23	1		
1.4	16QAM	1	0	21.56	21.65	21.56				
1.4	16QAM	1	25	21.70	21.75	21.61	23	1		
1.4	16QAM	1	50	21.49	21.77	21.41				
1.4	16QAM	3	0	21.77	22.00	21.60				
1.4	16QAM	3	1	21.57	21.58	21.72				
1.4	16QAM	3	2	21.57	21.57	21.72	22	2		
1.4	16QAM	6	0	20.69	20.88	20.53				
1.4	16QAM	1	0	20.67	20.71	20.58				
1.4	16QAM	1	25	20.68	20.62	20.62	22	2		
1.4	16QAM	1	50	20.78	20.63	20.58				
1.4	16QAM	3	0	20.71	20.78	20.42				
1.4	16QAM	3	1	20.83	20.81	20.76	21	3		
1.4	16QAM	3	2	20.98	20.98	20.98				
1.4	25QAM	1	0	17.85	17.87	17.60				
1.4	25QAM	1	25	17.76	17.86	17.67				
1.4	25QAM	1	50	17.76	17.86	17.67				
1.4	25QAM	3	0	17.90	17.92	17.84	19	5		
1.4	25QAM	3	1	17.76	17.86	17.75				
1.4	25QAM	3	2	17.85	17.62	17.85				
1.4	25QAM	6	0	17.82	17.80	17.60	19	5		

Band 17 Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch / Freq	Power Lvl Ch / Freq	Power Lvl Ch / Freq	Turn-on Time (s)	MPR (dB)		
Channel										
				29390	29390	29390				
				Frequency (MHz)	705	710	711			
10	QPSK	1	0	22.96	22.96	22.96				
10	QPSK	1	20	22.89	22.89	22.89	24	0		
10	QPSK	1	40	22.87	22.87	22.87				
10	QPSK	25	0	21.70	21.84	21.83				
10	QPSK	25	12	21.71	21.82	21.85	23	1		
10	QPSK	25	25	21.71	21.79	21.89				
10	QPSK	50	0	21.68	21.63	21.59				
10	16QAM	1	0	21.92	21.98	21.79				
10	16QAM	1	25	22.01	22.18	21.90	23	1		
10	16QAM	1	40	21.79	22.11	21.85				
10	16QAM	25	0	20.63	20.81	20.85				
10	16QAM	25	12	20.75	20.75	20.76	22	2		
10	16QAM	25	25	20.60	20.79	20.75				
10	16QAM	50	0	20.66	20.94	20.88				
10	8QAM	1	0	20.67	20.89	20.81				
10	8QAM	1	25	20.73	20.86	20.79	22	2		
10	8QAM	1	40	20.70	20.85	20.81				
10	8QAM	25	0	19.82	19.83	19.74				
10	8QAM	25	12	19.73	19.95	19.89	21	3		
10	8QAM	25	25	19.75	19.72	19.67				
10	8QAM	50	0	19.70	19.89	19.85				
10	25QAM	1	0	17.80	18.07	17.84				
10	25QAM	1	25	17.88	18.03	17.88	19	5		
10	25QAM	1	40	17.77	18.04	17.87				
10	25QAM	25	0	17.85	17.95	17.87				
10	25QAM	25	12	17.69	18.01	17.77	19	5		
10	25QAM	25	25	17.85	17.88	17.88				
10	25QAM	50	0	17.48	18.00	17.88				
Channel										
				29395	29395	29395				
				Frequency (MHz)	705.5	710	713.5		MPR (dB)	
5	QPSK	1	0	22.79	22.80	22.86				
5	QPSK	1	12	22.68	22.68	22.78	24	0		
5	QPSK	1	24	22.76	22.67	22.58				
5	QPSK	12	0	21.81	21.75	21.83				
5	QPSK	12	7	21.69	21.75	21.69	23	1		
5	QPSK	12	13	21.69	21.69	21.80				
5	QPSK	25	0	21.96	21.79	21.91				
5	16QAM	1	0	21.82	21.98	21.86				
5	16QAM	1	12	21.89	21.97	21.73	23	1		
5	16QAM	1	24	21.76	21.61	21.74				
5	16QAM	12	0	20.59	20.65	20.76				
5	16QAM	12	7	20.65	20.68	20.57	22	2		
5	16QAM	12	13	20.41	20.73	20.28				
5	16QAM	25	0	20.58	20.56	20.74				
5	8QAM	1	0	20.62	20.62	20.76	22	2		
5	8QAM	1	24	20.54	20.62	20.57				
5	8QAM	12	0	19.82	19.86	19.69				
5	8QAM	12	7	19.64	19.69	19.49	21	3		
5	8QAM	12	13	19.65	19.62	19.63				
5	25QAM	1	0	19.48	19.88	19.41				
5	25QAM	1	12	17.64	18.04	17.77				
5	25QAM	1	24	17.72	17.82	17.84	19	5		
5	25QAM	1	40	17.60	17.68	17.61				
5	25QAM	12	0	17.72	17.95	17.77				
5	25QAM	12	7	17.81	17.83	17.75				
5	25QAM	12	13	17.79	17.74	17.82	19	5		
5	25QAM	25	0	17.83	17.97	17.88				

Band 26 for FCC Ant 0										
BW (MHz)	Modulation	RB Slew	RB Offset	Power Lvl Ch / Freq	Power Lvl Ch / Freq	Power Lvl Ch / Freq	Turn-on Time (s)	APRS (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	20.75	20.75	20.75				
15	QPSK	1	37	22.88	22.98	22.99	24	0		
15	QPSK	1	74	22.87	23.02	22.94				
15	QPSK	36	0	21.83	21.83	22.01				
15	QPSK	36	20	21.88	21.86	21.90	23	1		
15	QPSK	36	30	21.95	21.92	22.05				
15	QPSK	75	0	21.94	21.92	22.00				
15	16QAM	1	0	21.95	21.92	21.99				
15	16QAM	1	37	21.92	22.02	21.98	23	1		
15	16QAM	1	74	21.87	22.01	21.94				
15	16QAM	36	0	20.98	20.93	21.00				
15	16QAM	36	20	20.83	20.92	20.94	22	2		
15	16QAM	36	30	20.80	20.90	20.82				
15	16QAM	75	0	21.00	20.94	20.96				
15	8QAM	1	0	20.81	20.98	20.98				
15	8QAM	1	37	21.03	20.82	20.95	22	2		
15	8QAM	1	74	20.81	21.00	20.85				
15	8QAM	36	0	19.95	19.91	19.97				
15	8QAM	36	20	20.02	19.95	19.99	21	3		
15	8QAM	36	30	19.85	19.88	19.86				
15	8QAM	75	0	19.89	19.92	19.91				
15	25QAM	1	0	18.04	18.00	18.16				
15	25QAM	1	37	18.13	18.05	17.97	19	5		
15	25QAM	1	74	18.13	18.02	18.14				
15	25QAM	36	0	17.93	18.00	18.03				
15	25QAM	36	20	18.12	18.04	17.94	19	5		
15	25QAM	36	30	18.13	17.97	18.16				
15	25QAM	75	0	17.92	18.04	17.99				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.79	22.90	22.98				
10	QPSK	1	25	22.79	22.93	22.87	24	0		
10	QPSK	1	40	22.79	22.91	22.87				
10	QPSK	25	0	21.65	21.97	21.98				
10	QPSK	25	12	21.60	21.74	21.81	23	1		
10	QPSK	25	25	21.69	21.76	21.85				
10	QPSK	50	0	21.83	21.93	21.79				
10	16QAM	1	0	21.81	21.92	21.84				
10	16QAM	1	25	21.83	21.92	21.84	23	1		
10	16QAM	1	40	21.65	21.89	21.85				
10	16QAM	25	0	21.05	20.88	20.95				
10	16QAM	25	12	20.65	20.86	20.80	22	2		
10	16QAM	25	25	20.69	20.76	20.82				
10	16QAM	50	0	21.02	20.80	20.79				
10	8QAM	1	0	20.79	20.82	20.82				
10	8QAM	1	25	20.68	20.77	20.82	22	2		
10	8QAM	1	40	20.65	20.94	20.86				
10	8QAM	25	0	19.67	19.88	19.78				
10	8QAM	25	12	20.00	19.78	19.82	21	3		
10	8QAM	25	25	20.00	19.82	19.80				
10	8QAM	50	0	19.84	19.92	19.94				
10	25QAM	1	0	17.68	17.66	18.02				
10	25QAM	1	25	18.05	18.06	17.65	19	5		
10	25QAM	1	40	17.65	17.60	17.69				
10	25QAM	25	0	18.05	18.03	17.99				
10	25QAM	25	12	18.00	17.94	17.85	19	5		
10	25QAM	25	25	17.99	17.99	17.81				
10	25QAM	50	0	17.67	17.92	17.90				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.69	22.82	22.81				
5	QPSK	1	12	22.81	22.98	22.82	24	0		
5	QPSK	12	0	21.77	21.99	21.89				
5	QPSK	12	7	21.83	21.85	21.88	23	1		
5	QPSK	12	13	21.73	21.79	21.79				
5	QPSK	25	0	21.76	21.90	21.93				
5	16QAM	1	0	21.85	21.76	21.95				
5	16QAM	1	12	21.73	21.97	21.89	23	1		
5	16QAM	1	24	21.79	21.90	21.85				
5	16QAM	12	0	20.92	20.85	21.04				
5	16QAM	12	7	20.92	20.74	20.82	22	2		
5	16QAM	12	13	20.69	20.84	20.81				
5	8QAM	1	0	20.60	20.81	20.97				
5	8QAM	1	12	20.63	20.82	20.94	22	2		
5	8QAM	1	24	20.61	20.79	20.94				
5	8QAM	12	0	19.66	19.76	19.85				
5	8QAM	12	7	20.02	19.80	19.84	21	3		
5	8QAM	12	13	19.70	19.89	19.91				
5	8QAM	25	0	19.68	19.75	19.91				
5	25QAM	1	0	17.85	17.83	17.99				
5	25QAM	1	12	17.81	17.85	17.93	19	5		
5	25QAM	1	24	17.68	17.90	18.03				
5	25QAM	12	0	17.98	18.01	17.87				
5	25QAM	12	7	17.89	17.86	17.89	19	5		
5	25QAM	12	13	17.9						

GSM1900 Ant.1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	861	810		512	861	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
Tx Channel								
Frequency (MHz)								
GSM 1 Tx slot	29.13	29.15	29.11	30.50	20.13	20.15	20.11	21.50
GPRS 1 Tx slot	29.10	29.12	29.09	30.50	20.10	20.12	20.09	21.50
GPRS 2 Tx slots	28.26	28.27	28.25	29.50	22.26	22.27	22.25	23.50
GPRS 3 Tx slots	26.29	26.27	26.29	27.50	22.02	22.01	22.03	23.24
GPRS 4 Tx slots	25.09	25.09	25.05	26.50	22.09	22.09	22.05	23.50
EDGE 1 Tx slot	25.58	25.63	25.63	26.50	16.58	16.63	16.63	17.50
EDGE 2 Tx slots	24.34	24.55	24.40	25.50	18.34	18.55	18.40	19.50
EDGE 3 Tx slots	22.27	22.47	22.25	23.50	18.01	18.21	17.99	19.24
EDGE 4 Tx slots	21.08	21.28	21.05	22.50	16.08	16.28	16.05	19.50

Band	WCDMA II Ant.1			Tune-up Limit (dBm)	WCDMA IV Ant.1			Tune-up Limit (dBm)
	9262	9400	9538		1512	1413	1513	
	9662	9800	9938		1537	1638	1738	
Rx Channel								
Frequency (MHz)								
3GPP Rel 99	1522.4	1650	1577.3	24.00	1742.4	1622.6	1752.3	24.00
3GPP Rel 99	AMA 12.2Kbps	23.10	23.11	23.09	24.00	23.15	23.31	23.28
3GPP Rel 99	RMC 12.2Kbps	23.13	23.15	23.11	24.00	23.18	23.33	23.32
3GPP Rel 6	HSDPA Subtest-1	22.13	22.18	21.99	23.00	22.20	22.32	22.21
3GPP Rel 6	HSDPA Subtest-2	22.09	22.18	22.07	23.00	22.21	22.31	22.12
3GPP Rel 6	HSDPA Subtest-3	21.61	21.60	21.78	22.50	21.58	21.71	21.52
3GPP Rel 6	HSDPA Subtest-4	21.54	21.72	21.48	22.50	21.63	21.58	21.71
3GPP Rel 6	DC-HSDPA Subtest-1	22.14	22.00	22.07	23.00	22.27	22.08	22.28
3GPP Rel 6	DC-HSDPA Subtest-2	22.22	21.98	22.15	23.00	22.09	22.22	22.23
3GPP Rel 6	DC-HSDPA Subtest-3	21.43	21.72	21.41	22.50	21.73	21.78	21.87
3GPP Rel 6	DC-HSDPA Subtest-4	21.54	21.55	21.49	22.50	21.65	21.74	21.67
3GPP Rel 6	HSUPA Subtest-1	22.09	22.12	22.03	23.00	22.17	22.10	22.40
3GPP Rel 6	HSUPA Subtest-2	20.07	20.10	20.02	21.00	20.32	20.42	20.32
3GPP Rel 6	HSUPA Subtest-3	21.06	21.14	21.12	22.00	21.40	21.26	21.19
3GPP Rel 6	HSUPA Subtest-4	20.27	20.11	20.10	21.00	20.14	20.49	20.35
3GPP Rel 6	HSUPA Subtest-5	22.11	22.05	21.99	23.00	22.22	22.34	22.27
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.51	19.56	19.67	20.50	19.70	19.78	19.60

Reduced Power Mode for ECI2

GSM850 Ant 0	Baseband Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	169	251		128	169	251	
TX Channel	624.2	836.4	948.8	624.2	836.4	948.8	624.2	836.4
Frequency (MHz)	624.2	836.4	948.8	624.2	836.4	948.8	624.2	836.4
GSM 1 Tx slot	32.88	32.62	32.66	33.50	23.88	23.62	23.66	24.50
GPRS 1 Tx slot	32.88	32.60	32.65	33.50	23.88	23.60	23.65	24.50
GPRS 2 Tx slots	32.05	31.83	31.89	32.50	26.05	25.83	25.89	26.50
GPRS 3 Tx slots	30.29	30.08	30.11	31.50	26.03	25.82	25.85	27.24
GPRS 4 Tx slots	29.16	29.09	29.04	30.50	26.16	26.09	26.04	27.50
EDGE 1 Tx slot	26.69	26.78	26.62	28.00	17.69	17.78	17.62	19.00
EDGE 2 Tx slots	24.52	24.74	24.59	26.00	18.52	18.74	18.59	20.00
EDGE 3 Tx slots	22.61	22.67	22.66	24.00	18.35	18.41	18.40	19.74
EDGE 4 Tx slots	21.11	21.15	20.99	22.50	18.11	18.15	17.99	18.99

Band	WCDMA V Ant 0			Tune-up Limit (dBm)	
	TX Channel	4152	4162		4233
	Rx Channel	4357	4407	4453	
	Frequency (MHz)	526.4	836.4	946.6	
3GPP Rel 99	AMR 12.2kbps	23.15	23.18	23.17	24.00
3GPP Rel 99	RMC 12.2kbps	23.19	23.22	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.16	22.09	23.00
3GPP Rel 6	HSDPA Subtest-2	22.09	22.25	22.28	23.00
3GPP Rel 6	HSDPA Subtest-3	21.76	21.68	21.76	22.50
3GPP Rel 6	HSDPA Subtest-4	21.64	21.82	21.65	22.50
3GPP Rel 8	DCH-HSDPA Subtest-1	22.23	22.11	22.25	23.00
3GPP Rel 8	DCH-HSDPA Subtest-2	22.24	22.11	22.23	23.00
3GPP Rel 8	DCH-HSDPA Subtest-3	21.60	21.72	21.62	22.50
3GPP Rel 8	DCH-HSDPA Subtest-4	21.75	21.65	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.13	22.16	22.08	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.19	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.21	21.14	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.24	20.32	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.17	22.19	23.00
3GPP Rel 7	HSPA+ (HSPA) Subtest-1	19.68	19.68	19.76	20.50

GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	651	810		512	651	810	
	Frequency (MHz)	1850.2	1860	1909.8	1850.2	1860	1909.8	
GSM 1 Tx slot	29.13	29.15	29.11	30.50	20.13	20.15	20.11	21.50
GSM 1 Tx slot	29.10	29.12	29.09	30.50	20.10	20.12	20.09	21.50
GPRS 2 Tx slots	28.26	28.27	28.25	29.50	22.26	22.27	22.25	23.50
GPRS 3 Tx slots	26.28	26.27	26.29	27.50	22.02	22.01	22.03	23.24
GPRS 4 Tx slots	25.09	25.09	25.05	26.50	22.09	22.09	22.05	23.50
EDGE 1 Tx slot	25.58	25.63	25.63	26.50	16.58	16.63	16.63	17.50
EDGE 2 Tx slots	24.34	24.55	24.40	25.50	18.34	18.55	18.40	19.50
EDGE 3 Tx slots	22.27	22.47	22.25	23.50	18.01	18.21	17.99	19.24
EDGE 4 Tx slots	21.08	21.25	21.05	22.50	18.08	18.25	18.05	19.50

Band		WCDMA II Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
RX Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.10	23.11	23.09	24.00	23.15	23.31	23.28	24.00
3GPP Rel 99	FRMC 12.2Kbps	23.13	23.15	23.11	24.00	23.18	23.33	23.32	24.00
3GPP Rel 6	HSDPA Subtest-1	22.13	22.16	21.99	23.00	22.20	22.32	22.21	23.00
3GPP Rel 6	HSDPA Subtest-2	22.09	22.18	22.07	23.00	22.21	22.31	22.12	23.00
3GPP Rel 6	HSDPA Subtest-3	21.61	21.60	21.78	22.50	21.58	21.71	21.52	22.50
3GPP Rel 6	HSDPA Subtest-4	21.54	21.72	21.48	22.50	21.83	21.58	21.71	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.14	22.06	22.07	23.00	22.27	22.08	22.26	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.22	21.96	22.15	23.00	22.08	22.22	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.43	21.72	21.41	22.50	21.73	21.78	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.54	21.55	21.49	22.50	21.65	21.74	21.67	22.50
3GPP Rel 6	HSUPA Subtest-1	22.09	22.12	22.03	23.00	22.17	22.10	22.40	23.00
3GPP Rel 6	HSUPA Subtest-2	20.07	20.10	20.02	21.00	20.32	20.42	20.32	21.00
3GPP Rel 6	HSUPA Subtest-3	21.06	21.14	21.12	22.00	21.40	21.26	21.19	22.00
3GPP Rel 6	HSUPA Subtest-4	20.27	20.11	20.10	21.00	20.14	20.49	20.35	21.00
3GPP Rel 6	HSUPA Subtest-5	22.11	22.05	21.99	23.00	22.22	22.34	22.27	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.51	19.56	19.67	20.50	19.70	19.78	19.60	20.50

[illegible]

Reduced Power Mode for ECI3

GSM850 Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	24.2	33.4	44.8		24.2	33.4	44.8	
Frequency (MHz)	29.36	29.09	29.18	30.10	20.36	20.09	20.18	21.10
GPRS 1 Tx slot	29.40	29.08	29.16	30.10	20.40	20.08	20.16	21.10
GPRS 2 Tx slots	28.53	28.30	28.39	29.10	22.53	22.30	22.39	23.10
GPRS 3 Tx slots	26.82	26.60	26.62	28.10	22.56	22.34	22.36	23.84
GPRS 4 Tx slots	25.72	25.81	25.64	27.10	22.72	22.81	22.64	24.10
EDGE 1 Tx slot	26.59	26.79	26.62	28.00	17.59	17.79	17.62	19.00
EDGE 2 Tx slots	24.52	24.74	24.59	26.00	18.52	18.74	18.59	20.00
EDGE 3 Tx slots	22.61	22.67	22.66	24.00	18.35	18.41	18.40	19.74
EDGE 4 Tx slots	21.11	21.15	20.99	22.50	18.11	18.15	17.99	19.50

Band		WCDMA V. Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.5	
3GPP Rel 99	AMR 12.2Kbps	21.18	21.16	21.19	22.70
3GPP Rel 99	RMC 12.2Kbps	21.27	21.31	21.30	22.70
3GPP Rel 6	HSDPA Subtest-1	20.15	20.14	20.06	21.70
3GPP Rel 6	HSDPA Subtest-2	20.10	20.23	20.28	21.70
3GPP Rel 6	HSDPA Subtest-3	19.75	19.66	19.79	21.20
3GPP Rel 6	HSDPA Subtest-4	19.61	19.79	19.64	21.20
3GPP Rel 6	DC-HSDPA Subtest-1	20.21	20.08	20.25	21.70
3GPP Rel 6	DC-HSDPA Subtest-2	20.21	20.11	20.25	21.70
3GPP Rel 6	DC-HSDPA Subtest-3	19.59	19.75	19.64	21.20
3GPP Rel 6	DC-HSDPA Subtest-4	19.75	19.66	19.63	21.20
3GPP Rel 6	HSUPA Subtest-1	20.10	20.17	20.09	21.70
3GPP Rel 6	HSUPA Subtest-2	18.26	18.22	18.12	19.70
3GPP Rel 6	HSUPA Subtest-3	19.21	19.19	19.16	20.70
3GPP Rel 6	HSUPA Subtest-4	18.29	18.27	18.35	19.70
3GPP Rel 6	HSUPA Subtest-5	20.12	20.20	20.10	21.70
3GPP Rel 7	HSPA+ (1QAM) Subtest-1	17.85	17.68	17.74	19.20

GSM1900 Ant.1	Burst Average Power (dBm)			Time-up Limit (dBm)	Frame Average Power (dBm)			Time-up Limit (dBm)
	512	861	810		512	861	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
TX Channel								
Frequency (MHz)	27.60	27.67	27.61	28.90	18.00	18.67	18.61	19.90
GPRS 1 Tx slot	27.58	27.66	27.63	28.90	18.58	18.66	18.63	19.90
GPRS 2 Tx slots	26.76	26.80	26.77	27.80	20.76	20.80	20.77	21.80
GPRS 3 Tx slots	24.81	24.79	24.78	25.80	20.55	20.52	20.53	21.84
GPRS 4 Tx slots	23.46	23.54	23.51	24.90	20.46	20.54	20.51	21.90
EDGE 1 Tx slot	25.58	25.63	25.63	26.50	16.58	16.63	16.63	17.50
EDGE 2 Tx slots	24.34	24.55	24.40	25.50	18.34	18.55	18.40	19.50
EDGE 3 Tx slots	22.27	22.47	22.25	23.50	18.01	18.21	17.99	19.24
EDGE 4 Tx slots	21.08	21.25	21.05	22.50	16.08	16.25	16.05	19.50

Band	WCDMA 8 Ant.1			Time-up Limit (dBm)	WCDMA 19 Ant.1			Time-up Limit (dBm)
	5282	9400	9538		1312	1413	1513	
	9502	9800	9939		1537	1638	1738	
Rx Channel								
Frequency (MHz)	1852.2	1880	1907.2	21.00	1712.2	1722.6	1732.2	20.10
3GPP Rel 99	AMR 12.2Kbps	20.09	20.12	20.11	21.00	18.92	19.10	19.10
3GPP Rel 99	RMC 12.2Kbps	20.11	20.18	20.16	21.00	19.03	19.13	19.11
3GPP Rel 6	HSDPA Subtest-1	19.13	19.16	18.96	20.00	18.01	18.14	18.00
3GPP Rel 6	HSDPA Subtest-2	19.05	19.16	19.09	20.00	18.02	18.08	17.93
3GPP Rel 6	HSDPA Subtest-3	18.62	18.58	18.77	19.50	17.36	17.54	17.30
3GPP Rel 6	HSDPA Subtest-4	18.57	18.70	18.48	19.50	17.65	17.35	17.54
3GPP Rel 6	DC-HSDPA Subtest-1	19.13	18.96	19.05	20.00	18.05	17.92	18.05
3GPP Rel 6	DC-HSDPA Subtest-2	19.25	18.92	19.16	20.00	17.88	18.05	18.04
3GPP Rel 6	DC-HSDPA Subtest-3	18.40	18.72	18.41	19.50	17.55	17.62	17.71
3GPP Rel 6	DC-HSDPA Subtest-4	18.57	18.55	18.45	19.50	17.47	17.51	17.46
3GPP Rel 6	HSUPA Subtest-1	19.07	19.15	19.05	20.00	17.98	17.93	18.20
3GPP Rel 6	HSUPA Subtest-2	17.04	17.14	17.04	18.00	16.11	16.24	16.12
3GPP Rel 6	HSUPA Subtest-3	18.08	18.12	18.12	19.00	17.17	17.03	17.01
3GPP Rel 6	HSUPA Subtest-4	17.30	17.10	17.08	18.00	15.96	16.31	16.19
3GPP Rel 6	HSUPA Subtest-5	19.08	19.07	19.01	20.00	18.00	18.17	18.07
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.52	16.58	16.69	17.50	15.53	15.59	15.37

Reduced Power Mode for ECI6

GSM50 Ant 0		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	835.4	846.6		824.2	835.4	846.6	
GSM 1 Tx slot		32.88	32.62	32.66	33.50	23.88	23.62	23.66	24.50
GPRS 1 Tx slot		32.88	32.60	32.65	33.50	23.88	23.60	23.65	24.50
GPRS 2 Tx slots		32.05	31.83	31.89	32.50	26.05	25.83	25.89	26.50
GPRS 3 Tx slots		30.29	30.08	30.11	31.50	26.03	25.82	25.85	27.24
GPRS 4 Tx slots		29.16	29.09	29.04	30.50	26.16	26.09	26.04	27.50
EDGE 1 Tx slot		26.69	26.76	26.62	26.00	17.69	17.76	17.62	19.00
EDGE 2 Tx slots		24.52	24.74	24.59	26.00	18.52	18.74	18.59	20.00
EDGE 3 Tx slots		22.61	22.67	22.66	24.00	18.35	18.41	18.40	19.74
EDGE 4 Tx slots		21.11	21.15	20.99	22.50	18.11	18.15	17.99	19.50

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
RX Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.15	23.18	23.17	24.00
3GPP Rel 99	AMR 12.2Kbps	23.19	23.22	23.20	24.00
3GPP Rel 6	HSDPA Subtest-1	22.16	22.16	22.09	23.00
3GPP Rel 6	HSDPA Subtest-2	22.09	22.25	22.28	23.00
3GPP Rel 6	HSDPA Subtest-3	21.76	21.66	21.76	22.50
3GPP Rel 6	HSDPA Subtest-4	21.64	21.62	21.65	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.23	22.11	22.25	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.24	22.11	22.23	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.60	21.72	21.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.75	21.65	21.60	22.50
3GPP Rel 6	HSUPA Subtest-1	22.13	22.16	22.08	23.00
3GPP Rel 6	HSUPA Subtest-2	20.23	20.19	20.12	21.00
3GPP Rel 6	HSUPA Subtest-3	21.23	21.21	21.14	22.00
3GPP Rel 6	HSUPA Subtest-4	20.30	20.24	20.32	21.00
3GPP Rel 6	HSUPA Subtest-5	22.09	22.17	22.10	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.68	19.66	19.76	20.50

GSM1900 Art.1	Burst Average Power (dBm)				Tune-up Limit (dBm)	Frame Average Power (dBm)				Tune-up Limit (dBm)
	512	661	810			512	661	810		
Tx Channel										
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8			
GSM 1 Tx slot	29.13	29.15	29.11	30.50	20.13	20.15	20.11	21.50		
GPRS 1 Tx slot	28.26	28.27	28.25	29.50	22.26	22.27	22.25	23.50		
GPRS 2 Tx slots	26.29	26.27	26.29	27.50	22.02	22.01	22.03	23.24		
GPRS 3 Tx slots										
GPRS 4 Tx slots	25.09	25.09	25.05	26.50	22.09	22.09	22.05	23.50		
EDGE 1 Tx slot	25.58	25.63	25.63	26.50	16.58	16.63	16.63	17.50		
EDGE 2 Tx slots	24.34	24.55	24.40	25.50	18.34	18.55	18.40	19.50		
EDGE 3 Tx slots	22.27	22.47	22.25	23.50	18.01	18.21	17.99	19.24		
EDGE 4 Tx slots	21.08	21.25	21.05	22.50	16.08	16.25	16.05	19.50		

Band	WCDMA II Art.1			Tune-up Limit (dBm)	WCDMA IV Art.1			Tune-up Limit (dBm)	
	9262	9400	9538		1512	1413	1513		
Rx Channel	9662	9800	9938	1537	1638	1738			
Frequency (MHz)	152.4	1620	157.6	22.70	172.4	162.5	172.5	22.80	
3GPP Rel 99	21.62	21.59	21.59	22.70	21.62	21.59	21.59	22.80	
3GPP Rel 99	RMC 12.2Kbps	21.64	21.68	21.66	22.70	21.64	21.68	21.61	22.80
3GPP Rel 6	HSDPA Subtest-1	20.60	20.65	20.53	21.70	20.60	20.65	20.53	21.80
3GPP Rel 6	HSDPA Subtest-2	20.60	20.65	20.55	21.70	20.60	20.65	20.55	21.80
3GPP Rel 6	HSDPA Subtest-3	20.13	20.12	20.29	21.20	20.13	20.12	20.29	21.30
3GPP Rel 6	HSDPA Subtest-4	20.05	20.25	19.96	21.20	20.05	20.25	19.96	21.30
3GPP Rel 6	DC-HSDPA Subtest-1	20.68	20.49	20.60	21.70	20.68	20.49	20.60	21.80
3GPP Rel 6	DC-HSDPA Subtest-2	20.71	20.46	20.68	21.70	20.71	20.46	20.68	21.80
3GPP Rel 6	DC-HSDPA Subtest-3	19.92	20.26	19.89	21.20	19.92	20.26	19.89	21.30
3GPP Rel 6	DC-HSDPA Subtest-4	20.03	20.06	20.00	21.20	20.03	20.06	20.00	21.30
3GPP Rel 6	HSUPA Subtest-1	20.57	20.63	20.56	21.70	20.57	20.63	20.56	21.80
3GPP Rel 6	HSUPA Subtest-2	18.61	18.62	18.50	19.70	18.61	18.62	18.50	19.80
3GPP Rel 6	HSUPA Subtest-3	19.58	19.61	19.62	20.70	19.58	19.61	19.62	20.80
3GPP Rel 6	HSUPA Subtest-4	18.74	18.59	18.58	19.70	18.74	18.59	18.58	19.80
3GPP Rel 6	HSUPA Subtest-5	20.60	20.57	20.52	21.70	20.60	20.57	20.52	21.80
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	18.04	18.10	18.15	19.20	18.04	18.10	18.15	19.30

Reduced Power Mode for ECI6_Other PA

Band 2 Ant 4										
Cell Group	Cell ID	Cell Type	Cell Name	Cell Type	Cell Name	Cell Type	Cell Name	Cell Type	Cell Name	Cell Type
Coverage										
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8
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16	16	16	16	16	16	16	16	16	16	16
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99	99	99	99	99	99	99	99	99	99	99
100	100	100	100	100	100	100	100	100	100	100
Coverage										
101	101	101	101	101	101	101	101	101	101	101
102	102	102	102	102	102	102	102	102	102	102
103	103	103	103	103	103	103	103	103	103	103
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144	144	144	144	144	144	144	144	144	144	144
145	145	145	145	145	145	145	145	145	145	145
146	146	146	146	146	146	146	146	146	146	146
147										

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Reduced Power Mode for ECI7

GSM850 Ant 0		Burst Average Power (dBm)			Tune-up Limit		Frame Average Power (dBm)			Tune-up Limit	
TX Channel		128	189	251			128	189	251		
Frequency (MHz)		824.2	836.4	848.8			824.2	836.4	848.8		
GSM 1 Tx slot		29.36	29.09	29.18	30.10		20.36	20.09	20.18	21.10	
GPRS 1 Tx slot		29.40	29.08	29.16	30.10		20.40	20.08	20.16	21.10	
GPRS 2 Tx slots		28.53	28.30	28.39	29.10		22.53	22.30	22.39	23.10	
GPRS 3 Tx slots		26.82	26.60	26.62	28.10		22.56	22.34	22.36	23.84	
GPRS 4 Tx slots		25.72	25.81	25.84	27.10		22.72	22.81	22.84	24.10	
EDGE 1 Tx slot		28.99	28.78	28.82	29.00		17.99	17.78	17.82	19.00	
EDGE 2 Tx slots		24.52	24.74	24.59	26.00		18.52	18.74	18.59	20.00	
EDGE 3 Tx slots		22.81	22.67	22.86	24.00		18.35	18.41	18.40	19.74	
EDGE 4 Tx slots		21.11	21.15	20.99	22.50		18.11	18.15	17.99	19.50	

Band		WCDMA V Ant 0			Tune-up Limit (dBm)
TX Channel		4192	4182	4233	
Rx Channel		4367	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.18	21.16	21.19	22.70
3GPP Rel 99	AMR 12.2Kbps	21.27	21.51	21.30	22.70
3GPP Rel 6	HSDPA Subtest-1	20.15	20.14	20.08	21.70
3GPP Rel 6	HSDPA Subtest-2	20.10	20.23	20.28	21.70
3GPP Rel 6	HSDPA Subtest-3	19.75	19.65	19.79	21.20
3GPP Rel 6	HSDPA Subtest-4	19.61	19.79	19.64	21.20
3GPP Rel 8	DCHSDPA Subtest-1	20.21	20.08	20.25	21.70
3GPP Rel 8	DCHSDPA Subtest-2	20.21	20.11	20.25	21.70
3GPP Rel 8	DCHSDPA Subtest-3	19.99	19.75	19.64	21.20
3GPP Rel 8	DCHSDPA Subtest-4	19.75	19.66	19.63	21.20
3GPP Rel 6	HSUPA Subtest-1	20.10	20.17	20.09	21.70
3GPP Rel 6	HSUPA Subtest-2	18.26	18.22	18.12	19.70
3GPP Rel 6	HSUPA Subtest-3	19.21	19.19	19.16	20.70
3GPP Rel 6	HSUPA Subtest-4	18.29	18.27	18.35	19.70
3GPP Rel 6	HSUPA Subtest-5	20.12	20.20	20.10	21.70
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	17.65	17.68	17.74	19.20

GSM1900 Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	651	810		512	651	810	
	1859.2	1860	1909.8		1859.2	1860	1909.8	
GSM 1 Tx slot	25.60	25.67	25.58	26.90	16.60	16.67	16.58	17.90
GPRS 1 Tx slot	25.59	25.64	25.58	26.90	16.59	16.64	16.58	17.90
GPRS 2 Tx slots	24.73	24.75	24.78	25.90	16.73	16.75	16.78	19.90
GPRS 3 Tx slots	22.80	22.78	22.79	23.80	16.54	16.52	16.53	19.64
GPRS 4 Tx slots	21.58	21.61	21.59	22.80	16.58	16.61	16.59	19.90
EDGE 1 Tx slot	25.58	25.63	25.63	26.50	16.58	16.63	16.63	17.50
EDGE 2 Tx slots	24.34	24.55	24.40	25.50	16.34	16.55	16.40	19.50
EDGE 3 Tx slots	22.27	22.47	22.25	23.50	16.01	16.21	17.99	19.24
EDGE 4 Tx slots	21.08	21.25	21.05	22.50	16.08	16.25	16.05	19.50

Band		WCDMA I Ant 1			Tune-up Limit (dBm)	WCDMA IV Ant 1			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9682	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	16.62	16.65	16.59	19.70	17.94	18.13	18.09	19.30
3GPP Rel 99	RM-C 12.2Kbps	16.62	16.66	16.65	19.70	16.03	16.14	16.12	19.30
3GPP Rel 6	HSDPA Subtest-1	17.59	17.63	17.46	18.70	17.03	17.17	17.04	18.30
3GPP Rel 6	HSDPA Subtest-2	17.54	17.66	17.58	18.70	17.06	17.07	16.91	18.30
3GPP Rel 6	HSDPA Subtest-3	17.12	17.04	17.23	18.20	16.40	16.51	16.26	17.80
3GPP Rel 6	HSDPA Subtest-4	17.11	17.16	16.96	18.20	16.62	16.32	16.55	17.80
3GPP Rel 6	DC-HSDPA Subtest-1	17.62	17.44	17.52	18.70	17.08	16.89	17.06	18.30
3GPP Rel 6	DC-HSDPA Subtest-2	17.79	17.42	17.63	18.70	16.84	17.05	17.06	18.30
3GPP Rel 6	DC-HSDPA Subtest-3	16.90	17.21	16.93	18.20	16.51	16.62	16.70	17.80
3GPP Rel 6	DC-HSDPA Subtest-4	17.07	17.07	16.98	18.20	16.50	16.50	16.47	17.80
3GPP Rel 6	HSUPA Subtest-1	17.55	17.61	17.53	18.70	17.01	16.96	17.19	18.30
3GPP Rel 6	HSUPA Subtest-2	15.57	15.65	15.51	16.70	15.15	15.25	15.11	16.30
3GPP Rel 6	HSUPA Subtest-3	16.61	16.64	16.64	17.70	16.14	16.00	16.00	17.30
3GPP Rel 6	HSUPA Subtest-4	15.80	15.61	15.59	16.70	15.15	15.29	15.18	16.30
3GPP Rel 6	HSUPA Subtest-5	17.59	17.59	17.54	18.70	16.96	17.20	17.11	18.30
3GPP Rel 7	HSPA+ (10QAM) Subtest-1	15.05	15.05	15.20	16.20	14.51	14.56	14.40	15.80

Band 41 Ant 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel										
Frequency (MHz)				39750	40185	40620	41055	41490		
				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	12.29	12.22	12.37	12.32	12.29	13.2	0
20	QPSK	1	49	11.82	12.16	12.22	12.26	12.25		
20	QPSK	1	99	12.10	12.21	12.16	12.17	12.19	13.2	0
20	QPSK	50	0	12.19	12.16	12.31	12.34	12.25		
20	QPSK	50	24	11.82	12.14	12.13	12.17	12.16	13.2	0
20	QPSK	50	50	12.07	12.14	12.12	12.09	12.13		
20	QPSK	100	0	12.27	12.17	12.30	12.28	12.21	13.2	0
20	16QAM	1	0	12.26	12.18	12.34	12.28	12.26		
20	16QAM	1	49	11.90	12.09	12.15	12.17	12.15	13.2	0
20	16QAM	1	99	12.00	12.16	12.08	12.12	12.16		
20	16QAM	50	0	12.16	12.12	12.25	12.15	12.17	13.2	0
20	16QAM	50	24	11.75	12.05	12.07	12.07	12.11		
20	16QAM	50	50	12.05	12.05	12.09	12.03	12.08	13.2	0
20	16QAM	100	0	12.23	12.15	12.22	12.20	12.16		
20	64QAM	1	0	12.25	12.13	12.34	12.26	12.21	13.2	0
20	64QAM	1	49	11.85	12.07	12.16	12.20	12.16		
20	64QAM	1	99	12.02	12.17	12.08	12.09	12.14	13.2	0
20	64QAM	50	0	12.10	12.09	12.28	12.20	12.16		
20	64QAM	50	24	11.73	12.11	12.07	12.08	12.10	13.2	0
20	64QAM	50	50	12.04	12.08	12.02	11.99	12.11		
20	64QAM	100	0	12.20	12.11	12.22	12.26	12.12	13.2	0
20	256QAM	1	0	12.23	12.19	12.34	12.26	12.26		
20	256QAM	1	49	11.90	12.10	12.13	12.23	12.22	13.2	0
20	256QAM	1	99	12.01	12.11	12.07	12.08	12.13		
20	256QAM	50	0	12.11	12.13	12.23	12.14	12.16	13.2	0
20	256QAM	50	24	11.76	12.06	12.09	12.07	12.09		
20	256QAM	50	50	12.00	12.10	12.04	12.04	12.04	13.2	0
20	256QAM	100	0	12.17	12.14	12.23	12.21	12.15		
Channel										
Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	12.25	12.17	12.34	12.26	12.26	13	0
15	QPSK	1	37	11.87	12.06	12.13	12.20	12.20		
15	QPSK	1	74	12.05	12.13	12.12	12.08	12.09	13.2	0
15	QPSK	36	0	12.11	12.09	12.26	12.15	12.18		
15	QPSK	36	20	11.76	12.07	12.05	12.14	12.13	13.2	0
15	QPSK	36	39	12.04	12.10	12.08	12.04	12.10		
15	QPSK	75	0	12.20	12.13	12.24	12.24	12.18	13.2	0
15	16QAM	1	0	12.23	12.10	12.28	12.23	12.18		
15	16QAM	1	37	11.85	12.07	12.12	12.09	12.11	13.2	0
15	16QAM	1	74	11.92	12.10	12.01	12.07	12.09		
15	16QAM	36	0	12.10	12.04	12.16	12.09	12.12	13.2	0
15	16QAM	36	20	11.71	11.99	12.03	12.02	12.03		
15	16QAM	36	39	11.97	12.01	12.00	11.96	12.01	13.2	0
15	16QAM	75	0	12.15	12.05	12.14	12.12	12.13		
15	64QAM	1	0	12.21	12.07	12.26	12.20	12.13	13.2	0
15	64QAM	1	37	11.78	12.03	12.10	12.18	12.10		
15	64QAM	1	74	11.92	12.09	12.05	12.02	12.09	13.2	0
15	64QAM	36	0	12.05	12.05	12.24	12.14	12.07		
15	64QAM	36	20	11.67	12.04	11.99	12.04	12.06	13.2	0
15	64QAM	36	39	11.97	12.05	11.97	11.91	12.02		
15	64QAM	75	0	12.15	12.02	12.16	12.17	12.05	13.2	0
15	256QAM	1	0	12.15	12.10	12.25	12.16	12.23		
15	256QAM	1	37	11.82	12.03	12.09	12.18	12.18	13.2	0
15	256QAM	1	74	11.98	12.04	12.00	12.05	12.09		
15	256QAM	36	0	12.02	12.04	12.19	12.12	12.13	13.2	0
15	256QAM	36	20	11.72	12.04	12.03	12.01	12.00		
15	256QAM	36	39	11.91	12.07	11.95	12.01	12.00	13.2	0
15	256QAM	75	0	12.15	12.05	12.16	12.17	12.07		
Channel										
Frequency (MHz)				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
				2501	2547	2593	2639	2685		
10	QPSK	1	0	12.24	12.16	12.30	12.23	12.25	13	0
10	QPSK	1	25	11.87	12.07	12.17	12.20	12.20		
10	QPSK	1	49	12.04	12.16	12.08	12.09	12.17	13.2	0
10	QPSK	25	0	12.15	12.09	12.29	12.19	12.16		
10	QPSK	25	12	11.79	12.07	12.11	12.13	12.07	13.2	0
10	QPSK	25	25	11.99	12.05	12.03	12.05	12.06		
10	QPSK	50	0	12.19	12.09	12.23	12.25	12.14	13.2	0
10	16QAM	1	0	12.19	12.09	12.24	12.18	12.23		
10	16QAM	1	25	11.81	12.05	12.07	12.11	12.06	13.2	0
10	16QAM	1	49	11.91	12.07	11.98	12.09	12.07		
10	16QAM	25	0	12.09	12.08	12.17	12.13	12.09	13.2	0
10	16QAM	25	12	11.69	11.96	11.99	12.02	12.03		
10	16QAM	25	25	11.97	12.00	12.03	11.99	12.03	13.2	0
10	16QAM	50	0	12.16	12.08	12.18	12.14	12.13		
10	64QAM	1	0	12.18	12.03	12.28	12.22	12.18	13.2	0
10	64QAM	1	25	11.82	11.99	12.10	12.17	12.09		
10	64QAM	1	49	11.93	12.15	12.03	12.03	12.12	13.2	0
10	64QAM	25	0	12.01	12.04	12.23	12.16	12.13		
10	64QAM	25	12	11.63	12.04	12.02	12.03	12.07	13.2	0
10	64QAM	25	25	11.97	11.99	11.96	11.93	12.08		
10	64QAM	50	0	12.17	12.06	12.13	12.22	12.04	13.2	0
10	256QAM	1	0	12.18	12.17	12.26	12.17	12.21		
10	256QAM	1	25	11.87	12.05	12.04	12.13	12.14	13.2	0
10	256QAM	1	49	11.96	12.07	12.05	12.03	12.09		
10	256QAM	25	0	12.07	12.07	12.20	12.11	12.13	13.2	0
10	256QAM	25	12	11.70	12.02	12.00	11.98	12.05		
10	256QAM	25	25	11.94	12.02	12.00	11.99	12.00	13.2	0
10	256QAM	50	0	12.13	12.05	12.15	12.15	12.12		
Channel										
Frequency (MHz)				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
				2498.5	2545.8	2593	2640.3	2687.5		
5	QPSK	1	0	12.24	12.21	12.34	12.29	12.21	13	0
5	QPSK	1	12	11.82	12.10	12.17	12.16	12.18		
5	QPSK	1	24	12.04	12.15	12.13	12.13	12.11	13.2	0
5	QPSK	12	0	12.12	12.07	12.24	12.17	12.17		
5	QPSK	12	7	11.73	12.07	12.11	12.13	12.11	13.2	0
5	QPSK	12	13	12.02	12.09	12.03	12.00	12.10		
5	QPSK	25	0	12.25	12.09	12.22	12.23	12.17	13.2	0
5	16QAM	1	0	12.17	12.09	12.31	12.24	12.18		
5	16QAM	1	12	11.83	11.99	12.06	12.09	12.12	13.2	0
5	16QAM	1	24	11.91	12.09	12.00	12.03	12.06		
5	16QAM	12	0	12.12	12.03	12.17	12.07	12.06	13.2	0
5	16QAM	12	7	11.70	12.02	12.04	12.01	12.03		
5	16QAM	12	13	12.02	11.97	12.06	11.95	12.02	13.2	0
5	16QAM	25	0	12.20	12.06	12.13	12.13	12.13		
5	64QAM	1	0	12.20	12.11	12.27	12.19</			

Reduced Power Mode for ECI7_Other PA

[illegible][illegible][illegible][illegible]

Band 66 Ant 4												
Set ID	Antenna	RF Box	RF ID	RF Type	Frequency (MHz)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Gain (dBi)
Frequency (MHz)												
00	CPRE	0	0	0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
01	CPRE	1	1	1	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
02	CPRE	2	2	2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
03	CPRE	3	3	3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
04	CPRE	4	4	4	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
05	CPRE	5	5	5	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
06	CPRE	6	6	6	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
07	CPRE	7	7	7	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
08	CPRE	8	8	8	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
09	CPRE	9	9	9	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
10	CPRE	10	10	10	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
11	CPRE	11	11	11	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
12	CPRE	12	12	12	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
13	CPRE	13	13	13	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
14	CPRE	14	14	14	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
15	CPRE	15	15	15	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
16	CPRE	16	16	16	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
17	CPRE	17	17	17	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
18	CPRE	18	18	18	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
19	CPRE	19	19	19	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
20	CPRE	20	20	20	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
21	CPRE	21	21	21	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
22	CPRE	22	22	22	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
23	CPRE	23	23	23	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
24	CPRE	24	24	24	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
25	CPRE	25	25	25	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
26	CPRE	26	26	26	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
27	CPRE	27	27	27	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
28	CPRE	28	28	28	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
29	CPRE	29	29	29	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
30	CPRE	30	30	30	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
31	CPRE	31	31	31	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
32	CPRE	32	32	32	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
33	CPRE	33	33	33	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
34	CPRE	34	34	34	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
35	CPRE	35	35	35	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
36	CPRE	36	36	36	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
37	CPRE	37	37	37	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
38	CPRE	38	38	38	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
39	CPRE	39	39	39	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
40	CPRE	40	40	40	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
41	CPRE	41	41	41	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
42	CPRE	42	42	42	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
43	CPRE	43	43	43	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
44	CPRE	44	44	44	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
45	CPRE	45	45	45	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
46	CPRE	46	46	46	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
47	CPRE	47	47	47	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
48	CPRE	48	48	48	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
49	CPRE	49	49	49	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
50	CPRE	50	50	50	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
51	CPRE	51	51	51	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
52	CPRE	52	52	52	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
53	CPRE	53	53	53	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
54	CPRE	54	54	54	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
55	CPRE	55	55	55	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
56	CPRE	56	56	56	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
57	CPRE	57	57	57	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
58	CPRE	58	58	58	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
59	CPRE	59	59	59	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
60	CPRE	60	60	60	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
61	CPRE	61	61	61	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
62	CPRE	62	62	62	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
63	CPRE	63	63	63	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
64	CPRE	64	64	64	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
65	CPRE	65	65	65	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
66	CPRE	66	66	66	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
67	CPRE	67	67	67	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
68	CPRE	68	68	68	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
69	CPRE	69	69	69	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
70	CPRE	70	70	70	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
71	CPRE	71	71	71	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
72	CPRE	72	72	72	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
73	CPRE	73	73	73	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
74	CPRE	74	74	74	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
75	CPRE	75	75	75	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
76	CPRE	76	76	76	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
77	CPRE	77	77	77	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
78	CPRE	78	78	78	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
79	CPRE	79	79	79	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
80	CPRE	80	80	80	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
81	CPRE	81	81	81	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
82	CPRE	82	82	82	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
83	CPRE	83	83	83	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
84	CPRE	84	84	84	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
85	CPRE	85	85	85	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
86	CPRE	86	86	86	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
87	CPRE	87	87	87	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
88	CPRE	88	88	88	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
89	CPRE	89	89	89	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
90	CPRE	90	90	90	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
91	CPRE	91	91	91	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
92	CPRE	92	92	92	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
93	CPRE	93	93	93	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
94	CPRE	94	94	94	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
95	CPRE	95	95	95	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
96	CPRE	96	96	96	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
97	CPRE	97	97	97	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
98	CPRE	98	98	98	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
99	CPRE	99	99	99	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
Frequency (MHz)												
00	CPRE	0	0	0	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
01	CPRE	1	1	1	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
02	CPRE	2	2	2	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
03	CPRE	3	3	3	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
04	CPRE	4	4	4	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
05	CPRE	5	5	5	10.00	10.00	10.00	10.00	10.00	10.00	10.00	0
06	CPRE	6	6	6	10.00	10.00	10.00	10.00	10			

Full & Default Power

n5 Ant 0

n5 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167200	168000	834	836.5
Frequency (MHz)								
20	PI2 BPSK	1	1	23.25	23.31	23.23	24.0	0.0
20	PI2 BPSK	1	53	23.11	23.30	23.22		
20	PI2 BPSK	1	104	23.25	23.25	23.22		
20	PI2 BPSK	50	0	22.91	22.98	22.93	23.5	0.5
20	PI2 BPSK	50	26	23.12	23.28	23.28	24.0	0.0
20	PI2 BPSK	50	56	22.82	22.94	22.88	23.5	0.5
20	PI2 BPSK	100	0	22.93	22.99	22.82		
20	QPSK	1	1	23.28	23.32	23.26	24.0	0.0
20	QPSK	1	53	23.30	23.31	23.09		
20	QPSK	1	104	23.23	23.26	23.18		
20	QPSK	50	0	22.25	22.46	22.33	23.0	1.0
20	QPSK	50	28	23.27	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.39	22.44	22.42	23.0	1.0
20	QPSK	100	0	22.46	22.47	22.34		
20	16QAM	1	1	22.06	22.06	21.90	23.0	1.0
20	64QAM	1	1	20.51	20.64	20.47	21.5	2.5
20	256QAM	1	1	19.27	19.29	19.16	19.5	4.5
Channel				166800	167300	168300	831.5	836.5
Frequency (MHz)								
15	QPSK	1	1	23.30	23.18	23.17	24.0	0.0
Channel				165800	167200	168800	829	836.5
Frequency (MHz)								
10	QPSK	1	1	23.21	23.26	23.10	24.0	0.0
Channel				165300	167300	169300	826.5	836.5
Frequency (MHz)								
5	QPSK	1	1	23.28	23.15	23.07	24.0	0.0

n12 Ant 0

n12 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	706.5	707.5
Frequency (MHz)				706.5				
15	PI/2 BPSK	1	1	23.12	23.14	23.16	24.0	0.0
15	PI/2 BPSK	1	40	23.02	23.11	23.11		
15	PI/2 BPSK	1	77	23.15	23.15	23.16	23.5	0.5
15	PI/2 BPSK	36	0	22.94	22.79	22.75		
15	PI/2 BPSK	36	22	22.97	23.09	23.07	24.0	0.0
15	PI/2 BPSK	36	43	22.58	22.75	22.66	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.77	22.76		
15	QPSK	1	1	23.15	23.19	23.12	24.0	0.0
15	QPSK	1	40	23.09	23.15	22.93		
15	QPSK	1	77	22.91	23.06	22.90	23.0	1.0
15	QPSK	36	0	22.67	22.81	22.84		
15	QPSK	36	22	23.11	23.17	23.15	24.0	0.0
15	QPSK	36	43	22.65	22.72	22.66	23.0	1.0
15	QPSK	75	0	22.69	22.79	22.59		
15	16QAM	1	1	21.77	21.83	21.74	23.0	1.0
15	64QAM	1	1	20.36	20.48	20.34	21.5	2.5
15	256QAM	1	1	18.91	19.12	19.09	19.5	4.5
Channel				140800	141500	142000	704	707.5
Frequency (MHz)				704				
10	QPSK	1	1	23.05	23.09	22.99	24.0	0.0
Channel				140300	141500	142100	701.5	707.5
Frequency (MHz)				701.5				
5	QPSK	1	1	23.04	23.09	22.93	24.0	0.0

n14 Ant 0

n14 Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up time (dBm)	MPR (dB)
Channel				158000	793	158400	793	796.5
Frequency (MHz)								
10	PI2 BPSK	1	1		23.26		24.0	0.0
10	PI2 BPSK	1	26		23.25			
10	PI2 BPSK	1	50		23.12		23.5	0.5
10	PI2 BPSK	25	0		22.91			
10	PI2 BPSK	25	14		23.17		24.0	0.0
10	PI2 BPSK	25	27		22.88		23.5	0.5
10	PI2 BPSK	50	0		22.89			
10	QPSK	1	1		23.29		24.0	0.0
10	QPSK	1	26		23.24			
10	QPSK	1	50		23.24		23.0	1.0
10	QPSK	25	0		22.44			
10	QPSK	25	14		23.21		24.0	0.0
10	QPSK	25	27		22.41		23.0	1.0
10	QPSK	50	0		22.39			
10	16QAM	1	1		22.00		23.0	1.0
10	64QAM	1	1		20.52		21.5	2.5
10	256QAM	1	1		19.18		19.5	4.5
Channel				158100	790.5	159100	790.5	796.5
Frequency (MHz)								
5	QPSK	1	1	23.28	23.06	23.08	24.0	0.0

n26 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				164500	165000	165500	24.0	0.0
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	23.06	23.26	23.07	24.0	0.0
20	PI2 BPSK	1	53	23.13	23.23	23.11		
20	PI2 BPSK	1	104	23.30	23.30	23.31		
20	PI2 BPSK	50	0	22.99	22.95	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.09	23.28	23.14	24.0	0.0
20	PI2 BPSK	50	56	22.83	22.93	22.89	23.5	0.5
20	PI2 BPSK	100	0	22.88	22.92	22.93	24.0	0.0
20	QPSK	1	1	23.29	23.33	23.31		
20	QPSK	1	51	23.20	23.30	23.23		
20	QPSK	1	104	23.17	23.23	23.24	23.0	1.0
20	QPSK	50	0	22.36	22.41	22.41		
20	QPSK	50	28	23.22	23.25	23.21		
20	QPSK	50	56	22.38	22.42	22.30	23.0	1.0
20	QPSK	100	0	22.37	22.41	22.20	23.0	1.0
20	16QAM	1	1	21.87	22.08	22.00	23.0	1.0
20	16QAM	1	1	20.60	20.65	20.60	21.5	2.5
20	256QAM	1	1	19.10	19.26	19.12	19.5	4.5
Channel				164300	166300	168300	24.0	0.0
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.29	23.16	23.10	24.0	0.0
Channel				163500	165500	167500	24.0	0.0
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.29	23.11	23.12	24.0	0.0
Channel				163300	166300	169300	24.0	0.0
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.11	23.24	23.13	24.0	0.0

n71 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				136100	136100	136100	24.0	0.0
Frequency (MHz)				680.5	680.5	680.5		
35	PI2 BPSK	1	1		23.13		24.0	0.0
35	PI2 BPSK	1	94		23.08			
35	PI2 BPSK	1	186		23.12			
35	PI2 BPSK	94	0		22.73		23.5	0.5
35	PI2 BPSK	94	47		23.05		24.0	0.0
35	PI2 BPSK	94	94		22.71		23.5	0.5
35	PI2 BPSK	186	0		22.72		24.0	0.0
35	QPSK	1	1		23.16			
35	QPSK	1	94		23.14			
35	QPSK	1	186		23.10		23.0	1.0
35	QPSK	94	0		22.23			
35	QPSK	94	47		23.13			
35	QPSK	94	94		22.21		23.0	1.0
35	QPSK	186	0		22.24		23.0	1.0
35	16QAM	1	1		21.96		23.0	1.0
35	16QAM	1	1		20.44		21.5	2.5
35	256QAM	1	1		19.08		19.5	4.5
Channel				136600	136100	136600	24.0	0.0
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.12	22.95	23.09	24.0	0.0
Channel				136100	137100	137100	24.0	0.0
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.90	23.00	23.11	24.0	0.0
Channel				134600	136100	137600	24.0	0.0
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.90	23.14	22.97	24.0	0.0
Channel				134100	136100	138100	24.0	0.0
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.10	22.98	22.91	24.0	0.0
Channel				133000	136100	138800	24.0	0.0
Frequency (MHz)				668	680.5	694		
10	QPSK	1	1	23.09	22.95	22.93	24.0	0.0
Channel				133100	136100	139100	24.0	0.0
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.09	23.03	23.01	24.0	0.0

n30 Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)				2310			
10	PI2 BPSK	1	1	23.35			
10	PI2 BPSK	1	25	23.31			
10	PI2 BPSK	1	50	23.29			
10	PI2 BPSK	25	0	22.88			
10	PI2 BPSK	25	14	23.22			
10	PI2 BPSK	25	27	22.85			
10	PI2 BPSK	50	0	22.80			
10	QPSK	1	1	23.37			
10	QPSK	1	25	23.29			
10	QPSK	1	50	23.30			
10	QPSK	25	0	22.33			
10	QPSK	25	14	23.25			
10	QPSK	25	27	22.42			
10	QPSK	50	0	22.37			
10	16QAM	1	1	21.58			
10	64QAM	1	1	20.35			
10	256QAM	1	1	19.21			
Channel				461500	462000	462500	
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	23.17	23.21	23.15	

n66 Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI2 BPSK	1	1	22.79	22.84	22.84	
40	PI2 BPSK	1	108	22.99	23.12	23.30	
40	PI2 BPSK	1	214	22.80	22.89	22.80	
40	PI2 BPSK	108	0	22.45	22.64	22.58	
40	PI2 BPSK	108	54	22.99	23.16	23.05	
40	PI2 BPSK	108	108	22.42	22.60	22.58	
40	PI2 BPSK	216	0	22.48	22.64	22.58	
40	QPSK	1	1	23.04	23.19	23.36	
40	QPSK	1	108	22.98	23.04	22.87	
40	QPSK	1	214	22.77	22.89	22.85	
40	QPSK	108	0	21.96	22.16	22.13	
40	QPSK	108	54	23.17	23.15	23.10	
40	QPSK	108	108	22.13	22.11	22.11	
40	QPSK	216	0	22.13	22.16	22.02	
40	16QAM	1	1	21.69	21.74	21.56	
40	64QAM	1	1	20.13	20.34	20.19	
40	256QAM	1	1	18.78	18.97	18.78	
Channel				345500	349000	352500	
Frequency (MHz)				1727.5	1745	1762.5	
35	QPSK	1	1	23.02	22.99	22.84	
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	22.93	23.02	22.88	
Channel				344500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	22.85	23.11	22.85	
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	22.86	23.13	22.84	
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	23.01	23.09	22.81	
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	22.88	23.07	22.82	
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	23.04	23.16	22.77	

n70 Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)					1762.5		
15	PI2 BPSK	1	1		22.98		
15	PI2 BPSK	1	40		23.09		
15	PI2 BPSK	1	77		22.97		
15	PI2 BPSK	36	0		22.61		
15	PI2 BPSK	36	22		23.12		
15	PI2 BPSK	36	43		22.63		
15	PI2 BPSK	75	0		22.68		
15	QPSK	1	1		23.15		
15	QPSK	1	40		23.11		
15	QPSK	1	77		22.99		
15	QPSK	36	0		22.12		
15	QPSK	36	22		23.13		
15	QPSK	36	43		22.14		
15	QPSK	75	0		22.16		
15	16QAM	1	1		21.63		
15	64QAM	1	1		20.43		
15	256QAM	1	1		19.04		
Channel				345000	345500	341000	
Frequency (MHz)				1705	1762.5	1705	
10	QPSK	1	1		23.03	23.11	
Channel				345500	345500	341500	
Frequency (MHz)				1697.5	1762.5	1707.5	
5	QPSK	1	1		23.00	23.11	

n41 PC2 Ant 1									
SW (MHz)	Modulation	SS Code	SS Code	Power Low (dBm)	Power High (dBm)	Power High (dBm)	Power High (dBm)	Training and Sync	MASS (dB)
Channel				700000	800000	900000	1000000		
100	PSK 16QAM	1	1	23.08	25.20	25.20	25.20		0.0
100	PSK 16QAM	1	2	23.07	25.20	25.20	25.20	27.0	0.0
100	PSK 16QAM	1	3	23.11	25.21	25.21	25.21		0.0
100	PSK 16QAM	1	4	23.07	25.20	25.20	25.20		0.0
100	PSK 16QAM	1	5	23.04	25.20	25.20	25.20		0.0
100	PSK 16QAM	1	6	23.08	25.21	25.21	25.21		0.0
100	PSK 16QAM	1	7	23.07	25.20	25.20	25.20		0.0
100	PSK 16QAM	1	8	23.06	25.20	25.20	25.20		0.0
100	QPSK	1	9	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	10	23.12	25.22	25.22	25.22	27.0	0.0
100	QPSK	1	11	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	12	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	13	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	14	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	15	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	16	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	17	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	18	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	19	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	20	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	21	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	22	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	23	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	24	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	25	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	26	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	27	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	28	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	29	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	30	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	31	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	32	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	33	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	34	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	35	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	36	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	37	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	38	23.07	25.20	25.20	25.20		0.0
100	QPSK	1	39	23.07	25.20	25.20	25.20		0.0
100	QPSK								

Part27Q n77 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		22.66				
100	PI2 BPSK	1	137		22.64		24.0	0.0	
100	PI2 BPSK	1	271		22.69				
100	PI2 BPSK	135	0		22.52		24.0	0.0	
100	PI2 BPSK	135	69		22.58		24.0	0.0	
100	PI2 BPSK	135	138		22.43		24.0	0.0	
100	PI2 BPSK	270	0		22.54				
100	QPSK	1	1		22.76				
100	QPSK	1	137		22.52		24.0	0.0	
100	QPSK	1	271		22.52				
100	QPSK	135	0		22.70		24.0	0.0	
100	QPSK	135	69		22.60		24.0	0.0	
100	QPSK	135	138		22.66				
100	QPSK	270	0		22.63		24.0	0.0	
100	16QAM	1	1		22.20		24.0	0.0	
100	64QAM	1	1		22.19		24.0	0.0	
100	256QAM	1	1		21.98				
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		22.64	22.70	22.67	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		22.74	22.70	22.54	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		22.57	22.60	22.52	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		22.63	22.65	22.50	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		22.53	22.59	22.42	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.58	22.64	22.48	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		22.74	22.70	22.64	24.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		22.65	22.56	22.46	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.63	22.65	22.47	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		22.60	22.60	22.47	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		22.56	22.51	22.48	24.0	0.0

Part27Q n77 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		25.65				
100	PI2 BPSK	1	137		25.61		27.0	0.0	
100	PI2 BPSK	1	271		25.56				
100	PI2 BPSK	135	0		24.72		26.5	0.5	
100	PI2 BPSK	135	69		25.53		27.0	0.0	
100	PI2 BPSK	135	138		25.18		26.5	0.5	
100	PI2 BPSK	270	0		25.10				
100	QPSK	1	1		25.57				
100	QPSK	1	137		25.70		27.0	0.0	
100	QPSK	1	271		25.67				
100	QPSK	135	0		24.81		26.0	1.0	
100	QPSK	135	69		25.68		27.0	0.0	
100	QPSK	135	138		24.98				
100	QPSK	270	0		24.75		26.0	1.0	
100	16QAM	1	1		24.18		26.0	1.0	
100	64QAM	1	1		22.64		24.5	2.5	
100	256QAM	1	1		21.61				
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		25.56	25.53	25.68	27.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		25.68	25.60	25.50	27.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		25.62	25.52	25.56	27.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		25.57	25.68	25.60	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		25.61	25.50	24.90	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		25.54	25.65	25.65	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		25.58	25.70	25.67	27.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		25.66	25.54	25.53	27.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		25.49	25.58	25.56	27.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		25.54	25.52	25.57	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		25.65	25.57	25.57	27.0	0.0

Part270 n78 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		22.42		24.0	0.0	
100	PI2 BPSK	1	137		22.33				
100	PI2 BPSK	1	271		22.48				
100	PI2 BPSK	135	0		22.46		24.0	0.0	
100	PI2 BPSK	135	69		22.42				
100	PI2 BPSK	135	138		22.69				
100	PI2 BPSK	270	0		22.46		24.0	0.0	
100	QPSK	1	1		22.71				
100	QPSK	1	137		22.70				
100	QPSK	1	271		22.69		24.0	0.0	
100	QPSK	135	0		22.69				
100	QPSK	135	69		22.69				
100	QPSK	135	138		22.56		24.0	0.0	
100	QPSK	270	0		22.50				
100	16QAM	1	1		22.18		24.0	0.0	
100	64QAM	1	1		22.33				
100	256QAM	1	1		21.38				
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.48		24.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.42		24.0	0.0	
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.46		24.0	0.0	
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3760.01			
60	QPSK	1	1		22.51		24.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		22.43		24.0	0.0	
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.42		24.0	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1		22.44		24.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		22.56		24.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		22.54		24.0	0.0	
Channel				647168	650000	652834			
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		22.53		24.0	0.0	
Channel				647000	650000	653000			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.42		24.0	0.0	
Channel									
Frequency (MHz)									

Part270 n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		25.53		27.0	0.0	
100	PI2 BPSK	1	137		25.50				
100	PI2 BPSK	1	271		25.44				
100	PI2 BPSK	135	0		25.18		26.5	0.5	
100	PI2 BPSK	135	69		25.53		27.0	0.0	
100	PI2 BPSK	135	138		25.09		26.5	0.5	
100	PI2 BPSK	270	0		25.15				
100	QPSK	1	1		25.77		27.0	0.0	
100	QPSK	1	137		25.50				
100	QPSK	1	271		25.87				
100	QPSK	135	0		24.71		26.0	1.0	
100	QPSK	135	69		25.70		27.0	0.0	
100	QPSK	135	138		24.90		26.0	1.0	
100	QPSK	270	0		24.50				
100	16QAM	1	1		24.29		26.0	1.0	
100	64QAM	1	1		22.83		24.5	2.5	
100	256QAM	1	1		21.27		22.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		25.50		26.8	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		25.53		27.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		25.61		27.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3760.01			
60	QPSK	1	1		25.56		26.8	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		25.57		26.8	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		25.53		26.8	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3765.01			
30	QPSK	1	1		25.65		26.8	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		25.73		26.8	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		25.72		26.6	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		25.52		26.8	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		25.63		27.0	0.0	

Part27Q n78 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		22.72				
100	PI2 BPSK	1	137		22.52		24.0	0.0	
100	PI2 BPSK	1	271		22.49				
100	PI2 BPSK	135	0		22.62		24.0	0.0	
100	PI2 BPSK	135	69		22.70		24.0	0.0	
100	PI2 BPSK	135	138		22.70		24.0	0.0	
100	PI2 BPSK	270	0		22.71				
100	QPSK	1	1		22.76				
100	QPSK	1	137		22.66		24.0	0.0	
100	QPSK	1	271		22.66				
100	QPSK	135	0		22.69		24.0	0.0	
100	QPSK	135	69		22.70		24.0	0.0	
100	QPSK	135	138		22.61		24.0	0.0	
100	QPSK	270	0		22.75				
100	16QAM	1	1		22.21		24.0	0.0	
100	64QAM	1	1		22.31		24.0	0.0	
100	256QAM	1	1		21.40		22.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495.01	3500.01	3505.02			
90	QPSK	1	1		22.63	22.66	24.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		22.63	22.73	24.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		22.60	22.76	24.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3510.01			
60	QPSK	1	1		22.71	22.74	24.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		22.60	22.70	24.0	0.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.61	22.63	24.0	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		22.63	22.62	24.0	0.0	
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		22.62	22.72	24.0	0.0	
Channel				630334	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.64	22.65	24.0	0.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		22.75	22.76	24.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		22.69	22.75	24.0	0.0	

Part27Q n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		25.63				
100	PI2 BPSK	1	137		25.60		27.0	0.0	
100	PI2 BPSK	1	271		25.57				
100	PI2 BPSK	135	0		24.99		26.5	0.5	
100	PI2 BPSK	135	69		25.96		27.0	0.0	
100	PI2 BPSK	135	138		24.99		26.5	0.5	
100	PI2 BPSK	270	0		24.64				
100	QPSK	1	1		25.75				
100	QPSK	1	137		25.98		27.0	0.0	
100	QPSK	1	271		25.99				
100	QPSK	135	0		24.88		26.0	1.0	
100	QPSK	135	69		25.65		27.0	0.0	
100	QPSK	135	138		24.88		26.0	1.0	
100	QPSK	270	0		24.66				
100	16QAM	1	1		24.23		26.0	1.0	
100	64QAM	1	1		22.92		24.5	2.5	
100	256QAM	1	1		21.33		22.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)		
Frequency (MHz)				3485	3500.01	3505.02	MPR (dB)		
90	QPSK	1	1		25.54	25.48	27.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)		
Frequency (MHz)				3489.02	3500.01	3510	MPR (dB)		
80	QPSK	1	1		25.50	25.59	27.0	0.0	
Channel				632334	633334	634334	Tune-up limit (dBm)		
Frequency (MHz)				3485.01	3500.01	3515.01	MPR (dB)		
70	QPSK	1	1		25.42	25.50	27.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)		
Frequency (MHz)				3480	3500.01	3520.02	MPR (dB)		
60	QPSK	1	1		25.61	25.48	25.52	27.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)		
Frequency (MHz)				3475.02	3500.01	3525	MPR (dB)		
50	QPSK	1	1		25.51	25.46	25.44	27.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)		
Frequency (MHz)				3470.01	3500.01	3530.01	MPR (dB)		
40	QPSK	1	1		25.58	25.45	25.42	27.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)		
Frequency (MHz)				3465	3500.01	3535.02	MPR (dB)		
30	QPSK	1	1		25.42	25.38	25.45	27.0	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)		
Frequency (MHz)				3462.51	3500.01	3537.51	MPR (dB)		
25	QPSK	1	1		25.52	25.98	25.52	27.0	0.0
Channel				630334	633334	636000	Tune-up limit (dBm)		
Frequency (MHz)				3460.02	3500.01	3540	MPR (dB)		
20	QPSK	1	1		25.59	25.44	25.44	27.0	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)		
Frequency (MHz)				3457.5	3500.01	3542.52	MPR (dB)		
15	QPSK	1	1		25.61	25.43	25.61	27.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)		
Frequency (MHz)				3455.01	3500.01	3545.01	MPR (dB)		
10	QPSK	1	1		25.41	25.56	25.53	27.0	0.0

n2 Ant 4									
BSD (MHz)	Modulation	RB Gsm	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	NOTE (dB)
Channel									
Frequency (MHz)				14.5	14.5	14.5	14.5		
40	Full BPSK	1	1	20.00	20.00	20.00	20.00		
40	Full BPSK	1	104	21.04	21.06	20.87	21.0	22.0	0.0
40	Full BPSK	1	204	21.05	21.03	20.91	21.0		
40	Full BPSK	104	0	20.00	20.77	20.30	20.5	21.5	0.5
40	Full BPSK	104	54	21.09	21.16	20.60	20.9	20.0	0.0
40	Full BPSK	104	100	20.97	20.80	20.67	21.0	21.5	0.5
40	Full BPSK	104	0	20.75	20.82	20.45	20.6		
40	QPSK	1	1	21.16	21.22	21.21	21.2		
40	QPSK	1	104	20.90	21.00	20.10	20.0	22.0	0.0
40	QPSK	1	204	20.09	21.02	20.00	20.0		
40	QPSK	104	0	20.07	20.07	20.00	20.0	21.0	1.0
40	QPSK	104	54	21.15	21.21	21.10	20.9		
40	QPSK	104	100	20.92	20.23	19.60	21.0	21.0	1.0
40	QPSK	104	0	20.00	20.00	20.00	20.0		
40	QPSK	1	1	19.95	19.76	19.55	20.0	21.0	1.0
40	QPSK	1	1	18.16	18.21	18.20	18.5	21.5	2.5
40	QPSK	1	1	18.00	18.07	18.07	18.5	18.5	4.5
Channel									
Frequency (MHz)				37000	37000	37000	Turnup, level (dB)	14.5	
10	QPSK	1	1	20.00	20.00	20.00	20.0	20.0	0.0
10	QPSK	1	1	20.00	21.03	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	Turnup, level (dB)	14.5	
30	QPSK	1	1	20.01	20.06	20.07	20.0	20.0	0.0
30	QPSK	1	1	20.01	20.06	20.07	20.0	20.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	Turnup, level (dB)	14.5	
20	QPSK	1	1	19.83.5	1.80	18.02.0	19.0	19.0	0.0
Channel									
Frequency (MHz)				1807.5	1.80	1802.0	18.0	18.0	0.0
10	QPSK	1	1	20.00	20.01	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	Turnup, level (dB)	14.5	
10	QPSK	1	1	20.00	20.01	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	Turnup, level (dB)	14.5	
10	QPSK	1	1	19.83.5	1.80	18.02.0	19.0	19.0	0.0
5	QPSK	1	1	20.04	20.04	21.00	20.0	20.0	0.0

n5 Ant 4									
BSD (MHz)	Modulation	RB Gsm	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	NOTE (dB)
Channel									
Frequency (MHz)				14.4	14.5	14.4	14.4		
30	Full BPSK	1	1	20.28	20.30	20.30	20.3		
30	Full BPSK	1	55	20.27	20.41	20.17	20.0	24.0	0.0
30	Full BPSK	1	104	20.36	20.27	20.17	20.0		
30	Full BPSK	55	0	20.00	20.00	20.07	20.5	20.5	0.5
30	Full BPSK	100	36	20.19	20.41	20.00	20.0	20.0	0.0
30	Full BPSK	100	80	20.01	20.01	20.00	20.0	20.0	0.5
30	Full BPSK	100	0	20.17	20.00	20.00	20.0		
30	QPSK	1	1	20.36	20.40	20.30	20.0		
30	QPSK	1	55	20.17	20.30	20.10	20.0	24.0	0.0
30	QPSK	1	104	20.13	20.22	20.00	20.0		
30	QPSK	100	0	20.02	20.41	20.47	20.0	1.0	
30	QPSK	100	36	20.00	20.10	20.00	20.0		
30	QPSK	100	80	20.00	20.01	20.00	20.0	1.0	
30	QPSK	100	0	20.00	20.00	20.00	20.0		
30	QPSK	1	1	21.17	21.06	21.05	21.0	21.0	1.0
30	QPSK	1	1	20.46	20.09	20.54	21.5	21.5	2.5
30	QPSK	1	1	19.10	19.27	19.10	19.5	19.5	4.5
Channel									
Frequency (MHz)				18000	18000	18000	Turnup, level (dB)	14.5	
10	QPSK	1	1	20.10	20.00	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				18000	18000	18000	Turnup, level (dB)	14.5	
10	QPSK	1	1	20.01	20.03	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				18000	18000	18000	Turnup, level (dB)	14.5	
5	QPSK	1	1	20.10	20.07	20.00	20.0	20.0	0.0

n12 Ant 4									
BSD (MHz)	Modulation	RB Gsm	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	NOTE (dB)
Channel									
Frequency (MHz)				14.5	14.5	14.5	14.5		
10	Full BPSK	1	1	20.28	20.30	20.30	20.3		
10	Full BPSK	1	46	20.23	20.00	20.00	20.0	24.0	0.0
10	Full BPSK	1	77	20.01	20.26	20.00	20.0		
10	Full BPSK	46	0	20.19	20.00	20.00	20.5	20.5	0.5
10	Full BPSK	100	36	20.01	20.10	20.00	20.0	20.0	0.0
10	Full BPSK	100	80	20.02	20.04	20.00	20.0	20.0	0.5
10	Full BPSK	100	0	20.10	20.17	20.00	20.0		
10	QPSK	1	1	20.31	20.34	20.31	20.3		
10	QPSK	1	46	20.11	20.00	20.00	20.0	24.0	0.0
10	QPSK	1	77	20.19	20.12	20.00	20.0		
10	QPSK	100	0	20.00	20.24	20.10	20.0	1.0	
10	QPSK	100	36	20.14	20.10	20.10	20.0		
10	QPSK	100	80	20.11	20.26	20.00	20.0	1.0	
10	QPSK	100	0	20.00	20.00	20.00	20.0		
10	QPSK	1	1	21.07	21.06	21.07	21.0	21.0	1.0
10	QPSK	1	1	20.36	20.06	20.00	21.5	21.5	2.5
10	QPSK	1	1	19.21	19.10	19.10	19.5	19.5	4.5
Channel									
Frequency (MHz)				18000	18000	18000	Turnup, level (dB)	14.5	
10	QPSK	1	1	20.07	20.17	20.00	20.0	20.0	0.0
Channel									
Frequency (MHz)				18000	18000	18000	Turnup, level (dB)	14.5	
5	QPSK	1	1	20.00	20.08	20.00	20.0	20.0	0.0

n14 Ant 4									
BID (MHz)	Modulation	RF Com	SB Offset	Power Level Ch / Freq	Power Slope Ch / Freq	Power Hgt Ch / Freq	Turn-up Int (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
10	Full BPSK	1	1	23.15			24.0	0.0	
10	Full BPSK	1	35	23.32					
10	Full BPSK	1	50	23.32			23.5	0.5	
10	Full BPSK	35	5	23.34					
10	Full BPSK	50	14	23.33			24.0	0.0	
10	Full BPSK	14	27	23.33					
10	Full BPSK	27	27	23.33			23.5	0.5	
10	Full BPSK	35	2	23.37					
10	QPSK	1	1	23.48			24.0	0.0	
10	QPSK	1	35	23.17					
10	QPSK	1	50	23.21			23.0	1.0	
10	QPSK	35	5	23.38					
10	QPSK	50	14	23.37			24.0	0.0	
10	QPSK	14	27	23.35					
10	QPSK	27	27	23.35			23.0	1.0	
10	QPSK	35	2	23.40					
10	QPSK	1	1	23.01			23.5	2.5	
10	QPSK	1	1	23.52					
10	QPSK	1	1	23.10			18.5	4.5	
Channel				180.000	180.000	180.000	Turn-up Int	dBm	
Frequency (MHz)				23.14	23.34	23.35	24.0	0.0	
5	QPSK	1	1	23.47	23.34	23.35	24.0	0.0	

n25 Ant 4									
BID (MHz)	Modulation	RF Com	SB Offset	Power Level Ch / Freq	Power Slope Ch / Freq	Power Hgt Ch / Freq	Turn up Int (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
40	Full BPSK	1	1	20.03	21.00	20.00	22.0	0.0	
40	Full BPSK	1	104	20.00	21.14	20.00			
40	Full BPSK	1	214	20.05	21.08	21.02	21.5	0.5	
40	Full BPSK	104	5	20.00	20.75	20.00			
40	Full BPSK	104	54	21.00	21.12	21.10	22.0	0.0	
40	Full BPSK	54	100	20.00	20.88	20.00			
40	Full BPSK	100	100	20.00	20.88	20.00	21.5	0.5	
40	Full BPSK	104	2	20.00	20.82	20.00			
40	QPSK	1	1	20.09	21.00	20.00	22.0	0.0	
40	QPSK	1	104	21.00	21.10	21.00			
40	QPSK	1	214	21.04	20.88	21.04	21.0	1.0	
40	QPSK	104	5	20.16	20.24	20.07			
40	QPSK	104	54	21.01	21.00	21.00	21.0	1.0	
40	QPSK	100	100	20.11	20.12	20.00			
40	QPSK	100	2	20.00	20.00	20.00	21.0	1.0	
40	QPSK	1	1	19.75	19.82	19.00			
40	QPSK	1	1	19.30	19.32	19.10	19.0	2.5	
40	QPSK	1	1	19.01	19.00	19.00	17.5	4.5	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				20.00	20.04	20.00	22.0	0.0	
35	QPSK	1	1	20.08	20.06	20.04	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				20.00	20.00	20.00	22.0	0.0	
30	QPSK	1	1	21.00	21.05	20.70	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				19.95	19.95	19.95	22.0	0.0	
25	QPSK	1	1	20.07	20.07	20.00	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				19.90	19.90	19.90	22.0	0.0	
20	QPSK	1	1	20.09	20.08	20.00	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				19.75	19.75	19.75	22.0	0.0	
15	QPSK	1	1	20.18	20.08	20.00	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				19.90	19.90	19.90	22.0	0.0	
10	QPSK	1	1	20.07	20.10	20.00	22.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				19.95	19.95	19.95	22.0	0.0	
5	QPSK	1	1	20.00	20.00	20.00	22.0	0.0	

n26 Ant 4									
BID (MHz)	Modulation	RF Com	SB Offset	Power Level Ch / Freq	Power Slope Ch / Freq	Power Hgt Ch / Freq	Turnup Int (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
20	Full BPSK	1	1	23.48	180.0	180.0	24.0	0.0	
20	Full BPSK	1	35	23.30	23.38	23.37			
20	Full BPSK	1	104	23.32	23.41	23.40	23.5	0.5	
20	Full BPSK	35	5	23.39	23.10	23.07			
20	Full BPSK	104	36	23.30	23.44	23.17	24.0	0.0	
20	Full BPSK	36	100	23.30	23.38	23.30			
20	Full BPSK	100	100	23.31	23.38	23.30	23.5	0.5	
20	Full BPSK	104	2	23.39	23.40	23.32			
20	QPSK	1	1	23.37	23.35	23.30	24.0	0.0	
20	QPSK	1	104	23.32	23.27	23.28			
20	QPSK	1	1	23.43	23.43	23.40	23.0	1.0	
20	QPSK	35	5	23.30	23.30	23.37			
20	QPSK	100	56	23.40	23.43	23.37	23.0	1.0	
20	QPSK	100	56	23.40	23.43	23.37			
20	QPSK	100	2	23.37	23.37	23.30	23.5	2.5	
20	QPSK	1	1	23.07	23.25	23.00			
20	QPSK	1	1	23.40	23.40	23.35	23.5	2.5	
20	QPSK	1	1	19.01	19.00	19.00	18.5	4.5	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				23.48	23.40	23.40	24.0	0.0	
15	QPSK	1	1	23.37	23.45	23.40	24.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				23.40	23.40	23.40	24.0	0.0	
10	QPSK	1	1	23.46	23.38	23.30	24.0	0.0	
Channel				180.000	180.000	180.000	Turnup Int	dBm	
Frequency (MHz)				23.45	23.45	23.45	24.0	0.0	
5	QPSK	1	1	23.20	23.32	23.34	24.0	0.0	

n66 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
40	PRBS	1	1	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	1	168	20.75	20.85	20.85	20.85	20.85	20.85
40	PRBS	1	214	20.75	20.81	20.81	20.81	20.81	20.81
40	PRBS	168	5	20.75	20.85	20.85	20.85	20.85	20.85
40	PRBS	168	54	20.75	20.85	20.85	20.85	20.85	20.85
40	PRBS	168	100	20.75	20.85	20.85	20.85	20.85	20.85
40	PRBS	214	5	20.77	20.84	20.84	20.84	20.84	20.84
40	CPSC	1	1	21.13	21.13	21.13	21.13	21.13	21.13
40	CPSC	1	168	20.75	20.85	20.85	20.85	20.85	20.85
40	CPSC	1	214	20.85	20.85	20.85	20.85	20.85	20.85
40	CPSC	168	5	20.80	20.81	20.81	20.81	20.81	20.81
40	CPSC	168	54	20.80	20.82	20.82	20.82	20.82	20.82
40	CPSC	168	100	19.91	19.91	19.91	19.91	19.91	19.91
40	CPSC	214	5	19.95	19.95	19.95	19.95	19.95	19.95
40	ACAM	1	1	18.34	18.34	18.34	18.34	18.34	18.34
40	ACAM	1	1	18.34	18.34	18.34	18.34	18.34	18.34
Channel									
Frequency (MHz)									
50	CPSC	1	1	20.30	20.30	20.30	20.30	20.30	20.30
Channel									
Frequency (MHz)									
50	CPSC	1	1	21.00	21.00	21.00	21.00	21.00	21.00
Channel									
Frequency (MHz)									
25	CPSC	1	1	20.34	20.34	20.34	20.34	20.34	20.34
Channel									
Frequency (MHz)									
20	CPSC	1	1	20.80	20.80	20.80	20.80	20.80	20.80
Channel									
Frequency (MHz)									
15	CPSC	1	1	20.74	20.74	20.74	20.74	20.74	20.74
Channel									
Frequency (MHz)									
10	CPSC	1	1	20.68	20.68	20.68	20.68	20.68	20.68
Channel									
Frequency (MHz)									
5	CPSC	1	1	20.62	20.62	20.62	20.62	20.62	20.62

n70 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
10	PRBS	1	1	20.75	20.75	20.75	20.75	20.75	20.75
15	PRBS	1	46	20.75	20.75	20.75	20.75	20.75	20.75
15	PRBS	1	77	20.80	20.80	20.80	20.80	20.80	20.80
15	PRBS	36	5	20.80	20.80	20.80	20.80	20.80	20.80
15	PRBS	36	22	20.80	20.80	20.80	20.80	20.80	20.80
15	PRBS	36	43	20.80	20.80	20.80	20.80	20.80	20.80
15	PRBS	36	5	20.80	20.80	20.80	20.80	20.80	20.80
15	CPSC	1	1	21.17	21.17	21.17	21.17	21.17	21.17
15	CPSC	1	46	20.75	20.75	20.75	20.75	20.75	20.75
15	CPSC	1	77	20.81	20.81	20.81	20.81	20.81	20.81
15	CPSC	36	5	20.13	20.13	20.13	20.13	20.13	20.13
15	CPSC	36	22	20.13	20.13	20.13	20.13	20.13	20.13
15	CPSC	36	43	20.13	20.13	20.13	20.13	20.13	20.13
15	CPSC	75	5	20.13	20.13	20.13	20.13	20.13	20.13
15	ACAM	1	1	18.31	18.31	18.31	18.31	18.31	18.31
15	ACAM	1	1	18.31	18.31	18.31	18.31	18.31	18.31
Channel									
Frequency (MHz)									
10	CPSC	1	1	20.30	20.30	20.30	20.30	20.30	20.30
Channel									
Frequency (MHz)									
5	CPSC	1	1	20.30	20.30	20.30	20.30	20.30	20.30

n71 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
30	PRBS	1	1	19.5	19.5	19.5	19.5	19.5	19.5
35	PRBS	1	54	19.5	19.5	19.5	19.5	19.5	19.5
35	PRBS	1	100	19.18	19.18	19.18	19.18	19.18	19.18
35	PRBS	54	5	19.18	19.18	19.18	19.18	19.18	19.18
35	PRBS	54	47	19.18	19.18	19.18	19.18	19.18	19.18
35	PRBS	100	5	19.18	19.18	19.18	19.18	19.18	19.18
35	CPSC	1	1	19.53	19.53	19.53	19.53	19.53	19.53
35	CPSC	1	54	19.18	19.18	19.18	19.18	19.18	19.18
35	CPSC	1	100	19.18	19.18	19.18	19.18	19.18	19.18
35	CPSC	54	5	19.18	19.18	19.18	19.18	19.18	19.18
35	CPSC	54	47	19.18	19.18	19.18	19.18	19.18	19.18
35	CPSC	100	5	19.18	19.18	19.18	19.18	19.18	19.18
35	ACAM	1	1	18.35	18.35	18.35	18.35	18.35	18.35
35	ACAM	1	1	18.35	18.35	18.35	18.35	18.35	18.35
Channel									
Frequency (MHz)									
30	CPSC	1	1	19.53	19.53	19.53	19.53	19.53	19.53
Channel									
Frequency (MHz)									
30	CPSC	1	1	20.30	20.30	20.30	20.30	20.30	20.30
Channel									
Frequency (MHz)									
30	CPSC	1	1	20.30	20.30	20.30	20.30	20.30	20.30
Channel									
Frequency (MHz)									
20	CPSC	1	1	20.14	20.14	20.14	20.14	20.14	20.14
Channel									
Frequency (MHz)									
15	CPSC	1	1	20.18	20.18	20.18	20.18	20.18	20.18
Channel									
Frequency (MHz)									
10	CPSC	1	1	20.18	20.18	20.18	20.18	20.18	20.18
Channel									
Frequency (MHz)									
5	CPSC	1	1	20.18	20.18	20.18	20.18	20.18	20.18

n41 Ant 4									
BW (MHz)	Modulation	RB Com	SB Offset	Lower Ch. Freq.	Upper Ch. Freq.	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	MPE (dB)
Channel									
Frequency (MHz)				2048.00	2048.00	18.70	18.70	18.70	
100	PSS-SSB	1	1	18.70	18.80	18.70			
100	PSS-SSB	1	139	18.85	18.85	18.85	20.0	0.0	
100	PSS-SSB	1	271	18.85	18.85	18.85			
100	PSS-SSB	36	3	18.70	18.74	18.70	20.0	0.0	
100	PSS-SSB	120	66	18.84	18.82	18.80	20.0	0.0	
100	PSS-SSB	120	138	18.84	18.84	18.84	20.0	0.0	
100	PSS-SSB	208	2	18.70	18.80	18.80			
100	QPSK	1	1	18.80	18.80	18.82	20.0	0.0	
100	QPSK	1	139	18.80	18.81	18.80			
100	QPSK	1	271	18.80	18.82	18.80			
100	QPSK	120	5	18.84	18.74	18.80	20.0	0.0	
100	QPSK	120	65	18.75	18.85	18.75	20.0	0.0	
100	QPSK	120	138	18.79	18.84	18.80	20.0	0.0	
100	QPSK	208	3	18.80	18.80	18.80			
100	WCDMA	1	1	18.70	18.80	18.81	20.0	0.0	
100	WCDMA	1	1	18.80	18.82	18.80	20.0	0.0	
100	WCDMA	1	1	17.90	17.91	17.91	18.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.00	18.00	18.01	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.00	18.01	18.00	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
70	QPSK	1	1	18.00	18.00	18.01	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
50	QPSK	1	1	18.70	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
90	QPSK	1	1	18.72	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
40	QPSK	1	1	18.87	18.86	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.84	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.84	18.84	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
15	QPSK	1	1	18.70	18.80	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
10	QPSK	1	1	18.82	18.80	18.80	20.0	0.0	

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BW (MHz)	Modulation	RB Com	SB Offset	Lower Ch. Freq.	Upper Ch. Freq.	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	MPE (dB)
Channel									
Frequency (MHz)				2048.00	2048.00	18.70	18.70	18.70	
100	PSS-SSB	1	1	18.70	18.80	18.70			
100	PSS-SSB	1	139	18.85	18.85	18.85	20.0	0.0	
100	PSS-SSB	1	271	18.85	18.85	18.85			
100	PSS-SSB	36	3	18.70	18.74	18.70	20.0	0.0	
100	PSS-SSB	120	66	18.84	18.82	18.80	20.0	0.0	
100	PSS-SSB	120	138	18.84	18.84	18.84	20.0	0.0	
100	PSS-SSB	208	2	18.70	18.80	18.80			
100	QPSK	1	1	18.80	18.80	18.82	20.0	0.0	
100	QPSK	1	139	18.80	18.81	18.80			
100	QPSK	1	271	18.80	18.82	18.80			
100	QPSK	120	5	18.84	18.74	18.80	20.0	0.0	
100	QPSK	120	65	18.75	18.85	18.75	20.0	0.0	
100	QPSK	120	138	18.79	18.84	18.80	20.0	0.0	
100	QPSK	208	3	18.80	18.80	18.80			
100	WCDMA	1	1	18.70	18.80	18.81	20.0	0.0	
100	WCDMA	1	1	18.80	18.82	18.80	20.0	0.0	
100	WCDMA	1	1	17.90	17.91	17.91	18.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.00	18.00	18.01	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.00	18.01	18.00	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
70	QPSK	1	1	18.00	18.00	18.01	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
50	QPSK	1	1	18.70	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
90	QPSK	1	1	18.72	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
40	QPSK	1	1	18.87	18.86	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.84	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
90	QPSK	1	1	18.84	18.84	18.80	20.0	0.0	
Channel									
Frequency (MHz)				500.00	500.00	18.00	18.00	18.00	
15	QPSK	1	1	18.70	18.80	18.80	20.0	0.0	
Channel									
Frequency (MHz)				200.00	200.00	18.00	18.00	18.00	
10	QPSK	1	1	18.82	18.80	18.80	20.0	0.0	

Part27Q n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1		16.79				
100	Pi2 BPSK	1	137		16.82		18.0	0.0	
100	Pi2 BPSK	1	271		16.77				
100	Pi2 BPSK	135	0		16.94		18.0	0.0	
100	Pi2 BPSK	135	69		16.83		18.0	0.0	
100	Pi2 BPSK	135	138		16.77				
100	Pi2 BPSK	270	0		16.90		18.0	0.0	
100	QPSK	1	1		17.13				
100	QPSK	1	137		16.72		18.0	0.0	
100	QPSK	1	271		16.86				
100	QPSK	135	0		16.78		18.0	0.0	
100	QPSK	135	69		16.84		18.0	0.0	
100	QPSK	135	138		16.71		18.0	0.0	
100	QPSK	270	0		16.80				
100	16QAM	1	1		16.82		18.0	0.0	
100	64QAM	1	1		16.91		18.0	0.0	
100	256QAM	1	1		15.65		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		16.85	17.06	17.11	18.0	0.0
Channel				632563	633334	634100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		17.01	17.04	16.96	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495.01	3500.01	3515.01			
70	QPSK	1	1		17.07	16.99	17.10	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.95	17.07	17.04	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.09	16.99	17.11	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.10	17.06	17.12	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.94	17.07	16.92	18.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.96	16.98	17.09	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.01	17.03	16.93	18.0	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.03	16.93	17.11	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		17.10	17.00	17.10	18.0	0.0

Part27Q n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1		20.07				
100	Pi2 BPSK	1	137		19.90		21.0	0.0	
100	Pi2 BPSK	1	271		20.06				
100	Pi2 BPSK	135	0		19.98		20.5	0.5	
100	Pi2 BPSK	135	69		19.98		21.0	0.0	
100	Pi2 BPSK	135	138		19.65				
100	Pi2 BPSK	270	0		19.92		20.5	0.5	
100	QPSK	1	1		20.11				
100	QPSK	1	137		19.65		21.0	0.0	
100	QPSK	1	271		19.95				
100	QPSK	135	0		19.02		20.0	1.0	
100	QPSK	135	69		20.05		21.0	0.0	
100	QPSK	135	138		19.12		20.0	1.0	
100	QPSK	270	0		19.25				
100	16QAM	1	1		19.01		20.0	1.0	
100	64QAM	1	1		17.96		19.5	2.5	
100	256QAM	1	1		15.50		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		19.88	19.89	19.13	21.0	0.0
Channel				632563	633334	634100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.07	20.00	19.94	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		19.97	19.96	20.03	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		19.84	20.10	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		20.09	20.02	19.94	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		19.90	20.05	20.08	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		19.96	19.96	20.10	21.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		19.99	20.08	20.00	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.03	20.07	19.95	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		20.08	19.96	20.01	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.10	20.01	20.08	21.0	0.0

Part27O n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	P12 BPSK	1	1		16.34		18.0	0.0	
100	P12 BPSK	1	137		16.33				
100	P12 BPSK	1	271		16.28				
100	P12 BPSK	138	0		16.25		18.0	0.0	
100	P12 BPSK	135	69		16.37		18.0	0.0	
100	P12 BPSK	135	138		16.33		18.0	0.0	
100	P12 BPSK	270	0		16.28				
100	QPSK	1	1		16.36				
100	QPSK	1	137		16.36		18.0	0.0	
100	QPSK	1	271		16.31				
100	QPSK	135	0		16.28				
100	QPSK	135	69		16.37		18.0	0.0	
100	QPSK	135	138		16.19		18.0	0.0	
100	QPSK	270	0		16.31		18.0	0.0	
100	MSAM	1	1		16.33		18.0	0.0	
100	MSAM	1	1		16.17		18.0	0.0	
100	256QAM	1	1		14.88		16.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.19	16.35	16.33	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.19	16.22	16.31	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.32	16.21	16.17	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.21	16.29	16.27	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.28	16.26	16.19	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.18	16.16	16.23	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		16.20	16.34	16.32	18.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		16.33	16.22	16.26	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.26	16.28	16.32	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.18	16.20	16.29	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.11	16.17	16.14	18.0	0.0

Part27O n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	P12 BPSK	1	1		19.21		21.0	0.0	
100	P12 BPSK	1	137		19.19				
100	P12 BPSK	1	271		19.23				
100	P12 BPSK	138	0		19.82		20.5	0.5	
100	P12 BPSK	135	69		19.31		21.0	0.0	
100	P12 BPSK	135	138		19.84		20.5	0.5	
100	P12 BPSK	270	0		19.82				
100	QPSK	1	1		19.39				
100	QPSK	1	137		19.26		21.0	0.0	
100	QPSK	1	271		19.19				
100	QPSK	135	0		19.44				
100	QPSK	135	69		19.34		21.0	0.0	
100	QPSK	135	138		19.29		20.0	1.0	
100	QPSK	270	0		19.43		20.0	1.0	
100	MSAM	1	1		19.26		20.0	1.0	
100	MSAM	1	1		19.87		18.5	2.5	
100	256QAM	1	1		14.98		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.25	19.30	19.35	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.37	19.29	19.38	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.19	19.34	19.18	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.18	19.33	19.18	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.31	19.22	19.35	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.26	19.26	19.34	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		19.22	19.24	19.26	21.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		19.31	19.24	19.38	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.19	19.17	19.22	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.30	19.33	19.33	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		19.33	19.35	19.36	21.0	0.0

Part27Q n78 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334					
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		16.93				
100	P12 BPSK	1	137		16.97		18.0	0.0	
100	P12 BPSK	1	271		16.87				
100	P12 BPSK	135	0		17.00		18.0	0.0	
100	P12 BPSK	135	69		17.09		18.0	0.0	
100	P12 BPSK	135	138		16.89				
100	P12 BPSK	270	0		17.08		18.0	0.0	
100	QPSK	1	1		17.12				
100	QPSK	1	137		17.04		18.0	0.0	
100	QPSK	1	271		17.00				
100	QPSK	135	0		16.89		18.0	0.0	
100	QPSK	135	69		17.07		18.0	0.0	
100	QPSK	135	138		16.89				
100	QPSK	270	0		16.93		18.0	0.0	
100	MQAM	1	1		16.87		18.0	0.0	
100	64QAM	1	1		16.92		18.0	0.0	
100	256QAM	1	1		15.62		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		17.02	17.06	17.08	18.0	0.0
Channel				632665	633334	634003	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		16.91	16.96	16.98	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.91	17.11	17.07	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.95	16.92	16.95	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.95	16.92	16.87	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.88	16.92	16.89	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		17.07	17.04	17.09	18.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.96	16.93	17.05	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.91	16.98	16.86	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.01	16.92	17.07	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		16.87	16.87	16.85	18.0	0.0

Part27Q n78 PC2 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334					
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		19.82				
100	P12 BPSK	1	137		19.82		21.0	0.0	
100	P12 BPSK	1	271		19.87				
100	P12 BPSK	135	0		19.85		20.5	0.5	
100	P12 BPSK	135	69		19.96		21.0	0.0	
100	P12 BPSK	135	138		19.82				
100	P12 BPSK	270	0		19.45		20.5	0.5	
100	QPSK	1	1		20.03				
100	QPSK	1	137		19.85		21.0	0.0	
100	QPSK	1	271		19.97				
100	QPSK	135	0		19.01		20.0	1.0	
100	QPSK	135	69		19.94		21.0	0.0	
100	QPSK	135	138		19.08		20.0	1.0	
100	QPSK	270	0		19.06		20.0	1.0	
100	16QAM	1	1		19.10		20.0	1.0	
100	64QAM	1	1		17.45		18.5	2.5	
100	256QAM	1	1		15.82		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		19.84	19.81	19.81	21.0	0.0
Channel				632665	633334	634003	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.02	20.02	19.84	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		19.91	19.93	19.95	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		19.93	19.90	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		19.89	19.89	20.02	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		19.81	19.96	19.98	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		19.98	19.99	19.98	21.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		19.95	20.00	19.99	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.02	19.87	19.96	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		19.87	19.86	19.85	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.02	19.83	19.98	21.0	0.0

Part27Q n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		17.58				
100	PI2 BPSK	1	137		17.72		18.0	0.0	
100	PI2 BPSK	1	271		17.58				
100	PI2 BPSK	135	0		17.71		18.0	0.0	
100	PI2 BPSK	135	69		17.51		18.0	0.0	
100	PI2 BPSK	135	138		17.52				
100	PI2 BPSK	270	0		17.65		18.0	0.0	
100	QPSK	1	1		17.75				
100	QPSK	1	137		17.62		18.0	0.0	
100	QPSK	1	271		17.52				
100	QPSK	135	0		17.65		18.0	0.0	
100	QPSK	135	69		17.71		18.0	0.0	
100	QPSK	135	138		17.70		18.0	0.0	
100	QPSK	270	0		17.58				
100	16QAM	1	1		17.61		18.0	0.0	
100	64QAM	1	1		17.49		18.0	0.0	
100	256QAM	1	1		16.11		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		17.73	17.52	18.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		17.59	17.54	17.56	18.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		17.63	17.55	17.55	18.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		17.68	17.50	17.66	18.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.69	17.63	17.69	18.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.64	17.52	17.72	18.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		17.51	17.72	17.56	18.0	
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		17.66	17.53	17.49	18.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.68	17.62	17.67	18.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.60	17.50	17.66	18.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		17.53	17.52	17.72	18.0	

Part27Q n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		20.50				
100	PI2 BPSK	1	137		20.51		21.0	0.0	
100	PI2 BPSK	1	271		20.49				
100	PI2 BPSK	135	0		20.73		20.5	0.5	
100	PI2 BPSK	135	69		20.40		21.0	0.0	
100	PI2 BPSK	135	138		19.93				
100	PI2 BPSK	270	0		19.93		20.5	0.5	
100	QPSK	1	1		20.53				
100	QPSK	1	137		20.44		21.0	0.0	
100	QPSK	1	271		20.41				
100	QPSK	135	0		19.91		20.0	1.0	
100	QPSK	135	69		20.50		21.0	0.0	
100	QPSK	135	138		19.56		20.0	1.0	
100	QPSK	270	0		19.69				
100	16QAM	1	1		19.99		20.0	1.0	
100	64QAM	1	1		18.02		19.5	2.5	
100	256QAM	1	1		16.04		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		20.32	20.42	20.50	21.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.40	20.31	20.48	21.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		20.46	20.32	20.42	21.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		20.49	20.45	20.32	21.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		20.31	20.42	20.31	21.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		20.43	20.42	20.49	21.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		20.50	20.32	20.48	21.0	
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		20.51	20.33	20.34	21.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.47	20.38	20.37	21.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		20.33	20.34	20.39	21.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.52	20.40	20.43	21.0	

Part270 n78 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	P12 BPSK	1	1		16.43		18.0	0.0	
100	P12 BPSK	1	137		16.63				
100	P12 BPSK	1	271		16.57				
100	P12 BPSK	135	0		16.68		18.0	0.0	
100	P12 BPSK	135	69		16.53		18.0	0.0	
100	P12 BPSK	135	138		16.59		18.0	0.0	
100	P12 BPSK	270	0		16.66				
100	QPSK	1	1		16.69				
100	QPSK	1	137		16.47		18.0	0.0	
100	QPSK	1	271		16.40				
100	QPSK	135	0		16.43		18.0	0.0	
100	QPSK	135	69		16.48		18.0	0.0	
100	QPSK	135	138		16.39		18.0	0.0	
100	QPSK	270	0		16.63		18.0	0.0	
100	MQAM	1	1		16.80				
100	64QAM	1	1		16.52				
100	256QAM	1	1		15.22		16.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.44	16.44	16.41	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.32	16.26	16.30	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.36	16.31	16.44	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.44	16.29	16.27	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.31	16.32	16.24	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.44	16.33	16.40	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		16.42	16.43	16.22	18.0	0.0
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		16.25	16.29	16.21	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.38	16.31	16.22	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.28	16.36	16.38	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.22	16.32	16.23	18.0	0.0

Part270 n78 PC2 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	P12 BPSK	1	1		19.44		21.0	0.0	
100	P12 BPSK	1	137		19.36				
100	P12 BPSK	1	271		19.40				
100	P12 BPSK	135	0		19.36		20.5	0.5	
100	P12 BPSK	135	69		19.36		21.0	0.0	
100	P12 BPSK	135	138		18.82		20.5	0.5	
100	P12 BPSK	270	0		16.75				
100	QPSK	1	1		19.57				
100	QPSK	1	137		19.45		21.0	0.0	
100	QPSK	1	271		19.36				
100	QPSK	135	0		18.58		20.0	1.0	
100	QPSK	135	69		19.46		21.0	0.0	
100	QPSK	135	138		18.49		20.0	1.0	
100	QPSK	270	0		18.50		20.0	1.0	
100	16QAM	1	1		18.49				
100	64QAM	1	1		17.16				
100	256QAM	1	1		15.55		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.42	19.44	19.25	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.45	19.30	19.35	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.24	19.27	19.28	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.40	19.33	19.22	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.29	19.23	19.29	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.37	19.33	19.42	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		19.24	19.41	19.40	21.0	0.0
Channel				647300	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		19.26	19.29	19.37	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.29	19.36	19.28	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.26	19.29	19.36	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		19.46	19.30	19.40	21.0	0.0

Part27Q n78 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334		3500.01			
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		17.36		18.0	0.0	
100	P12 BPSK	1	137		17.40				
100	P12 BPSK	1	271		17.42				
100	P12 BPSK	135	0		17.35		18.0	0.0	
100	P12 BPSK	135	69		17.25		18.0	0.0	
100	P12 BPSK	135	138		17.32		18.0	0.0	
100	P12 BPSK	270	0		17.42				
100	QPSK	1	1		17.49				
100	QPSK	1	137		17.23		18.0	0.0	
100	QPSK	1	271		17.27		18.0	0.0	
100	QPSK	135	0		17.43				
100	QPSK	135	69		17.22				
100	QPSK	135	138		17.32		18.0	0.0	
100	QPSK	270	0		17.35		18.0	0.0	
100	16QAM	1	1		17.36				
100	64QAM	1	1		17.34				
100	256QAM	1	1		16.15		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		17.41	17.44	17.48	18.0	0.0
Channel				633668	633334	633000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		17.36	17.35	17.41	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		17.42	17.27	17.35	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		17.34	17.32	17.37	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.39	17.40	17.31	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.46	17.28	17.37	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		17.34	17.28	17.29	18.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		17.29	17.42	17.33	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.31	17.40	17.30	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.43	17.48	17.29	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		17.39	17.39	17.39	18.0	0.0

Part27Q n78 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334		3500.01			
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		20.16		21.0	0.0	
100	P12 BPSK	1	137		20.16				
100	P12 BPSK	1	271		19.71				
100	P12 BPSK	135	0		18.91		20.5	0.5	
100	P12 BPSK	135	69		20.04		21.0	0.0	
100	P12 BPSK	135	138		19.17		20.5	0.5	
100	P12 BPSK	270	0		19.12				
100	QPSK	1	1		20.47				
100	QPSK	1	137		20.20		21.0	0.0	
100	QPSK	1	271		19.80		20.0	1.0	
100	QPSK	135	0		19.08				
100	QPSK	135	69		20.12				
100	QPSK	135	138		19.28		20.0	1.0	
100	QPSK	270	0		19.12		20.0	1.0	
100	16QAM	1	1		18.81				
100	64QAM	1	1		17.35				
100	256QAM	1	1		15.77		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		20.42	20.43	20.31	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.32	20.41	20.36	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		20.32	20.44	20.32	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		20.30	20.40	20.26	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		20.34	20.29	20.35	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		20.31	20.37	20.34	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		20.41	20.43	20.44	21.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		20.26	20.46	20.44	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.36	20.35	20.31	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		20.29	20.36	20.43	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.35	20.30	20.38	21.0	0.0

Part27Q n77 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI2 BPSK	1	1		23.80		25.0	0.0	
100	PI2 BPSK	1	137		24.06				
100	PI2 BPSK	1	271		23.87				
100	PI2 BPSK	135	0		23.81		25.0	0.0	
100	PI2 BPSK	135	69		23.76				
100	PI2 BPSK	135	138		23.77		25.0	0.0	
100	PI2 BPSK	270	0		24.04				
100	QPSK	1	1		24.07		25.0	0.0	
100	QPSK	1	137		23.82				
100	QPSK	1	271		23.82				
100	QPSK	135	0		23.71		25.0	0.0	
100	QPSK	135	69		23.88				
100	QPSK	135	138		23.85		25.0	0.0	
100	QPSK	270	0		23.88				
100	16QAM	1	1		23.72		25.0	0.0	
100	64QAM	1	1		24.06				
100	256QAM	1	1		22.39		23.5 1.5		
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		23.95	23.92	24.03	25.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		24.03	23.88	23.90	25.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495.01	3500.01	3515.01			
70	QPSK	1	1		23.99	23.95	23.94	25.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		23.87	24.03	23.93	25.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		23.93	23.99	23.99	25.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		23.91	23.89	23.87	25.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		24.00	23.97	23.91	25.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		23.95	23.94	23.94	25.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		24.05	24.04	24.05	25.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		24.02	24.02	24.05	25.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		24.04	23.98	24.00	25.0	

Part27Q n77 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI2 BPSK	1	1		26.74		28.0	0.0	
100	PI2 BPSK	1	137		26.84				
100	PI2 BPSK	1	271		26.90				
100	PI2 BPSK	135	0		26.49		27.5	0.5	
100	PI2 BPSK	135	69		26.73				
100	PI2 BPSK	135	138		26.64		27.5	0.5	
100	PI2 BPSK	270	0		26.38				
100	QPSK	1	1		27.10		28.0	0.0	
100	QPSK	1	137		26.87				
100	QPSK	1	271		26.88				
100	QPSK	135	0		25.88		27.0	1.0	
100	QPSK	135	69		26.83				
100	QPSK	135	138		26.07		27.0	1.0	
100	QPSK	270	0		26.05				
100	16QAM	1	1		25.96		27.0	1.0	
100	64QAM	1	1		24.81				
100	256QAM	1	1		22.38		23.5 4.5		
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		27.02	27.02	26.91	28.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		27.06	26.91	26.95	28.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		26.94	26.97	26.93	28.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		27.06	26.88	27.09	28.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		27.01	27.02	26.94	28.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		27.04	26.88	26.91	28.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		27.09	26.96	27.04	28.0	
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		27.06	27.06	26.96	28.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		27.07	26.97	27.08	28.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		27.03	26.90	26.89	28.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		27.02	27.08	27.04	28.0	

Part270 n78 Ant 9									
BW [MHz]	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)				3750	3750	3750			
100	PI2 BPSK	1	1		23.91		25.0	0.0	
100	PI2 BPSK	1	137		23.88				
100	PI2 BPSK	1	271		23.84				
100	PI2 BPSK	135	0		23.66		25.0	0.0	
100	PI2 BPSK	135	69		23.72		25.0	0.0	
100	PI2 BPSK	135	138		23.61		25.0	0.0	
100	PI2 BPSK	270	0		23.91				
100	PI2 BPSK	270	0		24.04				
100	QPSK	1	1		23.69		25.0	0.0	
100	QPSK	1	137		23.69				
100	QPSK	1	271		23.64				
100	QPSK	135	0		23.54		25.0	0.0	
100	QPSK	135	69		23.94		25.0	0.0	
100	QPSK	135	138		23.72		25.0	0.0	
100	QPSK	270	0		23.72		25.0	0.0	
100	MQAM	1	1		23.71				
100	64QAM	1	1		23.94				
100	256QAM	1	1		22.21		23.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		23.83	23.92	23.97	25.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		23.85	24.01	23.93	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		24.00	24.02	23.85	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		23.98	23.90	24.03	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		24.01	23.90	23.89	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		23.88	23.90	23.98	25.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		23.98	23.93	23.94	25.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		24.00	23.85	24.03	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		24.01	23.91	23.91	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		24.01	23.88	23.93	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		23.92	23.95	23.89	25.0	0.0

Part270 n78 PC2 Ant 9									
BW [MHz]	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)				3750	3750	3750			
100	PI2 BPSK	1	1		26.86		28.0	0.0	
100	PI2 BPSK	1	137		26.67				
100	PI2 BPSK	1	271		26.90				
100	PI2 BPSK	135	0		26.81		27.5	0.5	
100	PI2 BPSK	135	69		26.53		28.0	0.0	
100	PI2 BPSK	135	138		26.55		27.5	0.5	
100	PI2 BPSK	270	0		26.36				
100	PI2 BPSK	270	0		26.98				
100	QPSK	1	1		26.81		28.0	0.0	
100	QPSK	1	137		26.81				
100	QPSK	1	271		26.90				
100	QPSK	135	0		25.99		27.0	1.0	
100	QPSK	135	69		26.73		28.0	0.0	
100	QPSK	135	138		25.86		27.0	1.0	
100	QPSK	270	0		25.91		27.0	1.0	
100	16QAM	1	1		26.94				
100	64QAM	1	1		24.53				
100	256QAM	1	1		22.33		23.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		26.80	26.89	26.86	28.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		26.92	26.77	26.97	28.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		26.89	26.95	26.79	28.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		26.91	26.96	26.82	28.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		26.93	26.82	26.97	28.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.94	26.82	26.90	28.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		26.95	26.78	26.77	28.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		26.92	26.95	26.91	28.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		26.79	26.95	26.84	28.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		26.84	26.85	26.91	28.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.80	26.90	26.82	28.0	0.0

Part27Q n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1	23.71			25.0		0.0
100	Pi2 BPSK	1	137		23.71				
100	Pi2 BPSK	1	271		23.74				
100	Pi2 BPSK	135	0		23.49		25.0		0.0
100	Pi2 BPSK	135	69		23.53		25.0		0.0
100	Pi2 BPSK	135	138		23.56		25.0		0.0
100	Pi2 BPSK	270	0		23.89				
100	QPSK	1	1		23.94				
100	QPSK	1	137		23.54		25.0		0.0
100	QPSK	1	271		23.57		25.0		0.0
100	QPSK	135	0		23.47				
100	QPSK	135	69		23.91				
100	QPSK	135	138		23.64		25.0		0.0
100	QPSK	270	0		23.71		25.0		0.0
100	16QAM	1	1		23.68				
100	64QAM	1	1		23.81				
100	256QAM	1	1		22.09		23.5		1.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	23.84	23.82	23.78	25.0		0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	23.80	23.93	23.85	25.0		0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	23.90	23.78	23.91	25.0		0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	23.75	23.93	23.91	25.0		0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	23.93	23.75	23.76	25.0		0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	23.78	23.81	23.93	25.0		0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3542.02			
30	QPSK	1	1	23.93	23.73	23.82	25.0		0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3557.51			
25	QPSK	1	1	23.92	23.81	23.85	25.0		0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3560			
20	QPSK	1	1	23.89	23.83	23.79	25.0		0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3562.52			
15	QPSK	1	1	23.78	23.83	23.77	25.0		0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3565.01			
10	QPSK	1	1	23.89	23.79	23.91	25.0		0.0

Part27Q n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1		26.54		28.0	0.0	
100	Pi2 BPSK	1	137		26.64				
100	Pi2 BPSK	1	271		26.88				
100	Pi2 BPSK	135	0		26.33		27.5	0.5	
100	Pi2 BPSK	135	69		26.53		28.0	0.0	
100	Pi2 BPSK	135	138		26.37		27.5	0.5	
100	Pi2 BPSK	270	0		26.29				
100	QPSK	1	1		26.95				
100	QPSK	1	137		26.70		28.0	0.0	
100	QPSK	1	271		26.86		27.0	1.0	
100	QPSK	135	0		25.82				
100	QPSK	135	69		26.75				
100	QPSK	135	138		25.80		28.0	0.0	
100	QPSK	270	0		25.69		27.0	1.0	
100	16QAM	1	1		25.94				
100	64QAM	1	1		24.52				
100	256QAM	1	1		22.31		23.5	4.5	
Channel				632500	633334	633968	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		26.74	26.74	26.89	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		26.91	26.80	26.91	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		26.92	26.86	26.94	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		26.93	26.93	26.79	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		26.92	26.94	26.85	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		26.83	26.82	26.76	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3542.02			
30	QPSK	1	1		26.73	26.75	26.98	28.0	0.0
Channel				630664	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3557.51			
25	QPSK	1	1		26.85	26.78	26.87	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3560			
20	QPSK	1	1		26.87	26.92	26.90	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3562.52			
15	QPSK	1	1		26.75	26.85	26.90	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3565.01			
10	QPSK	1	1		26.86	26.90	26.89	28.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. 1 [W]	Power Ch. 2 [W]	Power Ch. 3 [W]	Power Ch. 4 [W]	Power Ch. 5 [W]	Power Ch. 6 [W]
Channel									
Frequency [MHz]									
180	PSS-SSBSC	1	1	18.00	18.19	18.38			
180	PSS-SSBSC	1	137	18.70	18.82	18.98			
180	PSS-SSBSC	1	271	19.04	19.76	19.92			
180	PSS-SSBSC	18	0	19.81	19.88	19.92	21.0	0.0	
180	PSS-SSBSC	136	66	19.80	19.88	19.85	21.0	0.0	
180	PSS-SSBSC	136	136	19.80	19.88	19.86	21.0	0.0	
180	PSS-SSBSC	255	0	19.81	19.75	19.81			
180	QPSK	1	1	19.84	20.05	19.89			
180	QPSK	1	137	19.75	19.75	19.71	21.0	0.0	
180	QPSK	1	271	19.70	19.74	19.94			
180	QPSK	136	0	19.74	19.71	19.87	21.0	0.0	
180	QPSK	136	66	19.81	20.04	19.87	21.0	0.0	
180	QPSK	136	136	19.74	19.77	19.84	21.0	0.0	
180	QPSK	270	0	19.80		19.87			
180	QPSK	1	1	19.75	19.81	19.95	21.0	0.0	
180	QPSK	1	1	19.81	19.85	19.85	21.0	0.0	
180	QPSK	1	1	19.75	19.74	19.82	19.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.05	19.16	19.05	21.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.02	19.07	19.05	21.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.70	19.71	19.67	21.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.80	19.90	19.80	21.0	0.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	19.70	19.84	19.86	21.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.80	19.79	19.79	21.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.80	19.77	19.78	21.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.70	19.79	19.83	21.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.94	19.76	19.95	21.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.80	19.79	19.85	21.0	0.0	

n41 PC2 Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. 1 [W]	Power Ch. 2 [W]	Power Ch. 3 [W]	Power Ch. 4 [W]	Power Ch. 5 [W]	Power Ch. 6 [W]
Channel									
Frequency [MHz]									
180	PSS-SSBSC	1	1	22.18	22.19	22.19			
180	PSS-SSBSC	1	137	22.82	22.89	22.87			
180	PSS-SSBSC	1	271	22.82	22.89	22.94			
180	PSS-SSBSC	18	0	22.81	22.88	22.82	24.0	0.0	
180	PSS-SSBSC	136	66	22.80	22.82	22.88	24.0	0.0	
180	PSS-SSBSC	136	136	22.81	22.88	22.88	24.0	0.0	
180	PSS-SSBSC	255	0	22.81	22.84	22.88			
180	QPSK	1	1	22.81	22.84	22.88			
180	QPSK	1	137	22.80	22.86	22.87	24.0	0.0	
180	QPSK	1	271	22.80	22.82	22.87			
180	QPSK	136	0	22.80	22.84	22.88	24.0	0.0	
180	QPSK	136	66	22.81	22.87	22.82	24.0	0.0	
180	QPSK	136	136	22.80	22.82	22.84	24.0	0.0	
180	QPSK	270	0	22.79		22.86			
180	QPSK	1	1	22.80	22.78	22.77	24.0	0.0	
180	QPSK	1	1	22.80	22.83	22.84	24.0	0.0	
180	QPSK	1	1	22.80	22.80	22.82	19.0	0.0	
Channel									
Frequency [MHz]									
50	QPSK	1	1	22.87	22.84	22.88	24.0	0.0	
Channel									
Frequency [MHz]									
60	QPSK	1	1	22.80	22.87	22.86	24.0	0.0	
Channel									
Frequency [MHz]									
70	QPSK	1	1	22.80	22.89	22.82	24.0	0.0	
Channel									
Frequency [MHz]									
80	QPSK	1	1	22.87	22.94	22.82	24.0	0.0	
Channel									
Frequency [MHz]									
90	QPSK	1	1	22.80	22.81	22.80	24.0	0.0	
Channel									
Frequency [MHz]									
40	QPSK	1	1	22.80	22.84	22.82	24.0	0.0	
Channel									
Frequency [MHz]									
30	QPSK	1	1	22.80	22.78	22.88	24.0	0.0	
Channel									
Frequency [MHz]									
20	QPSK	1	1	22.80	22.83	22.81	24.0	0.0	
Channel									
Frequency [MHz]									
10	QPSK	1	1	22.80	22.82	22.80	24.0	0.0	

Full & Default Power & ECI4_Other PA

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000	24.0	0.0
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	23.05	23.21	23.06	24.0	0.0
40	PI/2 BPSK	1	108	23.07	23.19	23.04		
40	PI/2 BPSK	1	214	22.99	23.13	23.02		
40	PI/2 BPSK	108	0	22.81	22.90	22.89		
40	PI/2 BPSK	108	54	23.18	23.25	23.03	24.0	0.0
40	PI/2 BPSK	108	108	22.71	22.88	22.88	23.5	0.5
40	PI/2 BPSK	216	0	22.86	22.94	22.81		
40	QPSK	1	1	23.15	23.26	23.17	24.0	0.0
40	QPSK	1	108	23.06	23.24	23.20		
40	QPSK	1	214	23.00	23.10	22.90		
40	QPSK	108	0	22.31	22.35	22.29		
40	QPSK	108	54	23.20	23.21	23.18	24.0	0.0
40	QPSK	108	108	22.28	22.36	22.23	23.0	1.0
40	QPSK	216	0	22.25	22.38	22.29		
40	16QAM	1	1	21.88	21.95	21.83	23.0	1.0
40	64QAM	1	1	20.34	20.55	20.36	21.5	2.5
40	256QAM	1	1	18.96	19.17	18.97	19.5	4.5
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5	24.0	0.0
35	QPSK	1	1	23.03	23.17	23.18	Tune-up limit (dBm)	MPR (dB)
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895	24.0	0.0
30	QPSK	1	1	22.97	23.07	23.06	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5	24.0	0.0
25	QPSK	1	1	23.03	23.17	22.97	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	24.0	0.0
20	QPSK	1	1	22.95	23.14	23.02	#VALUE!	CID
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1892.5	24.0	0.0
15	QPSK	1	1	23.07	23.11	23.01	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	24.0	0.0
10	QPSK	1	1	23.03	23.19	23.08	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0
5	QPSK	1	1	22.98	23.11	23.04	24.0	0.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.01	23.09	22.99	24.0	0.0
40	PI/2 BPSK	1	108	23.18	23.21	23.03		
40	PI/2 BPSK	1	214	23.14	23.16	22.99		
40	PI/2 BPSK	108	0	22.58	22.78	22.69		
40	PI/2 BPSK	108	54	23.09	23.20	23.16	24.0	0.0
40	PI/2 BPSK	108	108	22.71	22.79	22.63	23.5	0.5
40	PI/2 BPSK	216	0	22.88	22.86	22.68		
40	QPSK	1	1	23.03	23.24	23.06	24.0	0.0
40	QPSK	1	108	22.95	23.17	23.13		
40	QPSK	1	214	22.98	23.14	23.10		
40	QPSK	108	0	22.24	22.23	22.13		
40	QPSK	108	54	23.19	23.20	23.13	24.0	0.0
40	QPSK	108	108	22.10	22.30	22.24	23.0	1.0
40	QPSK	216	0	22.29	22.32	22.30		
40	16QAM	1	1	21.81	21.83	21.73	23.0	1.0
40	64QAM	1	1	20.21	20.42	20.24	21.5	2.5
40	256QAM	1	1	19.03	19.09	18.93	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0	0.0
35	QPSK	1	1	23.05	23.18	22.89	24.0	CID
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	QPSK	1	1	22.82	23.21	22.88	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.87	23.15	22.91	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	22.87	23.09	22.99	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.99	23.20	22.92	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	23.01	23.22	22.93	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	23.00	23.16	22.91	24.0	0.0

n2 Ant 4_CID32									
BW (MHz)	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	376000	378000	24.0	0.0	
Frequency (MHz)				1870	1880	1890			
40	Pl2 BPSK	1	1	23.34	23.42	23.27	24.0	0.0	
40	Pl2 BPSK	1	108	23.20	23.33	23.15			
40	Pl2 BPSK	1	214	23.32	23.34	23.34			
40	Pl2 BPSK	108	0	22.94	23.07	22.91	23.5	0.5	
40	Pl2 BPSK	108	54	23.35	23.41	23.25	24.0	0.0	
40	Pl2 BPSK	108	108	22.88	23.07	22.92	23.5	0.5	
40	Pl2 BPSK	216	0	22.95	23.06	22.88	24.0	0.0	
40	QPSK	1	1	23.36	23.43	23.39			
40	QPSK	1	108	23.29	23.42	23.41			
40	QPSK	1	214	23.29	23.35	23.30	23.0	1.0	
40	QPSK	108	0	22.53	22.59	22.38			
40	QPSK	108	54	23.31	23.27	23.35			
40	QPSK	108	108	23.46	22.56	22.34	23.0	1.0	
40	QPSK	216	0	22.54	22.59	22.50			
40	16QAM	1	1	22.09	22.18	22.07	23.0	1.0	
40	64QAM	1	1	20.63	20.77	20.78	21.5	2.5	
40	256QAM	1	1	19.33	19.45	19.39	19.5	4.5	
Channel				372500	376000	379500	24.0	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5			
35	QPSK	1	1	23.33	23.25	23.29	24.0	0.0	
Channel				373000	376000	379000	24.0	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	23.34	23.30	23.30	24.0	0.0	
Channel				372500	376000	379500	24.0	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	23.40	23.24	23.19	24.0	0.0	
Channel				372000	376000	380000	24.0	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	23.19	23.27	23.32	24.0	CID	
Channel				371500	376000	380500	24.0	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.27	23.34	23.29	24.0	0.0	
Channel				371000	376000	381000	24.0	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.35	23.40	23.20	24.0	0.0	
Channel				370500	376000	381500	24.0	MPR (dB)	
Frequency (MHz)				1852.5	1880	1922.5			
5	QPSK	1	1	23.23	23.22	23.40	24.0	0.0	

n25 Ant 4_CID39									
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				3745000	3765000	3795000	24.0	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	22.58	22.84	22.74	24.0	0.0	
40	PI2 BPSK	1	108	23.01	22.78	22.67			
40	PI2 BPSK	1	214	22.90	22.79	22.81			
40	PI2 BPSK	108	0	22.60	22.48	22.37	23.5	0.5	
40	PI2 BPSK	108	54	22.60	22.81	22.69	24.0	0.0	
40	PI2 BPSK	108	108	22.38	22.62	22.34	23.5	0.5	
40	PI2 BPSK	216	0	22.22	22.44	22.41	23.0	1.0	
40	QPSK	1	1	22.94	22.93	22.74	24.0	0.0	
40	QPSK	1	108	22.80	22.81	22.73			
40	QPSK	1	214	22.71	22.72	22.74			
40	QPSK	108	0	21.87	21.85	21.85	23.0	1.0	
40	QPSK	108	54	22.84	22.98	22.71	24.0	0.0	
40	QPSK	108	108	21.91	22.98	21.95	23.0	1.0	
40	QPSK	216	0	22.10	22.13	22.01	23.0	1.0	
40	16QAM	1	1	21.54	21.78	21.61	23.0	1.0	
40	64QAM	1	1	19.91	20.31	19.95	21.5	2.5	
40	256QAM	1	1	18.76	18.95	18.95	19.5	4.5	
Channel				3755000	3765000	3795000	Tune-up limit		MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5	24.0	0.0	
35	QPSK	1	1	22.73	23.00	22.73	24.0	0.0	
Channel				3730000	3765000	3800000	Tune-up limit		MPR (dB)
Frequency (MHz)				1762	1842.5	1920	24.0	0.0	
30	QPSK	1	1	22.75	23.04	22.60	24.0	0.0	
Channel				3725000	3765000	3805000	Tune-up limit		MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5	24.0	0.0	
25	QPSK	1	1	22.85	23.02	22.52	24.0	0.0	
Channel				3720000	3765000	3810000	Tune-up limit		MPR (dB)
Frequency (MHz)				1860	1882.5	1905	24.0	0.0	
20	QPSK	1	1	22.82	22.87	22.68	24.0	0.0	
Channel				3715000	3765000	3815000	Tune-up limit		MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5	24.0	0.0	
15	QPSK	1	1	22.81	22.89	22.65	24.0	0.0	
Channel				3710000	3765000	3820000	Tune-up limit		MPR (dB)
Frequency (MHz)				1855	1882.5	1910	24.0	0.0	
10	QPSK	1	1	22.77	22.88	22.57	24.0	0.0	
Channel				3705000	3765000	3825000	Tune-up limit		MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5	24.0	0.0	
5	QPSK	1	1	22.78	22.92	22.53	24.0	0.0	

n66 Ant 4_CID34									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				3460000	3490000	3520000	24.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	22.79	23.31	22.97	24.0	0.0	
40	PI2 BPSK	1	108	23.07	23.19	23.05			
40	PI2 BPSK	1	214	23.14	22.92	22.86			
40	PI2 BPSK	108	0	23.00	22.86	22.65	23.5		0.5
40	PI2 BPSK	108	54	22.91	23.07	22.88	24.0		0.0
40	PI2 BPSK	108	108	22.82	22.89	22.84	23.5		0.5
40	PI2 BPSK	216	0	22.74	22.83	22.59	23.0		1.0
40	QPSK	1	1	23.29	23.46	23.18	24.0	0.0	
40	QPSK	1	108	23.38	23.03	23.14			
40	QPSK	1	214	22.86	22.90	22.84			
40	QPSK	108	0	22.28	22.17	22.25	23.0		1.0
40	QPSK	108	54	23.15	23.28	22.96	24.0		0.0
40	QPSK	108	108	22.21	22.17	22.11	23.0		1.0
40	QPSK	216	0	22.25	22.44	22.18	23.0		1.0
40	16QAM	1	1	21.94	22.00	22.08	23.0		1.0
40	64QAM	1	1	20.31	20.72	20.27	21.5		2.5
40	256QAM	1	1	19.07	19.23	19.09	19.5		4.5
Channel				3455000	3490000	3525000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0		0.0
30	QPSK	1	1	22.89	23.31	22.96	24.0		0.0
Channel				3450000	3490000	3530000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0		0.0
30	QPSK	1	1	22.84	23.29	23.04	24.0		0.0
Channel				3445000	3490000	3535000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0		0.0
25	QPSK	1	1	22.78	23.14	23.01	24.0		0.0
Channel				3440000	3490000	3540000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0		0.0
20	QPSK	1	1	22.92	23.33	23.00	24.0		0.0
Channel				3435000	3490000	3545000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0		0.0
15	QPSK	1	1	22.79	23.19	22.95	24.0		0.0
Channel				3430000	3490000	3550000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0		0.0
10	QPSK	1	1	22.82	23.20	22.88	24.0		0.0
Channel				3425000	3490000	3555000	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0		0.0
5	QPSK	1	1	22.90	23.31	23.07	24.0		0.0

Full & Default Power & ECI4_Other Path

n2 Ant 4_CID37									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37400	37600	37800	24.0	0.0	
Frequency (MHz)				1870	1880	1890			
40	PI2 BPSK	1	1	23.24	23.43	23.22			
40	PI2 BPSK	1	108	23.46	23.46	23.24	24.0	0.0	
40	PI2 BPSK	1	214	23.33	23.38	23.27			
40	PI2 BPSK	108	9	23.13	23.11	23.07			
40	PI2 BPSK	108	54	23.30	23.43	23.34	24.0	0.0	
40	PI2 BPSK	108	108	23.94	23.11	23.06			
40	PI2 BPSK	216	0	22.89	23.10	22.93			
40	QPSK	1	1	23.39	23.49	23.42	24.0	0.0	
40	QPSK	1	108	23.44	23.44	23.27			
40	QPSK	1	214	23.24	23.38	23.27			
40	QPSK	108	0	22.61	22.61	22.42	23.0	1.0	
40	QPSK	108	54	23.39	23.40	23.31			
40	QPSK	108	108	22.53	22.59	22.50			
40	QPSK	216	0	22.37	22.52	22.53	23.0	1.0	
40	16QAM	1	1	22.21	22.21	22.20			
40	64QAM	1	1	20.66	20.79	20.69		21.5	
40	256QAM	1	1	19.37	19.42	19.36			
Channel				37500	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5			
35	QPSK	1	1	23.36	23.34	23.27		24.0	
Channel				375000	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	23.49	23.32	23.36		24.0	
Channel				372000	375000	375000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	23.21	23.48	23.29		24.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1869	1890	1905			
20	QPSK	1	1	23.35	23.34	23.28		24.0	
Channel				371800	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	23.36	23.47	23.41		24.0	
Channel				371000	375000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	1	23.39	23.28	23.37		24.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	23.20	23.40	23.24		24.0	

n25 Ant 4_CID38									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				37400	37600	37800	24.0	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	22.62	23.02	22.71			
40	PI2 BPSK	1	108	22.96	22.86	22.84	24.0	0.0	
40	PI2 BPSK	1	214	22.88	22.75	22.64			
40	PI2 BPSK	108	0	22.60	22.52	22.45			
40	PI2 BPSK	108	54	22.61	22.89	22.56	24.0	0.0	
40	PI2 BPSK	108	108	22.37	22.61	22.55			
40	PI2 BPSK	216	0	22.38	22.35	22.42			
40	QPSK	1	1	23.06	23.11	23.03	24.0	0.0	
40	QPSK	1	108	23.01	22.85	22.89			
40	QPSK	1	214	22.66	22.84	22.71			
40	QPSK	108	0	21.88	22.05	22.00	23.0	1.0	
40	QPSK	108	54	22.76	23.01	22.69			
40	QPSK	108	108	22.11	22.01	21.80			
40	QPSK	216	0	22.08	22.11	22.03	23.0	1.0	
40	16QAM	1	1	21.66	21.73	21.69			
40	64QAM	1	1	19.93	20.40	20.01		21.5	
40	256QAM	1	1	18.66	19.00	18.88			
Channel				37500	376500	376500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	22.72	22.85	22.66		24.0	
Channel				375000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	22.79	22.85	22.67		24.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	22.83	22.81	22.72		24.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1905			
20	QPSK	1	1	22.89	22.95	22.68		24.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	22.81	22.88	22.54		24.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	22.79	22.85	22.56		24.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	22.84	22.82	22.69		24.0	

n66 Ant 4_CID29								
BW (MHz)	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	350000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	22.80	23.20	22.96	24.0	0.0
40	PV2 BPSK	1	108	23.16	23.25	23.27		
40	PV2 BPSK	1	214	23.18	22.99	22.84		
40	PV2 BPSK	108	0	22.96	22.68	22.50	23.5	0.5
40	PV2 BPSK	108	54	22.84	23.16	22.90	24.0	0.0
40	PV2 BPSK	108	108	22.86	22.79	22.96	23.5	0.5
40	PV2 BPSK	216	0	22.60	23.00	22.86	24.0	0.0
40	QPSK	1	1	23.22	23.54	23.17		
40	QPSK	1	108	23.21	23.06	23.07		
40	QPSK	1	214	22.89	23.02	22.90	23.0	1.0
40	QPSK	108	0	22.13	22.23	22.18		
40	QPSK	108	54	23.08	23.30	23.01		
40	QPSK	108	108	22.37	22.11	22.20	23.0	1.0
40	QPSK	216	0	22.38	23.33	22.28	23.0	1.0
40	16QAM	1	1	21.96	22.08	21.94		
40	64QAM	1	1	20.42	20.74	20.36		
40	256QAM	1	1	19.11	19.13	19.21	19.5	4.5
Channel				345000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
30	QPSK	1	1	22.93	23.29	23.09	24.0	0.0
Channel				346000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.79	23.30	22.83	24.0	0.0
Channel				345500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.85	23.16	22.97	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.91	23.29	22.90	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	22.90	23.24	22.96	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.80	23.17	23.10	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	22.15	23.24	23.00	24.0	0.0

Reduced Power Mode for ECI4

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.25	23.31	23.23		
20	PI/2 BPSK	1	53	23.11	23.30	23.22	24.0	0.0
20	PI/2 BPSK	1	104	23.25	23.25	23.22		
20	PI/2 BPSK	50	0	22.91	22.98	22.93		
20	PI/2 BPSK	50	28	23.12	23.28	23.28	24.0	0.0
20	PI/2 BPSK	50	56	22.82	22.94	22.88	23.5	0.5
20	PI/2 BPSK	100	0	22.89	22.99	22.82		
20	QPSK	1	1	23.28	23.32	23.26		
20	QPSK	1	53	23.30	23.31	23.09	24.0	0.0
20	QPSK	1	104	23.23	23.28	23.18	23.0	1.0
20	QPSK	50	0	22.25	22.46	22.33		
20	QPSK	50	28	23.27	23.30	23.28		
20	QPSK	50	56	22.39	22.44	22.42	23.0	1.0
20	QPSK	100	0	22.46	22.47	22.34		
20	16QAM	1	1	22.06	22.06	21.90	23.0	1.0
20	64QAM	1	1	20.51	20.64	20.47	21.5	2.5
20	256QAM	1	1	19.27	19.29	19.16	19.5	4.5
Channel				165300	167200	169100	24.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.18	23.17		
Channel				169800	167300	166800	24.0	0.0
Frequency (MHz)				839	836.5	844		
10	QPSK	1	1	23.21	23.28	23.10		
Channel				165300	167300	169300	24.0	0.0
Frequency (MHz)				836.5	836.5	846.5		
5	QPSK	1	1	23.28	23.15	23.07		

n12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				141300	141500	141700	24.0	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	23.12	23.14	23.16		
15	PI/2 BPSK	1	40	23.02	23.11	23.11	24.0	0.0
15	PI/2 BPSK	1	77	23.16	23.15	23.16		
15	PI/2 BPSK	36	0	22.64	22.79	22.75		
15	PI/2 BPSK	36	22	22.97	23.09	23.07	24.0	0.0
15	PI/2 BPSK	36	43	22.56	22.75	22.66	23.5	0.5
15	PI/2 BPSK	75	0	22.62	22.77	22.76		
15	QPSK	1	1	23.16	23.19	23.12		
15	QPSK	1	40	23.09	23.15	22.93	24.0	0.0
15	QPSK	1	77	22.91	23.08	22.90	23.0	1.0
15	QPSK	36	0	22.67	22.81	22.64		
15	QPSK	36	22	23.11	23.17	23.15		
15	QPSK	36	43	22.66	22.72	22.66	23.0	1.0
15	QPSK	75	0	22.69	22.79	22.59		
15	16QAM	1	1	21.77	21.93	21.74	23.0	1.0
15	64QAM	1	1	20.36	20.48	20.34	21.5	2.5
15	256QAM	1	1	18.91	19.12	19.09	19.5	4.5
Channel				140300	141200	142100	24.0	0.0
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.05	23.09	22.99		
Channel				140300	141500	142700	24.0	0.0
Frequency (MHz)				701.4	707.4	713.4		
5	QPSK	1	1	23.04	23.09	22.93		

n14 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (dB)
Channel				158000			24.0	0.0
Frequency (MHz)				793				
10	PI/2 BPSK	1	1	23.26				
10	PI/2 BPSK	1	26	23.25			24.0	0.0
10	PI/2 BPSK	1	50	23.12				
10	PI/2 BPSK	25	0	22.91				
10	PI/2 BPSK	25	14	23.17			24.0	0.0
10	PI/2 BPSK	25	27	22.88			23.5	0.5
10	PI/2 BPSK	50	0	22.89				
10	QPSK	1	1	23.29				
10	QPSK	1	26	23.24			24.0	0.0
10	QPSK	1	50	23.24			23.0	1.0
10	QPSK	25	0	22.44				
10	QPSK	25	14	23.21				
10	QPSK	25	27	22.41			23.0	1.0
10	QPSK	50	0	22.38				
10	16QAM	1	1	22.00			23.0	1.0
10	64QAM	1	1	20.52			21.5	2.5
10	256QAM	1	1	19.18			19.5	4.5
Channel				158100	159100		24.0	0.0
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.28	23.06	23.08		

n26 Ant 0									
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				164800	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.06	23.26	23.07			
20	PI/2 BPSK	1	53	23.13	23.23	23.11	24.0	0.0	
20	PI/2 BPSK	1	104	23.20	23.30	23.31			
20	PI/2 BPSK	50	0	22.90	22.95	22.82		0.5	
20	PI/2 BPSK	50	28	23.09	23.28	23.14	23.5	0.0	
20	PI/2 BPSK	50	56	22.83	22.93	22.89		0.5	
20	PI/2 BPSK	100	0	22.88	22.92	22.89		0.5	
20	QPSK	1	1	23.20	23.23	23.31	24.0	0.0	
20	QPSK	1	53	23.20	23.30	23.23			
20	QPSK	1	104	23.17	23.23	23.24		1.0	
20	QPSK	50	0	22.36	22.41	22.41	23.0	0.0	
20	QPSK	50	28	23.22	23.23	23.21		1.0	
20	QPSK	50	56	22.36	22.42	22.30		1.0	
20	QPSK	100	0	22.37	22.41	22.20	23.0	1.0	
20	16QAM	1	1	21.87	22.08	22.00		2.5	
20	64QAM	1	1	20.60	20.65	20.60		2.5	
20	256QAM	1	1	19.10	19.26	19.12	19.5	4.5	
Channel				164500	165000	165500		MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	23.29	23.16	23.10		0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				810	831.5	841.5			
10	QPSK	1	1	23.29	23.11	23.12		0.0	
Channel				163300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	1	23.11	23.24	23.13		0.0	

n71 Ant 0									
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				136100	136100	136100	24.0	0.0	
Frequency (MHz)				680.5	680.5	680.5			
35	PI/2 BPSK	1	1		23.13				
35	PI/2 BPSK	1	94		23.08		23.5	0.5	
35	PI/2 BPSK	1	186		23.12			0.0	
35	PI/2 BPSK	94	0		22.73			0.5	
35	PI/2 BPSK	94	47		23.05		23.5	0.0	
35	PI/2 BPSK	94	94		22.71			0.5	
35	PI/2 BPSK	186	0		22.72			0.5	
35	QPSK	1	1		23.16		24.0	0.0	
35	QPSK	1	94		23.14				
35	QPSK	1	186		23.10			1.0	
35	QPSK	94	0		22.23		24.0	0.0	
35	QPSK	94	47		23.13			1.0	
35	QPSK	94	94		22.21			1.0	
35	QPSK	186	0		22.24		23.0	1.0	
35	16QAM	1	1		21.86			2.5	
35	64QAM	1	1		20.44			2.5	
35	256QAM	1	1		19.08		19.5	4.5	
Channel				136600	137100	136600		MPR (dB)	
Frequency (MHz)				678	680.5	683			
30	QPSK	1	1	23.12	22.89	23.09		0.0	
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				675.5	680.5	685.5			
25	QPSK	1	1	22.90	23.00	23.11		0.0	
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				673	680.5	688			
20	QPSK	1	1	22.80	23.14	22.97		0.0	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	1	23.10	22.98	22.91		0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	QPSK	1	1	23.09	22.96	22.93		0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	QPSK	1	1	23.09	23.03	23.01		0.0	

n41 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	MFR (dB)
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
180	PSS-BPSK	1	1	21.70	21.74	21.74			
180	PSS-BPSK	1	137	21.70	21.97	21.95	23.0	0.0	
180	PSS-BPSK	1	271	21.72	21.91	22.81			
180	PSS-BPSK	18	0	21.90	21.99	22.00	25.0	0.0	
180	PSS-BPSK	136	96	22.11	21.97	22.14	25.0	0.0	
180	PSS-BPSK	136	136	21.85	22.04	21.94	25.0	0.0	
180	PSS-BPSK	256	0	21.90	22.12	21.70			
180	QPSK	1	1	22.10	22.23	22.16			
180	QPSK	1	137	21.90	22.07	21.90	23.0	0.0	
180	QPSK	1	271	21.90	22.06	22.00			
180	QPSK	136	0	22.00	22.17	21.80	25.0	0.0	
180	QPSK	136	96	22.10	22.01	22.00	25.0	0.0	
180	QPSK	136	136	22.00	22.19	21.78	25.0	0.0	
180	QPSK	272	0	21.90	22.00	21.80			
180	QPSK	1	1	21.70	21.72	21.81	25.0	0.0	
180	QPSK	1	1	21.78	21.94	21.97	25.0	0.0	
180	QPSK	1	1	20.70	20.84	20.80	23.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
90	QPSK	1	1	21.45	22.11	22.00	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
90	QPSK	1	1	21.90	22.30	22.00	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
70	QPSK	1	1	22.07	22.21	22.13	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
60	QPSK	1	1	22.10	22.11	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
50	QPSK	1	1	22.04	22.20	22.06	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
40	QPSK	1	1	22.10	22.10	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
30	QPSK	1	1	21.90	22.17	22.13	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
20	QPSK	1	1	22.17	22.03	21.90	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
10	QPSK	1	1	22.00	22.11	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
10	QPSK	1	1	22.10	22.09	22.04	25.0	0.0	

n41 PC2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	MFR (dB)
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
180	PSS-BPSK	1	1	21.70	21.74	21.74			
180	PSS-BPSK	1	137	24.80	22.07	24.70	25.0	0.0	
180	PSS-BPSK	1	271	25.00	24.95	24.80			
180	PSS-BPSK	18	0	24.70	24.87	24.71	25.0	0.0	
180	PSS-BPSK	136	96	25.00	25.01	24.80	25.0	0.0	
180	PSS-BPSK	136	136	24.70	24.77	24.54	25.0	0.0	
180	PSS-BPSK	256	0	24.60	24.72	24.60			
180	QPSK	1	1	25.21	25.10	25.18			
180	QPSK	1	137	24.70	24.93	24.74	25.0	0.0	
180	QPSK	1	271	24.70	24.91	24.74			
180	QPSK	136	0	24.80	24.74	24.94	25.0	0.0	
180	QPSK	136	96	24.70	25.00	24.70	25.0	0.0	
180	QPSK	136	136	24.70	24.99	24.60	25.0	0.0	
180	QPSK	272	0	24.60	24.60	24.60			
180	QPSK	1	1	24.70	25.27	25.00	25.0	0.0	
180	QPSK	1	1	25.00	25.01	25.00	25.0	0.0	
180	QPSK	1	1	25.00	25.07	25.00	23.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
90	QPSK	1	1	25.00	25.20	25.15	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
90	QPSK	1	1	25.07	25.20	25.00	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
70	QPSK	1	1	25.21	25.17	25.13	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
60	QPSK	1	1	25.00	25.14	25.10	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
50	QPSK	1	1	25.00	25.18	25.06	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
40	QPSK	1	1	25.21	25.19	25.00	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
30	QPSK	1	1	25.10	25.30	25.11	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
20	QPSK	1	1	25.00	25.14	25.17	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
10	QPSK	1	1	25.10	25.20	25.10	25.0	0.0	
Channel									
Frequency (MHz)				1540.01	1540.56	1540.56	1540.56	1540.56	
10	QPSK	1	1	25.14	25.19	25.07	25.0	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1870	1880	1890		
40	PI2 BPSK	1	1	23.05	23.12	23.03		
40	PI2 BPSK	1	108	23.04	23.20	23.12	24.0	0.0
40	PI2 BPSK	1	214	23.00	23.15	23.01		
40	PI2 BPSK	108	0	22.73	22.83	22.83	23.5	0.5
40	PI2 BPSK	108	54	23.00	23.21	23.04	24.0	0.0
40	PI2 BPSK	108	108	22.99	22.79	22.74	23.5	0.5
40	PI2 BPSK	216	0	22.81	22.83	22.81		
40	QPSK	1	1	23.11	23.09	23.10		
40	QPSK	1	108	23.16	23.27	23.07	24.0	0.0
40	QPSK	1	214	23.04	23.16	23.02		
40	QPSK	108	0	22.15	22.32	22.33	23.0	1.0
40	QPSK	108	54	23.23	23.24	23.22	24.0	0.0
40	QPSK	108	108	22.11	22.18	22.14	23.0	1.0
40	QPSK	216	0	22.17	22.22	22.18		
40	16QAM	1	1	21.87	21.88	21.78	23.0	1.0
40	64QAM	1	1	20.37	20.46	20.25	21.5	2.5
40	256QAM	1	1	19.01	19.08	19.09	19.5	4.5
Channel								
Frequency (MHz)				1870.5	1880	1890.5	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	23.10	23.19	23.00	24.0	0.0
Channel								
Frequency (MHz)				373000	375000	379000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.91	23.21	23.07	24.0	0.0
Channel								
Frequency (MHz)				372500	375000	379500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	1867.5	1880	1897.5	24.0	0.0
Channel								
Frequency (MHz)				372000	375000	380000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.03	23.11	22.99	24.0	0.0
Channel								
Frequency (MHz)				371500	375000	380500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	1827.5	1880	1907.5	24.0	0.0
Channel								
Frequency (MHz)				371000	375000	381000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	1885	1880	1905	24.0	0.0
Channel								
Frequency (MHz)				370500	375000	381500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.08	23.20	23.05	24.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	23.23	23.21	23.14		
50	PI2 BPSK	1	135	23.20	23.31	23.28	24.0	0.0
50	PI2 BPSK	1	268	23.19	23.29	23.20		
50	PI2 BPSK	135	0	22.92	22.97	22.86	23.5	0.5
50	PI2 BPSK	135	68	23.11	23.29	23.20	24.0	0.0
50	PI2 BPSK	135	135	22.80	22.89	22.89	23.5	0.5
50	PI2 BPSK	270	0	22.73	22.86	22.72		
50	QPSK	1	1	23.16	23.32	23.21		
50	QPSK	1	135	23.10	23.27	23.09	24.0	0.0
50	QPSK	1	268	23.24	23.24	23.17		
50	QPSK	135	0	22.29	22.36	22.32	23.0	1.0
50	QPSK	135	68	23.28	23.31	23.30	24.0	0.0
50	QPSK	135	135	22.33	22.34	22.35	23.0	1.0
50	QPSK	270	0	22.28	22.35	22.26		
50	16QAM	1	1	21.79	21.80	21.80	23.0	1.0
50	64QAM	1	1	20.43	20.52	20.34	21.5	2.5
50	256QAM	1	1	19.02	19.12	18.93	19.5	4.5
Channel								
Frequency (MHz)				2520	2535	2550	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	23.10	23.16	23.10	24.0	0.0
Channel								
Frequency (MHz)				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	23.17.5	2535	2557.5	24.0	0.0
Channel								
Frequency (MHz)				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.99	23.28	23.15	24.0	0.0
Channel								
Frequency (MHz)				502500	507000	510500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	23.09	23.15	23.21	24.0	0.0
Channel								
Frequency (MHz)				502000	507000	510000	Tune-up limit (dBm)	MPR (dB)
20	PI2 BPSK	1	1	23.10	23.35	23.60	24.0	0.0
Channel								
Frequency (MHz)				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	22.95	23.16	23.22	24.0	0.0
Channel								
Frequency (MHz)				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	23.08	23.18	23.17	24.0	0.0
Channel								
Frequency (MHz)				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.10	23.29	23.15	24.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1870	1882.5	1895		
40	PI2 BPSK	1	1	22.96	23.13	23.07		
40	PI2 BPSK	1	108	23.27	23.26	23.10	24.0	0.0
40	PI2 BPSK	1	214	23.01	23.15	23.14		
40	PI2 BPSK	108	0	22.85	22.85	22.85	23.5	0.5
40	PI2 BPSK	108	54	23.13	23.31	23.25	24.0	0.0
40	PI2 BPSK	108	108	22.68	22.78	22.72	23.5	0.5
40	PI2 BPSK	216	0	22.83	22.84	22.88		
40	QPSK	1	1	23.22	23.37	23.23		
40	QPSK	1	108	23.09	23.22	23.21	24.0	0.0
40	QPSK	1	214	22.92	23.14	23.11		
40	QPSK	108	0	22.27	22.36	22.19	23.0	1.0
40	QPSK	108	54	23.33	23.36	23.34	24.0	0.0
40	QPSK	108	108	22.13	22.36	22.20	23.0	1.0
40	QPSK	216	0	22.30	22.33	22.23		
40	16QAM	1	1	21.85	21.86	21.86	23.0	1.0
40	64QAM	1	1	20.36	20.44	20.36	21.5	2.5
40	256QAM	1	1	19.03	19.04	18.93	19.5	4.5
Channel								
Frequency (MHz)				1867.5	1882.5	1897.5	Tune-up limit (dBm)	MPR (dB)
35	QPSK	1	1	23.12	23.37	23.05	24.0	0.0
Channel								
Frequency (MHz)				373000	375000	380000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	22.95	1882.5	1905	24.0	0.0
Channel								
Frequency (MHz)				372500	375000	380500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	23.19	23.28	23.13	24.0	0.0
Channel								
Frequency (MHz)				372000	375000	381000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	23.06	23.24	23.09	24.0	0.0
Channel								
Frequency (MHz)				371500	375000	381500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	1827.5	1882.5	1907.5	24.0	0.0
Channel								
Frequency (MHz)				371000	375000	382000	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	1885	1882.5	1910	24.0	0.0
Channel								
Frequency (MHz)				370500	375000	382500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	23.19	23.15	23.09	24.0	0.0

n30 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				462000				
Frequency (MHz)				2310				
10	PI2 BPSK	1	1	23.35				
10	PI2 BPSK	1	26	23.31			24.0	0.0
10	PI2 BPSK	1	50	23.29				
10	PI2 BPSK	25	0	22.88			23.5	0.5
10	PI2 BPSK	25	14	23.22			24.0	0.0
10	PI2 BPSK	25	27	22.95			23.5	0.5
10	PI2 BPSK	50	0	22.90				
10	QPSK	1	1	23.37			24.0	0.0
10	QPSK	1	26	23.29				
10	QPSK	1	50	23.30				
10	QPSK	25	0	22.33			23.0	1.0
10	QPSK	25	14	23.35			24.0	0.0
10	QPSK	25	27	22.42			23.0	1.0
10	QPSK	50	0	22.37				
10	16QAM	1	1	21.98			23.0	1.0
10	64QAM	1	1	20.55			21.5	2.5
10	256QAM	1	1	19.21			19.5	4.5
Channel				461800	462100	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.17	23.15	24.0	24.0	0.0

n66 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	22.79	22.94	22.94		
40	PI2 BPSK	1	108	22.99	23.12	23.00	24.0	0.0
40	PI2 BPSK	1	214	22.90	22.89	22.80		
40	PI2 BPSK	108	0	22.45	22.64	22.58	23.5	0.5
40	PI2 BPSK	108	54	22.99	23.16	23.05	24.0	0.0
40	PI2 BPSK	108	108	22.42	22.60	22.56	23.5	0.5
40	PI2 BPSK	216	0	22.48	22.64	22.58		
40	QPSK	1	1	23.04	23.19	22.96		
40	QPSK	1	108	22.98	23.04	22.87	24.0	0.0
40	QPSK	1	214	22.77	22.89	22.80		
40	QPSK	108	0	21.98	22.18	22.13	23.0	1.0
40	QPSK	108	54	23.17	23.18	23.10	24.0	0.0
40	QPSK	108	108	22.13	22.11	22.11	23.0	1.0
40	QPSK	216	0	22.13	22.16	22.02		
40	16QAM	1	1	21.69	21.74	21.56	23.0	1.0
40	64QAM	1	1	20.13	20.34	20.19	21.5	2.5
40	256QAM	1	1	18.78	18.87	18.78	19.5	4.5
Channel				345500	349500	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.02	22.98	22.84	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.89	23.02	22.89	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.85	23.11	22.85	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.01	23.09	22.81	24.0	0.0
Channel				343500	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.88	23.07	22.82	24.0	0.0
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.04	23.16	22.77	24.0	0.0

n70 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mode Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				340000				
Frequency (MHz)				1702.5				
15	PI2 BPSK	1	1	22.98				
15	PI2 BPSK	1	40	23.08			24.0	0.0
15	PI2 BPSK	1	77	22.97				
15	PI2 BPSK	36	0	22.61			23.5	0.5
15	PI2 BPSK	36	22	23.12			24.0	0.0
15	PI2 BPSK	36	43	22.83			23.5	0.5
15	PI2 BPSK	75	0	22.88				
15	QPSK	1	1	23.15			24.0	0.0
15	QPSK	1	40	23.11				
15	QPSK	1	77	22.99				
15	QPSK	36	0	22.12			23.0	1.0
15	QPSK	36	22	23.13			24.0	0.0
15	QPSK	36	43	22.14			23.0	1.0
15	QPSK	75	0	22.16				
15	16QAM	1	1	21.83			23.0	1.0
15	64QAM	1	1	20.43			21.5	2.5
15	256QAM	1	1	19.04			19.5	4.5
Channel				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.03	23.11	23.04	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.03	23.11	22.95	24.0	0.0

n41 Ant 1									
RF [MHz]	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 [Frac]	Power Mkts. Ch. 1 [Frac]	Power Lvl Ch. 2 [Frac]	Power Mkts. Ch. 2 [Frac]	Turn-up Int. [dB]	SRP [dB]
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560	2560		
100	PSS-BPSK	1	1	23.05	23.14	23.06			
100	PSS-BPSK	1	107	23.14	23.26	23.15		24.0	0.0
100	PSS-BPSK	1	211	23.15	23.26	23.16			
100	PSS-BPSK	100	0	23.17	23.28	23.18		26.0	0.0
100	PSS-BPSK	100	60	23.28	23.38	23.29		24.0	0.0
100	PSS-BPSK	100	108	23.11	23.27	23.07		24.0	0.0
100	PSS-BPSK	200	0	23.05	23.22	23.20		24.0	0.0
100	CPFSK	1	1	23.02	23.10	23.11			
100	CPFSK	1	107	23.20	23.25	23.08		24.0	0.0
100	CPFSK	1	211	23.08	23.04	23.05			
100	CPFSK	100	0	23.15	23.26	23.13		26.0	0.0
100	CPFSK	100	60	23.30	23.37	23.32		24.0	0.0
100	CPFSK	100	108	23.00	23.06	23.00		24.0	0.0
100	CPFSK	200	0	23.00	23.14	23.07		26.0	0.0
100	WCDMA	1	1	23.05	23.20	23.07		26.0	0.0
100	WCDMA	1	1	23.01	23.04	23.01		24.0	0.0
100	256QAM	1	1	23.00	23.02	23.00		22.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561	2560.00	2560.00	2560.00		
50	CPFSK	1	1	23.05	23.19	23.07		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.02	2560.00	2560.00	2560.00		
50	CPFSK	1	1	23.02	23.10	23.04		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.01	2560.00	2560	2560		
50	CPFSK	1	1	23.04	23.19	23.09		24.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.00	23.19	23.09	24.0		
40	CPFSK	1	1	23.05	23.26	23.04		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560	2560		
50	CPFSK	1	1	23.01	23.21	23.05		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.01	2560.00	2560.00	2560.00		
30	CPFSK	1	1	23.00	23.22	23.08		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560.00	2560.00		
20	CPFSK	1	1	23.04	23.21	23.00		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560.00	2560.00		
15	CPFSK	1	1	23.00	23.20	23.00		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.01	2560.00	2560	2560		
10	CPFSK	1	1	23.00	23.10	23.00		24.0	0.0

n41 PC2 Ant 1									
RF [MHz]	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 [Frac]	Power Mkts. Ch. 1 [Frac]	Power Lvl Ch. 2 [Frac]	Power Mkts. Ch. 2 [Frac]	Turn-up Int. [dB]	SRP [dB]
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560	2560		
100	PSS-BPSK	1	1	26.00	26.20	25.90			
100	PSS-BPSK	1	107	26.02	26.32	25.92		27.0	0.0
100	PSS-BPSK	1	211	26.01	26.31	25.92			
100	PSS-BPSK	100	0	26.07	26.34	25.95		26.0	0.0
100	PSS-BPSK	100	60	26.20	26.31	25.94		27.0	0.0
100	PSS-BPSK	100	108	26.00	26.30	25.98		26.0	0.0
100	PSS-BPSK	200	0	26.00	26.35	25.90		26.0	0.0
100	CPFSK	1	1	26.01	26.11	25.94			
100	CPFSK	1	107	26.10	26.22	26.10		27.0	0.0
100	CPFSK	1	211	26.00	26.09	26.01			
100	CPFSK	100	0	26.05	26.30	26.13		26.0	0.0
100	CPFSK	100	60	26.01	26.30	25.98		27.0	0.0
100	CPFSK	100	108	26.10	26.40	26.00		26.0	0.0
100	CPFSK	200	0	26.00	26.31	25.97		26.0	0.0
100	WCDMA	1	1	26.00	26.40	25.92		26.0	0.0
100	WCDMA	1	1	25.91	26.01	25.94		24.0	0.0
100	256QAM	1	1	25.90	25.90	25.80		22.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561	2560.00	2560.00	2560.00		
50	CPFSK	1	1	26.00	26.29	25.83		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.02	2560.00	2560.00	2560.00		
50	CPFSK	1	1	26.07	26.37	26.00		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.02	2560.00	2560.00	2560.00		
50	CPFSK	1	1	26.00	26.33	26.00		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.00	26.33	26.00	27.0		
40	CPFSK	1	1	26.01	26.34	25.90		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560	2560		
50	CPFSK	1	1	26.00	26.30	25.91		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560.00	2560.00		
40	CPFSK	1	1	26.00	26.30	25.90		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.01	2560.00	2560.00	2560.00		
30	CPFSK	1	1	26.00	26.29	25.85		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560.00	2560.00		
20	CPFSK	1	1	26.00	26.23	26.03		27.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2560.01	2560.00	2560.00	2560.00		
15	CPFSK	1	1	26.00	26.24	26.00		26.0	0.0
Channel				300000	310000	300000	310000		
Frequency [MHz]				2561.01	2560.00	2560	2560		
10	CPFSK	1	1	26.00	26.10	25.90		27.0	0.0

Part27Q n77 Ant 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				633334			
Frequency (MHz)				3500.01			
100	PI2 BPSK	1	1		22.66		
100	PI2 BPSK	1	137		22.64		
100	PI2 BPSK	1	271		22.69		24.0
100	PI2 BPSK	135	0		22.52		24.0
100	PI2 BPSK	135	69		22.58		24.0
100	PI2 BPSK	135	138		22.43		24.0
100	PI2 BPSK	270	0		22.54		24.0
100	QPSK	1	1		22.78		
100	QPSK	1	137		22.52		24.0
100	QPSK	1	271		22.52		24.0
100	QPSK	135	0		22.70		24.0
100	QPSK	135	69		22.60		24.0
100	QPSK	135	138		22.66		24.0
100	QPSK	270	0		22.63		24.0
100	16QAM	1	1		22.20		24.0
100	64QAM	1	1		22.19		24.0
100	256QAM	1	1		21.38		22.5
Channel				633000	633334	633668	
Frequency (MHz)				3495	3500.01	3505.02	MPR (dB)
90	QPSK	1	1		22.64	22.70	22.67
Channel				633000		633334	
Frequency (MHz)				3490.02		3500.01	
80	QPSK	1	1		22.74	22.70	22.64
Channel				632334	633334	634334	
Frequency (MHz)				3495.01	3500.01	3515.01	MPR (dB)
70	QPSK	1	1		22.57	22.60	22.52
Channel				632000		633334	
Frequency (MHz)				3480		3500.01	MPR (dB)
60	QPSK	1	1		22.63	22.65	22.50
Channel				631968		633334	
Frequency (MHz)				3475.02		3500.01	MPR (dB)
50	QPSK	1	1		22.53	22.59	22.42
Channel				631334		633334	
Frequency (MHz)				3470.01		3500.01	MPR (dB)
40	QPSK	1	1		22.58	22.64	22.48
Channel				631000		633334	
Frequency (MHz)				3465		3500.01	MPR (dB)
30	QPSK	1	1		22.74	22.70	22.64
Channel				630834		633334	
Frequency (MHz)				3462.51		3500.01	MPR (dB)
25	QPSK	1	1		22.65	22.55	22.46
Channel				630668		633334	
Frequency (MHz)				3460.02		3500.01	MPR (dB)
20	QPSK	1	1		22.63	22.65	22.47
Channel				630500		633334	
Frequency (MHz)				3457.5		3500.01	MPR (dB)
15	QPSK	1	1		22.60	22.60	22.47
Channel				630334		633334	
Frequency (MHz)				3450.01		3500.01	MPR (dB)
10	QPSK	1	1		22.56	22.51	22.49

Part27Q n77 PC2 Ant 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				633334			
Frequency (MHz)				3500.01			
100	PI2 BPSK	1	1		24.62		
100	PI2 BPSK	1	137		24.63		
100	PI2 BPSK	1	271		24.53		25.5
100	PI2 BPSK	135	0		24.65		25.5
100	PI2 BPSK	135	69		24.62		25.5
100	PI2 BPSK	135	138		24.65		25.5
100	PI2 BPSK	270	0		24.63		25.5
100	QPSK	1	1		24.66		
100	QPSK	1	137		24.64		25.5
100	QPSK	1	271		24.63		25.5
100	QPSK	135	0		24.60		25.5
100	QPSK	135	69		24.62		25.5
100	QPSK	135	138		24.53		25.5
100	QPSK	270	0		24.67		25.5
100	16QAM	1	1		24.16		25.5
100	64QAM	1	1		22.84		24.5
100	256QAM	1	1		21.51		22.5
Channel				633000	633334	633668	
Frequency (MHz)				3495	3500.01	3505.02	MPR (dB)
90	QPSK	1	1		24.60	24.59	24.62
Channel				632500		633334	
Frequency (MHz)				3490.02		3500.01	MPR (dB)
80	QPSK	1	1		24.65	24.65	24.63
Channel				632334		634334	
Frequency (MHz)				3495.01		3515.01	MPR (dB)
70	QPSK	1	1		24.64	24.61	24.59
Channel				632000		633334	
Frequency (MHz)				3480		3500.01	MPR (dB)
60	QPSK	1	1		24.59	24.62	24.61
Channel				631968		633334	
Frequency (MHz)				3475.02		3500.01	MPR (dB)
50	QPSK	1	1		24.59	24.62	24.62
Channel				631334		633334	
Frequency (MHz)				3470.01		3500.01	MPR (dB)
40	QPSK	1	1		24.62	24.61	24.61
Channel				631000		633334	
Frequency (MHz)				3465		3500.01	MPR (dB)
30	QPSK	1	1		24.61	24.62	24.61
Channel				630834		633334	
Frequency (MHz)				3462.51		3500.01	MPR (dB)
25	QPSK	1	1		24.64	24.62	24.62
Channel				630668		633334	
Frequency (MHz)				3460.02		3500.01	MPR (dB)
20	QPSK	1	1		24.62	24.62	24.65
Channel				630500		633334	
Frequency (MHz)				3457.5		3500.01	MPR (dB)
15	QPSK	1	1		24.61	24.65	24.61
Channel				630334		633334	
Frequency (MHz)				3450.01		3500.01	MPR (dB)
10	QPSK	1	1		24.55	24.62	24.64

Part270 n78 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1		22.42		24.0	0.0	
100	Pi2 BPSK	1	137		22.33				
100	Pi2 BPSK	1	271		22.48				
100	Pi2 BPSK	135	0		22.46		24.0	0.0	
100	Pi2 BPSK	135	69		22.42		24.0	0.0	
100	Pi2 BPSK	135	138		22.69		24.0	0.0	
100	Pi2 BPSK	270	0		22.46				
100	QPSK	1	1		22.71				
100	QPSK	1	137		22.70		24.0	0.0	
100	QPSK	1	271		22.69		24.0	0.0	
100	QPSK	135	0		22.59				
100	QPSK	135	69		22.69				
100	QPSK	135	138		22.56		24.0	0.0	
100	QPSK	270	0		22.50		24.0	0.0	
100	MQAM	1	1		22.16				
100	64QAM	1	1		22.33				
100	256QAM	1	1		21.38		22.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		22.48	22.49	24.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		22.42	22.40	22.56	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		22.46	22.45	22.59	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		22.51	22.40	22.53	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		22.43	22.60	22.54	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		22.42	22.54	22.45	24.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		22.44	22.43	22.61	24.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		22.56	22.44	22.43	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		22.54	22.62	22.56	24.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		22.53	22.52	22.59	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		22.42	22.45	22.62	24.0	0.0

Part270 n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1		24.55		25.5	0.0	
100	Pi2 BPSK	1	137		24.19				
100	Pi2 BPSK	1	271		24.43				
100	Pi2 BPSK	135	0		24.25		25.5	0.0	
100	Pi2 BPSK	135	69		24.44		25.5	0.0	
100	Pi2 BPSK	135	138		24.49		25.5	0.0	
100	Pi2 BPSK	270	0		24.23				
100	QPSK	1	1		24.60				
100	QPSK	1	137		24.36		25.5	0.0	
100	QPSK	1	271		24.41		25.5	0.0	
100	QPSK	135	0		24.30				
100	QPSK	135	69		24.53				
100	QPSK	135	138		24.39		25.5	0.0	
100	QPSK	270	0		24.42		25.5	0.0	
100	16QAM	1	1		24.17				
100	64QAM	1	1		22.83				
100	256QAM	1	1		21.27		22.5	3.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		24.47	24.50	24.56	25.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		24.57	24.58	24.50	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		24.47	24.53	24.58	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		24.54	24.47	24.57	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		24.54	24.51	24.53	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		24.50	24.56	24.57	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		24.49	24.57	24.54	25.5	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		24.48	24.49	24.53	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		24.55	24.55	24.51	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		24.56	24.57	24.50	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		24.53	24.53	24.50	25.5	0.0

Part27Q n78 Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		22.72		24.0	0.0	
100	P12 BPSK	1	137		22.52				
100	P12 BPSK	1	271		22.49				
100	P12 BPSK	135	0		22.62		24.0	0.0	
100	P12 BPSK	135	69		22.70		24.0	0.0	
100	P12 BPSK	135	138		22.70		24.0	0.0	
100	P12 BPSK	270	0		22.71				
100	QPSK	1	1		22.75				
100	QPSK	1	137		22.66		24.0	0.0	
100	QPSK	1	271		22.66				
100	QPSK	135	0		22.69				
100	QPSK	135	69		22.70		24.0	0.0	
100	QPSK	135	138		22.61		24.0	0.0	
100	QPSK	270	0		22.75		24.0	0.0	
100	16QAM	1	1		22.21				
100	64QAM	1	1		22.31				
100	256QAM	1	1		21.40		22.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		22.63	22.66	22.65	24.0	0.0
Channel				633000	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		22.63	22.73	22.69	24.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		22.60	22.76	22.65	24.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		22.71	22.74	22.64	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		22.60	22.70	22.61	24.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		22.61	22.63	22.68	24.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		22.63	22.62	22.75	24.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		22.62	22.72	22.66	24.0	0.0
Channel				630600	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		22.64	22.65	22.72	24.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		22.75	22.76	22.59	24.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		22.69	22.75	22.60	24.0	0.0

Part27Q n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		24.62		25.5	0.0	
100	P12 BPSK	1	137		24.54				
100	P12 BPSK	1	271		24.48				
100	P12 BPSK	135	0		24.62		25.5	0.0	
100	P12 BPSK	135	69		24.56		25.5	0.0	
100	P12 BPSK	135	138		24.56		25.5	0.0	
100	P12 BPSK	270	0		24.56				
100	QPSK	1	1		24.66				
100	QPSK	1	137		24.57		25.5	0.0	
100	QPSK	1	271		24.59				
100	QPSK	135	0		24.52				
100	QPSK	135	69		24.53		25.5	0.0	
100	QPSK	135	138		24.48		25.5	0.0	
100	QPSK	270	0		24.47		25.5	0.0	
100	16QAM	1	1		24.12				
100	64QAM	1	1		22.92				
100	256QAM	1	1		21.33		22.5	3.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		24.63	24.63	24.59	25.5	0.0
Channel				632968	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		24.59	24.59	24.63	25.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		24.53	24.60	24.57	25.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		24.64	24.61	24.56	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		24.54	24.61	24.63	25.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		24.54	24.62	24.60	25.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		24.55	24.58	24.61	25.5	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		24.63	24.61	24.63	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		24.58	24.53	24.62	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		24.58	24.56	24.59	25.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		24.52	24.53	24.62	25.5	0.0

n12 Ant 4									
Site (M)	Module	RIS Size	RIS Order	Phase Low Ch. (M)	Phase Mid Ch. (M)	Phase High Ch. (M)	Timing (s)	MW (W)	
Channel									
Frequency (MHz)									
15	PHASE	1	1	23.00	23.00	23.00			
15	PHASE	1	60	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	120	23.00	23.00	23.00			
15	PHASE	1	180	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	240	23.00	23.00	23.00			
15	PHASE	1	300	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	360	23.00	23.00	23.00			
15	PHASE	1	420	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	480	23.00	23.00	23.00			
15	PHASE	1	540	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	600	23.00	23.00	23.00			
15	PHASE	1	660	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	720	23.00	23.00	23.00			
15	PHASE	1	780	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	840	23.00	23.00	23.00			
15	PHASE	1	900	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	960	23.00	23.00	23.00			
15	PHASE	1	1020	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1080	23.00	23.00	23.00			
15	PHASE	1	1140	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1200	23.00	23.00	23.00			
15	PHASE	1	1260	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1320	23.00	23.00	23.00			
15	PHASE	1	1380	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1440	23.00	23.00	23.00			
15	PHASE	1	1500	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1560	23.00	23.00	23.00			
15	PHASE	1	1620	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1680	23.00	23.00	23.00			
15	PHASE	1	1740	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1800	23.00	23.00	23.00			
15	PHASE	1	1860	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	1920	23.00	23.00	23.00			
15	PHASE	1	1980	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2040	23.00	23.00	23.00			
15	PHASE	1	2100	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2160	23.00	23.00	23.00			
15	PHASE	1	2220	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2280	23.00	23.00	23.00			
15	PHASE	1	2340	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2400	23.00	23.00	23.00			
15	PHASE	1	2460	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2520	23.00	23.00	23.00			
15	PHASE	1	2580	23.00	23.00	23.00	24.0	0.0	
15	PHASE	1	2640	23.00	23.00	23.00			
15									

n14 Ant 4									
BSS (MHz)	Modulation	RB Size	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Time (min)	MTS (dB)
Channel									
Frequency (MHz)									
10	Full BPSK	1	1	23.15					
10	Full BPSK	1	35	23.32				24.0	0.0
10	Full BPSK	1	50	23.32					
10	Full BPSK	20	0	23.24				23.5	0.5
10	Full BPSK	20	14	23.23				24.0	0.0
10	Full BPSK	20	27	23.18				23.5	0.5
10	Full BPSK	20	0	23.07					
10	QPSK	1	1	23.08					
10	QPSK	1	35	23.17				24.0	0.0
10	QPSK	1	50	23.21					
10	QPSK	20	0	23.38				23.0	1.0
10	QPSK	20	14	23.17				24.0	0.0
10	QPSK	20	27	22.35				23.0	1.0
10	QPSK	20	0	22.00					
10	QPSK	1	1	22.01				23.0	1.0
10	QPSK	1	1	22.52				23.5	2.5
10	QPSK	1	1	23.10				10.5	4.5
Channel				100.000	100.000	100.000	Turnup Time (min)	10.0	0.0
Frequency (MHz)				23.14	23.34	23.35	23.0	0.0	
5	QPSK	1	1	23.47	23.34	23.35	23.0	0.0	

n25 Ant 4									
BSS (MHz)	Modulation	RB Size	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Time (min)	MTS (dB)
Channel									
Frequency (MHz)									
40	Full BPSK	1	1	20.00	21.00	20.00			
40	Full BPSK	1	104	20.00	21.14	20.00		22.0	0.0
40	Full BPSK	1	214	20.05	21.08	21.02			
40	Full BPSK	100	0	20.00	20.75	20.00		21.5	0.5
40	Full BPSK	100	54	21.00	21.12	21.10		22.0	0.0
40	Full BPSK	100	100	20.00	20.88	20.00		21.5	0.5
40	Full BPSK	100	0	20.00	20.82	20.00			
40	QPSK	1	1	20.00	21.00	20.00			
40	QPSK	1	104	21.00	21.10	21.00		22.0	0.0
40	QPSK	1	214	21.00	20.88	21.00			
40	QPSK	100	0	20.16	20.24	20.07		23.0	1.0
40	QPSK	100	54	21.01	21.00	21.00		22.0	0.0
40	QPSK	100	100	20.11	20.12	20.00		21.0	1.0
40	QPSK	100	0	20.00	20.00	20.00			
40	QPSK	1	1	19.75	19.82	19.00		21.0	1.0
40	QPSK	1	1	19.30	19.32	19.10		19.5	2.5
40	QPSK	1	1	19.01	19.00	19.70		17.5	4.5
Channel				37.000	39.000	39.000	Turnup Time (min)	10.0	0.0
Frequency (MHz)				19.74	20.00	20.00	20.0	0.0	
35	QPSK	1	1	20.00	20.00	20.00		22.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.00	21.00	20.00		22.0	0.0
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.00	20.00	20.00		22.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.00	20.00	20.00		22.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.18	20.08	20.00		22.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.18	20.00	20.00		22.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	20.07	20.10	20.10		22.0	0.0
Channel									
Frequency (MHz)									
0	QPSK	1	1	20.00	20.00	20.00		22.0	0.0

n26 Ant 4									
BSS (MHz)	Modulation	RB Size	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Time (min)	MTS (dB)
Channel									
Frequency (MHz)									
20	Full BPSK	1	1	23.48	23.30	23.30			
20	Full BPSK	1	35	23.30	23.30	23.37		24.0	0.0
20	Full BPSK	1	104	23.20	23.41	23.40			
20	Full BPSK	100	0	23.19	23.10	23.07		23.5	0.5
20	Full BPSK	100	36	23.30	23.44	23.17		24.0	0.0
20	Full BPSK	100	80	22.86	23.00	23.00		23.5	0.5
20	Full BPSK	100	0	23.11	23.00	23.00			
20	QPSK	1	1	23.29	23.40	23.32			
20	QPSK	1	35	23.27	23.30	23.20		24.0	0.0
20	QPSK	1	104	23.02	23.27	23.00			
20	QPSK	100	0	22.40	22.40	22.40		23.0	1.0
20	QPSK	100	36	23.20	23.30	23.37		24.0	0.0
20	QPSK	100	80	22.80	22.40	22.27		23.0	1.0
20	QPSK	100	0	22.20	22.20	22.20			
20	QPSK	1	1	23.07	23.25	23.00		23.0	1.0
20	QPSK	1	1	22.40	22.40	22.50		23.5	2.5
20	QPSK	1	1	23.21	23.20	23.20		10.5	4.5
Channel				100.000	100.000	100.000	Turnup Time (min)	10.0	0.0
Frequency (MHz)				23.14	23.40	23.40	23.0	0.0	
15	QPSK	1	1	23.37	23.45	23.45		24.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.48	23.36	23.30		24.0	0.0
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.20	23.32	23.34		24.0	0.0

n66 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
40	PRBS	1	1	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	1	168	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	1	214	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	168	5	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	168	54	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	168	100	20.75	20.75	20.75	20.75	20.75	20.75
40	PRBS	214	5	20.77	20.77	20.77	20.77	20.77	20.77
40	CPSC	1	1	21.13	21.13	21.13	21.13	21.13	21.13
40	CPSC	1	168	20.75	20.75	20.75	20.75	20.75	20.75
40	CPSC	1	214	20.75	20.75	20.75	20.75	20.75	20.75
40	CPSC	168	5	20.75	20.75	20.75	20.75	20.75	20.75
40	CPSC	168	54	20.75	20.75	20.75	20.75	20.75	20.75
40	CPSC	168	100	20.75	20.75	20.75	20.75	20.75	20.75
40	CPSC	214	5	20.77	20.77	20.77	20.77	20.77	20.77
40	ACAM	1	1	18.34	18.34	18.34	18.34	18.34	18.34
40	ACAM	1	1	18.34	18.34	18.34	18.34	18.34	18.34
40	ACAM	1	1	18.34	18.34	18.34	18.34	18.34	18.34
Channel									
Frequency (MHz)									
50	CPSC	1	1	20.75	20.75	20.75	20.75	20.75	20.75
50	CPSC	1	1	20.75	20.75	20.75	20.75	20.75	20.75
Channel									
Frequency (MHz)									
50	CPSC	1	1	21.00	21.00	21.00	21.00	21.00	21.00
50	CPSC	1	1	21.00	21.00	21.00	21.00	21.00	21.00
Channel									
Frequency (MHz)									
25	CPSC	1	1	20.94	20.94	20.94	20.94	20.94	20.94
Channel									
Frequency (MHz)									
20	CPSC	1	1	20.80	20.80	20.80	20.80	20.80	20.80
Channel									
Frequency (MHz)									
15	CPSC	1	1	20.68	20.68	20.68	20.68	20.68	20.68
Channel									
Frequency (MHz)									
10	CPSC	1	1	20.58	20.58	20.58	20.58	20.58	20.58
Channel									
Frequency (MHz)									
5	CPSC	1	1	20.49	20.49	20.49	20.49	20.49	20.49

n70 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
10	PRBS	1	1	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	1	46	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	1	77	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	46	5	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	46	22	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	46	43	20.49	20.49	20.49	20.49	20.49	20.49
10	PRBS	77	5	20.50	20.50	20.50	20.50	20.50	20.50
10	CPSC	1	1	21.17	21.17	21.17	21.17	21.17	21.17
10	CPSC	1	46	20.49	20.49	20.49	20.49	20.49	20.49
10	CPSC	1	77	20.49	20.49	20.49	20.49	20.49	20.49
10	CPSC	46	5	20.49	20.49	20.49	20.49	20.49	20.49
10	CPSC	46	22	20.49	20.49	20.49	20.49	20.49	20.49
10	CPSC	46	43	20.49	20.49	20.49	20.49	20.49	20.49
10	CPSC	77	5	20.50	20.50	20.50	20.50	20.50	20.50
10	ACAM	1	1	18.31	18.31	18.31	18.31	18.31	18.31
10	ACAM	1	1	18.31	18.31	18.31	18.31	18.31	18.31
10	ACAM	1	1	18.31	18.31	18.31	18.31	18.31	18.31
Channel									
Frequency (MHz)									
10	CPSC	1	1	20.49	20.49	20.49	20.49	20.49	20.49
Channel									
Frequency (MHz)									
5	CPSC	1	1	20.49	20.49	20.49	20.49	20.49	20.49

n71 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)	Power Line Ch. F (MHz)
Channel									
Frequency (MHz)									
30	PRBS	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	PRBS	1	54	18.65	18.65	18.65	18.65	18.65	18.65
30	PRBS	1	100	18.65	18.65	18.65	18.65	18.65	18.65
30	PRBS	54	5	18.65	18.65	18.65	18.65	18.65	18.65
30	PRBS	54	47	18.65	18.65	18.65	18.65	18.65	18.65
30	PRBS	100	5	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	1	54	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	1	100	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	54	5	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	54	47	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	100	5	18.65	18.65	18.65	18.65	18.65	18.65
30	ACAM	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	ACAM	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	ACAM	1	1	18.65	18.65	18.65	18.65	18.65	18.65
Channel									
Frequency (MHz)									
30	CPSC	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	1	1	18.65	18.65	18.65	18.65	18.65	18.65
Channel									
Frequency (MHz)									
30	CPSC	1	1	18.65	18.65	18.65	18.65	18.65	18.65
30	CPSC	1	1	18.65	18.65	18.65	18.65	18.65	18.65
Channel									
Frequency (MHz)									
20	CPSC	1	1	18.14	18.14	18.14	18.14	18.14	18.14
Channel									
Frequency (MHz)									
15	CPSC	1	1	18.14	18.14	18.14	18.14	18.14	18.14
Channel									
Frequency (MHz)									
10	CPSC	1	1	18.14	18.14	18.14	18.14	18.14	18.14
Channel									
Frequency (MHz)									
5	CPSC	1	1	18.14	18.14	18.14	18.14	18.14	18.14

n41 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F (MHz)	Power Main Ch. F (MHz)	Power Top Ch. F (MHz)	Powering level (dBm)	SAR (dB)	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
100	PSS-SSBSC	1	1	18.72	18.80	18.73			
100	PSS-SSBSC	1	107	18.72	18.43	18.43	20.0	0.0	
100	PSS-SSBSC	1	201	18.72	18.11	18.08			
100	PSS-SSBSC	136	0	18.72	18.74	18.68	20.0	0.0	
100	PSS-SSBSC	136	86	18.41	18.22	18.23	20.0	0.0	
100	PSS-SSBSC	136	136	18.14	18.34	18.34	20.0	0.0	
100	PSS-SSBSC	270	0	18.72	18.44	18.46			
100	QPSK	1	1	18.72	18.72	18.72			
100	QPSK	1	137	18.42	18.44	18.42	20.0	0.0	
100	QPSK	1	201	18.25	18.13	18.21			
100	QPSK	136	0	18.74	18.74	18.69	20.0	0.0	
100	QPSK	136	86	18.12	18.23	18.21	20.0	0.0	
100	QPSK	136	136	18.12	18.34	18.33	20.0	0.0	
100	QPSK	270	0	18.40	18.21	18.48	20.0	0.0	
100	QPSK	1	1	18.72	18.72	18.72			
100	QPSK	1	1	18.42	18.42	18.42	20.0	0.0	
100	QPSK	1	1	17.63	17.81	17.87	18.5	11.5	
Channel									
Frequency (MHz)				2561	2560.00	2560.00			
50	QPSK	1	1	18.45	18.56	18.27	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	18.72	18.43	18.76	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
70	QPSK	1	1	18.45	18.56	18.13	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	18.72	18.37	18.20	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	18.72	18.37	18.33	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
40	QPSK	1	1	18.37	18.39	18.25	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
30	QPSK	1	1	18.44	18.37	18.10	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
20	QPSK	1	1	18.41	18.31	18.29	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
10	QPSK	1	1	18.72	18.10	18.28	20.0	0.0	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
10	QPSK	1	1	18.42	18.35	18.21	20.0	0.0	

n41 PC2 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F (MHz)	Power Main Ch. F (MHz)	Power Top Ch. F (MHz)	Powering level (dBm)	SAR (dB)	
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
100	PSS-SSBSC	1	1	21.72	22.14	21.18			
100	PSS-SSBSC	1	107	21.72	21.36	21.21	20.0		
100	PSS-SSBSC	1	201	21.17	21.04	21.04			
100	PSS-SSBSC	136	0	21.39	21.71	20.80	22.0		
100	PSS-SSBSC	136	86	21.61	22.10	21.23	22.0		
100	PSS-SSBSC	136	136	21.20	21.74	20.82	22.0		0.0
100	QPSK	1	1	21.72	22.20	21.24			
100	QPSK	1	137	21.39	21.40	21.39	22.0		0.0
100	QPSK	1	201	21.20	21.19	21.21			
100	QPSK	136	0	20.70	21.31	20.26	20.0		1.0
100	QPSK	136	86	21.10	20.24	21.27	23.0		0.0
100	QPSK	136	136	20.50	20.24	20.23	23.0		0.0
100	QPSK	270	0	20.70	20.12	20.27	23.0		1.0
100	QPSK	1	1	20.70	21.24	20.40			
100	QPSK	1	1	18.72	18.95	18.91	20.0		0.0
100	QPSK	1	1	17.64	17.76	18.76	18.5		14.5
Channel									
Frequency (MHz)				2561	2560.00	2560.00			
50	QPSK	1	1	21.45	22.02	21.26	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	21.62	22.20	21.16	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
70	QPSK	1	1	21.72	21.94	21.10	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	21.70	22.01	21.30	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
50	QPSK	1	1	21.60	22.16	21.30	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
40	QPSK	1	1	21.63	22.10	21.24	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
30	QPSK	1	1	21.70	22.13	21.23	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
20	QPSK	1	1	21.61	22.07	21.26	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
15	QPSK	1	1	21.72	21.14	21.24	20.0		0.0
Channel									
Frequency (MHz)				2560.01	2560.00	2560.00			
10	QPSK	1	1	21.61	22.12	21.24	20.0		0.0

Part27Q n77 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			18.0	0.0
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1	16.79				
100	PI2 BPSK	1	137	16.82				
100	PI2 BPSK	1	271	16.77				
100	PI2 BPSK	135	0	16.84			18.0	0.0
100	PI2 BPSK	135	69	16.83			18.0	0.0
100	PI2 BPSK	135	138	16.77			18.0	0.0
100	PI2 BPSK	270	0	16.80			18.0	0.0
100	QPSK	1	1	17.13				
100	QPSK	1	137	16.72				
100	QPSK	1	271	16.88				
100	QPSK	135	0	16.78			18.0	0.0
100	QPSK	135	69	16.84			18.0	0.0
100	QPSK	135	138	16.71			18.0	0.0
100	QPSK	270	0	16.80			18.0	0.0
100	16QAM	1	1	16.82				
100	64QAM	1	1	16.91				
100	256QAM	1	1	16.88				
Channel				633000	633334	633668	16.5	1.5
Frequency (MHz)				3495	3500.01	3505.02	18.0	0.0
90	QPSK	1	1	16.95	17.05	17.11		
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	17.01	17.04	16.96	18.0	0.0
Channel				633334	633334	634334	18.0	0.0
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	17.07	16.99	17.10		
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02	18.0	0.0
60	QPSK	1	1	16.95	17.07	17.04		
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	17.06	16.93	17.11	18.0	0.0
Channel				631334	633334	635334	18.0	0.0
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	17.10	17.06	17.12		
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02	18.0	0.0
30	QPSK	1	1	16.94	17.07	16.92		
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540		
25	QPSK	1	1	16.96	16.98	17.09	18.0	0.0
Channel				630668	633334	636000	18.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	17.01	17.03	16.93		
Channel				630000	633334	636168		
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.03	16.93	17.11	18.0	0.0
Channel				630334	633334	636334	18.0	0.0
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	17.10	17.00	17.10		

Part27Q n77 PC2 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			21.0	0.0
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1	20.07				
100	PI2 BPSK	1	137	19.90				
100	PI2 BPSK	1	271	20.06				
100	PI2 BPSK	135	0	19.98			20.5	0.5
100	PI2 BPSK	135	69	19.98			21.0	0.0
100	PI2 BPSK	135	138	19.65			20.5	0.5
100	PI2 BPSK	270	0	19.92			21.0	0.0
100	QPSK	1	1	20.11				
100	QPSK	1	137	19.90				
100	QPSK	1	271	19.95				
100	QPSK	135	0	19.02			20.0	1.0
100	QPSK	135	69	20.05			21.0	0.0
100	QPSK	135	138	19.12			20.0	1.0
100	QPSK	270	0	19.20			20.0	1.0
100	16QAM	1	1	19.01				
100	64QAM	1	1	17.56				
100	256QAM	1	1	15.50				
Channel				633000	633334	633668	16.5	4.5
Frequency (MHz)				3495	3500.01	3505.02	18.0	0.0
90	QPSK	1	1	19.89	19.89	19.93		
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.07	20.00	19.94	21.0	0.0
Channel				632334	633334	634334	18.0	0.0
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.97	19.90	20.03	21.0	0.0
Channel				632000	633334	634668	18.0	0.0
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	1	19.94	20.10	19.96	21.0	0.0
Channel				631668	633334	635000	18.0	0.0
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	20.09	20.02	19.94	21.0	0.0
Channel				631334	633334	635334	18.0	0.0
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	1	19.90	20.05	20.08	21.0	0.0
Channel				631000	633334	635668	18.0	0.0
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.99	19.98	20.10	21.0	0.0
Channel				630668	633334	636000	18.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
25	QPSK	1	1	19.99	20.08	20.00	21.0	0.0
Channel				630668	633334	636000	18.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.03	20.07	19.95	21.0	0.0
Channel				630000	633334	636168	18.0	0.0
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	20.06	19.96	20.01	21.0	0.0
Channel				630334	633334	636334	18.0	0.0
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.10	20.01	20.08	21.0	0.0

Part270 n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		16.34		18.0	0.0	
100	PI2 BPSK	1	137		16.33				
100	PI2 BPSK	1	271		16.28				
100	PI2 BPSK	135	0		16.25		18.0	0.0	
100	PI2 BPSK	135	69		16.37		18.0	0.0	
100	PI2 BPSK	135	138		16.33		18.0	0.0	
100	PI2 BPSK	270	0		16.28				
100	QPSK	1	1		16.38		18.0	0.0	
100	QPSK	1	137		16.38				
100	QPSK	1	271		16.31				
100	QPSK	135	0		16.28		18.0	0.0	
100	QPSK	135	69		16.37		18.0	0.0	
100	QPSK	135	138		16.19		18.0	0.0	
100	QPSK	270	0		16.31				
100	16QAM	1	1		16.33		18.0	0.0	
100	64QAM	1	1		16.17		18.0	0.0	
100	256QAM	1	1		14.88		16.5	1.5	
Channel				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.35	16.33	16.30	18.0	0.0
Channel				646334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.19	16.22	16.31	18.0	0.0
Channel				646000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.32	16.21	16.17	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.21	16.29	16.27	18.0	0.0
Channel				646334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.26	16.26	16.19	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.18	16.16	16.23	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		16.20	16.34	16.32	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		16.33	16.22	16.26	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.29	16.28	16.32	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.18	16.20	16.29	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.11	16.17	16.14	18.0	0.0

Part270 n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000	21.0	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		19.21		21.0	0.0	
100	PI2 BPSK	1	137		19.19				
100	PI2 BPSK	1	271		19.23				
100	PI2 BPSK	135	0		18.82		20.5	0.5	
100	PI2 BPSK	135	69		19.31		21.0	0.0	
100	PI2 BPSK	135	138		18.84		20.5	0.5	
100	PI2 BPSK	270	0		18.82				
100	QPSK	1	1		19.26		21.0	0.0	
100	QPSK	1	137		19.28				
100	QPSK	1	271		19.19				
100	QPSK	135	0		18.44		20.0	1.0	
100	QPSK	135	69		19.34		21.0	0.0	
100	QPSK	135	138		18.29		20.0	1.0	
100	QPSK	270	0		18.43				
100	16QAM	1	1		18.28		20.0	1.0	
100	64QAM	1	1		16.87		18.5	2.5	
100	256QAM	1	1		14.88		16.5	4.5	
Channel				646668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.25	19.30	19.35	21.0	0.0
Channel				646334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.27	19.29	19.38	21.0	0.0
Channel				646000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.19	19.34	19.18	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.18	19.33	19.18	21.0	0.0
Channel				646334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.31	19.22	19.35	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.26	19.26	19.34	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		19.22	19.24	19.26	21.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		19.31	19.24	19.38	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		19.19	19.17	19.22	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		19.30	19.33	19.33	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		19.33	19.35	19.36	21.0	0.0

Part27Q n78 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1	16.83			18.0	0.0
100	PI2 BPSK	1	137	16.97				
100	PI2 BPSK	1	271	16.87				
100	PI2 BPSK	135	0	17.00			18.0	0.0
100	PI2 BPSK	135	69	17.09			18.0	0.0
100	PI2 BPSK	135	138	16.89			18.0	0.0
100	PI2 BPSK	270	0	17.08				
100	QPSK	1	1	17.12				
100	QPSK	1	137	17.04			18.0	0.0
100	QPSK	1	271	17.00				
100	QPSK	135	0	16.89				
100	QPSK	135	69	17.07			18.0	0.0
100	QPSK	135	138	16.89			18.0	0.0
100	QPSK	270	0	16.93				
100	16QAM	1	1	16.87			18.0	0.0
100	64QAM	1	1	16.92			18.0	0.0
100	256QAM	1	1	15.62			16.5	1.5
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	17.02	17.06	17.08	18.0	0.0
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	16.91	16.86	16.88	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	16.91	17.11	17.07	18.0	0.0
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500.01	3520.02		
60	QPSK	1	1	16.95	16.92	16.89	18.0	0.0
Channel				631998	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	16.95	16.92	16.87	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3500.01	3537.01		
40	QPSK	1	1	16.88	16.92	16.89	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	17.07	17.04	17.09	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3500.01	3537.01		
25	QPSK	1	1	16.96	16.93	17.05	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	16.91	16.88	16.86	18.0	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	17.01	16.92	17.07	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	16.87	16.87	16.85	18.0	0.0

Part27Q n78 PC2 Ant 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI2 BPSK	1	1	19.82			21.0	0.0
100	PI2 BPSK	1	137	19.92				
100	PI2 BPSK	1	271	19.87				
100	PI2 BPSK	135	0	19.95			20.5	0.5
100	PI2 BPSK	135	69	19.96			21.0	0.0
100	PI2 BPSK	135	138	19.92			20.5	0.5
100	PI2 BPSK	270	0	19.85				
100	QPSK	1	1	20.03				
100	QPSK	1	137	19.85			21.0	0.0
100	QPSK	1	271	19.97				
100	QPSK	135	0	19.91			20.0	1.0
100	QPSK	135	69	19.94			21.0	0.0
100	QPSK	135	138	19.98			20.0	1.0
100	QPSK	270	0	19.96				
100	16QAM	1	1	19.10			20.0	1.0
100	64QAM	1	1	17.45			18.5	2.5
100	256QAM	1	1	15.92			16.5	4.5
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3505.02		
90	QPSK	1	1	19.94	19.91	19.81	21.0	0.0
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	1	20.02	20.02	19.84	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01		
70	QPSK	1	1	19.91	19.93	19.95	21.0	0.0
Channel				632000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3500.01	3520.02		
60	QPSK	1	1	19.93	19.90	19.96	21.0	0.0
Channel				631998	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	1	19.86	19.86	20.02	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3462.01	3500.01	3537.01		
40	QPSK	1	1	19.91	19.95	19.98	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	1	19.88	19.99	19.98	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.01	3500.01	3537.01		
25	QPSK	1	1	19.95	20.00	19.99	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	1	20.02	19.87	19.96	21.0	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52		
15	QPSK	1	1	19.87	19.86	19.85	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01		
10	QPSK	1	1	20.02	19.83	19.98	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	641666	643332			
Frequency (MHz)				3600	3624.99	3648.98			
100	PI2 BPSK	1	1	17.39	17.41	17.40	18.0	0.0	
100	PI2 BPSK	1	137	17.43	17.47	17.35			
100	PI2 BPSK	1	271	17.14	17.17	17.11			
100	PI2 BPSK	135	0	16.30	16.53	16.52	17.5	0.5	
100	PI2 BPSK	135	69	17.34	17.48	17.38	18.0	0.0	
100	PI2 BPSK	135	138	16.45	16.29	16.25	17.5	0.5	
100	PI2 BPSK	270	0	16.30	16.35	16.43			
100	QPSK	1	1	17.56	17.61	17.55			
100	QPSK	1	137	17.56	17.58	17.41	18.0	0.0	
100	QPSK	1	271	17.16	17.19	17.11	17.0	1.0	
100	QPSK	135	0	16.51	16.57	16.54			
100	QPSK	135	69	17.42	17.61	17.47			
100	QPSK	135	138	16.47	16.48	16.39	17.0	1.0	
100	QPSK	270	0	16.36	16.52	16.50	17.0	1.0	
100	ISAM	1	1	16.09	16.27	16.22			
100	ISAM	1	1	14.66	14.78	14.62			
100	256QAM	1	1	13.18	13.35	13.16	13.5	4.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	(dB)		
90	QPSK	1	1	17.55	17.49	17.47	18.0	0.0	
Channel				635334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	(dB)		
80	QPSK	1	1	17.58	17.40	17.43	18.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	(dB)		
70	QPSK	1	1	17.48	17.48	17.42	18.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	(dB)		
60	QPSK	1	1	17.40	17.39	17.43	18.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	(dB)		
50	QPSK	1	1	17.40	17.44	17.46	18.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98	(dB)		
40	QPSK	1	1	17.51	17.46	17.57	18.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3571.02	3624.99	3684.99	(dB)		
30	QPSK	1	1	17.49	17.42	17.39	18.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3566.01	3624.99	3690	(dB)		
20	QPSK	1	1	17.55	17.45	17.50	18.0	0.0	
Channel				637168	641666	646368	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3561.63	3624.99	3694.49	(dB)		
15	QPSK	1	1	17.44	17.52	17.55	18.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98	(dB)		
10	QPSK	1	1	17.54	17.48	17.51	18.0	0.0	

Part270 n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	16.18	16.63	16.02	18.0	0.0	
100	PI2 BPSK	1	137	16.14	16.73	16.03			
100	PI2 BPSK	1	271	16.04	16.69	16.07			
100	PI2 BPSK	135	0	16.24	16.62	16.07	18.0	0.0	
100	PI2 BPSK	135	69	16.09	16.65	16.04	18.0	0.0	
100	PI2 BPSK	135	138	16.21	16.63	16.03	18.0	0.0	
100	PI2 BPSK	270	0	16.15	16.71	16.09			
100	QPSK	1	1	16.23	16.78	16.11			
100	QPSK	1	137	16.12	16.69	16.04	18.0	0.0	
100	QPSK	1	271	16.17	16.69	16.01	18.0	0.0	
100	QPSK	135	0	16.09	16.65	16.07			
100	QPSK	135	69	16.20	16.77	16.12			
100	QPSK	135	138	16.03	16.75	16.02	18.0	0.0	
100	QPSK	270	0	16.20	16.65	16.06	18.0	0.0	
100	16QAM	1	1	16.22	16.60	16.05			
100	64QAM	1	1	16.08	16.07	16.09			
100	256QAM	1	1	14.84	15.22	14.58	16.5	1.5	
Channel				646668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	16.02	16.02	16.05	18.0	0.0	
Channel				645334	660000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	16.07	16.16	16.12	18.0	0.0	
Channel				649000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	16.59	16.16	16.06	18.0	0.0	
Channel				648668	660000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	16.66	16.02	16.13	18.0	0.0	
Channel				648334	660000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	16.16	16.16	16.12	18.0	0.0	
Channel				648000	660000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	16.71	16.02	16.03	18.0	0.0	
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3840	3965.01	(dB)		
30	QPSK	1	1	16.58	16.25	16.04	18.0	0.0	
Channel				647500	660000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dB)		
25	QPSK	1	1	16.65	16.23	16.06	18.0	0.0	
Channel				647251	660000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	16.63	16.02	16.12	18.0	0.0	
Channel				647168	660000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	16.64	16.02	16.13	18.0	0.0	
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	16.77	16.15	16.04	18.0	0.0	

Part270 n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.17	19.56	19.13	21.0	0.0	
100	PI2 BPSK	1	137	19.09	19.54	19.23			
100	PI2 BPSK	1	271	19.12	19.56	19.14			
100	PI2 BPSK	135	0	18.81	19.08	18.70	20.5	0.5	
100	PI2 BPSK	135	69	19.22	19.49	19.18	21.0	0.0	
100	PI2 BPSK	135	138	18.67	19.15	18.62	20.5	0.5	
100	PI2 BPSK	270	0	18.79	19.05	18.57	20.0	1.0	
100	QPSK	1	1	19.21	19.05	19.14	21.0	0.0	
100	QPSK	1	137	19.20	19.54	19.08			
100	QPSK	1	271	19.15	19.07	19.03			
100	QPSK	135	0	18.29	18.71	18.15	20.0	1.0	
100	QPSK	135	69	19.04	19.06	19.01	21.0	0.0	
100	QPSK	135	138	18.27	18.72	18.18	20.0	1.0	
100	QPSK	270	0	18.29	18.56	18.06	20.0	1.0	
100	ISAM	1	1	18.19	18.77	18.03	20.0	1.0	
100	ISAM	1	1	16.75	17.09	16.66	18.5	2.5	
100	256QAM	1	1	14.69	15.04	14.71	16.5	4.5	
Channel				649688	650000	652334			
Frequency (MHz)				3743.02	3840	3925.01			
100	QPSK	1	1	19.01	19.15	19.12	21.0	0.0	
Channel				549334	550000	550668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.52	19.07	19.01	21.0	0.0	
Channel				649000	650000	653000			
Frequency (MHz)				3740	3840	3940			
70	QPSK	1	1	19.45	19.16	19.09	21.0	0.0	
Channel				549688	550000	553134			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.62	19.02	19.14	21.0	0.0	
Channel				648334	650000	653668			
Frequency (MHz)				3723.01	3840	3925.02			
50	QPSK	1	1	19.55	19.15	19.12	21.0	0.0	
Channel				548000	550000	554000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.59	19.01	19.05	21.0	0.0	
Channel				647688	650000	654334			
Frequency (MHz)				3716.02	3840	3956.01			
30	QPSK	1	1	19.45	19.04	19.04	21.0	0.0	
Channel				647500	650000	654500			
Frequency (MHz)				3712.15	3840	3957.01			
25	QPSK	1	1	19.63	19.07	19.05	21.0	0.0	
Channel				647334	650000	656668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.59	19.14	19.04	21.0	0.0	
Channel				647188	650000	654834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.62	19.06	19.04	21.0	0.0	
Channel				647000	650000	655000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.60	19.09	19.15	21.0	0.0	

Part27Q n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			18.0	0.0	
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		17.58		18.0	0.0	
100	PI2 BPSK	1	137		17.72				
100	PI2 BPSK	1	271		17.58				
100	PI2 BPSK	135	0		17.71		18.0	0.0	
100	PI2 BPSK	135	69		17.51		18.0	0.0	
100	PI2 BPSK	135	138		17.52		18.0	0.0	
100	PI2 BPSK	270	0		17.65				
100	QPSK	1	1		17.75		18.0	0.0	
100	QPSK	1	137		17.62				
100	QPSK	1	271		17.52				
100	QPSK	135	0		17.65		18.0	0.0	
100	QPSK	135	69		17.71		18.0	0.0	
100	QPSK	135	138		17.70		18.0	0.0	
100	QPSK	270	0		17.58		18.0	0.0	
100	16QAM	1	1		17.61		18.0	0.0	
100	64QAM	1	1		17.49		18.0	0.0	
100	256QAM	1	1		16.11		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		17.73	17.52	18.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		17.59	17.54	17.56	18.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		17.63	17.55	17.55	18.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		17.68	17.50	17.66	18.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.69	17.63	17.69	18.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.64	17.52	17.72	18.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		17.51	17.72	17.56	18.0	
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		17.66	17.53	17.49	18.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.68	17.62	17.67	18.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.60	17.50	17.66	18.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		17.53	17.52	17.72	18.0	

Part27Q n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			21.0	0.0	
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		20.50		21.0	0.0	
100	PI2 BPSK	1	137		20.51				
100	PI2 BPSK	1	271		20.49				
100	PI2 BPSK	135	0		20.73		20.5	0.5	
100	PI2 BPSK	135	69		20.40		21.0	0.0	
100	PI2 BPSK	135	138		19.93		20.5	0.5	
100	PI2 BPSK	270	0		19.93				
100	QPSK	1	1		20.53		21.0	0.0	
100	QPSK	1	137		20.44				
100	QPSK	1	271		20.41				
100	QPSK	135	0		19.91		20.0	1.0	
100	QPSK	135	69		20.50		21.0	0.0	
100	QPSK	135	138		19.56		20.0	1.0	
100	QPSK	270	0		19.69		20.0	1.0	
100	16QAM	1	1		18.02		18.5	2.5	
100	256QAM	1	1		16.04		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		20.32	20.42	20.50	21.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.40	20.31	20.48	21.0	
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		20.46	20.32	20.42	21.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		20.49	20.45	20.32	21.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		20.31	20.42	20.31	21.0	
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		20.43	20.42	20.49	21.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		20.50	20.32	20.48	21.0	
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		20.51	20.33	20.34	21.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.47	20.38	20.37	21.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		20.33	20.34	20.39	21.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.52	20.40	20.43	21.0	

n41 Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. 1 [W]	Power Ch. 2 [W]	Power Ch. 3 [W]	Power Ch. 4 [W]	Power Ch. 5 [W]	Power Ch. 6 [W]
Channel									
Frequency [MHz]									
180	PSS-SSBSC	1	1	18.10	18.19	18.19			
180	PSS-SSBSC	1	137	18.70	18.82	18.82			
180	PSS-SSBSC	1	271	19.04	19.76	19.82		21.0	0.0
180	PSS-SSBSC	18	0	19.81	19.88	19.92		21.0	0.0
180	PSS-SSBSC	126	66	19.80	19.88	19.85		21.0	0.0
180	PSS-SSBSC	126	138	19.80	19.88	19.86		21.0	0.0
180	PSS-SSBSC	238	0	19.81	19.75	19.81			
180	QPSK	1	1	19.84	19.95	19.89			
180	QPSK	1	137	19.75	19.75	19.82		21.0	0.0
180	QPSK	1	271	19.75	19.74	19.84			
180	QPSK	126	0	19.81	19.71	19.87		21.0	0.0
180	QPSK	126	66	19.81	19.84	19.87		21.0	0.0
180	QPSK	126	138	19.79	19.77	19.84		21.0	0.0
180	QPSK	238	0	19.80		19.87			
180	LEGEND	1	1	19.75	19.81	19.85		21.0	0.0
180	LEGEND	1	1	19.81	19.85	19.85		21.0	0.0
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.85	19.79	19.85		21.0	0.0
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.85	19.87	19.85		21.0	0.0
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.78	19.71	19.87		21.0	0.0
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.85	19.90	19.85		21.0	0.0
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.75	19.84	19.85		21.0	0.0
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.80	19.79	19.80		21.0	0.0
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.85	19.77	19.85		21.0	0.0
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.78	19.79	19.85		21.0	0.0
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.84	19.78	19.85		21.0	0.0

n41 PC2 Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. 1 [W]	Power Ch. 2 [W]	Power Ch. 3 [W]	Power Ch. 4 [W]	Power Ch. 5 [W]	Power Ch. 6 [W]
Channel									
Frequency [MHz]									
180	PSS-SSBSC	1	1	18.10	18.19	18.19			
180	PSS-SSBSC	1	137	18.70	18.82	18.82		21.0	0.0
180	PSS-SSBSC	1	271	19.04	19.76	19.82			
180	PSS-SSBSC	18	0	19.81	19.88	19.92		21.0	0.0
180	PSS-SSBSC	126	66	19.80	19.88	19.85		21.0	0.0
180	PSS-SSBSC	126	138	19.80	19.88	19.86		21.0	0.0
180	PSS-SSBSC	238	0	19.81	19.75	19.81			
180	QPSK	1	1	19.84	19.95	19.89			
180	QPSK	1	137	19.75	19.75	19.82		21.0	0.0
180	QPSK	1	271	19.75	19.74	19.84			
180	QPSK	126	0	19.81	19.71	19.87		21.0	0.0
180	QPSK	126	66	19.81	19.84	19.87		21.0	0.0
180	QPSK	126	138	19.79	19.77	19.84		21.0	0.0
180	QPSK	238	0	19.80		19.87			
180	LEGEND	1	1	19.75	19.81	19.85		21.0	0.0
180	LEGEND	1	1	19.81	19.85	19.85		21.0	0.0
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.85	19.79	19.85		21.0	0.0
Channel									
Frequency [MHz]									
80	QPSK	1	1	19.85	19.87	19.85		21.0	0.0
Channel									
Frequency [MHz]									
70	QPSK	1	1	19.78	19.71	19.87		21.0	0.0
Channel									
Frequency [MHz]									
60	QPSK	1	1	19.85	19.90	19.85		21.0	0.0
Channel									
Frequency [MHz]									
50	QPSK	1	1	19.75	19.84	19.85		21.0	0.0
Channel									
Frequency [MHz]									
40	QPSK	1	1	19.80	19.79	19.80		21.0	0.0
Channel									
Frequency [MHz]									
30	QPSK	1	1	19.85	19.77	19.85		21.0	0.0
Channel									
Frequency [MHz]									
20	QPSK	1	1	19.78	19.79	19.85		21.0	0.0
Channel									
Frequency [MHz]									
10	QPSK	1	1	19.84	19.79	19.85		21.0	0.0

Reduced Power Mode for EC12

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.25	23.31	23.23		
20	PI2 BPSK	1	53	23.11	23.30	23.22	24.0	0.0
20	PI2 BPSK	50	0	22.91	22.96	22.93	23.5	0.5
20	PI2 BPSK	50	28	23.12	23.28	23.28	24.0	0.0
20	PI2 BPSK	50	56	22.82	22.94	22.88	23.5	0.5
20	PI2 BPSK	100	0	22.93	22.99	22.92		
20	QPSK	1	1	23.28	23.32	23.26	24.0	0.0
20	QPSK	1	53	23.30	23.31	23.09		
20	QPSK	1	104	23.23	23.28	23.18		
20	QPSK	50	0	22.25	22.40	22.33	23.0	1.0
20	QPSK	50	28	23.27	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.39	22.44	22.42	23.0	1.0
20	QPSK	100	0	22.46	22.47	22.34		
20	16QAM	1	1	22.06	22.06	21.90	23.0	1.0
20	16QAM	1	1	20.81	20.84	20.47	21.5	2.5
20	256QAM	1	1	19.27	19.29	19.16	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	23.30	23.18	23.17	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.21	23.26	23.10	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				824.5	836.5	846.5		
5	QPSK	1	1	23.28	23.15	23.07	24.0	0.0

n12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.12	23.14	23.16		
15	PI2 BPSK	1	40	23.02	23.11	23.11	24.0	0.0
15	PI2 BPSK	1	77	23.15	23.15	23.16		
15	PI2 BPSK	36	0	22.64	22.79	22.75	23.5	0.5
15	PI2 BPSK	36	22	22.97	23.09	23.07	24.0	0.0
15	PI2 BPSK	36	43	22.96	22.75	22.86	23.5	0.5
15	PI2 BPSK	75	0	22.82	22.77	22.76		
15	QPSK	1	1	23.15	23.19	23.12		
15	QPSK	1	40	23.09	23.15	22.93	24.0	0.0
15	QPSK	1	77	22.91	23.06	22.90		
15	QPSK	36	0	22.67	22.81	22.84	23.0	1.0
15	QPSK	36	22	23.11	23.17	23.15	24.0	0.0
15	QPSK	36	43	22.85	22.72	22.86	23.0	1.0
15	QPSK	75	0	22.69	22.79	22.69		
15	16QAM	1	1	21.77	21.93	21.74	23.0	1.0
15	16QAM	1	1	20.76	20.48	20.34	21.5	2.5
15	256QAM	1	1	18.91	19.12	19.09	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.05	23.09	22.99	24.0	0.0
Channel				140300	141500	142300	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.09	22.93	24.0	0.0

n14 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dbm)	MPR (dB)
Channel				158500				
Frequency (MHz)				793				
10	PI2 BPSK	1	1		23.26			
10	PI2 BPSK	1	26		23.25		24.0	0.0
10	PI2 BPSK	1	50		23.12			
10	PI2 BPSK	25	0		22.91		23.5	0.5
10	PI2 BPSK	25	14		23.17		24.0	0.0
10	PI2 BPSK	25	27		22.86		23.5	0.5
10	PI2 BPSK	50	0		22.89			
10	QPSK	1	1		23.29			
10	QPSK	1	26		23.24		24.0	0.0
10	QPSK	1	50		23.24			
10	QPSK	25	0		22.44		23.0	1.0
10	QPSK	25	14		23.21		24.0	0.0
10	QPSK	25	27		22.41		23.0	1.0
10	QPSK	50	0		22.39			
10	16QAM	1	1		22.00		23.0	1.0
10	16QAM	1	1		20.52		21.5	2.5
10	256QAM	1	1		19.18		19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dbm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	23.28	23.06	23.08	24.0	0.0

n26 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				165300	166300	167300		
Frequency (MHz)				836.5	831.5	836.5		
20	PI/2 BPSK	1	1	23.06	23.28	23.07	24.0	0.0
20	PI/2 BPSK	1	53	23.15	23.25	23.11		
20	PI/2 BPSK	1	104	23.30	23.30	23.31	23.5	0.5
20	PI/2 BPSK	50	0	22.96	22.95	22.82		
20	PI/2 BPSK	50	28	23.05	23.28	23.14	24.0	0.0
20	PI/2 BPSK	50	56	22.85	22.93	22.89	23.5	0.5
20	PI/2 BPSK	100	0	22.85	22.92	22.93		
20	QPSK	1	1	23.29	23.33	23.31	24.0	0.0
20	QPSK	1	53	23.26	23.30	23.23		
20	QPSK	1	104	23.17	23.23	23.24	23.0	1.0
20	QPSK	50	0	22.36	22.41	22.41		
20	QPSK	50	28	23.27	23.25	23.21	24.0	0.0
20	QPSK	50	56	22.38	22.42	22.30	23.0	1.0
20	QPSK	100	0	22.37	22.41	22.20		
20	16QAM	1	1	21.87	22.08	22.00	23.0	1.0
20	16QAM	1	1	20.60	20.65	20.60	21.5	2.5
20	256QAM	1	1	19.10	19.26	19.12	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	1	23.29	23.16	23.10	24.0	0.0
Channel				137100	137300	137500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	1	23.29	23.11	23.12	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.11	23.34	23.13	24.0	0.0

n71 Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				136100	136100	136100		
Frequency (MHz)				680.5	680.5	680.5		
35	PI/2 BPSK	1	1		23.18		24.0	0.0
35	PI/2 BPSK	1	94		23.08			
35	PI/2 BPSK	1	186		23.12		23.5	0.5
35	PI/2 BPSK	94	0		22.75			
35	PI/2 BPSK	94	47		23.05		24.0	0.0
35	PI/2 BPSK	94	94		22.71		23.5	0.5
35	PI/2 BPSK	186	0		22.72			
35	QPSK	1	1		23.16		24.0	0.0
35	QPSK	1	94		23.14			
35	QPSK	1	186		23.10		23.0	1.0
35	QPSK	94	0		22.23			
35	QPSK	94	47		23.13		24.0	0.0
35	QPSK	94	94		22.21		23.0	1.0
35	QPSK	186	0		22.34			
35	16QAM	1	1		21.86		23.0	1.0
35	16QAM	1	1		20.44		21.5	2.5
35	256QAM	1	1		19.08		19.5	4.5
Channel				136600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.12	22.95	23.03	24.0	0.0
Channel				137100	137100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.90	23.00	23.11	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.90	23.14	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.10	22.98	22.91	24.0	0.0
Channel				133000	137100	135050	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.08	22.98	22.93	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.08	23.03	23.01	24.0	0.0

n41 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	MFR (dB)
Channel									
Frequency (MHz)				1540.01	1540.56	1540			
100	PSS-BPSK	1	1	21.75	21.74	21.74			
100	PSS-BPSK	1	137	21.75	21.97	21.95	23.0	0.0	
100	PSS-BPSK	1	271	21.72	21.91	22.91			
100	PSS-BPSK	100	0	21.95	21.99	22.00	25.0	0.0	
100	PSS-BPSK	100	66	22.11	21.97	22.14	25.0	0.0	
100	PSS-BPSK	100	136	21.85	22.04	21.94	25.0	0.0	
100	PSS-BPSK	200	0	21.95	22.12	21.75			
100	QPSK	1	1	22.15	22.23	22.16			
100	QPSK	1	137	21.25	22.07	21.93	23.0	0.0	
100	QPSK	1	271	21.95	22.06	22.05			
100	QPSK	100	0	22.05	22.17	21.92	25.0	0.0	
100	QPSK	100	66	22.12	22.21	22.20	25.0	0.0	
100	QPSK	100	136	22.00	22.19	21.78	25.0	0.0	
100	QPSK	200	0	21.94	22.00	21.97			
100	LEGEND	1	1	21.75	21.72	21.91	25.0	0.0	
100	LEGEND	1	1	21.78	21.94	21.97	25.0	0.0	
100	LEGEND	1	1	20.74	20.44	20.43	23.0	1.8	
Channel									
Frequency (MHz)				1620.04	1619.98	1619.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	21.45	22.11	22.06	25.0	0.0	
Channel									
Frequency (MHz)				1672.04	1669.98	1669.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	21.99	22.30	22.02	25.0	0.0	
Channel									
Frequency (MHz)				1692.04	1690.98	1690.99	Time-up limit (min)	100%	0%
70	QPSK	1	1	22.07	22.21	22.13	25.0	0.0	
Channel									
Frequency (MHz)				1700.04	1699.98	1699.99	Time-up limit (min)	100%	0%
60	QPSK	1	1	22.15	22.11	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1712.04	1710.98	1710.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	22.04	22.20	22.06	25.0	0.0	
Channel									
Frequency (MHz)				1712.04	1710.98	1710.99	Time-up limit (min)	100%	0%
40	QPSK	1	1	22.12	22.11	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1690.04	1689.98	1689.99	Time-up limit (min)	100%	0%
30	QPSK	1	1	21.94	22.17	22.13	25.0	0.0	
Channel									
Frequency (MHz)				1670.04	1669.98	1669.99	Time-up limit (min)	100%	0%
20	QPSK	1	1	22.17	22.03	21.96	25.0	0.0	
Channel									
Frequency (MHz)				1650.04	1649.98	1649.99	Time-up limit (min)	100%	0%
10	QPSK	1	1	22.05	22.11	22.10	25.0	0.0	
Channel									
Frequency (MHz)				1630.04	1629.98	1629.99	Time-up limit (min)	100%	0%
10	QPSK	1	1	22.13	22.09	22.04	25.0	0.0	

n41 PC2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	MFR (dB)
Channel									
Frequency (MHz)				1540.01	1540.56	1540			
100	PSS-BPSK	1	1	21.75	21.74	21.74			
100	PSS-BPSK	1	137	24.80	25.07	24.97	25.0	0.0	
100	PSS-BPSK	1	271	25.00	24.95	24.93			
100	PSS-BPSK	100	0	24.75	24.87	24.81	25.0	0.0	
100	PSS-BPSK	100	66	25.00	25.01	24.80	25.0	0.0	
100	PSS-BPSK	100	136	24.75	24.77	24.54	25.0	0.0	
100	PSS-BPSK	200	0	24.85	25.12	24.80			
100	QPSK	1	1	25.21	25.13	25.18			
100	QPSK	1	137	24.15	24.93	24.74	25.0	0.0	
100	QPSK	1	271	24.77	24.91	24.74			
100	QPSK	100	0	24.85	24.14	23.94	25.0	0.0	
100	QPSK	100	66	24.75	25.05	24.75	25.0	0.0	
100	QPSK	100	136	24.12	24.29	24.01	25.0	0.0	
100	QPSK	200	0	24.90	24.94	24.90			
100	LEGEND	1	1	24.15	25.17	23.95	25.0	0.0	
100	LEGEND	1	1	25.05	25.01	25.00	25.0	0.0	
100	LEGEND	1	1	25.01	25.07	25.02	23.0	0.0	
Channel									
Frequency (MHz)				1620.04	1619.98	1619.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	25.01	25.24	25.15	25.0	0.0	
Channel									
Frequency (MHz)				1672.04	1669.98	1669.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	25.07	25.32	25.02	25.0	0.0	
Channel									
Frequency (MHz)				1692.04	1690.98	1690.99	Time-up limit (min)	100%	0%
70	QPSK	1	1	25.21	25.17	25.13	25.0	0.0	
Channel									
Frequency (MHz)				1700.04	1699.98	1699.99	Time-up limit (min)	100%	0%
60	QPSK	1	1	25.05	25.14	25.16	25.0	0.0	
Channel									
Frequency (MHz)				1712.04	1710.98	1710.99	Time-up limit (min)	100%	0%
50	QPSK	1	1	25.05	25.18	25.06	25.0	0.0	
Channel									
Frequency (MHz)				1712.04	1710.98	1710.99	Time-up limit (min)	100%	0%
40	QPSK	1	1	25.21	25.19	25.04	25.0	0.0	
Channel									
Frequency (MHz)				1690.04	1689.98	1689.99	Time-up limit (min)	100%	0%
30	QPSK	1	1	25.15	25.30	25.11	25.0	0.0	
Channel									
Frequency (MHz)				1670.04	1669.98	1669.99	Time-up limit (min)	100%	0%
20	QPSK	1	1	25.04	25.14	25.17	25.0	0.0	
Channel									
Frequency (MHz)				1650.04	1649.98	1649.99	Time-up limit (min)	100%	0%
10	QPSK	1	1	25.17	25.29	25.15	25.0	0.0	
Channel									
Frequency (MHz)				1630.04	1629.98	1629.99	Time-up limit (min)	100%	0%
10	QPSK	1	1	25.14	25.19	25.07	25.0	0.0	

n30 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462500				
Frequency (MHz)				2310				
10	PV2 BPSK	1	1		23.35		24.0	0.0
10	PV2 BPSK	1	26		23.31			
10	PV2 BPSK	1	50		23.29		23.5	0.5
10	PV2 BPSK	25	0		22.88		23.5	0.5
10	PV2 BPSK	25	14		23.22		24.0	0.0
10	PV2 BPSK	25	27		22.95		23.5	0.5
10	PV2 BPSK	50	0		22.90		24.0	0.0
10	QPSK	1	1		23.37			
10	QPSK	1	26		23.29		24.0	0.0
10	QPSK	1	50		23.30			
10	QPSK	25	0		22.33		23.0	1.0
10	QPSK	25	14		23.25		24.0	0.0
10	QPSK	25	27		22.42		23.0	1.0
10	QPSK	50	0		22.37			
10	16QAM	1	1		21.88		23.0	1.0
10	64QAM	1	1		20.55		21.5	2.5
10	256QAM	1	1		19.21		19.5	4.5
Channel				461500	462500		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	23.17	23.21	23.15	24.0	0.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	345500	353000		
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	22.79	22.94	22.94	24.0	0.0
40	PV2 BPSK	1	108	22.99	23.12	23.00		
40	PV2 BPSK	1	214	22.80	22.89	22.80	23.5	0.5
40	PV2 BPSK	108	0	22.45	22.56	22.58		
40	PV2 BPSK	108	54	22.99	23.16	23.05	24.0	0.0
40	PV2 BPSK	108	108	22.42	22.60	22.56	23.5	0.5
40	PV2 BPSK	216	0	22.48	22.64	22.68		
40	QPSK	1	1	23.04	23.19	22.96	24.0	0.0
40	QPSK	1	108	22.98	23.04	22.97		
40	QPSK	1	214	22.77	22.89	22.80	23.0	1.0
40	QPSK	108	0	21.88	22.18	22.13		
40	QPSK	108	54	23.17	23.18	23.10	24.0	0.0
40	QPSK	108	108	22.13	22.11	22.11	23.0	1.0
40	QPSK	216	0	22.13	22.16	22.02		
40	16QAM	1	1	21.69	21.74	21.56	23.0	1.0
40	64QAM	1	1	20.13	20.34	20.19	21.5	2.5
40	256QAM	1	1	18.78	18.97	18.78	19.5	4.5
Channel				345500	345500	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.02	22.98	22.84	24.0	0.0
Channel				345000	345000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	22.13	23.02	22.88	24.0	0.0
Channel				344500	345000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.85	23.11	22.85	24.0	0.0
Channel				344000	345000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.86	23.13	22.84	24.0	0.0
Channel				343500	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.01	23.09	22.91	24.0	0.0
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.88	23.07	22.92	24.0	0.0
Channel				342500	345000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.04	23.16	22.77	24.0	0.0

n70 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000				
Frequency (MHz)				1702.5				
15	PV2 BPSK	1	1		22.98		24.0	0.0
15	PV2 BPSK	1	40		23.08			
15	PV2 BPSK	1	77		22.97		23.5	0.5
15	PV2 BPSK	36	0		22.61		24.0	0.0
15	PV2 BPSK	36	43		22.63		23.5	0.5
15	PV2 BPSK	75	0		22.68		24.0	1.0
15	QPSK	1	1		23.15			
15	QPSK	1	40		23.11		23.0	0.0
15	QPSK	1	77		22.99			
15	QPSK	36	0		22.12	23.0	23.0	1.0
15	QPSK	36	22		23.13		24.0	0.0
15	QPSK	36	43		22.14		23.0	1.0
15	QPSK	75	0		22.16			
15	16QAM	1	1		21.83		23.0	1.0
15	64QAM	1	1		20.43		21.5	2.5
15	256QAM	1	1		19.04		19.5	4.5
Channel				340000	345000	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.03	23.11	23.04	24.0	0.0
Channel				339500	345000	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.00	23.11	22.95	24.0	0.0

n70 Ant 4							
Ref (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fec)	Power Line Ch. 2 (Fec)	Power Line Ch. 3 (Fec)	Power Line Ch. 4 (Fec)
Channel							
Frequency (MHz)							
15	16QAM	1	1	17.13			
15	16QAM	1	66	17.08			
15	16QAM	1	77	17.01			
15	16QAM	36	5	17.21			
15	16QAM	36	22	17.05			
15	16QAM	36	43	17.07			
15	16QAM	36	5	17.02			
15	QPSK	1	1	17.13			
15	QPSK	1	66	17.08			
15	QPSK	1	77	17.07			
15	QPSK	36	5	17.07			
15	QPSK	36	22	17.02			
15	QPSK	36	43	16.96			
15	QPSK	36	5	16.97			
15	16QAM	1	1	17.05			
15	16QAM	1	1	17.04			
Channel							
Frequency (MHz)							
10	QPSK	1	1	17.08	17.16	17.05	17.04
Channel							
Frequency (MHz)							
5	QPSK	1	1	17.08	17.16	17.04	17.04

n71 Ant 4							
Ref (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. 1 (Fec)	Power Line Ch. 2 (Fec)	Power Line Ch. 3 (Fec)	Power Line Ch. 4 (Fec)
Channel							
Frequency (MHz)							
35	16QAM	1	1	166.5	166.5	166.5	
35	16QAM	1	94	17.08			
35	16QAM	1	181	17.16			
35	16QAM	36	5	17.05			
35	16QAM	36	47	17.05			
35	16QAM	36	96	17.06			
35	16QAM	36	5	17.07			
35	QPSK	1	1	17.13			
35	QPSK	1	94	17.08			
35	QPSK	1	186	17.07			
35	QPSK	36	5	17.07			
35	QPSK	36	47	17.02			
35	QPSK	36	94	17.05			
35	QPSK	36	5	17.06			
35	16QAM	1	1	17.05			
35	16QAM	1	1	16.95			
35	16QAM	1	1	17.03			
Channel							
Frequency (MHz)							
30	QPSK	1	1	23.35	23.34	23.37	23.34
Channel							
Frequency (MHz)							
35	QPSK	1	1	23.36	23.35	23.39	23.36
Channel							
Frequency (MHz)							
20	QPSK	1	1	23.14	23.12	23.17	23.14
Channel							
Frequency (MHz)							
15	QPSK	1	1	23.16	23.19	23.23	23.16
Channel							
Frequency (MHz)							
10	QPSK	1	1	23.28	23.30	23.33	23.28
Channel							
Frequency (MHz)							
5	QPSK	1	1	23.21	23.18	23.21	23.18

n41 PC2&3 Ant 4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	18.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.17	17.20	17.02	18.0	0.0
100	PI/2 BPSK	1	137	17.06	17.08	17.03		
100	PI/2 BPSK	1	271	16.99	17.11	16.85	18.0	0.0
100	PI/2 BPSK	135	0	17.13	17.26	16.96		
100	PI/2 BPSK	135	69	17.04	17.10	16.99	18.0	0.0
100	PI/2 BPSK	135	135	16.93	17.05	16.97		
100	PI/2 BPSK	270	0	16.95	17.08	17.06	18.0	0.0
100	QPSK	1	1	17.19	17.25	17.23		
100	QPSK	1	137	17.07	17.19	17.15	18.0	0.0
100	QPSK	1	271	17.03	17.18	17.14		
100	QPSK	135	0	16.78	16.89	16.87	18.0	0.0
100	QPSK	135	69	17.09	17.25	17.12		
100	QPSK	135	135	16.87	16.97	16.83	18.0	0.0
100	QPSK	270	0	16.79	17.00	16.78		
100	16QAM	1	1	16.92	17.04	16.94	18.0	0.0
100	64QAM	1	1	16.89	16.97	16.86		
100	256QAM	1	1	16.92	17.04	16.91	18.0	0.0
Channel				509200	518598	528096		
Frequency (MHz)				2541	2592.99	2644.98	18.0	0.0
90	QPSK	1	1	17.05	17.18	17.17		
Channel				507204	518598	529998	18.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.13	17.13	17.17	18.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	18.0	0.0
70	QPSK	1	1	17.09	17.16	17.17		
Channel				505200	518598	531996	18.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.14	17.20	17.21	18.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99	18.0	0.0
50	QPSK	1	1	17.05	17.15	17.22		
Channel				503202	518598	534000	18.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.04	17.18	17.17	18.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	18.0	0.0
30	QPSK	1	1	17.04	17.20	17.16		
Channel				501204	518598	535998	18.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.13	17.21	17.24	18.0	0.0
Channel				500700	518598	536996		
Frequency (MHz)				2503.5	2592.99	2682.48	18.0	0.0
15	QPSK	1	1	17.05	17.14	17.24		
Channel				500202	518598	537000	18.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.10	17.09	17.21	18.0	0.0

Part270 n78 PC3/PC2 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		16.56				
100	PI2 BPSK	1	137		16.35		18.0	0.0	
100	PI2 BPSK	1	271		16.30				
100	PI2 BPSK	135	0		16.53		18.0	0.0	
100	PI2 BPSK	135	69		16.54		18.0	0.0	
100	PI2 BPSK	135	138		16.35		18.0	0.0	
100	QPSK	1	1		16.52				
100	QPSK	1	137		16.42		18.0	0.0	
100	QPSK	1	271		16.37				
100	QPSK	135	0		16.51		18.0	0.0	
100	QPSK	135	69		16.54		18.0	0.0	
100	QPSK	135	138		16.37		18.0	0.0	
100	QPSK	270	0		16.32				
100	16QAM	1	1		16.56		18.0	0.0	
100	64QAM	1	1		16.54		18.0	0.0	
100	256QAM	1	1		15.55		16.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.56	16.52	16.57	18.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.54	16.53	16.56	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.54	16.53	16.55	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.51	16.56	16.53	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.55	16.49	16.51	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.52	16.49	16.49	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		16.49	16.54	16.50	18.0	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		16.53	16.50	16.55	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		16.50	16.52	16.52	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.53	16.54	16.56	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.55	16.52	16.52	18.0	0.0

Part27Q n78 PC3/PC2 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1			17.34			
100	PI2 BPSK	1	137			17.34	18.0		0.0
100	PI2 BPSK	1	271			17.22			
100	PI2 BPSK	135	0			17.40	18.0		0.0
100	PI2 BPSK	135	69			17.36	18.0		0.0
100	PI2 BPSK	135	138			17.25			
100	PI2 BPSK	270	0			17.31	18.0		0.0
100	QPSK	1	1			17.44			
100	QPSK	1	137			17.38	18.0		0.0
100	QPSK	1	271			17.29			
100	QPSK	135	0			17.35	18.0		0.0
100	QPSK	135	69			17.39	18.0		0.0
100	QPSK	135	138			17.28	18.0		0.0
100	QPSK	270	0			17.23			
100	16QAM	1	1			17.30	18.0		0.0
100	64QAM	1	1			17.28	18.0		0.0
100	256QAM	1	1			15.77	16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	17.41	17.32	17.38	18.0		0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	17.36	17.38	17.34	18.0		0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	17.34	17.31	17.26	18.0		0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	17.37	17.36	17.34	18.0		0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	17.35	17.36	17.28	18.0		0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	17.36	17.31	17.34	18.0		0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	17.41	17.37	17.38	18.0		0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	17.35	17.36	17.33	18.0		0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	17.38	17.35	17.35	18.0		0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	17.41	17.34	17.39	18.0		0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	17.35	17.38	17.33	18.0		0.0

Part27Q n78 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		23.71		25.0	0.0	
100	P12 BPSK	1	137		23.86				
100	P12 BPSK	1	271		23.74				
100	P12 BPSK	135	0		23.49		25.0	0.0	
100	P12 BPSK	135	69		23.53		25.0	0.0	
100	P12 BPSK	135	138		23.56		25.0	0.0	
100	P12 BPSK	270	0		23.89				
100	QPSK	1	1		23.94				
100	QPSK	1	137		23.54		25.0	0.0	
100	QPSK	1	271		23.57		25.0	0.0	
100	QPSK	135	0		23.47				
100	QPSK	135	69		23.91				
100	QPSK	135	138		23.64		25.0	0.0	
100	QPSK	270	0		23.71		25.0	0.0	
100	16QAM	1	1		23.68				
100	64QAM	1	1		23.81				
100	256QAM	1	1		22.09		23.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		23.84	23.82	23.78	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		23.80	23.93	23.85	25.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		23.90	23.76	23.91	25.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		23.75	23.93	23.91	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		23.93	23.75	23.76	25.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		23.78	23.81	23.93	25.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3542.02			
30	QPSK	1	1		23.93	23.73	23.82	25.0	0.0
Channel				630664	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3557.51			
25	QPSK	1	1		23.92	23.81	23.85	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3560			
20	QPSK	1	1		23.88	23.83	23.79	25.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3562.52			
15	QPSK	1	1		23.78	23.83	23.77	25.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3565.01			
10	QPSK	1	1		23.88	23.79	23.91	25.0	0.0

Part27Q n78 PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)				3500.01					
100	P12 BPSK	1	1		26.54		28.0	0.0	
100	P12 BPSK	1	137		26.64				
100	P12 BPSK	1	271		26.88				
100	P12 BPSK	135	0		26.33		27.5	0.5	
100	P12 BPSK	135	69		26.53		28.0	0.0	
100	P12 BPSK	135	138		26.37		27.5	0.5	
100	P12 BPSK	270	0		26.29				
100	QPSK	1	1		26.95				
100	QPSK	1	137		26.70		28.0	0.0	
100	QPSK	1	271		26.86		27.0	1.0	
100	QPSK	135	0		25.82				
100	QPSK	135	69		26.75				
100	QPSK	135	138		25.80		28.0	0.0	
100	QPSK	270	0		25.69		27.0	1.0	
100	16QAM	1	1		25.94				
100	64QAM	1	1		24.52				
100	256QAM	1	1		22.31		23.5	4.5	
Channel				632500	633334	633968	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		26.74	26.74	26.89	28.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		26.91	26.80	26.91	28.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		26.92	26.86	26.94	28.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		26.93	26.93	26.79	28.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		26.92	26.84	26.85	28.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		26.83	26.82	26.76	28.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3542.02			
30	QPSK	1	1		26.73	26.75	26.98	28.0	0.0
Channel				630664	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3557.51			
25	QPSK	1	1		26.85	26.78	26.87	28.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3560			
20	QPSK	1	1		26.87	26.92	26.90	28.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3562.52			
15	QPSK	1	1		26.75	26.85	26.90	28.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3565.01			
10	QPSK	1	1		26.86	26.90	26.89	28.0	0.0

n41 Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [W]	Power Mid Ch. [W]	Power High Ch. [W]	Time-up limit [min]	MFR [dB]	
Channel									
Frequency [MHz]				2560.01	2560.00	2560.00			
180	PSS-SSBSC	1	1	18.70	18.70	18.70			
180	PSS-SSBSC	1	137	18.70	18.82	20.04	21.0	0.0	
180	PSS-SSBSC	1	271	18.84	18.76	18.82			
180	PSS-SSBSC	18	0	18.81	18.88	20.02	21.0	0.0	
180	PSS-SSBSC	126	66	18.80	18.88	18.82	21.0	0.0	
180	PSS-SSBSC	126	138	18.80	18.88	18.88	21.0	0.0	
180	PSS-SSBSC	256	0	18.81	18.75	18.81	21.0	0.0	
180	QPSK	1	1	18.84	20.00	18.88			
180	QPSK	1	137	18.70	18.75	20.01	21.0	0.0	
180	QPSK	1	271	18.70	18.74	18.94			
180	QPSK	126	0	18.84	18.71	18.87	21.0	0.0	
180	QPSK	126	66	18.81	20.04	18.87	21.0	0.0	
180	QPSK	126	138	18.74	18.77	18.84	21.0	0.0	
180	QPSK	256	0	18.80	18.75	18.87	21.0	0.0	
180	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
180	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
180	256QAM	1	1	18.84	20.00	18.88			
180	256QAM	1	137	18.70	18.74	18.95	18.0	1.5	
Frequency [MHz]									
50	QPSK	1	1	18.81	20.00	18.88			
50	QPSK	1	1	18.85	18.78	18.85	21.0	0.0	
50	QPSK	1	137	18.70	18.74	18.95	21.0	0.0	
50	QPSK	1	271	18.84	18.76	18.82			
50	QPSK	18	0	18.81	18.88	20.02	21.0	0.0	
50	QPSK	126	66	18.80	18.88	18.82	21.0	0.0	
50	QPSK	126	138	18.80	18.88	18.88	21.0	0.0	
50	QPSK	256	0	18.81	18.75	18.81	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50	QPSK	256	0	18.81	18.85	18.82	21.0	0.0	
50	QPSK	256	0	18.75	18.81	18.87	21.0	0.0	
50</									

n41 PC2 Ant 10									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 [W]	Power Low Ch. 2 [W]	Power Low Ch. 3 [W]	Power Low Ch. 4 [W]	Power Low Ch. 5 [W]	Time-up limit [min]
Channel									
Frequency [MHz]				2560.01	2560.00	2560.00			
180	PSS-SSBSC	1	1	22.18	22.18	22.18			
180	PSS-SSBSC	1	137	22.82	22.09	22.07			
180	PSS-SSBSC	1	271	22.82	22.09	22.94	25.0		
180	PSS-SSBSC	18	0	22.81	22.18	22.02	0.5		
180	PSS-SSBSC	126	66	22.80	22.12	22.88	1.0		
180	PSS-SSBSC	126	138	22.41	22.09	22.88	2.5		
180	PSS-SSBSC	256	0	22.81	22.14	22.88			
180	QPSK	1	1	23.01	22.14	23.08			
180	QPSK	1	137	22.10	22.08	22.07	30.0		
180	QPSK	1	271	22.80	22.82	22.87			
180	QPSK	126	0	22.82	22.24	22.88	1.0		
180	QPSK	126	66	22.81	22.07	22.92	0.5		
180	QPSK	126	138	22.80	22.12	22.14	1.0		
180	QPSK	256	0	22.71	22.07	22.88			
180	QPSK	256	0	22.10	22.18	22.17	1.0		
180	QPSK	256	0	22.40	22.43	22.48	2.5		
180	SSBSC	1	1	18.46	18.18	18.22	4.5		
Channel									
Frequency [MHz]				5180.08	5180.06	5180.00	Time-up limit [min]		
50	QPSK	1	1	22.87	22.12	22.88	0.0		
Channel									
Frequency [MHz]				5172.08	5180.06	5180.00	Time-up limit [min]		
60	QPSK	1	1	22.80	22.87	22.86	0.0		
Channel									
Frequency [MHz]				5180.00	5180.00	5180.00	Time-up limit [min]		
70	QPSK	1	1	22.88	22.89	23.02	0.0		
Channel									
Frequency [MHz]				5180.00	5180.00	5180.00	Time-up limit [min]		
80	QPSK	1	1	22.87	22.94	23.02	0.0		
Channel									
Frequency [MHz]				5181.01	5180.00	5180.00	Time-up limit [min]		
90	QPSK	1	1	22.85	22.11	22.80	0.0		
Channel									
Frequency [MHz]				5181.01	5180.00	5180.00	Time-up limit [min]		
40	QPSK	1	1	22.80	22.14	23.02	0.0		
Channel									
Frequency [MHz]				5180.08	5180.06	5180.00	Time-up limit [min]		
30	QPSK	1	1	22.85	22.18	23.08	0.0		
Channel									
Frequency [MHz]				5172.08	5180.06	5180.00	Time-up limit [min]		
20	QPSK	1	1	22.80	22.13	23.01	0.0		
Channel									
Frequency [MHz]				5180.00	5180.00	5180.00	Time-up limit [min]		
10	QPSK	1	1	22.80	22.82	23.10	0.0		

Reduced Power Mode for EC12_Other PA

n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000	24.0	0.0	
Frequency (MHz)				1870	1880	1890			
40	PI/2 BPSK	1	1	23.05	23.21	23.06			
40	PI/2 BPSK	1	108	23.07	23.19	23.04	23.5	0.5	
40	PI/2 BPSK	1	214	22.99	23.13	23.02			
40	PI/2 BPSK	108	0	22.81	22.90	22.89			
40	PI/2 BPSK	108	54	23.18	23.25	23.03	23.5	0.5	
40	PI/2 BPSK	108	108	22.71	22.88	22.88			
40	PI/2 BPSK	216	0	22.86	22.94	22.81			
40	QPSK	1	1	23.15	23.28	23.17	24.0	0.0	
40	QPSK	1	108	23.08	23.24	23.20			
40	QPSK	1	214	23.00	23.10	22.90			
40	QPSK	108	0	22.31	22.35	22.29	23.0	1.0	
40	QPSK	108	54	23.20	23.21	23.18			
40	QPSK	108	108	22.28	22.36	22.23			
40	QPSK	216	0	22.25	22.38	22.29	23.0	1.0	
40	16QAM	1	1	21.88	21.95	21.83			
40	64QAM	1	1	20.34	20.55	20.36			
40	256QAM	1	1	18.98	19.17	18.97	19.5	4.5	
Channel				373900	376000	376500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5	24.0	0.0	
35	QPSK	1	1	23.03	23.17	23.18	24.0	0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	24.0	0.0	
30	QPSK	1	1	22.97	23.07	23.06	24.0	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	24.0	0.0	
25	QPSK	1	1	23.03	23.17	22.97	24.0	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	#VALUE!	CID	
20	QPSK	1	1	22.95	23.14	23.02	24.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0	
15	QPSK	1	1	23.07	23.11	23.01	24.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	24.0	0.0	
10	QPSK	1	1	23.03	23.19	23.08	24.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0	
5	QPSK	1	1	22.98	23.11	23.04	24.0	0.0	

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	24.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.01	23.09	22.99			
40	PI/2 BPSK	1	108	23.18	23.21	23.03	23.5	0.5	
40	PI/2 BPSK	1	214	23.14	23.16	22.99			
40	PI/2 BPSK	108	0	22.98	22.78	22.89			
40	PI/2 BPSK	108	54	23.09	23.20	23.16	23.5	0.5	
40	PI/2 BPSK	108	108	22.71	22.79	22.63			
40	PI/2 BPSK	216	0	22.68	22.86	22.68			
40	QPSK	1	1	23.03	23.24	23.06	24.0	0.0	
40	QPSK	1	108	22.95	23.17	23.13			
40	QPSK	1	214	22.99	23.14	23.10			
40	QPSK	108	0	22.24	22.23	22.13	23.0	1.0	
40	QPSK	108	54	23.19	23.20	23.13			
40	QPSK	108	108	22.10	22.30	22.24			
40	QPSK	216	0	22.29	22.32	22.30	23.0	1.0	
40	16QAM	1	1	21.81	21.83	21.73			
40	64QAM	1	1	20.21	20.42	20.24			
40	256QAM	1	1	19.03	19.09	18.93	19.5	4.5	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	24.0	CID	
35	QPSK	1	1	23.05	23.18	22.99	24.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	24.0	0.0	
30	QPSK	1	1	22.82	23.21	22.88	24.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0	
25	QPSK	1	1	22.87	23.15	22.91	24.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	24.0	0.0	
20	QPSK	1	1	22.87	23.09	22.99	24.0	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0	
15	QPSK	1	1	22.99	23.20	22.92	24.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.0	0.0	
10	QPSK	1	1	23.01	23.22	22.93	24.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0	
5	QPSK	1	1	23.00	23.16	22.91	24.0	0.0	

n2 Ant 4_CID32								
BW (MHz)	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	376000	378000		
Frequency (MHz)				1670	1680	1690		
40	Pl2 BPSK	1	1	16.97	16.96	16.82	17.9	0.0
40	Pl2 BPSK	1	108	16.78	16.80	16.75		
40	Pl2 BPSK	1	214	16.77	16.83	16.85		
40	Pl2 BPSK	108	0	16.88	17.00	16.74	17.9	0.0
40	Pl2 BPSK	108	54	16.83	16.83	16.72	17.9	0.0
40	Pl2 BPSK	108	108	16.74	16.77	16.73	17.9	0.0
40	Pl2 BPSK	216	0	16.79	16.84	16.82		
40	QPSK	1	1	16.96	17.20	17.26	17.9	0.0
40	QPSK	1	108	16.77	16.99	16.89		
40	QPSK	1	214	16.90	16.95	16.87		
40	QPSK	108	0	16.60	16.63	16.73	17.9	0.0
40	QPSK	108	54	16.83	17.06	16.82	17.9	0.0
40	QPSK	108	108	16.66	16.85	16.87	17.9	0.0
40	QPSK	216	0	16.66	16.89	16.86		
40	16QAM	1	1	16.67	16.83	16.71	17.9	0.0
40	64QAM	1	1	16.72	16.74	16.60	17.9	0.0
40	256QAM	1	1	16.75	16.74	16.63	17.9	0.0
Channel				375500	376500	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1687.5	1680	1692.5		
35	QPSK	1	1	16.85	17.11	16.97	17.9	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1695	1700	1705		
30	QPSK	1	1	16.86	17.11	17.20	17.9	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1682.5	1680	1697.5		
25	QPSK	1	1	16.87	17.18	16.96	17.9	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1690	1680	1690		
20	QPSK	1	1	16.86	17.13	16.99	17.9	CID
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1687.5	1680	1692.5		
15	QPSK	1	1	16.86	17.14	17.20	17.9	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1685	1680	1695		
10	QPSK	1	1	16.86	17.11	17.00	17.9	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1682.5	1680	1697.5		
5	QPSK	1	1	16.91	17.15	16.95	17.9	0.0

n25 Ant 4_CID39									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3745000	3765000	3795000	17.9	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	17.05	17.00	16.91	17.9	0.0	
40	PI2 BPSK	1	108	16.83	16.96	16.83			
40	PI2 BPSK	1	214	16.86	16.96	16.72			
40	PI2 BPSK	108	0	16.96	17.10	16.82	17.9	0.0	
40	PI2 BPSK	108	54	16.87	16.89	16.78	17.9	0.0	
40	PI2 BPSK	108	108	16.79	16.87	16.76	17.9	0.0	
40	PI2 BPSK	216	0	16.81	16.91	16.86	17.9	0.0	
40	QPSK	1	1	17.04	17.00	17.10	17.9	0.0	
40	QPSK	1	108	16.94	17.05	16.97			
40	QPSK	1	214	16.92	17.04	16.95			
40	QPSK	108	0	16.83	16.72	16.78	17.9	0.0	
40	QPSK	108	54	16.91	17.13	16.86	17.9	0.0	
40	QPSK	108	108	16.86	16.96	16.75	17.9	0.0	
40	QPSK	216	0	16.72	16.80	16.63	17.9	0.0	
40	16QAM	1	1	16.72	16.86	16.74	17.9	0.0	
40	64QAM	1	1	16.75	16.83	16.68	17.9	0.0	
40	256QAM	1	1	16.80	16.83	16.72	17.9	0.0	
Channel				3755000	3765000	3795000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5	17.9	0.0	
35	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3730000	3765000	3800000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1765	1832.5	1790 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
30	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3725000	3765000	3805000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
25	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3720000	3765000	3810000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
20	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3715000	3765000	3815000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
15	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3710000	3765000	3820000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855 <th>1882.5</th> <th>1910<td>17.9</td><td colspan="2">0.0</td></th>	1882.5	1910 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
10	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	
Channel				3705000	3765000	3825000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5 <td>17.9</td> <td colspan="2">0.0</td>	17.9	0.0	
5	QPSK	1	1	16.95	17.08	17.04	17.9	0.0	

n66 Ant 4_CID34									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq	Power Middle Ch. Freq	Power High Ch. Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				3465000	3495000	3525000	19.0	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	17.96	17.95	17.89	19.0	0.0	
40	PI2 BPSK	1	108	17.80	17.91	17.78			
40	PI2 BPSK	1	214	17.78	17.91	17.72			
40	PI2 BPSK	108	0	17.95	17.98	17.80	19.0	0.0	
40	PI2 BPSK	108	54	17.75	17.84	17.84	19.0	0.0	
40	PI2 BPSK	108	108	17.79	17.94	17.81	19.0	0.0	
40	PI2 BPSK	216	0	17.76	17.86	17.77	19.0	0.0	
40	QPSK	1	1	18.04	18.09	18.03	19.0	0.0	
40	QPSK	1	108	17.82	18.04	17.87			
40	QPSK	1	214	17.84	18.05	17.94			
40	QPSK	108	0	17.58	17.74	17.71	19.0	0.0	
40	QPSK	108	54	17.87	18.04	17.86	19.0	0.0	
40	QPSK	108	108	17.70	17.82	17.72	19.0	0.0	
40	QPSK	216	0	17.67	17.78	17.57	19.0	0.0	
40	16QAM	1	1	17.67	17.82	17.69	19.0	0.0	
40	64QAM	1	1	17.70	17.83	17.65	19.0	0.0	
40	256QAM	1	1	17.73	17.82	17.63	19.0	0.0	
Channel				3455000	3495000	3535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5	19.0	0.0	
30	QPSK	1	1	17.98	17.95	17.93	19.0	0.0	
Channel				3450000	3495000	3530000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.0	0.0	
30	QPSK	1	1	17.98	17.98	17.97	19.0	0.0	
Channel				3445000	3495000	3535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	19.0	0.0	
25	QPSK	1	1	17.98	17.91	17.94	19.0	0.0	
Channel				3440000	3495000	3540000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.0	0.0	
20	QPSK	1	1	17.92	17.93	17.94	19.0	0.0	
Channel				3435000	3495000	3545000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.0	0.0	
15	QPSK	1	1	17.92	17.95	17.93	19.0	0.0	
Channel				3430000	3495000	3550000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.0	0.0	
10	QPSK	1	1	17.99	17.92	17.92	19.0	0.0	
Channel				3425000	3495000	3555000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.0	0.0	
5	QPSK	1	1	17.91	17.94	17.92	19.0	0.0	

Reduced Power Mode for ECI2_Other Path

n2 Ant 4_CID37									
BW (MHz)	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	376000	378000			
Frequency (MHz)				16.90	16.80	16.90			
40	PI2 BPSK	1	1	16.94	16.88	16.73			
40	PI2 BPSK	1	108	16.71	16.81	16.67	17.9	0.0	
40	PI2 BPSK	1	214	16.75	16.85	16.62			
40	PI2 BPSK	108	0	16.90	16.96	16.67	17.9	0.0	
40	PI2 BPSK	108	54	16.75	16.76	16.67	17.9	0.0	
40	PI2 BPSK	108	108	16.69	16.74	16.69			
40	PI2 BPSK	216	0	16.72	16.79	16.77	17.9	0.0	
40	QPSK	1	1	16.96	17.12	17.03			
40	QPSK	1	108	16.88	16.91	16.80			
40	QPSK	1	214	16.95	16.93	16.75	17.9	0.0	
40	QPSK	108	0	16.97	16.98	16.71	17.9	0.0	
40	QPSK	108	54	16.75	16.97	16.76	17.9	0.0	
40	QPSK	108	108	16.61	16.80	16.58			
40	QPSK	216	0	16.82	16.81	16.46	17.9	0.0	
40	16QAM	1	1	16.62	16.79	16.62	17.9	0.0	
40	64QAM	1	1	16.63	16.64	16.57	17.9	0.0	
40	256QAM	1	1	16.70	16.69	16.59	17.9	0.0	
Channel				373000	376000	378000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1687.5	1680	1692.5			
35	QPSK	1	1	16.93	17.03	16.96	17.9	0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1685	1680	1685			
30	QPSK	1	1	16.94	17.03	16.99	17.9	0.0	
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1682.5	1680	1687.5			
25	QPSK	1	1	16.83	17.05	16.97	17.9	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1680	1680	1700			
20	QPSK	1	1	16.83	17.05	17.01	17.9	0.0	
Channel				371000	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1687.5	1680	1692.5			
15	QPSK	1	1	16.77	17.02	17.00	17.9	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1685	1680	1695			
10	QPSK	1	1	16.83	17.06	16.94	17.9	0.0	
Channel				370000	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1682.5	1680	1697.5			
5	QPSK	1	1	16.76	17.03	17.01	17.9	0.0	

n25 Ant 4_CID38									
BW (MHz)	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	376000	378000			
Frequency (MHz)				16.90	16.82.5	16.95			
40	PI2 BPSK	1	1	16.99	16.97	16.86			
40	PI2 BPSK	1	108	16.79	16.92	16.76	17.9	0.0	
40	PI2 BPSK	1	214	16.78	16.90	16.67			
40	PI2 BPSK	108	0	16.94	17.02	16.73	17.9	0.0	
40	PI2 BPSK	108	54	16.84	16.92	16.75	17.9	0.0	
40	PI2 BPSK	108	108	16.69	16.79	16.70			
40	PI2 BPSK	216	0	16.71	16.86	16.77	17.9	0.0	
40	QPSK	1	1	16.98	17.10	17.03			
40	QPSK	1	108	16.75	16.96	16.59			
40	QPSK	1	214	16.84	16.94	16.85	17.9	0.0	
40	QPSK	108	0	16.95	16.63	16.69	17.9	0.0	
40	QPSK	108	54	16.84	17.09	16.81	17.9	0.0	
40	QPSK	108	108	16.59	16.84	16.68			
40	QPSK	216	0	16.66	16.73	16.60	17.9	0.0	
40	16QAM	1	1	16.65	16.81	16.70	17.9	0.0	
40	64QAM	1	1	16.65	16.80	16.64	17.9	0.0	
40	256QAM	1	1	16.75	16.76	16.64	17.9	0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1687.5	1682.5	1689.5			
35	QPSK	1	1	16.91	17.11	16.97	17.9	0.0	
Channel				373000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1685	1682.5	1690			
30	QPSK	1	1	16.91	17.12	17.00	17.9	0.0	
Channel				372000	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1682.5	1682.5	1692.5			
25	QPSK	1	1	16.90	17.16	16.99	17.9	0.0	
Channel				372000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1680	1682.5	1695			
20	QPSK	1	1	16.90	17.09	16.99	17.9	0.0	
Channel				371000	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1687.5	1682.5	1697.5			
15	QPSK	1	1	16.89	17.12	16.94	17.9	0.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1685	1682.5	1697.5			
10	QPSK	1	1	16.96	17.16	17.00	17.9	0.0	
Channel				370000	376000	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1682.5	1682.5	16912.5			
5	QPSK	1	1	16.90	17.12	16.97	17.9	0.0	

n66 Ant 4_CID29									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				344000	349000	352000	19.0	0.0	
Frequency (MHz)				1720	1745	1760			
40	PI2 BPSK	1	1	17.97	18.01	17.89	19.0	0.0	
40	PI2 BPSK	1	108	17.90	17.90	17.77			
40	PI2 BPSK	1	214	17.80	17.88	17.73			
40	PI2 BPSK	108	0	17.98	18.05	17.83	19.0	0.0	
40	PI2 BPSK	108	54	17.75	17.94	17.85	19.0	0.0	
40	PI2 BPSK	108	108	17.80	17.93	17.81	19.0	0.0	
40	PI2 BPSK	216	0	17.81	17.93	17.90			
40	QPSK	1	1	18.11	18.16	18.08			
40	QPSK	1	108	17.98	18.05	17.96	19.0	0.0	
40	QPSK	1	214	17.93	18.05	17.98			
40	QPSK	108	0	17.66	17.76	17.72	19.0	0.0	
40	QPSK	108	54	17.98	18.01	17.92	19.0	0.0	
40	QPSK	108	108	17.70	17.88	17.70	19.0	0.0	
40	QPSK	216	0	17.88	17.88	17.85			
40	16QAM	1	1	17.81	17.83	17.75	19.0	0.0	
40	64QAM	1	1	17.76	17.82	17.74	19.0	0.0	
40	256QAM	1	1	17.78	17.80	17.73	19.0	0.0	
Channel				345000	349000	352000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1721.5	1745	1762.5			
30	QPSK	1	1	18.03	17.95	17.94	19.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.03	18.03	17.96	19.0	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.07	17.96	17.96	19.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	17.87	17.87	17.83	19.0	0.0	
Channel				345000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	17.98	17.99	17.93	19.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	17.99	18.00	17.97	19.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.05	18.06	17.96	19.0	0.0	

Reduced Power Mode for ECI3

n5 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.25	23.31	23.23		
20	PI2 BPSK	1	53	23.11	23.30	23.22	24.0	0.0
20	PI2 BPSK	1	104	23.25	23.25	23.22		
20	PI2 BPSK	50	0	22.91	22.96	22.93	23.5	0.5
20	PI2 BPSK	50	28	23.12	23.28	23.28	24.0	0.0
20	PI2 BPSK	50	56	22.82	22.94	22.88	23.5	0.5
20	PI2 BPSK	100	0	22.53	22.55	22.52		
20	QPSK	1	1	23.28	23.32	23.26		
20	QPSK	1	53	23.30	23.31	23.09	24.0	0.0
20	QPSK	1	104	23.23	23.28	23.18		
20	QPSK	50	0	22.25	22.46	22.33	23.0	1.0
20	QPSK	50	28	23.27	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.39	22.44	22.42	23.0	1.0
20	QPSK	100	0	22.46	22.47	22.34		
20	16QAM	1	1	22.06	22.06	21.90	23.0	1.0
20	16QAM	1	1	20.51	20.64	20.47	21.5	2.5
20	256QAM	1	1	19.27	19.29	19.16	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	QPSK	1	1	23.30	23.18	23.17	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836	836.5	844	24.0	0.0
10	QPSK	1	1	23.21	23.26	23.10	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				835.5	836.5	846.5	24.0	0.0
5	QPSK	1	1	23.28	23.15	23.07	24.0	0.0

n12 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700		
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	23.12	23.14	23.16		
15	PI2 BPSK	1	40	23.02	23.11	23.11	24.0	0.0
15	PI2 BPSK	1	77	23.15	23.15	23.16		
15	PI2 BPSK	36	0	22.64	22.79	22.75	23.5	0.5
15	PI2 BPSK	36	22	22.97	23.09	23.07	24.0	0.0
15	PI2 BPSK	36	43	22.96	22.75	22.96	23.5	0.5
15	PI2 BPSK	75	0	22.62	22.77	22.75		
15	QPSK	1	1	23.15	23.15	23.12		
15	QPSK	1	40	23.09	23.15	22.93	24.0	0.0
15	QPSK	1	77	22.91	23.06	22.90		
15	QPSK	36	0	22.67	22.61	22.84	23.0	1.0
15	QPSK	36	22	23.11	23.17	23.15	24.0	0.0
15	QPSK	36	43	22.65	22.72	22.86	23.0	1.0
15	QPSK	75	0	22.69	22.79	22.69		
15	16QAM	1	1	21.77	21.93	21.74	23.0	1.0
15	16QAM	1	1	20.76	20.48	20.34	21.5	2.5
15	256QAM	1	1	18.91	19.12	19.09	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711	24.0	0.0
10	QPSK	1	1	23.05	23.09	22.99	24.0	0.0
Channel				140300	141500	142100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5	24.0	0.0
5	QPSK	1	1	23.04	23.09	22.93	24.0	0.0

n14 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				158500				
Frequency (MHz)				793				
10	PI2 BPSK	1	1					
10	PI2 BPSK	1	26				24.0	0.0
10	PI2 BPSK	1	50					
10	PI2 BPSK	25	0				23.5	0.5
10	PI2 BPSK	25	14				24.0	0.0
10	PI2 BPSK	25	27				23.5	0.5
10	PI2 BPSK	50	0					
10	QPSK	1	1					
10	QPSK	1	26				24.0	0.0
10	QPSK	1	50					
10	QPSK	25	0				23.0	1.0
10	QPSK	25	14				24.0	0.0
10	QPSK	25	27				23.0	1.0
10	QPSK	50	0					
10	16QAM	1	1				23.0	1.0
10	16QAM	1	1				21.5	2.5
10	256QAM	1	1				19.5	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5	24.0	0.0
5	QPSK	1	1	23.28	23.06	23.08	24.0	0.0

n26 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				164800	166300	167800		
Frequency (MHz)				824	831.5	839		
20	PI2 BPSK	1	1	23.06	23.26	23.07		
20	PI2 BPSK	1	53	23.13	23.23	23.11	24.0	0.0
20	PI2 BPSK	1	104	23.30	23.30	23.31		
20	PI2 BPSK	50	0	22.90	22.95	22.82	23.5	0.5
20	PI2 BPSK	50	28	23.09	23.28	23.14	24.0	0.0
20	PI2 BPSK	50	56	22.83	22.80	22.89		
20	PI2 BPSK	100	0	22.98	22.92	22.93	23.5	0.5
20	QPSK	1	1	23.29	23.33	23.31		
20	QPSK	1	53	23.20	23.30	23.23	24.0	0.0
20	QPSK	1	104	23.17	23.23	23.24		
20	QPSK	50	0	22.36	22.41	22.41	23.0	1.0
20	QPSK	50	28	23.22	23.23	23.21	24.0	0.0
20	QPSK	50	56	22.38	22.42	22.30	23.0	1.0
20	QPSK	100	0	22.37	22.41	22.20		
20	16QAM	1	1	21.87	22.08	22.00	23.0	1.0
20	64QAM	1	1	20.80	20.85	20.80	21.5	2.5
20	256QAM	1	1	19.10	19.26	19.12	19.5	4.5
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	831.5	841.5		
15	QPSK	1	1	23.29	23.16	23.10	24.0	0.0
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816	831.5	844		
10	QPSK	1	1	23.29	23.11	23.12	24.0	0.0
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	1	23.11	23.24	23.13	24.0	0.0

n71 Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				136100	136100	136100		
Frequency (MHz)				680.5	680.5	680.5		
20	PI2 BPSK	1	1		23.13			
35	PI2 BPSK	1	94		23.08		24.0	0.0
35	PI2 BPSK	1	186		23.12			
35	PI2 BPSK	94	0		22.73		23.5	0.5
35	PI2 BPSK	94	47		23.05		24.0	0.0
35	PI2 BPSK	94	94		22.71		23.5	0.5
35	PI2 BPSK	188	0		22.72			
35	QPSK	1	1		23.16			
35	QPSK	1	94		23.14		24.0	0.0
35	QPSK	1	186		23.10			
35	QPSK	94	0		22.73		23.0	1.0
35	QPSK	94	47		23.13		24.0	0.0
35	QPSK	94	94		22.21		23.0	1.0
35	QPSK	188	0		22.24			
35	16QAM	1	1		21.86		23.0	1.0
35	64QAM	1	1		20.44		21.5	2.5
35	256QAM	1	1		19.08		19.5	4.5
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				678	680.5	683		
30	QPSK	1	1	23.12	22.95	23.09	24.0	0.0
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				675.5	680.5	685.5		
25	QPSK	1	1	22.90	23.00	23.11	24.0	0.0
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				673	680.5	688		
20	QPSK	1	1	22.30	23.14	22.97	24.0	0.0
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	23.10	22.98	22.91	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	23.09	22.98	22.93	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	QPSK	1	1	23.09	23.03	23.01	24.0	0.0

n41 Ant 0									
SV (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 Freq.	Power Mldn Ch. 1 Freq.	Power F20 Ch. 1 Freq.	Turn-up Int (dB)	MFR (dB)	
Channel				254500	254500	254500			
Frequency (MHz)				254500	254500	254500			
100	PSS-BPSK	1	1	21.76	22.04	21.92	23.0	0.0	
100	PSS-BPSK	1	10F	21.75	21.87	21.75			
100	PSS-BPSK	1	21F	21.72	21.81	22.01			
100	PSS-BPSK	150	0	21.86	21.86	22.02	23.0	0.0	
100	PSS-BPSK	0	0	22.11	21.87	22.11	23.0	0.0	
100	PSS-BPSK	150	150	21.85	22.04	21.84	23.0	0.0	
100	PSS-BPSK	200	0	21.88	22.12	21.75			
100	QPSK	1	1	22.15	22.28	22.12			
100	QPSK	1	137	21.85	22.07	21.85	23.0	0.0	
100	QPSK	1	221	21.92	22.08	22.01			
100	QPSK	150	0	22.06	22.17	21.92	23.0	0.0	
100	QPSK	150	45	22.12	22.11	22.07	23.0	0.0	
100	QPSK	150	138	22.15	22.15	22.15	24.1	0.0	
100	QPSK	210	0	21.94	22.10	21.95	23.0	0.0	
100	SSB-AM	1	1	21.76	21.82	21.85	23.0	0.0	
100	SSB-AM	1	1	21.76	21.94	21.97	23.1	0.0	
100	SSB-AM	1	1	20.24	20.44	20.43	23.5	0.0	
Channel				2541	2542.50	2543.50			
Frequency (MHz)				2541	2542.50	2543.50			
90	QPSK	1	1	20.47	20.53	20.48	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
90	QPSK	1	1	21.16	22.20	22.03	23.0	0.0	
Channel				90.002	90.008	90.008			
Frequency (MHz)				90.002	90.008	90.008			
70	QPSK	1	1	22.07	22.21	22.13	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
80	QPSK	1	1	22.15	22.31	22.10	23.0	0.0	
Channel				100.004	100.008	100.008			
Frequency (MHz)				100.004	100.008	100.008			
90	QPSK	1	1	22.04	22.20	22.08	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
80	QPSK	1	1	22.17	22.31	22.12	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
70	QPSK	1	1	21.86	22.17	22.12	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
90	QPSK	1	1	22.17	22.30	22.14	23.0	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
10	QPSK	1	1	22.02	22.31	22.10	23.0	0.0	
Channel				90.002	90.008	90.008			
Frequency (MHz)				90.002	90.008	90.008			
10	QPSK	1	1	22.13	22.26	22.04	23.0	0.0	

n41 PC2 Ant 0									
SV (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch. 1 Freq.	Power Mldn Ch. 1 Freq.	Power F20 Ch. 1 Freq.	Turn-up Int (dB)	MFR (dB)	
Channel				254500	254500	254500			
Frequency (MHz)				254500	254500	254500			
100	PSS-BPSK	1	1	22.72	22.87	22.82			
100	PSS-BPSK	1	10F	22.69	22.83	22.45	24.1	0.0	
100	PSS-BPSK	1	21F	22.45	22.82	22.82			
100	PSS-BPSK	150	0	22.71	22.75	22.82	24.1	0.0	
100	PSS-BPSK	0	0	22.94	22.42	22.95	24.1	0.0	
100	PSS-BPSK	150	150	22.49	22.82	22.48	24.1	0.0	
100	PSS-BPSK	200	0	22.88	22.84	22.88			
100	QPSK	1	1	22.72	22.78	22.71			
100	QPSK	1	137	22.85	22.74	22.75	24.1	0.0	
100	QPSK	1	221	22.84	22.76	22.82			
100	QPSK	150	0	22.34	22.45	22.38	24.1	0.0	
100	QPSK	150	45	22.84	22.75	22.84	24.1	0.0	
100	QPSK	150	138	22.85	22.85	22.87	24.1	0.0	
100	QPSK	210	0	22.29	22.40	22.40	24.1	0.0	
100	SSB-AM	1	1	22.41	22.85	22.42	24.1	0.0	
100	SSB-AM	1	1	22.54	22.81	22.80	23.5	0.0	
100	SSB-AM	1	1	20.43	20.97	20.92	23.5	0.0	
Channel				2541	2542.50	2543.50			
Frequency (MHz)				2541	2542.50	2543.50			
90	QPSK	1	1	22.07	22.48	22.41	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
90	QPSK	1	1	22.19	22.40	22.41	24.1	0.0	
Channel				90.002	90.008	90.008			
Frequency (MHz)				90.002	90.008	90.008			
70	QPSK	1	1	22.04	22.71	22.63	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
80	QPSK	1	1	22.04	22.07	22.05	24.1	0.0	
Channel				100.004	100.008	100.008			
Frequency (MHz)				100.004	100.008	100.008			
90	QPSK	1	1	22.09	22.83	22.88	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
80	QPSK	1	1	22.09	22.75	22.88	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
70	QPSK	1	1	22.45	22.74	22.87	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
90	QPSK	1	1	22.07	22.48	22.41	24.1	0.0	
Channel				100.000	100.000	100.000			
Frequency (MHz)				100.000	100.000	100.000			
10	QPSK	1	1	22.09	22.40	22.40	24.1	0.0	
Channel				90.002	90.008	90.008			
Frequency (MHz)				90.002	90.008	90.008			
10	QPSK	1	1	22.45	22.44	22.45	24.1	0.0	

n2 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1890	1910		
40	P1/2 BPSK	1	1	21.79	21.73	21.64		
40	P1/2 BPSK	1	108	21.70	21.64	21.52	23.3	0.0
40	P1/2 BPSK	1	214	21.64	21.59	21.44		
40	P1/2 BPSK	108	0	21.71	21.79	21.66	23.3	0.0
40	P1/2 BPSK	108	54	21.64	21.67	21.68	23.3	0.0
40	P1/2 BPSK	108	108	21.57	21.71	21.44		
40	P1/2 BPSK	216	0	21.67	21.69	21.66	23.3	0.0
40	QPSK	1	1	21.81	21.85	21.84		
40	QPSK	1	108	21.82	21.77	21.74	23.3	0.0
40	QPSK	1	214	21.66	21.78	21.68		
40	QPSK	108	0	21.76	21.80	21.50	23.0	0.3
40	QPSK	108	54	21.67	21.76	21.72	23.3	0.0
40	QPSK	108	108	21.39	21.53	21.41	23.0	0.3
40	QPSK	216	0	21.42	21.57	21.44		
40	16QAM	1	1	21.57	21.61	21.55	23.0	0.3
40	64QAM	1	1	20.33	20.36	20.36	21.5	1.9
40	256QAM	1	1	18.99	19.00	18.82	19.5	3.8
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.77	21.80	21.85	23.3	0.0
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.77	21.81	21.79	23.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1892.5		
25	QPSK	1	1	21.63	21.80	21.81	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.81	21.83	21.82	23.3	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1892.5		
15	QPSK	1	1	21.77	21.81	21.81	23.3	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.77	21.80	21.81	23.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.79	21.81	21.85	23.5	0.0

n7 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505000	507000	509000		
Frequency (MHz)				2520	2535	2545		
50	P1/2 BPSK	1	1	21.82	21.87	21.74		
50	P1/2 BPSK	1	135	21.64	21.71	21.62	23.2	0.0
50	P1/2 BPSK	1	268	21.62	21.71	21.64		
50	P1/2 BPSK	135	0	21.75	21.92	21.61	23.2	0.0
50	P1/2 BPSK	135	68	21.68	21.77	21.67	23.2	0.0
50	P1/2 BPSK	135	135	21.64	21.71	21.66		
50	P1/2 BPSK	270	0	21.69	21.70	21.68	23.2	0.0
50	QPSK	1	1	21.86	21.93	21.91		
50	QPSK	1	135	21.76	21.84	21.75	23.2	0.0
50	QPSK	1	268	21.67	21.82	21.71		
50	QPSK	135	0	21.90	21.99	21.53	23.0	0.2
50	QPSK	135	68	21.74	21.80	21.71	23.2	0.0
50	QPSK	135	135	21.54	21.66	21.49	23.0	0.2
50	QPSK	270	0	21.44	21.60	21.54		
50	16QAM	1	1	21.79	21.80	21.80	23.0	0.2
50	64QAM	1	1	20.43	20.52	20.34	21.5	1.7
50	256QAM	1	1	19.02	19.12	18.93	19.5	3.7
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	21.82	21.79	21.85	23.2	0.0
Channel				503500	507000	510500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	21.78	21.85	21.89	23.2	0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	1	21.81	21.83	21.82	23.2	0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	21.78	21.81	21.82	23.2	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	P1/2 BPSK	1	1	21.77	21.80	21.86	23.2	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	21.71	21.86	21.91	23.2	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	21.72	21.80	21.83	23.2	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	21.78	21.90	21.89	23.2	0.0

n25 Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1892.5	1910		
40	P1/2 BPSK	1	1	21.84	21.84	21.76		
40	P1/2 BPSK	1	108	21.72	21.70	21.58	23.3	0.0
40	P1/2 BPSK	1	214	21.85	21.70	21.49		
40	P1/2 BPSK	108	0	21.78	21.91	21.69	23.3	0.0
40	P1/2 BPSK	108	54	21.69	21.68	21.68	23.3	0.0
40	P1/2 BPSK	108	108	21.39	21.77	21.56		
40	P1/2 BPSK	216	0	21.62	21.76	21.67	23.3	0.0
40	QPSK	1	1	21.86	21.93	21.88		
40	QPSK	1	108	21.89	21.86	21.75	23.3	0.0
40	QPSK	1	214	21.67	21.89	21.71		
40	QPSK	108	0	21.46	21.81	21.52	23.0	0.3
40	QPSK	108	54	21.75	21.92	21.75	23.3	0.0
40	QPSK	108	108	21.49	21.64	21.47	23.0	0.3
40	QPSK	216	0	21.45	21.58	21.46		
40	16QAM	1	1	21.61	21.62	21.59	23.0	0.3
40	64QAM	1	1	20.36	20.44	20.36	21.5	1.9
40	256QAM	1	1	19.03	19.04	18.93	19.5	3.8
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1882.5	1897.5		
35	QPSK	1	1	21.77	21.79	21.79	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900		
30	QPSK	1	1	21.76	21.77	21.76	23.3	0.0
Channel				372500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5		
25	QPSK	1	1	21.74	21.77	21.76	23.3	0.0
Channel				372000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1905		
20	QPSK	1	1	21.73	21.79	21.78	23.3	0.0
Channel				371500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
15	QPSK	1	1	21.79	21.76	21.72	23.3	0.0
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	21.72	21.83	21.74	23.3	0.0
Channel				370500	376000	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
5	QPSK	1	1	21.77	21.82	21.79	23.3	0.0



n30 Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				462000			
Frequency (MHz)				2310			
10	PV2 BPSK	1	1	23.35			
10	PV2 BPSK	1	26	23.31			24.0
10	PV2 BPSK	1	50	23.29			
10	PV2 BPSK	25	0	22.88			23.5
10	PV2 BPSK	25	14	23.22			24.0
10	PV2 BPSK	25	27	22.85			
10	PV2 BPSK	50	0	22.90			23.5
10	QPSK	1	1	23.37			
10	QPSK	1	26	23.29			24.0
10	QPSK	1	50	23.30			
10	QPSK	25	0	22.23			23.0
10	QPSK	25	14	23.35			24.0
10	QPSK	25	27	22.42			
10	QPSK	50	0	22.57			23.0
10	16QAM	1	1	21.88			23.0
10	16QAM	1	1	20.15			21.5
10	256QAM	1	1	19.21			19.5
Channel				481500	462000	462000	MPR
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)
5	QPSK	1	1	23.17	23.21	23.15	24.0

n66 Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				346000	349000	352000	
Frequency (MHz)				1720	1745	1760	
40	PV2 BPSK	1	1	21.08	21.19	21.54	
40	PV2 BPSK	1	108	20.90	21.03	20.91	22.5
40	PV2 BPSK	1	214	20.98	21.02	20.82	
40	PV2 BPSK	108	0	21.09	21.11	20.98	22.5
40	PV2 BPSK	108	54	20.89	20.96	20.82	22.5
40	PV2 BPSK	108	108	20.91	20.99	20.85	
40	PV2 BPSK	216	0	20.98	21.01	20.92	22.5
40	QPSK	1	1	21.18	21.24	21.20	
40	QPSK	1	108	20.94	21.09	21.12	22.5
40	QPSK	1	214	21.05	21.15	21.05	
40	QPSK	108	0	20.82	20.83	20.80	22.5
40	QPSK	108	54	20.99	21.21	21.03	22.5
40	QPSK	108	108	20.82	20.97	20.82	22.5
40	QPSK	216	0	20.81	20.89	20.74	
40	16QAM	1	1	20.87	20.92	20.82	22.5
40	16QAM	1	1	20.15	20.34	20.18	21.5
40	256QAM	1	1	18.78	18.97	18.78	19.5
Channel				348000	349000	352000	MPR
Frequency (MHz)				1727.5	1745	1763.5	Tune-up limit (dBm)
35	QPSK	1	1	21.10	21.08	21.10	22.5
Channel				345000	349000	353500	MPR
Frequency (MHz)				1725	1745	1765	Tune-up limit (dBm)
30	QPSK	1	1	21.07	21.08	21.10	22.5
Channel				344500	349000	353500	MPR
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)
25	QPSK	1	1	21.14	21.14	21.08	22.5
Channel				344000	349000	354000	MPR
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)
20	QPSK	1	1	21.13	21.17	21.12	22.5
Channel				343500	349000	354500	MPR
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)
15	QPSK	1	1	21.11	21.17	21.04	22.5
Channel				343000	349000	355000	MPR
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)
10	QPSK	1	1	21.13	21.14	21.10	22.5
Channel				342500	349000	355500	MPR
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)
5	QPSK	1	1	21.09	21.09	21.08	22.5

n70 Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				340500			
Frequency (MHz)				1702.5			
15	PV2 BPSK	1	1	21.43			
15	PV2 BPSK	1	40	21.53			23.0
15	PV2 BPSK	1	77	21.53			
15	PV2 BPSK	36	0	21.63			23.0
15	PV2 BPSK	36	22	21.48			23.0
15	PV2 BPSK	36	43	21.51			
15	PV2 BPSK	75	0	21.47			23.0
15	QPSK	1	1	21.69			
15	QPSK	1	40	21.62			23.0
15	QPSK	1	77	21.57			
15	QPSK	36	0	21.37			23.0
15	QPSK	36	22	21.54			23.0
15	QPSK	36	43	21.43			
15	QPSK	75	0	21.40			23.0
15	16QAM	1	1	21.39			23.0
15	16QAM	1	1	20.43			21.5
15	256QAM	1	1	19.04			19.5
Channel				340500	340500	341000	MPR
Frequency (MHz)				1700	1702.5	1705	Tune-up limit (dBm)
10	QPSK	1	1	21.48	21.63	21.54	23.0
Channel				339500	340500	341500	MPR
Frequency (MHz)				1697.5	1702.5	1707.5	Tune-up limit (dBm)
5	QPSK	1	1	21.53	21.61	21.48	23.0

n41 PC3/PC2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				509202	518598	528000	21.8	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	20.49	20.50	20.40			
100	PI/2 BPSK	1	137	20.33	20.40	20.23			
100	PI/2 BPSK	1	271	20.27	20.39	20.19	21.8	0.0	
100	PI/2 BPSK	135	0	20.49	20.54	20.27			
100	PI/2 BPSK	135	69	20.31	20.30	20.34			
100	PI/2 BPSK	135	138	20.18	20.43	20.27			
100	PI/2 BPSK	270	0	20.28	20.38	20.27	21.8	0.0	
100	QPSK	1	1	20.51	20.56	20.54			
100	QPSK	1	137	20.37	20.52	20.39			
100	QPSK	1	271	20.41	20.49	20.35			
100	QPSK	135	0	20.15	20.25	20.15	21.8	0.0	
100	QPSK	135	69	20.43	20.52	20.40	21.8	0.0	
100	QPSK	135	138	20.12	20.26	20.12	21.8	0.0	
100	QPSK	270	0	20.10	20.25	20.14	21.8	0.0	
100	16QAM	1	1	20.17	20.31	20.23	21.8	0.0	
100	64QAM	1	1	20.20	20.22	20.17	21.8	0.0	
100	256QAM	1	1	20.25	20.36	20.15	21.8	0.0	
Channel				532009	518599	528096	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	QPSK	1	1	20.52	20.52	20.54	21.8	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	QPSK	1	1	20.53	20.53	20.52	21.8	0.0	
Channel				502704	518598	534498	Tune-up limit	MPR	
Frequency (MHz)				2513.52	2592.99	2672.49	(dBm)	(dB)	
70	QPSK	1	1	20.54	20.55	20.52	21.8	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	QPSK	1	1	20.53	20.52	20.50	21.8	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	QPSK	1	1	20.55	20.55	20.53	21.8	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	QPSK	1	1	20.54	20.49	20.49	21.8	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	QPSK	1	1	20.53	20.52	20.54	21.8	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	QPSK	1	1	20.50	20.50	20.54	21.8	0.0	
Channel				500100	518598	536996	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	QPSK	1	1	20.52	20.52	20.54	21.8	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	QPSK	1	1	20.55	20.41	20.51	21.8	0.0	

Part270 n78 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		12.25				
100	PI2 BPSK	1	137		12.12		13.7	0.0	
100	PI2 BPSK	1	271		12.05				
100	PI2 BPSK	135	0		12.32		13.7	0.0	
100	PI2 BPSK	135	69		12.20		13.7	0.0	
100	PI2 BPSK	135	138		12.16		13.7	0.0	
100	PI2 BPSK	270	0		12.15				
100	QPSK	1	1		12.43				
100	QPSK	1	137		12.30		13.7	0.0	
100	QPSK	1	271		12.22				
100	QPSK	135	0		11.98		13.7	0.0	
100	QPSK	135	69		12.26		13.7	0.0	
100	QPSK	135	138		12.11		13.7	0.0	
100	QPSK	270	0		12.22				
100	16QAM	1	1		12.06		13.7	0.0	
100	64QAM	1	1		12.10		13.7	0.0	
100	256QAM	1	1		12.00		13.7	0.0	
Channel				649698	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		12.18	12.21	12.24	13.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		12.16	12.33	12.17	13.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		12.18	12.26	12.27	13.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		12.16	12.24	12.25	13.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		12.24	12.22	12.26	13.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		12.16	12.27	12.17	13.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.02	3750	3785.01			
30	QPSK	1	1		12.20	12.27	12.20	13.7	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		12.15	12.28	12.29	13.7	0.0
Channel				647000	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.00			
20	QPSK	1	1		12.21	12.27	12.29	13.7	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		12.13	12.31	12.23	13.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		12.23	12.26	12.18	13.7	0.0

Part27Q n78 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		12.19				
100	PI2 BPSK	1	137		12.05		13.7	0.0	
100	PI2 BPSK	1	271		11.97				
100	PI2 BPSK	135	0		12.23		13.7	0.0	
100	PI2 BPSK	135	69		12.00		13.7	0.0	
100	PI2 BPSK	135	138		12.10		13.7	0.0	
100	PI2 BPSK	270	0		12.04				
100	QPSK	1	1		12.29				
100	QPSK	1	137		12.23		13.7	0.0	
100	QPSK	1	271		12.13				
100	QPSK	135	0		11.91		13.7	0.0	
100	QPSK	135	69		12.04		13.7	0.0	
100	QPSK	135	138		11.91		13.7	0.0	
100	QPSK	270	0		12.03				
100	16QAM	1	1		11.96		13.7	0.0	
100	64QAM	1	1		11.90		13.7	0.0	
100	256QAM	1	1		11.85		13.7	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		12.22	12.16	12.14	13.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		12.18	12.15	12.13	13.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		12.21	12.17	12.17	13.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		12.19	12.20	12.17	13.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		12.21	12.20	12.17	13.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		12.23	12.23	12.15	13.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.02	3500.01	3535.02			
30	QPSK	1	1		12.14	12.20	12.14	13.7	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		12.20	12.14	12.18	13.7	0.0
Channel				630334	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.00	3500.01	3540			
20	QPSK	1	1		12.22	12.24	12.18	13.7	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		12.21	12.21	12.21	13.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		12.19	12.15	12.20	13.7	0.0

n14 Ant 4							
Ear (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch. 1 (Freq.)	Power Lin Ch. 2 (Freq.)	Power Lin Ch. 3 (Freq.)	Testing Ref (dBm)
Channel							
Frequency (MHz)							
10	PRB-BPSK	1	1	23.19			
10	PRB-BPSK	1	36	23.32			24.0
10	PRB-BPSK	1	50	23.32			
10	PRB-BPSK	25	5	23.25			23.5
10	PRB-BPSK	25	14	23.25			24.0
10	PRB-BPSK	25	27	23.25			
10	PRB-BPSK	50	5	23.07			23.5
10	CPSS	1	1	23.45			
10	CPSS	1	36	23.17			24.0
10	CPSS	1	50	23.21			
10	CPSS	25	5	22.38			23.0
10	CPSS	25	14	22.37			24.0
10	CPSS	25	27	22.35			
10	CPSS	50	5	22.05			23.0
10	NCAM	1	1	20.92			21.5
10	NCAM	1	1	20.92			21.5
Channel							
Frequency (MHz)							
5	CPSS	1	1	23.47	23.31	23.35	24.0

n25 Ant 4							
Ear (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch. 1 (Freq.)	Power Lin Ch. 2 (Freq.)	Power Lin Ch. 3 (Freq.)	Testing Ref (dBm)
Channel							
Frequency (MHz)							
40	PRB-BPSK	1	1	17.15	17.15	17.17	
40	PRB-BPSK	1	168	17.21	17.19	17.12	18.5
40	PRB-BPSK	1	214	17.15	17.26	17.00	
40	PRB-BPSK	100	5	17.25	17.42	17.22	18.5
40	PRB-BPSK	100	54	17.09	17.28	17.10	18.5
40	PRB-BPSK	100	100	17.05	17.20	17.15	18.5
40	PRB-BPSK	200	5	17.14	17.24	17.15	
40	CPSS	1	1	17.40	17.40	17.40	
40	CPSS	1	168	17.24	17.22	17.26	18.5
40	CPSS	1	214	17.27	17.21	17.21	
40	CPSS	100	5	17.32	17.12	17.00	18.5
40	CPSS	100	54	17.26	17.20	17.21	18.5
40	CPSS	100	100	17.04	17.12	17.00	18.5
40	CPSS	200	5	17.15	17.00	17.00	
40	NCAM	1	1	17.11	17.10	17.04	18.5
40	NCAM	1	1	17.05	17.10	16.98	18.5
40	NCAM	1	1	16.91	16.92	16.72	17.5
Channel							
Frequency (MHz)							
30	CPSS	1	1	17.25	17.42	17.33	18.5
Channel							
Frequency (MHz)							
30	CPSS	1	1	17.31	17.34	17.24	18.5
Channel							
Frequency (MHz)							
25	CPSS	1	1	17.31	17.41	17.29	18.5
Channel							
Frequency (MHz)							
20	CPSS	1	1	16.35	17.32	17.21	18.5
Channel							
Frequency (MHz)							
15	CPSS	1	1	16.15	17.46	17.22	18.5
Channel							
Frequency (MHz)							
10	CPSS	1	1	16.25	17.35	17.25	18.5
Channel							
Frequency (MHz)							
5	CPSS	1	1	17.30	17.30	17.30	18.5

n26 Ant 4							
Ear (MHz)	Modulation	RB Size	RB Offset	Power Lin Ch. 1 (Freq.)	Power Lin Ch. 2 (Freq.)	Power Lin Ch. 3 (Freq.)	Testing Ref (dBm)
Channel							
Frequency (MHz)							
30	PRB-BPSK	1	1	21.19	21.17	21.28	
30	PRB-BPSK	1	53	21.04	21.05	21.05	23.0
30	PRB-BPSK	1	104	21.37	21.06	21.47	
30	PRB-BPSK	50	5	21.14	21.70	21.00	23.0
30	PRB-BPSK	50	38	21.05	21.69	21.03	23.0
30	PRB-BPSK	50	50	21.06	21.66	21.34	23.0
30	PRB-BPSK	100	5	21.05	21.70	21.01	
30	CPSS	1	1	21.84	21.89	21.84	
30	CPSS	1	53	21.19	21.84	21.70	23.0
30	CPSS	1	104	21.61	21.84	21.79	
30	CPSS	50	5	21.35	21.47	21.01	23.0
30	CPSS	50	38	21.61	21.70	21.00	23.0
30	CPSS	50	50	21.61	21.54	21.01	23.0
30	CPSS	100	5	21.46	21.66	21.44	
30	NCAM	1	1	21.45	21.07	21.25	23.0
30	NCAM	1	1	20.49	20.95	20.59	21.5
30	NCAM	1	1	19.31	19.24	19.25	19.5
Channel							
Frequency (MHz)							
15	CPSS	1	1	21.15	21.77	21.70	23.0
Channel							
Frequency (MHz)							
10	CPSS	1	1	20.74	21.05	21.74	23.0
Channel							
Frequency (MHz)							
5	CPSS	1	1	21.09	21.76	21.60	23.0

n71 Ant 4								
WV (GHz)	Modulation	RF Tx	RF Chx	Power (dBm)	Power (dBm)	Power (dBm)	Time on air (s)	SRPS
Channel								
35	PIUS 256Q	1	1	186.10	138.10	136.10		
35	PIUS 256Q	1	2	186.10	138.10	136.10		
35	PIUS 256Q	1	3	186.10	138.10	136.10		
35	PIUS 256Q	1	4	186.10	138.10	136.10		
35	PIUS 256Q	1	5	186.10	138.10	136.10		
35	PIUS 256Q	1	6	186.10	138.10	136.10		
35	PIUS 256Q	1	7	186.10	138.10	136.10		
35	PIUS 256Q	1	8	186.10	138.10	136.10		
35	PIUS 256Q	1	9	186.10	138.10	136.10		
35	PIUS 256Q	1	10	186.10	138.10	136.10		
35	PIUS 256Q	1	11	186.10	138.10	136.10		
35	PIUS 256Q	1	12	186.10	138.10	136.10		
35	PIUS 256Q	1	13	186.10	138.10	136.10		
35	PIUS 256Q	1	14	186.10	138.10	136.10		
35	PIUS 256Q	1	15	186.10	138.10	136.10		
35	PIUS 256Q	1	16	186.10	138.10	136.10		
35	PIUS 256Q	1	17	186.10	138.10	136.10		
35	PIUS 256Q	1	18	186.10	138.10	136.10		
35	PIUS 256Q	1	19	186.10	138.10	136.10		
35	PIUS 256Q	1	20	186.10	138.10	136.10		
35	PIUS 256Q	1	21	186.10	138.10	136.10		
35	PIUS 256Q	1	22	186.10	138.10	136.10		
35	PIUS 256Q	1	23	186.10	138.10	136.10		
35	PIUS 256Q	1	24	186.10	138.10	136.10		
35	PIUS 256Q	1	25	186.10	138.10	136.10		
35	PIUS 256Q	1	26	186.10	138.10	136.10		
35	PIUS 256Q	1	27	186.10	138.10	136.10		
35	PIUS 256Q	1	28	186.10	138.10	136.10		
35	PIUS 256Q	1	29	186.10	138.10	136.10		
35	PIUS 256Q	1	30	186.10	138.10	136.10		
35	PIUS 256Q	1	31	186.10	138.10	136.10		
35	PIUS 256Q	1	32	186.10	138.10	136.10		
35	PIUS 256Q	1	33	186.10	138.10	136.10		
35	PIUS 256Q	1	34	186.10	138.10	136.10		
35	PIUS 256Q	1	35	186.10	138.10	136.10		
35	PIUS 256Q	1	36	186.10	138.10	136.10		
35	PIUS 256Q	1	37	186.10	138.10	136.10		
35	PIUS 256Q	1	38	186.10	138.10	136.10		
35	PIUS 256Q	1	39	186.10	138.10	136.10		
35	PIUS 256Q	1	40	186.10	138.10	136.10		
35	PIUS 256Q	1	41	186.10	138.10	136.10		
35	PIUS 256Q	1	42	186.10	138.10	136.10		
35	PIUS 256Q	1	43	186.10	138.10	136.10		
35	PIUS 256Q	1	44	186.10	138.10	136.10		
35	PIUS 256Q	1	45	186.10	138.10	136.10		
35	PIUS 256Q	1	46	186.10	138.10	136.10		
35	PIUS 256Q	1	47	186.10	138.10	136.10		
35	PIUS 256Q	1	48	186.10	138.10	136.10		
35	PIUS 256Q	1	49	186.10	138.10	136.10		
35	PIUS 256Q	1	50	186.10	138.10	136.10		
35	PIUS 256Q	1	51	186.10	138.10	136.10		
35	PIUS 256Q	1	52	186.10	138.10	136.10		
35	PIUS 256Q	1	53	186.10	138.10	136.10		
35	PIUS 256Q	1	54	186.10	138.10	136.10		
35	PIUS 256Q	1	55	186.10	138.10	136.10		
35	PIUS 256Q	1	56	186.10	138.10	136.10		
35	PIUS 256Q	1	57	186.10	138.10	136.10		
35	PIUS 256Q	1	58	186.10	138.10	136.10		
35	PIUS 256Q	1	59	186.10	138.10	136.10		
35	PIUS 256Q	1	60	186.10	138.10	136.10		
35	PIUS 256Q	1	61	186.10	138.10	136.10		
35	PIUS 256Q	1	62	186.10	138.10	136.10		
35	PIUS 256Q	1	63	186.10	138.10	136.10		
35	PIUS 256Q	1	64	186.10	138.10	136.10		
35	PIUS 256Q	1	65	186.10	138.10	136.10		
35	PIUS 256Q	1	66	186.10	138.10	136.10		
35	PIUS 256Q	1	67	186.10	138.10	136.10		
35	PIUS 256Q	1	68	186.10	138.10	136.10		
35	PIUS 256Q	1	69	186.10	138.10	136.10		
35	PIUS 256Q	1	70	186.10	138.10	136.10		
35	PIUS 256Q	1	71	186.10	138.10	136.10		
35	PIUS 256Q	1	72	186.10	138.10	136.10		
35	PIUS 256Q	1	73	186.10	138.10	136.10		
35	PIUS 256Q	1	74	186.10	138.10	136.10		
35	PIUS 256Q	1	75	186.10	138.10	136.10		
35	PIUS 256Q	1	76	186.10	138.10	136.10		
35	PIUS 256Q	1	77	186.10	138.10	136.10		
35	PIUS 256Q	1	78	186.10	138.10	136.10		
35	PIUS 256Q	1	79	186.10	138.10	136.10		
35	PIUS 256Q	1	80	186.10	138.10	136.10		
35	PIUS 256Q	1	81	186.10	138.10	136.10		
35	PIUS 256Q	1	82	186.10	138.10	136.10		
35	PIUS 256Q	1	83	186.10	138.10	136.10		
35	PIUS 256Q	1	84	186.10	138.10	136.10		
35	PIUS 256Q	1	85	186.10	138.10	136.10		
35	PIUS 256Q	1	86	186.10	138.10	136.10		
35	PIUS 256Q	1	87	186.10	138.10	136.10		
35	PIUS 256Q	1	88	186.10	138.10	136.10		
35	PIUS 256Q	1	89	186.10	138.10	136.10		
35	PIUS 256Q	1	90	186.10	138.10	136.10		
35	PIUS 256Q	1	91	186.10	138.10	136.10		
35	PIUS 256Q	1	92	186.10	138.10	136.10		
35	PIUS 256Q	1	93	186.10	138.10	136.10		
35	PIUS 256Q	1	94	186.10	138.10	136.10		
35	PIUS 256Q	1	95	186.10	138.10	136.10		
35	PIUS 256Q	1	96	186.10	138.10	136.10		
35	PIUS 256Q	1	97	186.10	138.10	136.10		
35	PIUS 256Q	1	98	186.10	138.10	136.10		
35	PIUS 256Q	1	99	186.10	138.10	136.10		
35	PIUS 256Q	1	100	186.10	138.10	136.10		
35	PIUS 256Q	1	101	186.10	138.10	136.10		
35	PIUS 256Q	1	102	186.10	138.10	136.10		
35	PIUS 256Q	1	103	186.10	138.10	136.10		
35	PIUS 256Q	1	104	186.10	138.10	136.10		
35	PIUS 256Q	1	105	186.10	138.10	136.10		
35	PIUS 256Q	1	106	186.10	138.10	136.10		
35	PIUS 256Q	1	107	186.10	138.10	136.10		
35	PIUS 256Q	1	108	186.10	138.10	136.10		
35	PIUS 256Q	1	109	186.10	138.10	136.10		
35	PIUS 256Q	1	110	186.10	138.10	136.10		
35	PIUS 256Q	1	111	186.10	138.10	136.10		
35	PIUS 256Q	1	112	186.10	138.10	136.10		
35	PIUS 256Q	1	113	186.10	138.10	136.10		
35	PIUS 256Q	1	114	186.10	138.10	136.10		
35	PIUS 256Q	1	115	186.10	138.10	136.10		
35	PIUS 256Q	1	116	186.10	138.10	136.10		
35	PIUS 256Q	1	117	186.10	138.10	136.10		
35	PIUS 256Q	1	118	186.10	138.10	136.10		
35	PIUS 256Q	1	119	186.10	138.10	136.10		
35	PIUS 256Q	1	120	186.10	138.10	136.10		
35	PIUS 256Q	1	121	186.10	138.10	136.10		
35	PIUS 256Q	1	122	186.10	138.10	136.10		
35	PIUS 256Q	1	123	186.10	138.10	136.10		
35	PIUS 256Q	1	124	186.10	138.10	136.10		
35	PIUS 256Q	1	125	186.10	138.10	136.10		
35	PIUS 256Q	1	126	186.10	138.10	136.10		
35	PIUS 256Q	1	127	186.10	138.10	136.10		
35	PIUS 256Q	1	128	186.10	138.10	136.10		
35	PIUS 256Q	1	129	186.10	138.10	136.10		
35	PIUS 256Q	1	130	186.10	138.10	136.10		
35	PIUS 256Q	1	131	186.10	138.10	136.10		
35	PIUS 256Q	1	132	186.10	138.10	136.10		
35	PIUS 256Q	1	133	186.10	138.10	136.10		
35	PIUS 256Q	1	134	186.10	138.10	136.10		
35	PIUS 256Q	1	135	186.10	138.10	136.10		
35	PIUS 256Q	1	136	186.10	138.10	136.10		
35	PIUS 256Q	1	137	186.10	138.10	136.10		
35	PIUS 256Q	1	138	186.10	138.10	136.10		
35	PIUS 256Q	1	139	186.10	138.10	136.10		
35	PIUS 256Q	1	140	186.10	138.10	136.10		
35	PIUS 256Q	1	141	186.10	138.10	136.10		
35	PIUS 256Q	1	142	186.10	138.10	136.10		
35	PIUS 256Q	1	143	186.10	138.10	136.10		
35	PIUS 256Q	1	144	186.10	138.10	136.10		
35	PIUS 256Q	1	145	186.10	138.10	136.10		
35	PIUS 256Q	1	146	186.10	138.10	136.10		
35	PIUS 256Q	1	147	186.10	138.10	136.10		
35	PIUS 256Q	1	148	186.10	138.10	136.10		
35	PIUS 256Q	1	149	186.10	138.10	136.10		
35	PIUS 256Q	1	150	186.10	138.10	136.10		
35	PIUS 256Q	1	151	186.10	138.10	136.10		
35	PIUS 256Q	1	152	186.10	138.10	136.10		
35	PIUS 256Q	1	153	186.10	138.10	136.10		
35	PIUS 256Q	1	154	186.10	138.10	136.10		
35	PIUS 256Q	1	155	186.10	138.10	136.10		
35	PIUS 256Q	1	156	186.10	138.10	136.10		
35	PIUS 256Q	1	157	186.10	138.10	136.10		
35	PIUS 256Q	1	158	186.10	138.10	136.10		
35	PIUS 256Q	1	159	186.10	138.10			

n41 PC3/PC2 Ant 4									
BW [MHz]	Modulation	RB Size		RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					509202	518598	528000	19.2	0.0
Frequency (MHz)					2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	1	17.70	17.72	17.56		
100	PI/2 BPSK	1	137	1	17.51	17.50	17.49	19.2	0.0
100	PI/2 BPSK	1	271	1	17.49	17.54	17.41		
100	PI/2 BPSK	135	0	1	17.62	17.71	17.54		
100	PI/2 BPSK	135	69	1	17.49	17.50	17.51	19.2	0.0
100	PI/2 BPSK	135	138	1	17.38	17.52	17.47		
100	PI/2 BPSK	270	0	1	17.44	17.55	17.44		
100	QPSK	1	1	1	17.68	17.75	17.76	19.2	0.0
100	QPSK	1	137	1	17.52	17.67	17.58		
100	QPSK	1	271	1	17.56	17.64	17.59		
100	QPSK	135	0	1	17.30	17.37	17.40	19.2	0.0
100	QPSK	135	69	1	17.59	17.72	17.62		
100	QPSK	135	138	1	17.41	17.50	17.37		
100	QPSK	270	0	1	17.42	17.53	17.43	19.2	0.0
100	16QAM	1	1	1	17.44	17.46	17.38		
100	64QAM	1	1	1	17.41	17.49	17.28		
100	256QAM	1	1	1	17.46	17.45	17.38	18.5	0.7
Channel					507200	518598	528996	19.2	0.0
Frequency (MHz)					2541	2592.99	2643.98		
90	QPSK	1	1	1	17.53	17.71	17.61		
Channel					507204	518598	529998	19.2	0.0
Frequency (MHz)					2536.02	2592.99	2649.99		
80	QPSK	1	1	1	17.57	17.66	17.68		
Channel					506202	518598	531000	19.2	0.0
Frequency (MHz)					2531.01	2592.99	2655		
70	QPSK	1	1	1	17.59	17.65	17.60		
Channel					505200	518598	531996	19.2	0.0
Frequency (MHz)					2526	2592.99	2659.98		
60	QPSK	1	1	1	17.57	17.64	17.65		
Channel					505204	518599	532998	19.2	0.0
Frequency (MHz)					2521.02	2592.99	2664.99		
50	QPSK	1	1	1	17.61	17.67	17.64		
Channel					503202	518598	534000	19.2	0.0
Frequency (MHz)					2516.01	2592.99	2670		
40	QPSK	1	1	1	17.59	17.65	17.66		
Channel					502200	518598	534996	19.2	0.0
Frequency (MHz)					2511	2592.99	2674.98		
30	QPSK	1	1	1	17.55	17.68	17.69		
Channel					501204	518598	535998	19.2	0.0
Frequency (MHz)					2506.02	2592.99	2679.99		
20	QPSK	1	1	1	17.53	17.70	17.65		
Channel					500700	518599	535996	19.2	0.0
Frequency (MHz)					2503.5	2592.99	2682.48		
15	QPSK	1	1	1	17.51	17.67	17.70		
Channel					500202	518598	537000	19.2	0.0
Frequency (MHz)					2501.01	2592.99	2685		
10	QPSK	1	1	1	17.60	17.67	17.65		

n48 Part96 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power High Ch / Freq.	Power High Ch / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				640000	641006	643332			
Frequency (MHz)				3000	3024	3048			
	QPSK	1	1	15.88	15.94	15.75			
100	PQ2 BPSK	1	137	15.65	15.76	15.65	16.9	0.0	
100	PQ2 BPSK	1	271	15.63	15.81	15.55			
100	PQ2 BPSK	135	0	15.82	15.96	15.74	16.9	0.0	
100	PQ2 BPSK	135	69	15.61	15.73	15.69			
100	PQ2 BPSK	135	138	15.64	15.79	15.68			
100	PQ2 BPSK	270	0	15.68	15.78	15.70	16.9	0.0	
100	QPSK	1	1	15.87	15.99				
100	QPSK	1	137	15.71	15.88	15.84	16.9	0.0	
100	QPSK	1	271	15.77	15.88	15.84			
100	QPSK	135	0	15.55	15.58	15.54	16.9	0.0	
100	QPSK	135	69	15.81	15.92	15.75			
100	QPSK	135	138	15.56	15.62	15.62	16.9	0.0	
100	QPSK	270	0	15.63	15.78	15.61			
100	16QAM	1	1	15.65	15.74	15.62	16.9	0.0	
100	64QAM	1	1	14.64	14.65	14.64	15.5	1.4	
100	256QAM	1	1	13.15	13.28	13.12	13.5	3.4	
Channel				639668	641006	643066			
Frequency (MHz)				3004.02	3024	3044.98			
90	QPSK	1	1	15.78	15.91	15.83	16.9	0.0	
Channel				639334	641006	644000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3050.01	3024	3060			
80	QPSK	1	1	15.80	15.95	15.87	16.9	0.0	
Channel				639668	641006	644332	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3000	3024	3048			
70	QPSK	1	1	15.74	15.90	15.85	16.9	0.0	
Channel				639668	641006	644668	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3080.02	3024	3069			
60	QPSK	1	1	15.81	15.85	15.84	16.9	0.0	
Channel				639334	641006	645000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3076.01	3024	3075			
50	QPSK	1	1	15.82	15.89	15.90	16.9	0.0	
Channel				639668	641006	645332	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3070	3024	3079.98			
40	QPSK	1	1	15.79	15.84	15.83	16.9	0.0	
Channel				637668	641006	645666	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3065.02	3024	3084.99			
30	QPSK	1	1	15.78	15.92	15.88	16.9	0.0	
Channel				637334	641006	646000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3050.01	3024	3090			
20	QPSK	1	1	15.80	15.90	15.83	16.9	0.0	
Channel				637168	641006	646166	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3057.52	3024	3092.49			
15	QPSK	1	1	15.74	15.84	15.83	16.9	0.0	
Channel				637000	641006	646332	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055	3024	3094.98			
10	QPSK	1	1	15.74	15.93	15.89	16.9	0.0	

Part270 n77 PC3/PC2 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Time-up limit (dB)	MFR (dB)	
Channel				65000	66000	66200			
Frequency (MHz)				3100	3400	3600			
100	PQ2 BPSK	1	1	15.10	15.12	14.96			
100	PQ2 BPSK	1	137	14.91	14.97	14.89	16.6	0.0	
100	PQ2 BPSK	1	271	14.90	14.98	14.82			
100	PQ2 BPSK	135	0	15.04	15.12	14.90	16.6	0.0	
100	PQ2 BPSK	135	69	14.95	14.99	14.90	16.6	0.0	
100	PQ2 BPSK	135	138	14.85	14.85	14.85	16.6	0.0	
100	PQ2 BPSK	270	0	14.88	14.97	14.99	16.6	0.0	
100	QPSK	1	1	15.16	15.23	15.19			
100	QPSK	1	137	15.03	15.18	15.01	16.6	0.0	
100	QPSK	1	271	15.05	15.09	15.07			
100	QPSK	135	0	14.74	14.81	14.82	16.6	0.0	
100	QPSK	135	69	14.87	14.92	14.93	16.6	0.0	
100	QPSK	135	138	14.75	14.88	14.85	16.6	0.0	
100	QPSK	270	0	14.87	14.95	14.91			
100	16QAM	1	1	14.82	14.94	14.88	16.6	0.0	
100	8QAM	1	1	14.82	14.86	14.79	16.6	0.0	
100	256QAM	1	1	15.08	14.99	14.63	16.5	0.1	
Channel				64668	66000	66200	Time-up limit	MFR	
90	QPSK	1	1	15.00	15.07	15.11	16.6	0.0	
Channel				64934	65000	66068	Time-up limit	MFR	
80	QPSK	1	1	15.04	15.18	15.13	16.6	0.0	
Channel				64600	66000	66200	Time-up limit	MFR	
70	QPSK	1	1	15.01	15.08	15.13	16.6	0.0	
Channel				64668	66000	66334	Time-up limit	MFR	
60	QPSK	1	1	15.00	15.12	15.05	16.6	0.0	
Channel				64634	66000	66200	Time-up limit	MFR	
50	QPSK	1	1	15.09	15.14	15.06	16.6	0.0	
Channel				64900	65000	66400	Time-up limit	MFR	
40	QPSK	1	1	15.01	15.14	15.11	16.6	0.0	
Channel				64768	65000	66334	Time-up limit	MFR	
30	QPSK	1	1	15.15	15.02	15.04	16.6	0.0	
Channel				64700	65000	66400	Time-up limit	MFR	
25	QPSK	1	1	15.06	15.10	15.08	16.6	0.0	
Channel				64734	66000	66400	Time-up limit	MFR	
20	QPSK	1	1	15.10	15.07	15.10	16.6	0.0	
Channel				64768	65000	66484	Time-up limit	MFR	
15	QPSK	1	1	15.07	15.10	15.14	16.6	0.0	
Channel				64700	65000	66500	Time-up limit	MFR	
10	QPSK	1	1	15.11	15.15	15.14	16.6	0.0	

Part27Q n77 PC3/PC2 Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	
Channel				633334	3500.01		
Frequency (MHz)				16.02			
100	PQ2 BPSK	1	1	15.90			
100	PQ2 BPSK	1	137	15.90			16.6 0.0
100	PQ2 BPSK	1	271	15.85			
100	PQ2 BPSK	135	0	16.00			16.6 0.0
100	PQ2 BPSK	135	69	15.86			16.6 0.0
100	PQ2 BPSK	135	138	15.88			16.6 0.0
100	PQ2 BPSK	270	0	15.84			16.6 0.0
100	QPSK	1	1	16.14			
100	QPSK	1	137	16.05			16.6 0.0
100	QPSK	1	271	16.01			
100	QPSK	135	0	15.78			16.6 0.0
100	QPSK	135	69	15.62			16.6 0.0
100	QPSK	135	138	15.87			16.6 0.0
100	QPSK	270	0	15.90			16.6 0.0
100	16QAM	1	1	15.82			16.6 0.0
100	64QAM	1	1	15.87			16.6 0.0
100	256QAM	1	1	15.90			16.6 0.1
Channel				633000	633334	633688	
Frequency (MHz)				3496	3500.01	3506.02	
90	QPSK	1	1	15.90	16.01	16.06	16.6 0.0
Channel				630668	633334	634000	
Frequency (MHz)				3496.02	3500.01	3510	
80	QPSK	1	1	15.96	16.04	16.03	16.6 0.0
Channel				632374	633334	634374	
Frequency (MHz)				3485.01	3500.01	3515.01	
70	QPSK	1	1	15.85	15.97	16.01	16.6 0.0
Channel				630000	633334	634668	
Frequency (MHz)				3480	3500.01	3506.02	
60	QPSK	1	1	15.90	16.00	15.97	16.6 0.0
Channel				631668	633334	635000	
Frequency (MHz)				3475.02	3500.01	3525	
50	QPSK	1	1	15.94	15.97	16.07	16.6 0.0
Channel				631334	633334	635934	
Frequency (MHz)				3476.01	3500.01	3530.01	
40	QPSK	1	1	16.04	16.07	15.96	16.6 0.0
Channel				631100	633334	636568	
Frequency (MHz)				3465	3500.01	3535.02	
30	QPSK	1	1	16.02	16.03	16.07	16.6 0.0
Channel				630834	633334	636834	
Frequency (MHz)				3462.51	3500.01	3537.51	
25	QPSK	1	1	15.84	16.06	15.87	16.6 0.0
Channel				630668	633334	638000	
Frequency (MHz)				3460.02	3500.01	3540	
20	QPSK	1	1	15.94	15.98	16.01	16.6 0.0
Channel				630500	633334	638168	
Frequency (MHz)				3437.5	3500.01	3542.52	
15	QPSK	1	1	16.02	16.01	16.06	16.6 0.0
Channel				630834	633334	639334	
Frequency (MHz)				3455.01	3500.01	3545.01	
10	QPSK	1	1	15.96	15.98	15.96	16.6 0.0

Part270 n78 PC3/PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		15.00				
100	PI2 BPSK	1	137		14.82		16.6	0.0	
100	PI2 BPSK	1	271		14.84				
100	PI2 BPSK	135	0		15.00		16.6	0.0	
100	PI2 BPSK	135	69		14.85		16.6	0.0	
100	PI2 BPSK	135	138		14.87		16.6	0.0	
100	PI2 BPSK	270	0		14.89				
100	QPSK	1	1		15.17				
100	QPSK	1	137		15.07		16.6	0.0	
100	QPSK	1	271		14.96				
100	QPSK	135	0		14.72		16.6	0.0	
100	QPSK	135	69		14.59		16.6	0.0	
100	QPSK	135	138		14.77		16.6	0.0	
100	QPSK	270	0		14.89				
100	16QAM	1	1		14.89		16.6	0.0	
100	64QAM	1	1		14.80		16.6	0.0	
100	256QAM	1	1		14.54		16.5	0.1	
Channel				649698	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		14.89	15.01	15.04	16.6	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		14.94	14.99	15.02	16.6	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		14.07	14.91	14.96	16.6	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		14.85	15.01	15.06	16.6	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		14.59	14.59	14.59	16.6	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		14.89	15.01	15.04	16.6	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.02	3750	3785.01			
30	QPSK	1	1		14.98	15.03	14.98	16.6	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		14.92	14.99	15.04	16.6	0.0
Channel				647000	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.02			
20	QPSK	1	1		14.95	14.94	15.07	16.6	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		14.94	14.96	14.98	16.6	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		14.94	14.94	14.99	16.6	0.0

Part27Q n78 PC3/PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		15.91				
100	PI2 BPSK	1	137		15.78		16.6	0.0	
100	PI2 BPSK	1	271		15.85				
100	PI2 BPSK	135	0		15.98		16.6	0.0	
100	PI2 BPSK	135	69		15.72		16.6	0.0	
100	PI2 BPSK	135	138		15.81		16.6	0.0	
100	PI2 BPSK	270	0		15.76				
100	QPSK	1	1		16.07				
100	QPSK	1	137		15.97		16.6	0.0	
100	QPSK	1	271		15.86				
100	QPSK	135	0		15.72		16.6	0.0	
100	QPSK	135	69		15.89		16.6	0.0	
100	QPSK	135	138		15.72		16.6	0.0	
100	QPSK	270	0		15.79				
100	16QAM	1	1		15.79		16.6	0.0	
100	64QAM	1	1		15.79		16.6	0.0	
100	256QAM	1	1		15.35		16.5	0.1	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		15.80	15.87	16.00	16.6	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		15.86	15.91	15.93	16.6	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		15.90	15.95	16.00	16.6	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		15.87	15.89	15.92	16.6	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		15.90	15.92	15.99	16.6	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		15.83	15.88	15.92	16.6	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		15.87	15.90	15.90	16.6	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		15.81	15.95	15.97	16.6	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		15.90	15.86	16.00	16.6	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		15.86	15.86	15.91	16.6	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		15.87	15.97	15.99	16.6	0.0

n48 Part96 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				60000	64166	64332			
Frequency (MHz)				3000	3024.99	3049.98			
100	PI2 BPSK	1	1	16.09	16.05	15.88	17.5	0.0	
100	PI2 BPSK	1	137	15.85	15.91	15.81			
100	PI2 BPSK	1	271	15.87	15.88	15.72			
100	PI2 BPSK	135	0	15.97	16.03	15.87	17.5	0.0	
100	PI2 BPSK	135	69	15.83	15.88	15.80	17.5	0.0	
100	PI2 BPSK	135	138	15.80	16.00	15.86	17.5	0.0	
100	PI2 BPSK	270	0	15.89	15.92	15.82			
100	QPSK	1	1	16.07	16.16	16.09			
100	QPSK	1	137	15.95	16.01	15.95	17.5	0.0	
100	QPSK	1	271	15.97	16.02	15.95	17.0	0.5	
100	QPSK	135	0	15.63	15.74	15.77			
100	QPSK	135	69	15.98	16.00	15.97			
100	QPSK	135	138	15.75	15.86	15.79	17.0	0.5	
100	QPSK	270	0	15.88	15.93	15.78	17.0	0.5	
100	16QAM	1	1	15.82	15.92	15.73			
100	16QAM	1	1	14.66	14.78	14.62			
100	256QAM	1	1	13.18	13.35	13.16	13.5	4.0	
Channel				630668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055.02	3024.99	3054.99	(dBm)		
90	QPSK	1	1	15.99	16.05	16.03	17.5	0.0	
Channel				633334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3090.01	3024.99	3060	(dBm)		
80	QPSK	1	1	15.94	16.04	15.94	17.5	0.0	
Channel				630000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3005	3024.99	3064.98	(dBm)		
70	QPSK	1	1	15.90	16.03	15.97	17.5	0.0	
Channel				630668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.02	3024.99	3069.99	(dBm)		
60	QPSK	1	1	15.94	16.06	16.03	17.5	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3270.01	3024.99	3075	(dBm)		
50	QPSK	1	1	15.90	16.09	16.01	17.5	0.0	
Channel				630000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3070	3024.99	3079.98	(dBm)		
40	QPSK	1	1	15.94	16.10	15.97	17.5	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465.02	3024.99	3484.99	(dBm)		
30	QPSK	1	1	16.02	16.03	15.99	17.5	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3024.99	3560	(dBm)		
20	QPSK	1	1	16.03	16.02	15.99	17.5	0.0	
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3657.63	3024.99	3662.49	(dBm)		
15	QPSK	1	1	15.93	16.04	15.94	17.5	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3655	3024.99	3694.98	(dBm)		
10	QPSK	1	1	15.96	16.12	16.02	17.5	0.0	

Part270 n77 PC3/PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	660000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	16.36	16.39	16.27	17.3	0.0	
100	PI2 BPSK	1	137	16.28	16.33	16.22			
100	PI2 BPSK	1	271	16.15	16.33	16.12			
100	PI2 BPSK	135	0	16.33	16.49	16.25	17.3	0.0	
100	PI2 BPSK	135	69	16.20	16.32	16.25	17.3	0.0	
100	PI2 BPSK	135	138	16.16	16.32	16.21	17.3	0.0	
100	PI2 BPSK	270	0	16.15	16.31	16.28			
100	QPSK	1	1	16.46	16.51	16.49			
100	QPSK	1	137	16.23	16.40	16.31	17.3	0.0	
100	QPSK	1	271	16.32	16.48	16.30	17.3	0.0	
100	QPSK	135	0	15.99	16.09	16.12			
100	QPSK	135	69	16.32	16.37	16.33			
100	QPSK	135	138	16.09	16.24	16.07	17.3	0.0	
100	QPSK	270	0	16.15	16.25	16.13	17.3	0.0	
100	16QAM	1	1	16.14	16.29	16.14			
100	64QAM	1	1	16.07	16.25	16.06			
100	256QAM	1	1	15.04	14.69	14.71	16.5	0.8	
Channel				646668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	16.30	16.46	16.40	17.3	0.0	
Channel				649334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	16.32	16.44	16.39	17.3	0.0	
Channel				649000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	16.31	16.43	16.37	17.3	0.0	
Channel				646668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	16.31	16.39	16.35	17.3	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	16.31	16.43	16.39	17.3	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	16.32	16.42	16.42	17.3	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dB)		
30	QPSK	1	1	16.33	16.38	16.45	17.3	0.0	
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5 <td>17.3</td> <td>0.0</td> <td></td>	17.3	0.0	
25	QPSK	1	1	16.31	16.37	16.39	17.3	0.0	
Channel				647334	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	16.34	16.47	16.34	17.3	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	16.36	16.37	16.43	17.3	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	16.37	16.40	16.41	17.3	0.0	

Part27Q n77 PC3/PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		16.40		17.3	0.0	
100	PI2 BPSK	1	137		16.32				
100	PI2 BPSK	1	271		16.30				
100	PI2 BPSK	135	0		16.32		17.3	0.0	
100	PI2 BPSK	135	69		16.39		17.3	0.0	
100	PI2 BPSK	135	138		16.37		17.3	0.0	
100	PI2 BPSK	270	0		16.28				
100	QPSK	1	1		16.53				
100	QPSK	1	137		16.49		17.3	0.0	
100	QPSK	1	271		16.51				
100	QPSK	135	0		16.12				
100	QPSK	135	69		16.45		17.3	0.0	
100	QPSK	135	138		16.28		17.3	0.0	
100	QPSK	270	0		16.28				
100	QPSK	1	1		16.28				
100	16QAM	1	1		16.28		17.3	0.0	
100	16QAM	1	1		16.27		17.3	0.0	
100	256QAM	1	1		16.04		16.5	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR	
90	QPSK	1	1	16.39	16.45	16.39	17.3	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	16.37	16.40	16.35	17.3	0.0	
Channel				632234	633334	634374	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	16.37	16.37	16.32	17.3	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3480.00	3500.01	3520.02			
60	QPSK	1	1	16.41	16.41	16.34	17.3	0.0	
Channel				631668	633334	634000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	16.42	16.44	16.34	17.3	0.0	
Channel				631334	633334	635034	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	16.34	16.41	16.33	17.3	0.0	
Channel				631000	633334	634500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	16.42	16.45	16.31	17.3	0.0	
Channel				630674	633334	635834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3452.51	3500.01	3537.51			
25	QPSK	1	1	16.42	16.39	16.34	17.3	0.0	
Channel				630400	633334	635000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3440.02	3500.01	3540			
20	QPSK	1	1	16.41	16.48	16.37	17.3	0.0	
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3437.5	3500.01	3542.52			
15	QPSK	1	1	16.34	16.40	16.29	17.3	0.0	
Channel				630334	633334	635534	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3435.01	3500.01	3545.01			
10	QPSK	1	1	16.43	16.43	16.31	17.3	0.0	

Part27O n78 PC3/PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		16.35				
100	PI2 BPSK	1	137		16.34		17.3	0.0	
100	PI2 BPSK	1	271		16.34				
100	PI2 BPSK	135	0		16.30		17.3	0.0	
100	PI2 BPSK	135	69		16.32		17.3	0.0	
100	PI2 BPSK	135	138		16.34				
100	PI2 BPSK	270	0		16.30		17.3	0.0	
100	QPSK	1	1		16.57				
100	QPSK	1	137		16.39		17.3	0.0	
100	QPSK	1	271		16.53				
100	QPSK	135	0		16.06		17.3	0.0	
100	QPSK	135	69		16.38		17.3	0.0	
100	QPSK	135	138		16.22		17.3	0.0	
100	QPSK	270	0		16.27				
100	16QAM	1	1		16.24		17.3	0.0	
100	64QAM	1	1		16.22		17.3	0.0	
100	256QAM	1	1		15.54		16.5	0.8	
Channel				649698	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.20	16.46	16.41	17.3	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.27	16.41	16.38	17.3	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.31	16.44	16.40	17.3	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.29	16.41	16.38	17.3	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.32	16.41	16.35	17.3	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.30	16.51	16.40	17.3	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		16.33	16.40	16.41	17.3	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		16.30	16.48	16.36	17.3	0.0
Channel				647000	650000	652998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.00			
20	QPSK	1	1		16.34	16.51	16.39	17.3	0.0
Channel				647168	650000	653634	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.27	16.48	16.44	17.3	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.31	16.41	16.40	17.3	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				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		16.45				
100	PI2 BPSK	1	137		16.38		17.3	0.0	
100	PI2 BPSK	1	271		16.24				
100	PI2 BPSK	135	0		16.58		17.3	0.0	
100	PI2 BPSK	135	69		16.36		17.3	0.0	
100	PI2 BPSK	135	138		16.39				
100	PI2 BPSK	270	0		16.31		17.3	0.0	
100	QPSK	1	1		16.58				
100	QPSK	1	137		16.51		17.3	0.0	
100	QPSK	1	271		16.52				
100	QPSK	135	0		16.12		17.3	0.0	
100	QPSK	135	69		16.49		17.3	0.0	
100	QPSK	135	138		16.26		17.3	0.0	
100	QPSK	270	0		16.28				
100	16QAM	1	1		16.35		17.3	0.0	
100	64QAM	1	1		16.25		17.3	0.0	
100	256QAM	1	1		16.09		16.5	0.8	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.38	16.51	16.41	17.3	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		16.35	16.41	16.43	17.3	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.33	16.40	16.42	17.3	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.42	16.42	16.35	17.3	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.42	16.45	16.40	17.3	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.38	16.41	16.39	17.3	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		16.42	16.51	16.35	17.3	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.38	16.44	16.36	17.3	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.44	16.42	16.36	17.3	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		16.37	16.44	16.38	17.3	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		16.44	16.41	16.44	17.3	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				640000	641666	643332			
Frequency (MHz)				30500	3024.99	3049.98			
100	PI2 BPSK	1	1	19.73	19.71	19.84	21.3	0.0	
100	PI2 BPSK	1	137	19.58	19.53	19.50			
100	PI2 BPSK	1	271	19.55	19.55	19.42			
100	PI2 BPSK	135	0	19.63	19.78	19.48	21.3	0.0	
100	PI2 BPSK	135	69	19.48	19.62	19.47	21.3	0.0	
100	PI2 BPSK	135	138	19.46	19.61	19.52	21.3	0.0	
100	PI2 BPSK	270	0	19.49	19.56	19.48			
100	QPSK	1	1	19.77	19.68	19.79			
100	QPSK	1	137	19.53	19.55	19.62	21.3	0.0	
100	QPSK	1	271	19.55	19.72	19.59	21.3	0.0	
100	QPSK	135	0	19.34	19.41	19.45			
100	QPSK	135	69	19.62	19.62	19.61			
100	QPSK	135	138	19.42	19.55	19.48	21.3	0.0	
100	QPSK	270	0	19.48	19.57	19.41	21.3	0.0	
100	16QAM	1	1	19.49	19.52	19.40			
100	64QAM	1	1	19.41	19.47	19.41			
100	256QAM	1	1	19.68	19.61	19.70	20.5	0.8	
Channel				639698	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3058.02	3024.99	3054.99	(dB)		
90	QPSK	1	1	19.65	19.67	19.65	21.3	0.0	
Channel				639334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3050.01	3024.99	3060	(dB)		
80	QPSK	1	1	19.69	19.75	19.74	21.3	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055	3024.99	3054.98	(dB)		
70	QPSK	1	1	19.60	19.67	19.66	21.3	0.0	
Channel				638668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.02	3024.99	3069.99	(dB)		
60	QPSK	1	1	19.67	19.72	19.63	21.3	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3072.01	3024.99	3075	(dB)		
50	QPSK	1	1	19.71	19.75	19.64	21.3	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3070	3024.99	3079.98	(dB)		
40	QPSK	1	1	19.64	19.70	19.73	21.3	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3078.02	3024.99	3084.99	(dB)		
30	QPSK	1	1	19.65	19.67	19.70	21.3	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.01	3024.99	3060	(dB)		
20	QPSK	1	1	19.71	19.73	19.73	21.3	0.0	
Channel				637168	641666	646166	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3069.61	3024.99	3062.49	(dB)		
15	QPSK	1	1	19.61	19.70	19.74	21.3	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055	3024.99	3064.98	(dB)		
10	QPSK	1	1	19.64	19.68	19.64	21.3	0.0	

Part270 n77 PC3/PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				66000	66000	66000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.00	19.06	19.90	20.2	0.0	
100	PI2 BPSK	1	137	18.85	18.89	18.86			
100	PI2 BPSK	1	271	18.89	18.90	18.77			
100	PI2 BPSK	135	0	19.06	19.05	19.83	20.2	0.0	
100	PI2 BPSK	135	69	18.81	18.93	18.82	20.2	0.0	
100	PI2 BPSK	135	138	18.86	18.92	18.78	20.2	0.0	
100	PI2 BPSK	270	0	18.85	18.90	18.86			
100	QPSK	1	1	19.07	19.17	19.16			
100	QPSK	1	137	18.96	19.07	19.05	20.2	0.0	
100	QPSK	1	271	19.00	19.03	18.97	20.2	0.0	
100	QPSK	135	0	18.67	18.75	18.75			
100	QPSK	135	69	18.97	19.00	18.93			
100	QPSK	135	138	18.71	18.87	18.77	20.2	0.0	
100	QPSK	270	0	18.80	18.88	18.84	20.2	0.0	
100	16QAM	1	1	18.74	18.90	18.78			
100	64QAM	1	1	18.77	18.85	18.77			
100	256QAM	1	1	18.87	18.84	18.81	20.2	0.0	
Channel				66068	66000	66234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	18.92	19.11	19.03	20.2	0.0	
Channel				64934	65000	65268	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	19.03	19.03	19.08	20.2	0.0	
Channel				64900	66000	66300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	18.98	19.06	19.07	20.2	0.0	
Channel				64868	65000	65334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	19.03	19.03	19.10	20.2	0.0	
Channel				64834	66000	66368	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	18.97	19.11	19.08	20.2	0.0	
Channel				64800	66000	66400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	18.98	19.09	19.00	20.2	0.0	
Channel				64768	65000	66434	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	(dB)		
30	QPSK	1	1	18.97	19.11	19.07	20.2	0.0	
Channel				64700	66000	66450	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dB)		
25	QPSK	1	1	18.94	19.10	19.00	20.2	0.0	
Channel				64734	65000	66468	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	18.94	19.12	19.05	20.2	0.0	
Channel				647168	66000	664634	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	18.91	19.12	19.11	20.2	0.0	
Channel				64700	66000	66500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	18.97	19.05	19.10	20.2	0.0	

Part27Q n77 PC3/PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				63000	63334				
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1	18.63	18.63	18.63	20.2	0.0	
100	PI2 BPSK	1	137	18.42	18.42	18.42			
100	PI2 BPSK	1	271	18.51	18.51	18.51			
100	PI2 BPSK	135	0	18.67	18.67	18.67	20.2	0.0	
100	PI2 BPSK	135	69	18.44	18.44	18.44	20.2	0.0	
100	PI2 BPSK	135	138	18.45	18.45	18.45	20.2	0.0	
100	PI2 BPSK	270	0	18.48	18.48	18.48			
100	QPSK	1	1	18.71	18.71	18.71			
100	QPSK	1	137	18.57	18.57	18.57	20.2	0.0	
100	QPSK	1	271	18.64	18.64	18.64	2		
100	QPSK	135	0	18.32	18.32	18.32	20.2	0.0	
100	QPSK	135	69	18.38	18.38	18.38	20.2	0.0	
100	QPSK	135	138	18.38	18.38	18.38	20.2	0.0	
100	QPSK	270	0	18.50	18.50	18.50			
100	16QAM	1	1	18.39	18.39	18.39			
100	64QAM	1	1	18.42	18.42	18.42	20.2	0.0	
100	256QAM	1	1	18.37	18.37	18.37	20.2	0.0	
Channel				63000	63333	63668	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.59	18.58	18.55	20.2	0.0	
Channel				63068	63334	63400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3496.01	3500.01	3510			
80	QPSK	1	1	18.55	18.56	18.51	20.2	0.0	
Channel				63274	63333	63334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3486.01	3500.01	3515.01			
70	QPSK	1	1	18.51	18.66	18.52	20.2	0.0	
Channel				63000	63334	63668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	18.57	18.59	18.48	20.2	0.0	
Channel				63168	63333	63500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.00	3500.01	3525			
50	QPSK	1	1	18.51	18.58	18.45	20.2	0.0	
Channel				63134	63334	63534	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	18.57	18.58	18.48	20.2	0.0	
Channel				63100	63333	63568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	18.55	18.62	18.54	20.2	0.0	
Channel				63084	63334	63584	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	18.60	18.66	18.54	20.2	0.0	
Channel				63266	63333	63600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	18.57	18.61	18.56	20.2	0.0	
Channel				63050	63334	63618	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	18.49	18.65	18.50	20.2	0.0	
Channel				63033	63334	63534	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	18.59	18.62	18.55	20.2	0.0	

Part270 n78 PC3/PC2 Ant 9									
BW [MHz]	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)				3750	3750	3750			
100	PI2 BPSK	1	1		19.09			20.2	0.0
100	PI2 BPSK	1	137		18.85				
100	PI2 BPSK	1	271		18.86				
100	PI2 BPSK	135	0		19.10			20.2	0.0
100	PI2 BPSK	135	69		18.93			20.2	0.0
100	PI2 BPSK	135	138		18.95				
100	PI2 BPSK	270	0		18.92			20.2	0.0
100	QPSK	1	1		19.19				
100	QPSK	1	137		19.09			20.2	0.0
100	QPSK	1	271		18.96				
100	QPSK	135	0		18.77			20.2	0.0
100	QPSK	135	69		19.00			20.2	0.0
100	QPSK	135	138		18.87			20.2	0.0
100	QPSK	270	0		18.84				
100	16QAM	1	1		18.91			20.2	0.0
100	64QAM	1	1		18.80			20.2	0.0
100	256QAM	1	1		18.80			20.2	0.0
Channel				649998	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		18.50	19.16	19.01	20.2	0.0
Channel				649334	650000	650550	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		18.87	19.05	19.07	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		18.94	19.00	19.06	20.2	0.0
Channel				648998	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		18.93	19.16	18.99	20.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		18.91	19.12	19.09	20.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		18.87	19.13	19.06	20.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.02	3750	3783.01			
30	QPSK	1	1		18.97	19.08	18.98	20.2	0.0
Channel				647000	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		18.96	19.08	19.09	20.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.01	3750	3786.02			
20	QPSK	1	1		18.88	19.07	19.05	20.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		18.86	19.15	19.09	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		18.97	19.07	19.09	20.2	0.0

Part27Q n78 PC3/PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		19.00			20.2	0.0
100	PI2 BPSK	1	137		18.82				
100	PI2 BPSK	1	271		18.77				
100	PI2 BPSK	135	0		19.03			20.2	0.0
100	PI2 BPSK	135	69		18.88			20.2	0.0
100	PI2 BPSK	135	138		18.89				
100	PI2 BPSK	270	0		18.86			20.2	0.0
100	QPSK	1	1		19.15				
100	QPSK	1	137		19.01			20.2	0.0
100	QPSK	1	271		18.97				
100	QPSK	135	0		18.87			20.2	0.0
100	QPSK	135	69		19.02			20.2	0.0
100	QPSK	135	138		18.82			20.2	0.0
100	QPSK	270	0		18.83				
100	16QAM	1	1		18.94			20.2	0.0
100	64QAM	1	1		18.74			20.2	0.0
100	256QAM	1	1		18.71			20.2	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		18.83	19.04	19.03	20.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		18.90	19.03	19.00	20.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		18.86	19.03	18.98	20.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		18.90	19.10	18.91	20.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		18.87	19.10	18.94	20.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		18.84	19.07	18.94	20.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		18.92	19.05	18.93	20.2	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		18.89	19.10	18.98	20.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		18.81	19.08	18.92	20.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		18.82	19.08	19.02	20.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		18.85	18.99	18.95	20.2	0.0

n41 PC3/PC2 Ant 10									
BW [MHz]	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	20.2	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.98	19.03	18.88			
100	PI/2 BPSK	1	137	18.84	18.90	18.76			
100	PI/2 BPSK	1	271	18.74	18.80	18.67	20.2	0.0	
100	PI/2 BPSK	135	0	18.95	18.97	18.73			
100	PI/2 BPSK	135	69	18.77	18.80	18.73			
100	PI/2 BPSK	135	138	18.77	18.80	18.67			
100	PI/2 BPSK	270	0	18.73	18.82	18.79	20.2	0.0	
100	QPSK	1	1	18.94	19.08	19.02			
100	QPSK	1	137	18.79	19.03	18.90			
100	QPSK	1	271	18.85	19.05	18.87			
100	QPSK	135	0	18.59	18.69	18.61	20.2	0.0	
100	QPSK	135	69	18.86	19.01	18.84	20.2	0.0	
100	QPSK	135	138	18.63	18.78	18.67	20.2	0.0	
100	QPSK	270	0	18.71	18.79	18.69	20.2	0.0	
100	16QAM	1	1	18.75	18.84	18.65	20.2	0.0	
100	64QAM	1	1	18.67	18.76	18.67	20.2	0.0	
100	256QAM	1	1	18.48	18.58	18.52	19.5	0.7	
Channel				532009	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	18.90	19.01	18.96	20.2	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.86	18.96	18.97	20.2	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	18.88	18.99	18.88	20.2	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.78	18.97	18.88	20.2	0.0	
Channel				534204	518598	532996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	18.83	19.02	18.90	20.2	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.80	18.97	18.90	20.2	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.87	18.97	18.96	20.2	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.86	18.93	18.86	20.2	0.0	
Channel				530700	518598	535996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2603.5	2602.99	2682.48			
15	QPSK	1	1	18.84	18.94	18.93	20.2	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	18.85	19.02	18.95	20.2	0.0	

Reduced Power Mode for ECI3_Other PA

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000		
Frequency (MHz)				1870	1880	1890		
40	PI/2 BPSK	1	1	21.54	21.73	21.67		
40	PI/2 BPSK	1	108	21.58	21.81	21.65	23.3	0.0
40	PI/2 BPSK	1	214	21.42	21.55	21.34		
40	PI/2 BPSK	108	0	21.47	21.70	21.61		
40	PI/2 BPSK	108	54	21.44	21.70	21.61	23.3	0.0
40	PI/2 BPSK	108	108	21.48	21.68	21.65	23.3	0.0
40	PI/2 BPSK	216	0	21.51	21.68	21.59		
40	QPSK	1	1	21.63	21.78	21.70		
40	QPSK	1	108	21.60	21.71	21.74	23.3	0.0
40	QPSK	1	214	21.50	21.63	21.40		
40	QPSK	108	0	21.54	21.73	21.67		
40	QPSK	108	54	21.54	21.74	21.68	23.3	0.0
40	QPSK	108	108	21.57	21.70	21.70	23.0	0.3
40	QPSK	216	0	21.54	21.71	21.63		
40	16QAM	1	1	21.59	21.72	21.62		
40	64QAM	1	1	20.34	20.56	20.36	21.5	1.8
40	256QAM	1	1	18.98	19.17	18.97	19.5	3.8
Channel				373900	376000	376500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5		
35	QPSK	1	1	21.53	21.72	21.62	23.3	0.0
Channel				373000	378000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	QPSK	1	1	21.58	21.72	21.83	23.3	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5		
25	QPSK	1	1	21.58	21.89	21.64	23.3	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	21.53	21.70	21.85	#VALUE!	CID
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	1	21.54	21.73	21.68	23.3	0.0
Channel				371000	378000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	21.57	21.73	21.67	23.3	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	1	21.57	21.76	21.63	23.3	0.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.01	21.16	21.01		
40	PI/2 BPSK	1	108	20.86	21.14	21.05	22.5	0.0
40	PI/2 BPSK	1	214	20.95	21.08	21.05		
40	PI/2 BPSK	108	0	20.89	21.12	20.91		
40	PI/2 BPSK	108	54	20.98	21.14	20.97	22.5	0.0
40	PI/2 BPSK	108	108	20.81	21.06	20.99	22.5	0.0
40	PI/2 BPSK	216	0	20.94	20.98	20.94		
40	QPSK	1	1	21.05	21.24	21.04		
40	QPSK	1	108	20.92	21.17	21.11	22.5	0.0
40	QPSK	1	214	21.01	21.12	21.09		
40	QPSK	108	0	20.95	21.17	20.95		
40	QPSK	108	54	21.00	21.23	21.00	22.5	0.0
40	QPSK	108	108	20.88	21.13	21.02	22.5	0.0
40	QPSK	216	0	20.98	21.05	21.01		
40	16QAM	1	1	21.00	21.20	20.95	22.5	0.0
40	64QAM	1	1	20.21	20.42	20.24	21.5	1.8
40	256QAM	1	1	19.03	19.09	18.93	19.5	3.8
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	20.99	21.20	20.98	22.5	CID
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	21.02	21.18	20.99	22.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	21.01	21.18	20.98	22.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	21.02	21.18	20.99	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	21.03	21.21	20.96	22.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	21.01	21.18	20.95	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	21.01	21.19	20.97	22.5	0.0

n2 Ant 4_CID32										
BW [MHz]	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	376000	378000				
Frequency (MHz)				1876	1880	1880				
40	PI/2 BPSK	1	1	19.29	19.37	19.28	19.8			
40	PI/2 BPSK	1	108	19.21	19.31	19.23				
40	PI/2 BPSK	1	214	19.20	19.26	19.26				
40	PI/2 BPSK	108	0	19.19	19.25	19.27		19.8	0.0	
40	PI/2 BPSK	108	54	19.25	19.27	19.22	19.8	0.0	19.8	
40	PI/2 BPSK	108	108	19.15	19.13	19.20				
40	PI/2 BPSK	216	0	19.13	19.22	19.11				
40	QPSK	1	1	19.36	19.45	19.39	19.8			
40	QPSK	1	108	19.32	19.39	19.41		0.0		
40	QPSK	1	214	19.32	19.33	19.32				
40	QPSK	108	0	19.23	19.33	19.33		0.0		
40	QPSK	108	54	19.32	19.34	19.33	19.8	0.0	19.8	
40	QPSK	108	108	19.21	19.20	19.25				
40	QPSK	216	0	19.20	19.28	19.21	0.0			
40	16QAM	1	1	19.29	19.41	19.31	0.0		19.8	
40	64QAM	1	1	19.25	19.29	19.32	0.0			
40	256QAM	1	1	19.33	19.33	19.31	0.3			
Channel				373500	376000	378500	Tune-up limit (dBm)			
Frequency (MHz)				1867.5	1880	1892.5				
35	QPSK	1	1	19.27	19.34	19.29	0.0		19.8	
Channel				373000	376000	379000	Tune-up limit (dBm)			
Frequency (MHz)				1865	1880	1895				
30	QPSK	1	1	19.24	19.37	19.30	0.0		19.8	
Channel				372500	376000	379500	Tune-up limit (dBm)			
Frequency (MHz)				1862.5	1880	1897.5				
25	QPSK	1	1	19.29	19.40	19.29	0.0		19.8	
Channel				372000	376000	380000	Tune-up limit (dBm)			
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	1	19.30	19.34	19.27	0.0		19.8	
Channel				371500	376000	380500	Tune-up limit (dBm)			
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	1	19.28	19.39	19.32	0.0		19.8	
Channel				371000	376000	381000	Tune-up limit (dBm)			
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	1	19.29	19.34	19.28	0.0		19.8	
Channel				370500	376000	381500	Tune-up limit (dBm)			
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	1	19.29	19.38	19.31	0.0			

n25 Ant 4_CID39							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	MPR (dB)
Channel				374000	376500	379000	
Frequency (MHz)				1810	1822.5	1835	
40	PI2 BPSK	1	1	19.08	19.26	19.13	
40	PI2 BPSK	1	108	19.19	19.33	19.33	19.8
40	PI2 BPSK	1	214	19.17	19.30	19.26	
40	PI2 BPSK	108	0	19.12	19.24	19.24	19.8
40	PI2 BPSK	108	54	19.26	19.32	19.16	19.8
40	PI2 BPSK	108	108	19.22	19.18	19.26	
40	PI2 BPSK	216	0	19.14	19.17	19.07	19.8
40	QPSK	1	1	19.35	19.43	19.41	
40	QPSK	1	108	19.38	19.46	19.46	19.8
40	QPSK	1	214	19.27	19.36	19.33	
40	QPSK	108	0	19.24	19.25	19.33	19.8
40	QPSK	108	54	19.28	19.37	19.27	19.8
40	QPSK	108	108	19.21	19.15	19.22	19.8
40	QPSK	216	0	19.17	19.26	19.17	
40	64QAM	1	1	19.29	19.46	19.32	19.8
40	64QAM	1	1	19.29	19.35	19.28	19.8
40	256QAM	1	1	18.76	18.95	18.95	19.5
Channel				373500	376500	379500	
Frequency (MHz)				1807.5	1822.5	1837.5	
35	QPSK	1	1	22.73	23.00	22.73	19.8
Channel				373000	376500	380000	
Frequency (MHz)				1865	1882.5	1900	
30	QPSK	1	1	22.75	23.04	22.60	19.8
Channel				372500	376500	380500	
Frequency (MHz)				1862.5	1882.5	1902.5	
25	QPSK	1	1	22.85	23.02	22.52	19.8
Channel				372000	376500	381000	
Frequency (MHz)				1860	1882.5	1905	
20	QPSK	1	1	22.82	22.87	22.60	19.8
Channel				371500	376500	381500	
Frequency (MHz)				1857.5	1882.5	1907.5	
15	QPSK	1	1	22.81	22.89	22.65	19.8
Channel				371000	376500	382000	
Frequency (MHz)				1855	1882.5	1910	
10	QPSK	1	1	22.77	22.88	22.57	19.8
Channel				370500	376500	382500	
Frequency (MHz)				1852.5	1882.5	1912.5	
5	QPSK	1	1	22.78	22.92	22.63	19.8

n66 Ant 4_CID34							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	MPR (dB)
Channel				346000	349000	352000	
Frequency (MHz)				1720	1745	1760	
40	PI2 BPSK	1	1	17.60	17.89	17.62	
40	PI2 BPSK	1	108	17.58	17.42	17.48	18.7
40	PI2 BPSK	1	214	17.24	17.43	17.31	
40	PI2 BPSK	108	0	17.41	17.52	17.46	18.7
40	PI2 BPSK	108	54	17.46	17.71	17.45	18.7
40	PI2 BPSK	108	108	17.56	17.36	17.38	18.7
40	PI2 BPSK	216	0	17.45	17.84	17.50	
40	QPSK	1	1	17.82	18.04	17.94	
40	QPSK	1	108	17.64	17.47	17.52	18.7
40	QPSK	1	214	17.32	17.46	17.36	
40	QPSK	108	0	17.48	17.54	17.46	18.7
40	QPSK	108	54	17.56	17.84	17.56	18.7
40	QPSK	108	108	17.62	17.47	17.43	18.7
40	QPSK	216	0	17.53	17.73	17.58	
40	64QAM	1	1	17.67	17.44	17.45	18.7
40	64QAM	1	1	17.35	17.34	17.29	18.7
40	256QAM	1	1	17.47	17.48	17.39	18.7
Channel				345000	349000	352500	
Frequency (MHz)				1727.5	1745	1762.5	
30	QPSK	1	1	17.24	17.39	17.51	18.7
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	17.74	17.87	17.89	18.7
Channel				344500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	17.77	17.87	17.80	18.7
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	17.78	17.96	17.81	18.7
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	17.79	17.97	17.85	18.7
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	17.77	17.95	17.92	18.7
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	17.80	17.96	17.89	18.7

Reduced Power Mode for ECI3_Other Path

n2 Ant 4_CID37									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000	19.8	0.0	
Frequency (MHz)				1870	1880	1890			
40	PI2 BPSK	1	1	19.24	19.35	19.22	19.8	0.0	
40	PI2 BPSK	1	108	19.14	19.22	19.28			
40	PI2 BPSK	1	214	19.14	19.22	19.22			
40	PI2 BPSK	108	0	19.09	19.15	19.24	19.8	0.0	
40	PI2 BPSK	108	54	19.21	19.21	19.20	19.8	0.0	
40	PI2 BPSK	108	108	19.07	19.07	19.16	19.8	0.0	
40	PI2 BPSK	216	0	19.06	19.16	19.08	19.8	0.0	
40	QPSK	1	1	19.34	19.40	19.32			
40	QPSK	1	108	19.26	19.36	19.36			
40	QPSK	1	214	19.27	19.27	19.29	19.8	0.0	
40	QPSK	108	0	19.19	19.23	19.26	19.8	0.0	
40	QPSK	108	54	19.26	19.36	19.25	19.8	0.0	
40	QPSK	108	108	19.11	19.13	19.20	19.8	0.0	
40	QPSK	216	0	19.11	19.22	19.14			
40	16QAM	1	1	19.25	19.34	19.22		0.0	
40	64QAM	1	1	19.18	19.24	19.24	19.8	0.0	
40	256QAM	1	1	19.37	19.32	19.39	19.5	0.3	
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5	19.8	0.0	
35	QPSK	1	1	19.29	19.35	19.25		0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	19.8	0.0	
30	QPSK	1	1	19.36	19.34	19.25		0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	19.8	0.0	
25	QPSK	1	1	19.30	19.34	19.25		0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	19.8	0.0	
20	QPSK	1	1	19.31	19.35	19.25		0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	19.8	0.0	
15	QPSK	1	1	19.30	19.30	19.25		0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	19.8	0.0	
10	QPSK	1	1	19.27	19.32	19.26		0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	19.8	0.0	
5	QPSK	1	1	19.26	19.38	19.23		0.0	

n25 Ant 4_CID38									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000	19.8	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	19.21	19.30	19.17	19.8	0.0	
40	PI2 BPSK	1	108	19.09	19.16	19.19			
40	PI2 BPSK	1	214	19.04	19.14	19.12			
40	PI2 BPSK	108	0	19.02	19.08	19.11	19.8	0.0	
40	PI2 BPSK	108	54	19.15	19.15	19.04	19.8	0.0	
40	PI2 BPSK	108	108	19.05	19.02	19.08	19.8	0.0	
40	PI2 BPSK	216	0	19.00	19.04	19.06	19.8	0.0	
40	QPSK	1	1	19.15	19.33	19.23			
40	QPSK	1	108	19.22	19.29	19.30			
40	QPSK	1	214	19.16	19.20	19.21	19.8	0.0	
40	QPSK	108	0	19.06	19.19	19.20	19.8	0.0	
40	QPSK	108	54	19.16	19.21	19.17	19.8	0.0	
40	QPSK	108	108	19.07	19.04	19.10	19.8	0.0	
40	QPSK	216	0	19.05	19.11	19.04			
40	16QAM	1	1	19.12	19.30	19.16		0.0	
40	64QAM	1	1	19.12	19.18	19.18	19.8	0.0	
40	256QAM	1	1	19.09	19.30	19.09	19.5	0.3	
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5	19.8	0.0	
35	QPSK	1	1	22.72	22.89	22.66		0.0	
Channel				373000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900	19.8	0.0	
30	QPSK	1	1	22.79	22.85	22.67		0.0	
Channel				372500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5	19.8	0.0	
25	QPSK	1	1	22.83	22.81	22.72		0.0	
Channel				372000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905	19.8	0.0	
20	QPSK	1	1	22.89	22.99	22.68		0.0	
Channel				371500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5	19.8	0.0	
15	QPSK	1	1	22.81	22.99	22.54		0.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910	19.8	0.0	
10	QPSK	1	1	22.79	22.86	22.56		0.0	
Channel				370500	376000	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5	19.8	0.0	
5	QPSK	1	1	22.84	22.82	22.69		0.0	

n66 Ant 4_CID29								
BW (MHz)	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	18.7	0.0
Frequency (MHz)				1730	1745	1760		
40	PV2 BPSK	1	1	17.63	17.95	17.85	18.7	0.0
40	PV2 BPSK	1	108	17.82	17.51	17.52		
40	PV2 BPSK	1	214	17.33	17.46	17.35	18.7	0.0
40	PV2 BPSK	108	0	17.51	17.56	17.53		
40	PV2 BPSK	108	54	17.55	17.79	17.56	18.7	0.0
40	PV2 BPSK	108	108	17.58	17.45	17.44		
40	PV2 BPSK	216	0	17.36	17.69	17.57	18.7	0.0
40	QPSK	1	1	17.81	18.03	17.90		
40	QPSK	1	108	17.71	17.57	17.60	18.7	0.0
40	QPSK	1	214	17.42	17.51	17.41		
40	QPSK	108	0	17.56	17.59	17.55	18.7	0.0
40	QPSK	108	54	17.85	17.51	17.63		
40	QPSK	108	108	17.67	17.49	17.52	18.7	0.0
40	QPSK	216	0	17.59	17.76	17.65		
40	16QAM	1	1	17.89	17.49	17.51	18.7	0.0
40	64QAM	1	1	17.40	17.41	17.33		
40	256QAM	1	1	17.50	17.56	17.47	18.7	0.0
Channel				345000	349000	352000		
Frequency (MHz)				1727.5	1745	1762.5	18.7	0.0
30	QPSK	1	1	17.54	17.44	17.42		
Channel				345000	349000	353000	18.7	0.0
Frequency (MHz)				1725	1745	1764		
30	QPSK	1	1	17.59	17.43	17.42	18.7	0.0
Channel				344500	349000	353500		
Frequency (MHz)				1722.5	1745	1767.5	18.7	0.0
25	QPSK	1	1	17.54	17.44	17.49		
Channel				344000	349000	354000	18.7	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.56	17.43	17.44	18.7	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5	18.7	0.0
15	QPSK	1	1	17.53	17.46	17.45		
Channel				343000	349000	355000	18.7	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.55	17.45	17.50	18.7	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5	18.7	0.0
5	QPSK	1	1	17.58	17.46	17.46		

Reduced Power Mode for ECI6

n5 Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	MPR (dB)
Frequency (MHz)				834	836.5	839	
20	PI2 BPSK	1	1	23.25	23.31	23.23	
20	PI2 BPSK	1	53	23.11	23.30	23.22	24.0
20	PI2 BPSK	1	104	23.25	23.25	23.22	
20	PI2 BPSK	50	0	22.91	22.98	22.93	23.5
20	PI2 BPSK	50	28	23.12	23.28	23.28	24.0
20	PI2 BPSK	50	56	22.82	22.84	22.88	23.5
20	PI2 BPSK	100	0	22.83	22.98	22.82	
20	QPSK	1	1	23.28	23.32	23.26	
20	QPSK	1	53	23.30	23.31	23.09	24.0
20	QPSK	1	104	23.23	23.28	23.18	
20	QPSK	50	0	22.25	22.46	22.33	23.0
20	QPSK	50	28	23.27	23.30	23.28	24.0
20	QPSK	50	56	22.39	22.44	22.42	23.0
20	QPSK	100	0	22.46	22.47	22.34	
20	16QAM	1	1	22.06	22.06	21.90	23.0
20	64QAM	1	1	20.91	20.64	20.47	21.5
20	256QAM	1	1	19.27	19.29	19.16	19.5
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	MPR (dB)
15	QPSK	1	1	23.30	23.18	23.17	24.0
Channel				168600	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				836	836.5	844	MPR (dB)
10	QPSK	1	1	23.21	23.26	23.10	24.0
Channel				169300	167300	169500	Tune-up limit (dBm)
Frequency (MHz)				836.5	836.5	846.5	MPR (dB)
5	QPSK	1	1	23.08	23.15	23.07	24.0

n12 Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	MPR (dB)
Frequency (MHz)				706.5	707.5	708.5	
15	PI2 BPSK	1	1	23.12	23.14	23.16	
15	PI2 BPSK	1	40	23.02	23.11	23.11	24.0
15	PI2 BPSK	1	77	23.15	23.15	23.16	
15	PI2 BPSK	36	0	22.64	22.79	22.75	23.5
15	PI2 BPSK	36	22	22.97	23.09	23.07	24.0
15	PI2 BPSK	36	43	22.56	22.75	22.66	23.5
15	PI2 BPSK	75	0	22.62	22.77	22.76	
15	QPSK	1	1	23.15	23.16	23.12	
15	QPSK	1	40	23.09	23.15	23.03	24.0
15	QPSK	1	77	22.91	23.06	22.90	
15	QPSK	36	0	22.67	22.81	22.64	23.0
15	QPSK	36	22	23.11	23.17	23.15	24.0
15	QPSK	36	43	22.65	22.72	22.66	23.0
15	QPSK	75	0	22.69	22.79	22.69	
15	16QAM	1	1	21.77	21.93	21.74	23.0
15	64QAM	1	1	20.36	20.48	20.34	21.5
15	256QAM	1	1	19.91	19.12	19.09	19.5
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	MPR (dB)
10	QPSK	1	1	23.05	23.09	22.99	24.0
Channel				140700	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				703.5	707.5	713.5	MPR (dB)
5	QPSK	1	1	23.04	23.09	22.93	24.0

n14 Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mask Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				158600			MPR (dB)
Frequency (MHz)				793			
10	PI2 BPSK	1	1		23.26		
10	PI2 BPSK	1	26		23.25		24.0
10	PI2 BPSK	1	50		23.12		
10	PI2 BPSK	25	0		22.91		23.5
10	PI2 BPSK	25	14		23.17		24.0
10	PI2 BPSK	25	27		22.88		23.5
10	PI2 BPSK	50	0		22.83		
10	QPSK	1	1		23.28		
10	QPSK	1	26		23.24		24.0
10	QPSK	1	50		23.24		
10	QPSK	25	0		22.44		23.0
10	QPSK	25	14		23.21		24.0
10	QPSK	25	27		22.41		23.0
10	QPSK	50	0		22.39		
10	16QAM	1	1		22.00		23.0
10	64QAM	1	1		20.52		21.5
10	256QAM	1	1		19.18		19.5
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	MPR (dB)
5	QPSK	1	1	23.28	23.06	23.08	24.0

n26 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid-H Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				164300	166300	167800	24.0	0.0	
Frequency (MHz)				824	831.5	839			
20	PI/2 BPSK	1	1	23.06	23.26	23.07			
20	PI/2 BPSK	1	53	23.13	23.23	23.11			
20	PI/2 BPSK	1	104	23.30	23.30	23.31	23.5	0.5	
20	PI/2 BPSK	50	0	22.90	22.95	22.82			
20	PI/2 BPSK	50	28	23.09	23.28	23.14			
20	PI/2 BPSK	50	56	22.83	22.83	22.89			
20	PI/2 BPSK	100	0	22.88	22.92	22.93	24.0	0.0	
20	QPSK	1	1	23.29	23.30	23.31			
20	QPSK	1	53	23.20	23.30	23.23			
20	QPSK	1	104	23.17	23.23	23.24			
20	QPSK	50	0	22.36	22.41	22.41	23.0	1.0	
20	QPSK	50	28	23.22	23.23	23.21			
20	QPSK	50	56	22.38	22.42	22.30			
20	QPSK	100	0	22.37	22.41	22.20			
20	16QAM	1	1	21.87	22.08	22.00	23.0	1.0	
20	16QAM	1	1	20.60	20.65	20.60			
20	256QAM	1	1	19.10	19.26	19.12			
20	256QAM	1	1	19.10	19.26	19.12			
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.29	23.16	23.10			
Channel				163300	165300	166900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.29	23.11	23.12			
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.11	23.24	23.13			

n71 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid-H Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				136100	136100	136100	24.0	0.0	
Frequency (MHz)				680.5	680.5	680.5			
35	PI/2 BPSK	1	1		23.13				
35	PI/2 BPSK	1	94		23.08				
35	PI/2 BPSK	1	186		23.12		23.5	0.5	
35	PI/2 BPSK	94	0		22.73				
35	PI/2 BPSK	94	47		23.05				
35	PI/2 BPSK	94	94		22.71				
35	PI/2 BPSK	186	0		22.72		23.5	0.5	
35	QPSK	1	1		23.16				
35	QPSK	1	94		23.14				
35	QPSK	1	186		23.10				
35	QPSK	94	0		22.23		23.0	1.0	
35	QPSK	94	47		23.13				
35	QPSK	94	94		22.21				
35	QPSK	186	0		22.34				
35	16QAM	1	1		21.86		23.0	1.0	
35	16QAM	1	1		20.44				
35	256QAM	1	1		19.08				
35	256QAM	1	1		19.08				
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				678	680.5	683	24.0	0.0	
30	QPSK	1	1	23.12	22.95	23.09			
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				675.5	680.5	685.5	24.0	0.0	
25	QPSK	1	1	22.90	23.00	23.11			
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				673	680.5	688	24.0	0.0	
20	QPSK	1	1	22.90	23.14	22.97			
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5	24.0	0.0	
15	QPSK	1	1	23.10	22.98	22.91			
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	689	24.0	0.0	
10	QPSK	1	1	23.09	22.95	22.93			
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5	24.0	0.0	
5	QPSK	1	1	23.09	23.03	23.01			

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	P12 BPSK	1	1	23.05	23.12	23.03	24.0	0.0
40	P12 BPSK	1	108	23.04	23.20	23.12		
40	P12 BPSK	1	214	23.00	23.15	23.01		
40	P12 BPSK	108	0	22.73	22.83	22.83	23.5	0.5
40	P12 BPSK	108	54	23.00	23.21	23.04	24.0	0.0
40	P12 BPSK	108	108	22.99	22.79	22.74	23.5	0.5
40	P12 BPSK	216	0	22.81	22.83	22.81	24.0	0.0
40	QPSK	1	1	23.11	23.09	23.10		
40	QPSK	1	108	23.16	23.27	23.07		
40	QPSK	1	214	23.04	23.16	23.02	23.0	1.0
40	QPSK	108	0	22.15	22.32	22.33		
40	QPSK	108	54	23.23	23.24	23.22		
40	QPSK	108	108	22.11	22.18	22.14	23.0	1.0
40	QPSK	216	0	22.17	22.22	22.18	23.0	1.0
40	16QAM	1	1	21.87	21.88	21.78		
40	64QAM	1	1	20.37	20.46	20.25		
40	256QAM	1	1	19.01	19.08	19.09	19.5	4.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	23.10	23.19	23.00	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.91	23.21	23.07	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	23.02	23.21	22.92	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.03	23.11	22.99	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.03	23.13	22.95	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.09	23.16	23.10	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	23.08	23.20	23.05	24.0	0.0

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	P12 BPSK	1	1	20.85	20.81	20.76	22.0	0.0
50	P12 BPSK	1	135	20.69	20.77	20.68		
50	P12 BPSK	1	268	20.68	20.70	20.48		
50	P12 BPSK	135	0	20.75	20.86	20.70	22.0	0.0
50	P12 BPSK	135	68	20.60	20.77	20.68	22.0	0.0
50	P12 BPSK	135	135	20.59	20.74	20.59	22.0	0.0
50	P12 BPSK	270	0	20.67	20.69	20.68	22.0	0.0
50	QPSK	1	1	20.82	20.85	20.88		
50	QPSK	1	135	20.71	20.84	20.79		
50	QPSK	1	268	20.71	20.80	20.71	22.0	0.0
50	QPSK	135	0	20.53	20.61	20.50		
50	QPSK	135	68	20.70	20.62	20.76		
50	QPSK	135	135	20.54	20.65	20.49	22.0	0.0
50	QPSK	270	0	20.46	20.62	20.53	22.0	0.0
50	16QAM	1	1	20.50	20.67	20.57		
50	64QAM	1	1	20.43	20.52	20.34		
50	256QAM	1	1	19.02	19.12	18.93	19.5	2.5
Channel								
Frequency (MHz)								
40	QPSK	1	1	20.71	20.77	20.76	22.0	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	20.70	20.85	20.74	22.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.78	20.80	20.79	22.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	20.74	20.85	20.74	22.0	0.0
Channel								
Frequency (MHz)								
20	P12 BPSK	1	1	20.76	20.78	20.79	22.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	20.76	20.77	20.78	22.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	20.71	20.78	20.84	22.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	20.79	20.79	20.72	22.0	0.0

n25 Ant 1

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	P12 BPSK	1	1	22.96	23.13	23.07	24.0	0.0
40	P12 BPSK	1	108	23.27	23.26	23.10		
40	P12 BPSK	1	214	23.01	23.15	23.14		
40	P12 BPSK	108	0	22.85	22.85	22.85	23.5	0.5
40	P12 BPSK	108	54	23.13	23.31	23.25	24.0	0.0
40	P12 BPSK	108	108	22.68	22.78	22.72	23.5	0.5
40	P12 BPSK	216	0	22.83	22.84	22.88	24.0	0.0
40	QPSK	1	1	23.22	23.37	23.23		
40	QPSK	1	108	23.09	23.22	23.21		
40	QPSK	1	214	22.92	23.14	23.11	23.0	1.0
40	QPSK	108	0	22.27	22.36	22.19		
40	QPSK	108	54	23.33	23.36	23.34		
40	QPSK	108	108	22.13	22.26	22.20	23.0	1.0
40	QPSK	216	0	22.30	22.33	22.23	23.0	1.0
40	16QAM	1	1	21.85	21.86	21.86		
40	64QAM	1	1	20.36	20.44	20.36		
40	256QAM	1	1	19.03	19.04	18.93	19.5	4.5
Channel								
Frequency (MHz)								
35	QPSK	1	1	23.12	23.37	23.05	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	23.18	23.15	23.23	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	23.19	23.28	23.13	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	23.06	23.24	23.09	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	23.21	23.17	23.09	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	23.10	23.29	23.15	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	23.19	23.15	23.09	24.0	0.0

n30 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000				
Frequency (MHz)				2310				
10	PV2 BPSK	1	1		22.34		23.5	0.0
10	PV2 BPSK	1	26		22.32			
10	PV2 BPSK	1	50		22.29		23.5	0.0
10	PV2 BPSK	25	0		22.43		23.5	0.0
10	PV2 BPSK	25	14		22.28		23.5	0.0
10	PV2 BPSK	25	27		22.28		23.5	0.0
10	PV2 BPSK	50	0		22.21		23.5	0.0
10	QPSK	1	1		22.47		23.5	0.0
10	QPSK	1	26		22.37			
10	QPSK	1	50		22.36		23.0	0.5
10	QPSK	25	0		22.33			
10	QPSK	25	14		22.40		23.5	0.0
10	QPSK	25	27		22.29		23.0	0.5
10	QPSK	50	0		22.37		23.0	0.5
10	16QAM	1	1		21.98			
10	64QAM	1	1		20.55		23.5	0.5
10	256QAM	1	1		19.21		21.5	2.0
Channel				461500	462500	462000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	22.13	22.18	22.13	23.5	0.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000				
Frequency (MHz)				1730 1745 1760				
40	P12 BPSK	1	1	22.79	22.94	22.94	24.0	0.0
40	P12 BPSK	1	108	22.99	23.12	23.00		
40	P12 BPSK	1	214	22.80	23.09	22.98		
40	P12 BPSK	108	0	22.45	22.64	22.58	23.5	0.5
40	P12 BPSK	108	54	22.99	23.16	23.05	24.0	0.0
40	P12 BPSK	108	108	22.42	22.60	22.56	23.5	0.5
40	P12 BPSK	216	0	22.48	22.64	22.58		
40	QPSK	1	1	23.04	23.19	23.06	24.0	0.0
40	QPSK	1	108	22.98	23.04	22.97		
40	QPSK	1	214	22.77	22.89	22.80		
40	QPSK	108	0	21.98	22.18	22.13	23.0	1.0
40	QPSK	108	54	23.17	23.18	23.10	24.0	0.0
40	QPSK	108	108	22.15	22.11	22.11	23.0	1.0
40	QPSK	216	0	22.13	22.16	22.02		
40	16QAM	1	1	21.69	21.74	21.56		
40	64QAM	1	1	20.13	20.34	20.19	21.5	2.5
40	256QAM	1	1	18.78	18.97	18.78	19.5	4.5
Channel				345500	345500	345500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5		
35	QPSK	1	1	23.02	22.98	22.84	24.0	0.0
Channel				345000	345000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1762		
30	QPSK	1	1	22.13	23.02	22.88	24.0	0.0
Channel				344500	345000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	22.85	23.11	22.85	24.0	0.0
Channel				344000	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	22.86	23.13	22.84	24.0	0.0
Channel				343500	345000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	23.01	23.09	22.91	24.0	0.0
Channel				343000	345000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	22.88	23.07	22.92	24.0	0.0
Channel				342500	345000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	23.04	23.16	22.77	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.	Tune up limit (dBm)	MPR (dB)
Channel				340500				
Frequency (MHz)				1702.5				
15	PV2 BPSK	1	1		22.98		24.0	0.0
15	PV2 BPSK	1	40		23.08			
15	PV2 BPSK	1	77		22.97		23.5	0.5
15	PV2 BPSK	36	0		22.61		23.5	0.5
15	PV2 BPSK	36	22		23.12		24.0	0.0
15	PV2 BPSK	36	43		22.63		23.5	0.5
15	PV2 BPSK	75	0		22.68			
15	QPSK	1	1		23.15		24.0	0.0
15	QPSK	1	40		23.11			
15	QPSK	1	77		22.99		23.0	1.0
15	QPSK	36	0		22.12			
15	QPSK	36	22		23.13		24.0	0.0
15	QPSK	36	43		22.14		23.0	1.0
15	QPSK	75	0		22.16			
15	16QAM	1	1		21.83		23.0	1.0
15	64QAM	1	1		20.43		21.5	2.5
15	256QAM	1	1		19.04		19.5	4.5
Channel				340500	340500	341000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	23.03	23.11	23.04	24.0	0.0
Channel				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	23.00	23.11	22.95	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.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	22.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PV2 BPSK	1	1	20.95	20.95	20.80		
100	PV2 BPSK	1	137	20.75	20.78	20.68		
100	PV2 BPSK	1	271	20.78	20.81	20.63	22.0	0.0
100	PV2 BPSK	135	0	20.89	20.91	20.71		
100	PV2 BPSK	135	69	20.69	20.85	20.75		
100	PV2 BPSK	135	138	20.69	20.86	20.63		
100	PV2 BPSK	270	0	20.69	20.81	20.69	22.0	0.0
100	QPSK	1	1	20.96	21.00	20.94		
100	QPSK	1	137	20.81	20.90	20.85		
100	QPSK	1	271	20.87	20.98	20.82		
100	QPSK	135	0	20.51	20.84	20.58	22.0	0.0
100	QPSK	135	69	20.87	20.89	20.85	22.0	0.0
100	QPSK	135	138	20.59	20.72	20.67	22.0	0.0
100	QPSK	270	0	20.57	20.68	20.63	22.0	0.0
100	16QAM	1	1	20.65	20.76	20.69	22.0	0.0
100	64QAM	1	1	20.60	20.75	20.54	22.0	0.0
100	256QAM	1	1	20.64	20.77	20.65	22.0	0.0
Channel				509200	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	20.92	20.91	20.80	22.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.84	20.84	20.81	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	20.88	20.88	20.89	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	20.81	20.94	20.85	22.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.90	20.84	20.80	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	20.81	20.86	20.90	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	20.84	20.96	20.79	22.0	0.0
Channel				501702	518598	535500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.51	2592.99	2677.5		
20	QPSK	1	1	20.83	20.92	20.84	22.0	0.0
Channel				500700	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.87	20.84	20.87	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	20.85	20.96	20.88	22.0	0.0

n48 Part96 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				6000.00	641666	643332			
Frequency (MHz)				3000.00	3024.99	3043.98			
100	PI2 BPSK	1	1	16.95	16.89	16.80	18.0	0.0	
100	PI2 BPSK	1	137	16.80	16.76	16.69			
100	PI2 BPSK	1	271	16.77	16.76	16.59			
100	PI2 BPSK	135	0	16.87	16.93	16.79	18.0	0.0	
100	PI2 BPSK	135	69	16.75	16.88	16.71	18.0	0.0	
100	PI2 BPSK	135	138	16.67	16.81	16.71	18.0	0.0	
100	PI2 BPSK	270	0	16.73	16.84	16.72			
100	QPSK	1	1	16.93	17.04	16.95			
100	QPSK	1	137	16.77	16.88	16.91	18.0	0.0	
100	QPSK	1	271	16.78	16.93	16.82	18.0	0.0	
100	QPSK	135	0	16.62	16.62	16.66			
100	QPSK	135	69	16.86	16.88	16.85			
100	QPSK	135	138	16.65	16.74	16.84	18.0	0.0	
100	QPSK	270	0	16.57	16.76	16.58	18.0	0.0	
100	16QAM	1	1	16.64	16.76	16.66			
100	64QAM	1	1	16.64	16.78	16.58			
100	256QAM	1	1	16.66	16.82	16.82	18.0	0.0	
Channel				630668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055.02	3024.99	3054.99	18.0		
90	QPSK	1	1	16.86	16.93	16.86	18.0	0.0	
Channel				633334	641666	644333	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3090.01	3024.99	3060.00	18.0		
80	QPSK	1	1	16.81	16.91	16.82	18.0	0.0	
Channel				630000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3056.01	3024.99	3064.98	18.0		
70	QPSK	1	1	16.84	16.97	16.81	18.0	0.0	
Channel				630668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.02	3024.99	3069.99	18.0		
60	QPSK	1	1	16.83	16.99	16.84	18.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3072.01	3024.99	3074.99	18.0		
50	QPSK	1	1	16.84	16.92	16.81	18.0	0.0	
Channel				637634	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3067.51	3024.99	3062.50	18.0		
40	QPSK	1	1	16.79	16.97	16.80	18.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3066.62	3024.99	3064.99	18.0		
30	QPSK	1	1	16.82	17.00	16.86	18.0	0.0	
Channel				637234	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.01	3024.99	3060.00	18.0		
20	QPSK	1	1	16.79	16.89	16.90	18.0	0.0	
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3059.62	3024.99	3062.49	18.0		
15	QPSK	1	1	16.89	16.96	16.82	18.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055.01	3024.99	3064.98	18.0		
10	QPSK	1	1	16.87	16.92	16.79	18.0	0.0	

Part270 n77 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	660000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	16.30	16.29	16.21	17.5	0.0	
100	PI2 BPSK	1	137	16.16	16.10	16.08			
100	PI2 BPSK	1	271	16.11	16.20	15.96			
100	PI2 BPSK	135	0	16.26	16.31	16.08	17.5	0.0	
100	PI2 BPSK	135	69	16.02	16.20	16.04	17.5	0.0	
100	PI2 BPSK	135	138	16.07	16.19	16.03	17.5	0.0	
100	PI2 BPSK	270	0	16.02	16.19	16.04			
100	QPSK	1	1	16.33	16.36	16.30			
100	QPSK	1	137	16.13	16.29	16.22	17.5	0.0	
100	QPSK	1	271	16.11	16.34	16.20	17.5	0.0	
100	QPSK	135	0	15.97	16.05	15.91			
100	QPSK	135	69	16.15	16.31	16.17			
100	QPSK	135	138	16.02	16.06	15.98	17.5	0.0	
100	QPSK	270	0	15.91	16.08	15.91	17.5	0.0	
100	16QAM	1	1	16.01	16.14	16.01			
100	64QAM	1	1	16.01	16.12	15.93			
100	256QAM	1	1	15.97	16.16	15.92	17.5	0.0	
Channel				646668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.31	16.29	16.16	17.5	0.0	
Channel				645334	650000	652508	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.25	16.24	16.26	17.5	0.0	
Channel				649000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	16.26	16.29	16.23	17.5	0.0	
Channel				648668	650000	653334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.23	16.23	16.18	17.5	0.0	
Channel				648334	650000	653668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.22	16.25	16.16	17.5	0.0	
Channel				648000	650000	654000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.25	16.28	16.17	17.5	0.0	
Channel				647668	650000	654334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.02	3840	3965.01			
30	QPSK	1	1	16.23	16.22	16.17	17.5	0.0	
Channel				647500	650000	654500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	16.29	16.23	16.15	17.5	0.0	
Channel				647234	650000	654668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.29	16.25	16.16	17.5	0.0	
Channel				647168	650000	654834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	16.21	16.20	16.24	17.5	0.0	
Channel				647000	650000	655000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	16.29	16.23	16.23	17.5	0.0	

Part270Q n77 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				630000	633334				
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		16.21		17.5	0.0	
100	PI2 BPSK	1	137		16.12				
100	PI2 BPSK	1	271		16.03				
100	PI2 BPSK	135	0		16.18		17.5	0.0	
100	PI2 BPSK	135	69		16.04		17.5	0.0	
100	PI2 BPSK	135	138		16.07		17.5	0.0	
100	PI2 BPSK	270	0		16.10				
100	QPSK	1	1		16.20		17.5	0.0	
100	QPSK	1	137		16.26		17.5	0.0	
100	QPSK	1	271		16.22				
100	QPSK	135	0		15.97				
100	QPSK	135	69		15.98		17.5	0.0	
100	QPSK	135	138		15.98		17.5	0.0	
100	QPSK	270	0		15.94				
100	16QAM	1	1		16.01		17.5	0.0	
100	64QAM	1	1		15.85		17.5	0.0	
100	256QAM	1	1		16.02		17.5	0.0	
Channel				630000	633334	636668			
Frequency (MHz)				3495	3500.01	3505.02	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	16.15	16.24	16.28	17.5	0.0	
Channel				630000	633334	634000			
Frequency (MHz)				3495.02	3500.1	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	16.21	16.22	16.25	17.5	0.0	
Channel				630000	633334	633334			
Frequency (MHz)				3485.01	3500.01	3515.01	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	16.17	16.18	16.28	17.5	0.0	
Channel				630000	633334	634668			
Frequency (MHz)				3480	3500.1	3520.02	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	16.15	16.21	16.24	17.5	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	16.19	16.23	16.21	17.5	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.1	3530.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	16.12	16.16	16.22	17.5	0.0	
Channel				631100	633334	635500			
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.21	16.19	16.20	17.5	0.0	
Channel				630634	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	16.19	16.21	16.24	17.5	0.0	
Channel				630668	633334	635934			
Frequency (MHz)				3460.02	3500.1	3540	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.18	16.22	16.25	17.5	0.0	
Channel				630500	633334	636168			
Frequency (MHz)				3457.5	3500.1	3542.62	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.12	16.26	16.27	17.5	0.0	
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.19	16.22	16.22	17.5	0.0	

Part270 n78 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		16.22				
100	PI2 BPSK	1	137		16.12		17.5	0.0	
100	PI2 BPSK	1	271		16.15				
100	PI2 BPSK	135	0		16.27		17.5	0.0	
100	PI2 BPSK	135	69		16.16		17.5	0.0	
100	PI2 BPSK	135	138		16.19				
100	PI2 BPSK	270	0		16.19		17.5	0.0	
100	QPSK	1	1		16.35				
100	QPSK	1	137		16.32		17.5	0.0	
100	QPSK	1	271		16.31				
100	QPSK	135	0		16.04		17.5	0.0	
100	QPSK	135	69		16.27		17.5	0.0	
100	QPSK	135	138		16.10		17.5	0.0	
100	QPSK	270	0		16.07				
100	16QAM	1	1		16.06		17.5	0.0	
100	64QAM	1	1		16.04		17.5	0.0	
100	256QAM	1	1		16.08		17.5	0.0	
Channel				649696	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.16	16.18	16.26	17.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.16	16.18	16.30	17.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.21	16.20	16.30	17.5	0.0
Channel				648666	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.15	16.27	16.27	17.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.10	16.20	16.34	17.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.14	16.17	16.25	17.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3718.02	3750	3786.01			
30	QPSK	1	1		16.20	16.17	16.32	17.5	0.0
Channel				647330	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		16.12	16.20	16.33	17.5	0.0
Channel				647004	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.00			
20	QPSK	1	1		16.19	16.26	16.32	17.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		16.11	16.20	16.24	17.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		16.12	16.26	16.29	17.5	0.0

Part27Q n78 PC3/PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		16.25				
100	PI2 BPSK	1	137		16.08		17.5	0.0	
100	PI2 BPSK	1	271		16.10				
100	PI2 BPSK	135	0		16.27		17.5	0.0	
100	PI2 BPSK	135	69		16.17		17.5	0.0	
100	PI2 BPSK	135	138		16.11				
100	PI2 BPSK	270	0		16.15		17.5	0.0	
100	QPSK	1	1		16.34				
100	QPSK	1	137		16.25		17.5	0.0	
100	QPSK	1	271		16.29				
100	QPSK	135	0		15.94		17.5	0.0	
100	QPSK	135	69		16.27		17.5	0.0	
100	QPSK	135	138		16.01		17.5	0.0	
100	QPSK	270	0		15.97				
100	16QAM	1	1		16.11		17.5	0.0	
100	64QAM	1	1		16.07		17.5	0.0	
100	256QAM	1	1		16.02		17.5	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		16.17	16.15	16.14	17.5	0.0
Channel				632666	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		16.09	16.21	16.15	17.5	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.13	16.23	16.10	17.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.15	16.14	16.22	17.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.18	16.15	16.21	17.5	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.09	16.16	16.12	17.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.09	16.20	16.11	17.5	0.0
Channel				630664	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.13	16.17	16.22	17.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.00	3500.01	3540			
20	QPSK	1	1		16.09	16.24	16.20	17.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		16.08	16.19	16.11	17.5	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		16.09	16.19	16.19	17.5	0.0

n2 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	QPSK rate
Channel									
Frequency (MHz)				16.5	16.5	16.5	16.5		
40	PUS-BSMA	1	1	16.28	16.37	16.46	16.55		
40	PUS-BSMA	1	104	16.07	16.06	16.05	16.0	0.0	
40	PUS-BSMA	1	204	16.05	16.12	16.05	16.0		
40	PUS-BSMA	104	0	17.09	17.09	17.09	16.0	0.0	
40	PUS-BSMA	104	54	16.14	16.20	16.15	16.0	0.0	
40	PUS-BSMA	104	104	16.05	16.04	16.05	16.0	0.0	
40	PUS-BSMA	204	0	16.13	16.05	16.05	16.0		
40	QPSK	1	1	16.29	16.31	16.05	16.0		
40	QPSK	1	104	16.15	16.21	16.25	16.0	0.0	
40	QPSK	1	204	16.14	16.26	16.05	16.0		
40	QPSK	104	0	17.02	16.08	16.05	16.0	0.0	
40	QPSK	104	54	16.16	16.25	16.15	16.0	0.0	
40	QPSK	104	104	17.00	17.02	17.00	16.0	0.0	
40	QPSK	204	0	17.02	16.06	16.05	16.0		
40	QPSK	1	1	16.05	16.12	16.05	16.0	0.0	
40	QPSK	1	1	17.07	16.07	17.07	16.0	0.0	
40	QPSK	1	1	16.14	16.20	16.05	16.0	0.0	
Channel									
Frequency (MHz)				37.000	37.000	37.000	Turnup, level down	QPSK	
10	QPSK	1	1	16.15	16.14	16.05	16.0	0.0	
Channel									
Frequency (MHz)				37.000	37.000	37.000	Turnup, level down	QPSK	
30	QPSK	1	1	16.24	16.16	17.00	16.0	0.0	
30	QPSK	1	1	16.24	16.16	17.00	16.0	0.0	
Channel									
Frequency (MHz)				37.000	37.000	37.000	Turnup, level down	QPSK	
20	QPSK	1	1	16.16	16.16	16.07	16.0	0.0	
Channel									
Frequency (MHz)				16.05	16.05	16.05	Turnup, level down	QPSK	
20	QPSK	1	1	16.27	16.17	17.00	16.0	0.0	
Channel									
Frequency (MHz)				16.05	16.16	16.05	Turnup, level down	QPSK	
10	QPSK	1	1	16.28	16.16	17.00	16.0	0.0	
Channel									
Frequency (MHz)				37.000	37.000	37.000	Turnup, level down	QPSK	
10	QPSK	1	1	16.26	16.15	16.05	16.0	0.0	
Channel									
Frequency (MHz)				37.000	37.000	37.000	Turnup, level down	QPSK	
5	QPSK	1	1	16.22	16.21	17.00	16.0	0.0	

n5 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	QPSK rate
Channel									
Frequency (MHz)				16.4	16.5	16.5	16.5		
20	PUS-BSMA	1	1	17.28	17.16	17.16	17.16		
20	PUS-BSMA	1	55	17.07	17.11	17.17	17.0	0.0	
20	PUS-BSMA	1	104	17.05	17.07	17.17	17.0		
20	PUS-BSMA	55	0	17.05	17.00	17.07	17.0	0.0	
20	PUS-BSMA	104	36	17.10	17.11	17.05	17.0	0.0	
20	PUS-BSMA	104	86	17.01	17.01	17.05	17.0	0.0	
20	PUS-BSMA	104	136	17.17	17.08	17.05	17.0	0.0	
20	QPSK	1	1	17.05	17.06	17.05	17.0	0.0	
20	QPSK	1	55	17.17	17.05	17.17	17.0	0.0	
20	QPSK	1	104	17.13	17.12	17.05	17.0		
20	QPSK	104	0	17.02	17.11	17.07	17.0	0.0	
20	QPSK	104	55	17.05	17.12	17.05	17.0	0.0	
20	QPSK	104	104	17.00	17.01	17.05	17.0	0.0	
20	QPSK	104	154	17.17	17.02	17.05	17.0	0.0	
20	QPSK	104	204	17.05	17.05	17.05	17.0	0.0	
20	QPSK	204	0	17.02	17.04	17.05	17.0	0.0	
20	QPSK	1	1	17.17	17.06	17.05	17.0	0.0	
20	QPSK	1	1	16.45	16.09	16.54	16.5	2.5	
20	QPSK	1	1	17.05	17.07	17.17	17.0	0.0	
Channel									
Frequency (MHz)				16.4	16.5	16.5	16.5		
10	QPSK	1	1	17.05	17.04	17.05	17.0	0.0	
Channel									
Frequency (MHz)				16.500	16.500	16.500	Turnup, level down	QPSK	
10	QPSK	1	1	16.24	16.16	17.00	16.0	0.0	
10	QPSK	1	1	16.24	16.16	17.00	16.0	0.0	
Channel									
Frequency (MHz)				16.500	16.500	16.500	Turnup, level down	QPSK	
5	QPSK	1	1	16.19	16.17	16.07	16.0	0.0	

n12 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup and down	QPSK rate
Channel									
Frequency (MHz)				16.5	16.5	16.5	16.5		
10	PUS-BSMA	1	1	17.08	17.16	17.16	17.16		
10	PUS-BSMA	1	46	17.03	17.08	17.05	17.0	0.0	
10	PUS-BSMA	1	77	17.01	17.08	17.05	17.0	0.0	
10	PUS-BSMA	46	0	17.19	17.08	17.05	17.0	0.0	
10	PUS-BSMA	100	22	17.01	17.15	17.04	17.0	0.0	
10	PUS-BSMA	100	42	17.02	17.04	17.05	17.0	0.0	
10	PUS-BSMA	100	62	17.15	17.11	17.05	17.0	0.0	
10	QPSK	1	1	17.01	17.04	17.05	17.0	0.0	
10	QPSK	1	46	17.11	17.08	17.05	17.0	0.0	
10	QPSK	1	77	17.19	17.12	17.05	17.0	0.0	
10	QPSK	100	0	17.06	17.14	17.05	17.0	0.0	
10	QPSK	100	22	17.14	17.12	17.05	17.0	0.0	
10	QPSK	100	42	17.11	17.06	17.05	17.0	0.0	
10	QPSK	100	62	17.06	17.05	17.05	17.0	0.0	
10	QPSK	200	0	17.06	17.05	17.05	17.0	0.0	
10	QPSK	1	1	17.05	17.06	17.05	17.0	0.0	
10	QPSK	1	1	16.35	16.06	16.52	16.5	2.5	
10	QPSK	1	1	17.01	17.02	17.05	17.0	0.0	
Channel									
Frequency (MHz)				16.5	16.5	16.5	16.5		
10	QPSK	1	1	17.07	17.17	17.05	17.0	0.0	
Channel									
Frequency (MHz)				16.500	16.500	16.500	Turnup, level down	QPSK	
5	QPSK	1	1	16.06	16.05	16.05	16.0	0.0	

n14 Ant 4											
BID (MHz)	Modulation	RF Com	RF Offset	Power Low Ch / Freq	Power Highb Ch / Freq	Power Highb Ch / Freq	Turn-up Incl (dBm)	MTR (dB)			
Channel											
Frequency (MHz)											
10	Full BPSK	1	1	23.15	23.15	23.15	24.0	0.0			
10	Full BPSK	1	26	23.32	23.32	23.32	24.0	0.0			
10	Full BPSK	1	50	23.32	23.32	23.32	23.5	0.5			
10	Full BPSK	20	0	23.24	23.24	23.24	23.5	0.5			
10	Full BPSK	20	14	23.23	23.23	23.23	24.0	0.0			
10	Full BPSK	20	27	23.18	23.18	23.18	23.5	0.5			
10	Full BPSK	20	0	23.07	23.07	23.07	23.5	0.5			
10	QPSK	1	1	23.48	23.48	23.48	24.0	0.0			
10	QPSK	1	26	23.17	23.17	23.17	24.0	0.0			
10	QPSK	1	50	23.21	23.21	23.21	24.0	0.0			
10	QPSK	20	0	23.38	23.38	23.38	23.0	1.0			
10	QPSK	20	14	23.17	23.17	23.17	24.0	0.0			
10	QPSK	20	27	23.26	23.26	23.26	23.0	1.0			
10	QPSK	20	0	23.05	23.05	23.05	23.0	1.0			
10	QPSK	1	1	23.02	23.02	23.02	23.5	2.5			
10	QPSK	1	1	23.02	23.02	23.02	23.5	2.5			
10	QPSK	1	1	23.10	23.10	23.10	23.5	4.5			
Channel											
Frequency (MHz)											
5	QPSK	1	1	23.47	23.34	23.35	24.0	0.0			

n25 Ant 4									
BID (MHz)	Modulation	RF Com	RF Offset	Power Low Ch / Freq	Power Highb Ch / Freq	Power Highb Ch / Freq	Turnup Incl (dBm)	MTR (dB)	
Channel									
Frequency (MHz)									
40	Full BPSK	1	1	17.30	17.38	17.38	16.5	0.0	
40	Full BPSK	104	104	17.13	17.14	17.14	16.5	0.0	
40	Full BPSK	214	214	17.11	17.16	17.16	16.5	0.0	
40	Full BPSK	300	0	17.02	17.11	17.02	16.5	0.0	
40	Full BPSK	300	54	17.10	17.16	17.16	16.5	0.0	
40	Full BPSK	300	100	17.05	17.16	17.16	16.5	0.0	
40	QPSK	1	1	17.30	17.40	17.40	16.5	0.0	
40	QPSK	1	104	17.15	17.20	17.20	16.5	0.0	
40	QPSK	1	214	17.23	17.32	17.32	16.5	0.0	
40	QPSK	300	0	16.92	17.10	17.10	16.5	0.0	
40	QPSK	300	54	17.24	17.27	17.15	16.5	0.0	
40	QPSK	300	100	16.97	17.16	17.06	16.5	0.0	
40	QPSK	300	0	17.02	17.04	16.96	16.5	0.0	
40	QPSK	1	1	17.05	17.16	17.07	16.5	0.0	
40	QPSK	1	1	17.00	17.09	16.98	16.5	0.0	
40	QPSK	1	1	16.91	16.90	16.71	17.5	1.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	17.15	17.24	17.24	16.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.26	17.30	17.30	16.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	17.24	17.30	17.30	16.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.27	17.31	17.31	16.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.27	17.28	17.28	16.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.28	17.29	17.29	16.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	17.17	17.16	16.94	16.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	17.17	17.15	16.94	16.5	0.0	

n26 Ant 4									
BID (MHz)	Modulation	RF Com	RF Offset	Power Low Ch / Freq	Power Highb Ch / Freq	Power Highb Ch / Freq	Turnup Incl (dBm)		
Channel									
Frequency (MHz)									
20	Full BPSK	1	1	23.07	23.16	23.16	24.0	0.0	
20	Full BPSK	1	35	23.11	23.36	23.37	24.0	0.0	
20	Full BPSK	1	104	23.21	23.41	23.45	23.5	0.5	
20	Full BPSK	30	0	23.02	23.15	23.07	23.5	0.5	
20	Full BPSK	30	36	23.14	23.44	23.17	24.0	0.0	
20	Full BPSK	30	30	23.06	23.08	23.05	23.5	0.5	
20	Full BPSK	30	0	23.15	23.09	23.02	23.5	0.5	
20	QPSK	1	1	23.31	23.49	23.32	24.0	0.0	
20	QPSK	1	35	23.25	23.35	23.28	24.0	0.0	
20	QPSK	1	104	23.24	23.27	23.28	24.0	0.0	
20	QPSK	30	0	23.41	23.43	23.40	23.0	1.0	
20	QPSK	30	36	23.21	23.35	23.37	24.0	0.0	
20	QPSK	30	30	23.00	23.43	23.27	23.0	1.0	
20	QPSK	30	0	23.29	23.31	23.29	23.0	1.0	
20	QPSK	1	1	23.15	23.25	23.05	23.0	1.0	
20	QPSK	1	1	23.00	23.05	23.05	23.5	2.5	
20	QPSK	1	1	23.12	23.24	23.20	23.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.15	23.45	23.45	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.44	23.36	23.30	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.25	23.32	23.34	24.0	0.0	

n66 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. (F/MHz)	Power Ch. (F/MHz)	Power High Ch. (F/MHz)	Transmit Ref. (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				1700	1745	1760			
40	PR4 BPSK	1	1	16.17	16.26	16.28			
40	PR4 BPSK	1	166	16.24	16.47	16.59	19.5	0.0	
40	PR4 BPSK	1	214	16.24	16.26	16.15			
40	PR4 BPSK	166	5	16.53	16.50	16.53	19.5	0.0	
40	PR4 BPSK	166	54	16.53	16.51	16.41	19.5	0.0	
40	PR4 BPSK	166	100	16.53	16.46	16.28	19.5	0.0	
40	PR4 BPSK	200	5	16.57	16.54	16.53			
40	QPSK	1	1	16.66	16.68	16.64			
40	QPSK	1	166	16.50	16.45	16.40	19.5	0.0	
40	QPSK	1	214	16.33	16.26	16.09			
40	QPSK	166	5	16.40	16.41	16.36	19.5	0.0	
40	QPSK	166	54	16.40	16.52	16.50	19.5	0.0	
40	QPSK	166	100	16.31	16.26	16.01	19.5	0.0	
40	QPSK	200	5	16.54	16.46	16.41			
40	HCAM	1	1	16.55	16.11	16.53	19.5	0.0	
40	HCAM	1	1	16.34	16.26	16.19	19.5	0.0	
40	HCAM	1	1	16.06	16.02	16.00	17.5	0.0	
Channel									
Frequency (MHz)				34000	34600	35200	Transmit Ref. (dBm)	MPE (dB)	
50	QPSK	1	1	16.55	16.50	16.52			
50	QPSK	1	1	16.55	16.57	16.55	19.5	0.0	
Channel									
Frequency (MHz)				34000	34600	35200	Transmit Ref. (dBm)	MPE (dB)	
50	QPSK	1	1	16.54	16.58	16.57	19.5	0.0	
50	QPSK	1	1	16.54	16.50	16.50			
50	QPSK	1	1	16.54	16.50	16.57	19.5	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1770			
20	QPSK	1	1	16.53	16.54	16.55	19.5	0.0	
Channel									
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	16.57	16.44	16.40	19.5	0.0	
Channel									
Frequency (MHz)				34000	34600	35200	Transmit Ref. (dBm)	MPE (dB)	
10	QPSK	1	1	16.53	16.53	16.53	19.5	0.0	
Channel									
Frequency (MHz)				34000	34600	35200	Transmit Ref. (dBm)	MPE (dB)	
5	QPSK	1	1	16.59	16.50	16.54	19.5	0.0	

n70 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. (F/MHz)	Power Ch. (F/MHz)	Power High Ch. (F/MHz)	Transmit Ref. (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				1745					
10	PR4 BPSK	1	1		17.26				
15	PR4 BPSK	1	40		17.67		21.5	0.0	
15	PR4 BPSK	1	77		17.46				
15	PR4 BPSK	36	5		17.03		21.5	0.0	
15	PR4 BPSK	36	22		17.61		21.5	0.0	
15	PR4 BPSK	36	43		17.50		21.5	0.0	
15	PR4 BPSK	12	5		17.00		21.5	0.0	
15	QPSK	1	1		17.73				
15	QPSK	1	40		17.61		21.5	0.0	
15	QPSK	1	77		17.36				
15	QPSK	36	5		17.13		21.5	0.0	
15	QPSK	36	22		17.57		21.5	0.0	
15	QPSK	36	43		17.66		21.5	0.0	
15	QPSK	12	5		17.00				
15	HCAM	1	1		17.75		21.5	0.0	
15	HCAM	1	1		16.31		19.5	2.0	
15	HCAM	1	1		17.45		17.5	4.0	
Channel									
Frequency (MHz)				1745	1745.5	1746			
10	QPSK	1	1	1	20.37	20.45	20.55	21.5	0.0
Channel									
Frequency (MHz)				34000	34600	34800	Transmit Ref. (dBm)	MPE (dB)	
5	QPSK	1	1	1	20.38	20.40	20.41	21.5	0.0

n71 Ant 4									
Set (MHz)	Modulation	RB Size	FDD Offset	Power Line Ch. (F/MHz)	Power Ch. (F/MHz)	Power High Ch. (F/MHz)	Transmit Ref. (dBm)	MPE (dB)	
Channel									
Frequency (MHz)				186.5	186.5	186.5			
30	PR4 BPSK	1	1		19.29				
35	PR4 BPSK	1	34		19.26		24.0	0.0	
35	PR4 BPSK	1	160		19.18				
35	PR4 BPSK	34	5		19.05		23.5	0.0	
35	PR4 BPSK	34	47		19.26		24.0	0.0	
35	PR4 BPSK	34	94		19.09		23.5	0.0	
35	PR4 BPSK	166	5		19.73		23.5	0.0	
35	QPSK	1	1		19.33				
35	QPSK	1	34		19.20		24.0	0.0	
35	QPSK	1	166		19.24				
35	QPSK	34	5		19.21		23.5	1.0	
35	QPSK	34	47		19.22		24.0	0.0	
35	QPSK	34	94		19.35		23.0	1.0	
35	QPSK	166	5		19.50				
35	HCAM	1	1		19.05		23.0	1.0	
35	HCAM	1	1		18.90		21.5	2.0	
35	HCAM	1	1		19.00		19.5	4.0	
Channel									
Frequency (MHz)				186.0	186.00	186.00	Transmit Ref. (dBm)	MPE (dB)	
30	QPSK	1	1	1	23.25	23.14	23.12	24.0	0.0
Channel									
Frequency (MHz)				186.00	186.00	187.00	Transmit Ref. (dBm)	MPE (dB)	
30	QPSK	1	1	1	23.09	23.20	23.19	24.0	0.0
Channel									
Frequency (MHz)				186.00	186.00	187.00	Transmit Ref. (dBm)	MPE (dB)	
20	QPSK	1	1	1	23.14	23.25	23.12	24.0	0.0
Channel									
Frequency (MHz)				186.5	186.5	186.5			
15	QPSK	1	1	1	23.16	23.19	23.25	24.0	0.0
Channel									
Frequency (MHz)				186.5	186.5	186.5			
10	QPSK	1	1	1	23.28	23.16	23.19	24.0	0.0
Channel									
Frequency (MHz)				186.5	186.5	186.5			
5	QPSK	1	1	1	23.23	23.10	23.10	24.0	0.0

n41 Ant 4									
BW (MHz)	Modulation	RB Com	SB Offset	Lower Ch. F (MHz)	Upper Ch. F (MHz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	MPE (dB)
Channel									
Frequency (MHz)				2048.00	2048.00	dBm/Hz			
100	PSS-BPSK	1	1	18.78	18.83	18.75			
100	PSS-BPSK	1	139	18.75	18.83	18.82	20.0	0.0	
100	PSS-BPSK	1	271	18.83	18.83	18.83			
100	PSS-BPSK	36	3	18.79	18.74	18.70	20.0	0.0	
100	PSS-BPSK	120	66	18.81	18.82	18.80	20.0	0.0	
100	PSS-BPSK	120	138	18.84	18.84	18.84	20.0	0.0	
100	PSS-BPSK	206	2	18.76	18.80	18.80			
100	QPSK	1	1	18.80	18.88	18.82	20.0	0.0	
100	QPSK	1	139	18.80	18.81	18.80			
100	QPSK	1	271	18.89	18.82	18.80			
100	QPSK	120	6	18.84	18.74	18.80	20.0	0.0	
100	QPSK	120	66	18.75	18.80	18.77	20.0	0.0	
100	QPSK	120	138	18.79	18.84	18.80	20.0	0.0	
100	QPSK	206	3	18.88	18.84	18.86			
100	WCDMA	1	1	18.78	18.86	18.81	20.0	0.0	
100	WCDMA	1	1	18.80	18.82	18.80	20.0	0.0	
100	WCDMA	1	1	18.83	18.81	18.81	18.5	1.5	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
90	QPSK	1	1	18.85	18.86	18.87	20.0	0.0	
Channel									
Frequency (MHz)				5020.04	5020.00	dBm/Hz			
90	QPSK	1	1	18.86	18.84	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
70	QPSK	1	1	18.89	18.86	18.87	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
50	QPSK	1	1	18.79	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
30	QPSK	1	1	18.72	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
40	QPSK	1	1	18.87	18.86	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
30	QPSK	1	1	18.84	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.04	5020.00	dBm/Hz			
20	QPSK	1	1	18.81	18.84	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
15	QPSK	1	1	18.76	18.80	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
10	QPSK	1	1	18.82	18.80	18.80	20.0	0.0	

n41 PC2 Ant 4									
BW (MHz)	Modulation	RB Com	SB Offset	Lower Ch. F (MHz)	Upper Ch. F (MHz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	MPE (dB)
Channel									
Frequency (MHz)				2048.00	2048.00	dBm/Hz			
100	PSS-BPSK	1	1	18.78	18.83	18.75			
100	PSS-BPSK	1	139	18.75	18.83	18.82	20.0	0.0	
100	PSS-BPSK	1	271	18.83	18.83	18.83			
100	PSS-BPSK	36	3	18.79	18.74	18.70	20.0	0.0	
100	PSS-BPSK	120	66	18.81	18.82	18.80	20.0	0.0	
100	PSS-BPSK	120	138	18.84	18.84	18.84	20.0	0.0	
100	PSS-BPSK	206	2	18.76	18.80	18.80			
100	QPSK	1	1	18.76	18.77	18.76			
100	QPSK	1	139	18.80	18.82	18.80	20.0	0.0	
100	QPSK	1	271	18.84	18.82	18.80			
100	QPSK	120	6	18.81	18.80	18.80	20.0	0.0	
100	QPSK	120	66	18.87	18.80	18.80	20.0	0.0	
100	QPSK	120	138	18.82	18.88	18.80	20.0	0.0	
100	QPSK	206	3	18.88	18.84	18.86			
100	WCDMA	1	1	18.78	18.84	18.81	20.0	0.0	
100	WCDMA	1	1	18.80	18.86	18.80	20.0	0.0	
100	WCDMA	1	1	18.84	18.76	18.80	18.5	1.5	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
90	QPSK	1	1	18.85	18.86	18.87	20.0	0.0	
Channel									
Frequency (MHz)				5020.04	5020.00	dBm/Hz			
90	QPSK	1	1	18.86	18.87	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
70	QPSK	1	1	18.89	18.86	18.87	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
50	QPSK	1	1	18.80	18.81	18.84	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
30	QPSK	1	1	18.86	18.81	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
40	QPSK	1	1	18.87	18.84	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
30	QPSK	1	1	18.80	18.82	18.78	20.0	0.0	
Channel									
Frequency (MHz)				5020.04	5020.00	dBm/Hz			
20	QPSK	1	1	18.82	18.86	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
15	QPSK	1	1	18.86	18.80	18.80	20.0	0.0	
Channel									
Frequency (MHz)				5020.00	5020.00	dBm/Hz			
10	QPSK	1	1	18.89	18.83	18.80	20.0	0.0	

n48 Part96 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	641666	643332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	17.29	17.28	17.25			
100	PI2 BPSK	1	137	16.93	17.21	17.00	18.0	0.0	
100	PI2 BPSK	1	271	16.65	16.63	16.67			
100	PI2 BPSK	135	0	16.35	16.28	16.15	17.5	0.5	
100	PI2 BPSK	135	69	17.15	17.19	17.07	18.0	0.0	
100	PI2 BPSK	135	138	16.62	16.69	16.62			
100	PI2 BPSK	270	0	16.07	16.15	16.09	17.5	0.5	
100	QPSK	1	1	17.41	17.43	17.36			
100	QPSK	1	137	17.13	17.34	17.17	18.0	0.0	
100	QPSK	1	271	16.74	16.79	16.59			
100	QPSK	135	0	16.45	16.45	16.26	17.0	1.0	
100	QPSK	135	69	17.36	17.37	17.25	18.0	0.0	
100	QPSK	135	138	16.13	16.19	16.14	17.0	1.0	
100	QPSK	270	0	16.23	16.31	16.19			
100	ISAM	1	1	16.16	16.14	16.06	17.0	1.0	
100	ISAM	1	1	14.64	14.65	14.64	15.5	2.5	
100	256QAM	1	1	13.25	13.28	13.12	13.5	4.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3595.02	3624.99	3654.99			
90	QPSK	1	1	17.21	17.41	17.18	18.0	0.0	
Channel				635334	641666	644000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3590.01	3624.99	3660			
80	QPSK	1	1	17.40	17.34	17.30	18.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3585	3624.99	3664.98			
70	QPSK	1	1	17.27	17.42	17.16	18.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3580.02	3624.99	3669.99			
60	QPSK	1	1	17.38	17.24	17.34	18.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3575.01	3624.99	3675			
50	QPSK	1	1	17.23	17.27	17.19	18.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3570	3624.99	3679.98			
40	QPSK	1	1	17.39	17.28	17.34	18.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3566.02	3624.99	3684.99			
30	QPSK	1	1	17.32	17.23	17.14	18.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3560.01	3624.99	3690			
20	QPSK	1	1	17.33	17.37	17.28	18.0	0.0	
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3559.63	3624.99	3692.49			
15	QPSK	1	1	17.30	17.39	17.27	18.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3555	3624.99	3694.98			
10	QPSK	1	1	17.36	17.34	17.27	18.0	0.0	

Part270 n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	16.26	16.53	16.10			
100	PI2 BPSK	1	137	16.27	16.52	16.16	18.0	0.0	
100	PI2 BPSK	1	271	16.22	16.60	16.09			
100	PI2 BPSK	135	0	16.25	16.57	16.11	18.0	0.0	
100	PI2 BPSK	135	69	16.20	16.46	16.14	18.0	0.0	
100	PI2 BPSK	135	138	16.15	16.51	16.19			
100	PI2 BPSK	270	0	16.17	16.50	16.06	18.0	0.0	
100	QPSK	1	1	16.29	16.64	16.16			
100	QPSK	1	137	16.27	16.50	16.16	18.0	0.0	
100	QPSK	1	271	16.22	16.47	16.06			
100	QPSK	135	0	16.07	16.48	16.07	18.0	0.0	
100	QPSK	135	69	16.16	16.51	16.16	18.0	0.0	
100	QPSK	135	138	16.29	16.48	16.15	18.0	0.0	
100	QPSK	270	0	16.08	16.43	16.08			
100	16QAM	1	1	16.25	16.54	16.08	18.0	0.0	
100	64QAM	1	1	16.22	16.49	16.15	18.0	0.0	
100	256QAM	1	1	14.70	15.19	14.69	16.5	1.5	
Channel				646668	656000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	16.46	16.08	16.07	18.0	0.0	
Channel				643334	656000	662666	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.47	16.10	16.18	18.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	16.43	16.22	16.09	18.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.51	16.15	16.11	18.0	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	16.59	16.17	16.07	18.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.50	16.20	16.08	18.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3716.02	3840	3965.01			
30	QPSK	1	1	16.52	16.16	16.17	18.0	0.0	
Channel				647300	656000	664500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	16.44	16.14	16.04	18.0	0.0	
Channel				647234	656000	664668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.63	16.30	16.14	18.0	0.0	
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	16.62	16.15	16.12	18.0	0.0	
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	16.62	16.08	16.21	18.0	0.0	

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.22	19.36	19.10			
100	PI2 BPSK	1	137	19.21	19.44	19.12	21.0	0.0	
100	PI2 BPSK	1	271	19.22	19.52	19.06			
100	PI2 BPSK	135	0	18.78	18.99	18.52	20.5	0.5	
100	PI2 BPSK	135	69	19.10	19.51	19.12	21.0	0.0	
100	PI2 BPSK	135	138	18.61	19.13	18.52			
100	PI2 BPSK	270	0	18.62	19.01	18.56	20.5	0.5	
100	QPSK	1	1	19.21	19.58	19.11			
100	QPSK	1	137	19.03	19.42	19.06	21.0	0.0	
100	QPSK	1	271	19.09	19.41	19.06			
100	QPSK	135	0	18.72	18.61	18.62	20.0	1.0	
100	QPSK	135	69	19.09	19.47	19.11	21.0	0.0	
100	QPSK	135	138	18.27	18.57	18.10			
100	QPSK	270	0	18.21	18.70	18.17	20.0	1.0	
100	16QAM	1	1	18.27	18.67	18.22	20.0	1.0	
100	64QAM	1	1	16.72	17.18	16.59	18.5	2.5	
100	256QAM	1	1	14.89	15.58	14.63	16.5	4.5	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
90	QPSK	1	1	19.48	19.08	19.18	21.0	0.0	
Channel				648354	650600	662608			
Frequency (MHz)				3762.01	3840	3940.62			
80	QPSK	1	1	19.49	19.17	19.06	21.0	0.0	
Channel				646000	650600	663000			
Frequency (MHz)				3775	3840	3945			
70	QPSK	1	1	19.38	19.05	19.03	21.0	0.0	
Channel				646668	650600	663334			
Frequency (MHz)				3770.02	3840	3950.01			
60	QPSK	1	1	19.48	19.07	19.06	21.0	0.0	
Channel				645824	650600	663584			
Frequency (MHz)				3782.01	3840	3955.62			
50	QPSK	1	1	19.55	19.08	19.08	21.0	0.0	
Channel				645000	650600	664000			
Frequency (MHz)				3770	3840	3960			
40	QPSK	1	1	19.54	19.21	19.17	21.0	0.0	
Channel				643166	650600	664334			
Frequency (MHz)				3781.02	3840	3965.01			
30	QPSK	1	1	19.55	19.09	19.13	21.0	0.0	
Channel				647500	650600	664500			
Frequency (MHz)				3772.2	3840	3967.5			
25	QPSK	1	1	19.56	19.13	19.09	21.0	0.0	
Channel				642332	650600	664668			
Frequency (MHz)				3785.01	3840	3970.62			
20	QPSK	1	1	19.57	19.02	19.01	21.0	0.0	
Channel				647168	650600	664834			
Frequency (MHz)				3767.52	3840	3972.51			
15	QPSK	1	1	19.41	19.11	19.11	21.0	0.0	
Channel				647000	650600	665000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.44	19.11	19.10	21.0	0.0	

Part27Q n77 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	Pi/2 BPSK	1	1		16.79				
100	Pi/2 BPSK	1	137		16.82		18.0	0.0	
100	Pi/2 BPSK	1	271		16.77				
100	Pi/2 BPSK	135	0		16.94		18.0	0.0	
100	Pi/2 BPSK	135	69		16.83		18.0	0.0	
100	Pi/2 BPSK	135	138		16.77				
100	Pi/2 BPSK	270	0		16.90		18.0	0.0	
100	QPSK	1	1		17.13				
100	QPSK	1	137		16.72		18.0	0.0	
100	QPSK	1	271		16.86				
100	QPSK	135	0		16.78		18.0	0.0	
100	QPSK	135	69		16.84		18.0	0.0	
100	QPSK	135	138		16.71		18.0	0.0	
100	QPSK	270	0		16.80				
100	16QAM	1	1		16.82		18.0	0.0	
100	64QAM	1	1		16.91		18.0	0.0	
100	256QAM	1	1		15.65		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		16.85	17.06	17.11	18.0	0.0
Channel				632563	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		17.01	17.04	16.96	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495.01	3500.01	3515.01			
70	QPSK	1	1		17.07	16.99	17.10	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.95	17.07	17.04	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		17.09	16.99	17.11	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		17.10	17.06	17.12	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		16.94	17.07	16.92	18.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.96	16.98	17.09	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		17.01	17.03	16.93	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.03	16.93	17.11	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		17.10	17.00	17.10	18.0	0.0

Part27Q n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	Pi/2 BPSK	1	1		20.07				
100	Pi/2 BPSK	1	137		19.90		21.0	0.0	
100	Pi/2 BPSK	1	271		20.06				
100	Pi/2 BPSK	135	0		19.98		20.5	0.5	
100	Pi/2 BPSK	135	69		19.98		21.0	0.0	
100	Pi/2 BPSK	135	138		19.65				
100	Pi/2 BPSK	270	0		19.92		20.5	0.5	
100	QPSK	1	1		20.11				
100	QPSK	1	137		19.65		21.0	0.0	
100	QPSK	1	271		19.95				
100	QPSK	135	0		19.02		20.0	1.0	
100	QPSK	135	69		20.05		21.0	0.0	
100	QPSK	135	138		19.12		20.0	1.0	
100	QPSK	270	0		19.25				
100	16QAM	1	1		19.01		20.0	1.0	
100	64QAM	1	1		17.96		19.5	2.5	
100	256QAM	1	1		15.50		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		19.88	19.89	19.13	21.0	0.0
Channel				632563	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.07	20.00	19.94	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		19.97	19.96	20.03	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		19.84	20.10	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		20.09	20.02	19.94	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		19.90	20.05	20.08	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		19.99	19.95	20.10	21.0	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		19.99	20.08	20.00	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.03	20.07	19.95	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		20.08	19.96	20.01	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.10	20.01	20.08	21.0	0.0

Part27O n78 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1		16.34		18.0	0.0	
100	Pi2 BPSK	1	137		16.33				
100	Pi2 BPSK	1	271		16.28				
100	Pi2 BPSK	135	0		16.25		18.0	0.0	
100	Pi2 BPSK	135	69		16.37		18.0	0.0	
100	Pi2 BPSK	135	138		16.33		18.0	0.0	
100	Pi2 BPSK	270	0		16.28				
100	QPSK	1	1		16.36				
100	QPSK	1	137		16.36		18.0	0.0	
100	QPSK	1	271		16.31				
100	QPSK	135	0		16.28				
100	QPSK	135	69		16.37		18.0	0.0	
100	QPSK	135	138		16.19		18.0	0.0	
100	QPSK	270	0		16.31		18.0	0.0	
100	MSAM	1	1		16.33		18.0	0.0	
100	MSAM	1	1		16.17		18.0	0.0	
100	256QAM	1	1		14.88		16.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.19	16.35	16.33	18.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.19	16.22	16.31	18.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.32	16.21	16.17	18.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.21	16.29	16.27	18.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.28	16.26	16.19	18.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.18	16.16	16.23	18.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		16.20	16.34	16.32	18.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		16.33	16.22	16.26	18.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		16.26	16.28	16.32	18.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		16.18	16.20	16.29	18.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3765			
10	QPSK	1	1		16.11	16.17	16.14	18.0	0.0

Part27O n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1		19.21		21.0	0.0	
100	Pi2 BPSK	1	137		19.19				
100	Pi2 BPSK	1	271		19.23				
100	Pi2 BPSK	135	0		19.82		20.5	0.5	
100	Pi2 BPSK	135	69		19.31		21.0	0.0	
100	Pi2 BPSK	135	138		18.84		20.5	0.5	
100	Pi2 BPSK	270	0		18.82				
100	QPSK	1	1		19.39				
100	QPSK	1	137		19.26		21.0	0.0	
100	QPSK	1	271		19.19				
100	QPSK	135	0		18.44				
100	QPSK	135	69		19.34		21.0	0.0	
100	QPSK	135	138		18.29		20.0	1.0	
100	QPSK	270	0		18.43		20.0	1.0	
100	MSAM	1	1		18.26		20.0	1.0	
100	MSAM	1	1		16.87		18.5	2.5	
100	256QAM	1	1		14.98		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.25	19.30	19.35	21.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.37	19.29	19.38	21.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.19	19.34	19.18	21.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.18	19.33	19.18	21.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.31	19.22	19.35	21.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.26	19.26	19.34	21.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		19.22	19.24	19.26	21.0	0.0
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		19.31	19.24	19.38	21.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		19.19	19.17	19.22	21.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		19.30	19.33	19.33	21.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3765			
10	QPSK	1	1		19.33	19.35	19.36	21.0	0.0

Part27Q n78 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334					
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1		16.93				
100	Pi2 BPSK	1	137		16.97		18.0	0.0	
100	Pi2 BPSK	1	271		16.87				
100	Pi2 BPSK	135	0		17.00		18.0	0.0	
100	Pi2 BPSK	135	69		17.09		18.0	0.0	
100	Pi2 BPSK	135	138		16.89				
100	Pi2 BPSK	270	0		17.08		18.0	0.0	
100	QPSK	1	1		17.12				
100	QPSK	1	137		17.04		18.0	0.0	
100	QPSK	1	271		17.00				
100	QPSK	135	0		16.89		18.0	0.0	
100	QPSK	135	69		17.07		18.0	0.0	
100	QPSK	135	138		16.89				
100	QPSK	270	0		16.93		18.0	0.0	
100	MQAM	1	1		16.87		18.0	0.0	
100	64QAM	1	1		16.92		18.0	0.0	
100	256QAM	1	1		15.62		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		17.02	17.06	17.08	18.0	0.0
Channel				632665	633334	634003	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		16.91	16.96	16.98	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		16.91	17.11	17.07	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		16.95	16.92	16.95	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		16.95	16.92	16.87	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		16.88	16.92	16.89	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		17.07	17.04	17.09	18.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		16.96	16.93	17.05	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		16.91	16.98	16.86	18.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		17.01	16.92	17.07	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		16.87	16.87	16.85	18.0	0.0

Part27Q n78 PC2 Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				63334					
Frequency (MHz)				3500.01					
100	Pi2 BPSK	1	1		19.82				
100	Pi2 BPSK	1	137		19.92		21.0	0.0	
100	Pi2 BPSK	1	271		19.87				
100	Pi2 BPSK	135	0		19.85		20.5	0.5	
100	Pi2 BPSK	135	69		19.96		21.0	0.0	
100	Pi2 BPSK	135	138		19.82				
100	Pi2 BPSK	270	0		19.45		20.5	0.5	
100	QPSK	1	1		20.03				
100	QPSK	1	137		19.85		21.0	0.0	
100	QPSK	1	271		19.97				
100	QPSK	135	0		19.01		20.0	1.0	
100	QPSK	135	69		19.94		21.0	0.0	
100	QPSK	135	138		19.08		20.0	1.0	
100	QPSK	270	0		19.06				
100	16QAM	1	1		19.10		20.0	1.0	
100	64QAM	1	1		17.45		18.5	2.5	
100	256QAM	1	1		15.52		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505.02			
90	QPSK	1	1		19.84	19.81	19.81	21.0	0.0
Channel				632665	633334	634003	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		20.02	20.02	19.84	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		19.91	19.93	19.95	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		19.93	19.90	19.96	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		19.89	19.89	20.02	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		19.81	19.96	19.98	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		19.98	19.99	19.98	21.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		19.95	20.00	19.99	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		20.02	19.87	19.96	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		19.87	19.86	19.85	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		20.02	19.83	19.98	21.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Alloc Ch. / Freq.	Power Alloc Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332			
Frequency (MHz)				3600	3624.99	3648.98			
100	PI2 BPSK	1	1	17.39	17.41	17.40	18.0	0.0	
100	PI2 BPSK	1	137	17.43	17.47	17.35			
100	PI2 BPSK	1	271	17.14	17.17	17.11			
100	PI2 BPSK	135	0	16.30	16.53	16.52	17.5	0.5	
100	PI2 BPSK	135	69	17.34	17.48	17.38	18.0	0.0	
100	PI2 BPSK	135	138	16.45	16.29	16.25	17.5	0.5	
100	PI2 BPSK	270	0	16.30	16.35	16.43			
100	QPSK	1	1	17.56	17.61	17.55			
100	QPSK	1	137	17.56	17.58	17.41	18.0	0.0	
100	QPSK	1	271	17.16	17.19	17.11	17.0	1.0	
100	QPSK	135	0	16.51	16.57	16.54			
100	QPSK	135	69	17.42	17.61	17.47			
100	QPSK	135	138	16.47	16.48	16.39	17.0	1.0	
100	QPSK	270	0	16.36	16.52	16.50	17.0	1.0	
100	ISAM	1	1	16.09	16.27	16.22			
100	ISAM	1	1	14.66	14.78	14.62			
100	256QAM	1	1	13.18	13.35	13.16	13.5	4.5	
Channel				639668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	(dB)		
90	QPSK	1	1	17.55	17.49	17.47	18.0	0.0	
Channel				635334	641666	644000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	(dB)		
80	QPSK	1	1	17.58	17.40	17.43	18.0	0.0	
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3585	3624.99	3664.98	(dB)		
70	QPSK	1	1	17.48	17.48	17.42	18.0	0.0	
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3580.02	3624.99	3669.99	(dB)		
60	QPSK	1	1	17.40	17.39	17.43	18.0	0.0	
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	(dB)		
50	QPSK	1	1	17.40	17.44	17.46	18.0	0.0	
Channel				638000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98	(dB)		
40	QPSK	1	1	17.51	17.46	17.57	18.0	0.0	
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3571.02	3624.99	3684.99	(dB)		
30	QPSK	1	1	17.49	17.42	17.39	18.0	0.0	
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3566.01	3624.99	3690	(dB)		
20	QPSK	1	1	17.55	17.45	17.50	18.0	0.0	
Channel				637168	641666	646368	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3561.63	3624.99	3694.49	(dB)		
15	QPSK	1	1	17.44	17.52	17.55	18.0	0.0	
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3624.99	3694.98	(dB)		
10	QPSK	1	1	17.54	17.48	17.51	18.0	0.0	

Part270 n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	16.18	16.63	16.02	18.0	0.0	
100	PI2 BPSK	1	137	16.14	16.73	16.03			
100	PI2 BPSK	1	271	16.04	16.69	16.07			
100	PI2 BPSK	135	0	16.24	16.62	16.07	18.0	0.0	
100	PI2 BPSK	135	69	16.09	16.65	16.04	18.0	0.0	
100	PI2 BPSK	135	138	16.21	16.63	16.03	18.0	0.0	
100	PI2 BPSK	270	0	16.15	16.71	16.09	18.0	0.0	
100	QPSK	1	1	16.23	16.78	16.11			
100	QPSK	1	137	16.12	16.69	16.04			
100	QPSK	1	271	16.17	16.69	16.01	18.0	0.0	
100	QPSK	135	0	16.09	16.65	16.07	18.0	0.0	
100	QPSK	135	69	16.20	16.77	16.12	18.0	0.0	
100	QPSK	135	138	16.03	16.75	16.02	18.0	0.0	
100	QPSK	270	0	16.20	16.65	16.06	18.0	0.0	
100	16QAM	1	1	16.22	16.60	16.05			
100	64QAM	1	1	16.08	16.07	16.09			
100	256QAM	1	1	14.84	15.22	14.58	16.5	1.5	
Channel				646668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	16.02	16.02	16.05	18.0	0.0	
Channel				645334	660000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	16.07	16.16	16.12	18.0	0.0	
Channel				649000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	16.59	16.16	16.06	18.0	0.0	
Channel				648668	660000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	16.66	16.02	16.13	18.0	0.0	
Channel				648334	660000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	16.16	16.16	16.12	18.0	0.0	
Channel				648000	660000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	16.71	16.02	16.03	18.0	0.0	
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3840	3965.01	(dB)		
30	QPSK	1	1	16.58	16.25	16.04	18.0	0.0	
Channel				647500	660000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3840	3967.5	(dB)		
25	QPSK	1	1	16.65	16.23	16.06	18.0	0.0	
Channel				647251	660000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	16.63	16.02	16.12	18.0	0.0	
Channel				647168	660000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	16.64	16.02	16.13	18.0	0.0	
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	16.77	16.15	16.04	18.0	0.0	

Part270 n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.17	19.56	19.13	21.0	0.0	
100	PI2 BPSK	1	137	19.09	19.54	19.23			
100	PI2 BPSK	1	271	19.12	19.56	19.14			
100	PI2 BPSK	135	0	18.81	19.08	18.70	20.5	0.5	
100	PI2 BPSK	135	69	19.22	19.49	19.18	21.0	0.0	
100	PI2 BPSK	135	138	18.67	19.15	18.62	20.5	0.5	
100	PI2 BPSK	270	0	18.79	19.05	18.57	20.0	1.0	
100	QPSK	1	1	19.21	19.05	19.14	21.0	0.0	
100	QPSK	1	137	19.20	19.54	19.08			
100	QPSK	1	271	19.15	19.07	19.03			
100	QPSK	135	0	18.29	18.71	18.15	20.0	1.0	
100	QPSK	135	69	19.04	19.06	19.01	21.0	0.0	
100	QPSK	135	138	18.27	18.72	18.18	20.0	1.0	
100	QPSK	270	0	18.29	18.56	18.06	20.0	1.0	
100	ISAM	1	1	18.19	18.77	18.03	20.0	1.0	
100	ISAM	1	1	16.75	17.09	16.66	18.5	2.5	
100	256QAM	1	1	14.69	15.04	14.71	16.5	4.5	
Channel				649688	650000	652334			
Frequency (MHz)				3743.02	3840	3925.01			
100	QPSK	1	1	19.01	19.15	19.12	21.0	0.0	
Channel				549334	550000	550368			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	19.52	19.07	19.01	21.0	0.0	
Channel				649000	650000	653000			
Frequency (MHz)				3740	3840	3940			
70	QPSK	1	1	19.45	19.16	19.09	21.0	0.0	
Channel				549688	550000	553134			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	19.62	19.02	19.14	21.0	0.0	
Channel				648334	650000	653668			
Frequency (MHz)				3723.01	3840	3925.02			
50	QPSK	1	1	19.55	19.15	19.12	21.0	0.0	
Channel				548000	550000	554000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	19.59	19.01	19.05	21.0	0.0	
Channel				647688	650000	654334			
Frequency (MHz)				3716.02	3840	3956.01			
30	QPSK	1	1	19.45	19.04	19.04	21.0	0.0	
Channel				647500	650000	654500			
Frequency (MHz)				3712.25	3840	3939.01			
25	QPSK	1	1	19.63	19.07	19.05	21.0	0.0	
Channel				647334	650000	656668			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	19.59	19.14	19.04	21.0	0.0	
Channel				647168	650000	654834			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	19.62	19.06	19.04	21.0	0.0	
Channel				647000	650000	655000			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	19.60	19.09	19.15	21.0	0.0	

Part27Q n77 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		17.58		18.0	0.0	
100	PI2 BPSK	1	137		17.72				
100	PI2 BPSK	1	271		17.58				
100	PI2 BPSK	135	0		17.71		18.0	0.0	
100	PI2 BPSK	135	69		17.51		18.0	0.0	
100	PI2 BPSK	135	138		17.52		18.0	0.0	
100	PI2 BPSK	270	0		17.65				
100	QPSK	1	1		17.75		18.0	0.0	
100	QPSK	1	137		17.62				
100	QPSK	1	271		17.52		18.0	0.0	
100	QPSK	135	0		17.65				
100	QPSK	135	69		17.71		18.0	0.0	
100	QPSK	135	138		17.70		18.0	0.0	
100	QPSK	270	0		17.58		18.0	0.0	
100	16QAM	1	1		17.61		18.0	0.0	
100	64QAM	1	1		17.49		18.0	0.0	
100	256QAM	1	1		16.11		16.5	1.5	
Channel				633000	633334	633668	Tune-up limit (dBm)		
Frequency (MHz)				3495	3500.01	3505.02	18.0		
90	QPSK	1	1		17.73	17.52	17.52	18.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)		
Frequency (MHz)				3490.02	3500.01	3510	18.0		
80	QPSK	1	1		17.59	17.54	17.56	18.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)		
Frequency (MHz)				3485.01	3500.01	3515.01	18.0		
70	QPSK	1	1		17.53	17.55	17.55	18.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)		
Frequency (MHz)				3480	3500.01	3520.02	18.0		
60	QPSK	1	1		17.68	17.50	17.66	18.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)		
Frequency (MHz)				3475.02	3500.01	3525	18.0		
50	QPSK	1	1		17.69	17.63	17.69	18.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)		
Frequency (MHz)				3470.01	3500.01	3530.01	18.0		
40	QPSK	1	1		17.64	17.52	17.72	18.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)		
Frequency (MHz)				3465	3500.01	3535.02	18.0		
30	QPSK	1	1		17.51	17.72	17.56	18.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)		
Frequency (MHz)				3462.51	3500.01	3537.51 <td colspan="3">18.0</td>	18.0		
25	QPSK	1	1		17.66	17.53	17.49	18.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)		
Frequency (MHz)				3460.02	3500.01	3540	18.0		
20	QPSK	1	1		17.68	17.62	17.67	18.0	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)		
Frequency (MHz)				3457.5	3500.01	3542.52	18.0		
15	QPSK	1	1		17.60	17.50	17.66	18.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)		
Frequency (MHz)				3455.01	3500.01	3545.01	18.0		
10	QPSK	1	1		17.53	17.52	17.72	18.0	0.0

Part27Q n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01			21.0	0.0	
100	PI2 BPSK	1	1		20.50				
100	PI2 BPSK	1	137		20.51				
100	PI2 BPSK	1	271		20.49				
100	PI2 BPSK	135	0		20.13		20.5	0.5	
100	PI2 BPSK	135	69		20.40		21.0	0.0	
100	PI2 BPSK	135	138		19.93		20.5	0.5	
100	PI2 BPSK	270	0		19.93				
100	QPSK	1	1		20.53		21.0	0.0	
100	QPSK	1	137		20.44				
100	QPSK	1	271		20.41		20.0	1.0	
100	QPSK	135	0		19.91				
100	QPSK	135	69		20.50		21.0	0.0	
100	QPSK	135	138		19.56		20.0	1.0	
100	QPSK	270	0		19.59		20.0	1.0	
100	16QAM	1	1		19.99		20.0	1.0	
100	64QAM	1	1		18.02		18.5	2.5	
100	256QAM	1	1		16.04		16.5	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)		
Frequency (MHz)				3495	3500.01	3505.02	21.0		
90	QPSK	1	1		20.32	20.42	20.50	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)		
Frequency (MHz)				3490.02	3500.01	3510	21.0		
80	QPSK	1	1		20.40	20.31	20.48	21.0	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)		
Frequency (MHz)				3485.01	3500.01	3515.01	21.0		
70	QPSK	1	1		20.46	20.32	20.42	21.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)		
Frequency (MHz)				3480	3500.01	3520.02	21.0		
60	QPSK	1	1		20.49	20.45	20.32	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)		
Frequency (MHz)				3475.02	3500.01	3525	21.0		
50	QPSK	1	1		20.31	20.42	20.31	21.0	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)		
Frequency (MHz)				3470.01	3500.01	3530.01	21.0		
40	QPSK	1	1		20.43	20.42	20.49	21.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)		
Frequency (MHz)				3465	3500.01	3535.02	21.0		
30	QPSK	1	1		20.50	20.32	20.48	21.0	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)		
Frequency (MHz)				3462.51	3500.01	3537.51	21.0		
25	QPSK	1	1		20.51	20.33	20.34	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)		
Frequency (MHz)				3460.02	3500.01	3540	21.0		
20	QPSK	1	1		20.47	20.38	20.37	21.0	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)		
Frequency (MHz)				3457.5	3500.01	3542.52	21.0		
15	QPSK	1	1		20.33	20.34	20.39	21.0	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)		
Frequency (MHz)				3455.01	3500.01	3545.01	21.0		
10	QPSK	1	1		20.52	20.40	20.43	21.0	0.0

Part27O n78 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		16.43		18.0	0.0	
100	PI2 BPSK	1	137		16.63				
100	PI2 BPSK	1	271		16.57				
100	PI2 BPSK	135	0		16.68		18.0	0.0	
100	PI2 BPSK	135	69		16.53		18.0	0.0	
100	PI2 BPSK	135	138		16.59		18.0	0.0	
100	PI2 BPSK	270	0		16.66				
100	QPSK	1	1		16.69				
100	QPSK	1	137		16.47		18.0	0.0	
100	QPSK	1	271		16.40		18.0	0.0	
100	QPSK	135	0		16.43				
100	QPSK	135	69		16.48			0.0	
100	QPSK	135	138		16.39		18.0	0.0	
100	QPSK	270	0		16.63		18.0	0.0	
100	MSAM	1	1		16.60				
100	MSAM	1	1		16.52			0.0	
100	256QAM	1	1		15.22		16.5	1.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		16.44	16.44	18.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		16.32	16.26	16.30	18.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		16.36	16.31	16.44	18.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		16.44	16.29	16.27	18.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		16.31	16.32	16.24	18.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		16.44	16.33	16.40	18.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3784.01			
30	QPSK	1	1		16.42	16.43	16.22	18.0	
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		16.25	16.29	16.21	18.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		16.38	16.31	16.22	18.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		16.28	16.36	16.38	18.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3765			
10	QPSK	1	1		16.22	16.32	16.23	18.0	

Part27O n78 PC2 Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		19.44		21.0	0.0	
100	PI2 BPSK	1	137		19.36				
100	PI2 BPSK	1	271		19.40				
100	PI2 BPSK	135	0		19.36		20.5	0.5	
100	PI2 BPSK	135	69		19.36		21.0	0.0	
100	PI2 BPSK	135	138		18.82		20.5	0.5	
100	PI2 BPSK	270	0		16.75				
100	QPSK	1	1		19.57				
100	QPSK	1	137		19.45		21.0	0.0	
100	QPSK	1	271		19.36		20.0	1.0	
100	QPSK	135	0		18.58				
100	QPSK	135	69		19.46			0.0	
100	QPSK	135	138		18.49		20.0	1.0	
100	QPSK	270	0		18.50		20.0	1.0	
100	MSAM	1	1		18.49				
100	MSAM	1	1		17.16			2.5	
100	256QAM	1	1		15.55		16.5	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		19.42	19.44	19.25	21.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		19.45	19.30	19.35	21.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		19.24	19.27	19.28	21.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		19.40	19.33	19.22	21.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		19.29	19.23	19.29	21.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		19.37	19.33	19.42	21.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3784.01			
30	QPSK	1	1		19.24	19.41	19.40	21.0	
Channel				647334	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5			
25	QPSK	1	1		19.26	19.29	19.37	21.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3760.02			
20	QPSK	1	1		19.29	19.36	19.28	21.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.51			
15	QPSK	1	1		19.26	19.29	19.36	21.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3765			
10	QPSK	1	1		19.46	19.30	19.40	21.0	

Part27Q n78 Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				633334			
Frequency (MHz)				3500.01			
100	PI2 BPSK	1	1		17.36		
100	PI2 BPSK	1	137		17.40		18.0
100	PI2 BPSK	1	271		17.42		0.0
100	PI2 BPSK	135	0		17.35		18.0
100	PI2 BPSK	135	69		17.25		18.0
100	PI2 BPSK	135	138		17.32		18.0
100	PI2 BPSK	270	0		17.42		18.0
100	QPSK	1	1		17.49		18.0
100	QPSK	1	137		17.23		18.0
100	QPSK	1	271		17.27		18.0
100	QPSK	135	0		17.43		18.0
100	QPSK	135	69		17.22		18.0
100	QPSK	135	138		17.32		18.0
100	QPSK	270	0		17.35		18.0
100	16QAM	1	1		17.36		18.0
100	64QAM	1	1		17.34		18.0
100	256QAM	1	1		16.15		16.5
Channel				633000	633334	633668	
Frequency (MHz)				3495	3500.01	3505.02	MPR (dB)
90	QPSK	1	1		17.41	17.44	18.0
Channel				632668		633334	
Frequency (MHz)				3490.02		3500.01	
80	QPSK	1	1		17.36	17.35	17.41
Channel				632334		633334	
Frequency (MHz)				3485.01		3500.01	
70	QPSK	1	1		17.42	17.27	17.56
Channel				632000		633334	
Frequency (MHz)				3480		3500.01	
60	QPSK	1	1		17.34	17.32	17.37
Channel				631668		633334	
Frequency (MHz)				3475.02		3500.01	
50	QPSK	1	1		17.29	17.49	17.31
Channel				631334		633334	
Frequency (MHz)				3470.01		3500.01	
40	QPSK	1	1		17.46	17.28	17.37
Channel				631000		633334	
Frequency (MHz)				3465		3500.01	
30	QPSK	1	1		17.34	17.28	17.29
Channel				630834		633334	
Frequency (MHz)				3462.51		3500.01	
25	QPSK	1	1		17.29	17.42	17.33
Channel				630668		633334	
Frequency (MHz)				3460.02		3500.01	
20	QPSK	1	1		17.31	17.40	17.30
Channel				630000		633334	
Frequency (MHz)				3457.5		3500.01	
15	QPSK	1	1		17.43	17.48	17.29
Channel				630334		633334	
Frequency (MHz)				3455.01		3500.01	
10	QPSK	1	1		17.39	17.39	18.0

Part27Q n78 PC2 Ant 7							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				633334			
Frequency (MHz)				3500.01			
100	PI2 BPSK	1	1		20.16		21.0
100	PI2 BPSK	1	137		20.16		0.0
100	PI2 BPSK	1	271		19.71		20.5
100	PI2 BPSK	135	0		19.91		21.0
100	PI2 BPSK	135	69		20.04		20.5
100	PI2 BPSK	135	138		19.17		20.5
100	PI2 BPSK	270	0		19.12		21.0
100	QPSK	1	1		20.47		21.0
100	QPSK	1	137		20.20		21.0
100	QPSK	1	271		19.80		20.0
100	QPSK	135	0		19.08		21.0
100	QPSK	135	69		20.12		20.0
100	QPSK	135	138		19.28		20.0
100	QPSK	270	0		19.12		20.0
100	16QAM	1	1		18.91		19.5
100	64QAM	1	1		17.35		16.5
100	256QAM	1	1		15.77		16.5
Channel				633000	633334	633668	
Frequency (MHz)				3495	3500.01	3505.02	MPR (dB)
90	QPSK	1	1		20.42	20.43	20.31
Channel				632668		633334	
Frequency (MHz)				3490.02		3500.01	
80	QPSK	1	1		20.32	20.41	20.36
Channel				632334		633334	
Frequency (MHz)				3485.01		3500.01	
70	QPSK	1	1		20.32	20.44	20.32
Channel				632000		633334	
Frequency (MHz)				3480		3500.01	
60	QPSK	1	1		20.30	20.40	20.26
Channel				631668		633334	
Frequency (MHz)				3475.02		3500.01	
50	QPSK	1	1		20.34	20.29	20.35
Channel				631334		633334	
Frequency (MHz)				3470.01		3500.01	
40	QPSK	1	1		20.31	20.37	20.34
Channel				631000		633334	
Frequency (MHz)				3465		3500.01	
30	QPSK	1	1		20.41	20.43	20.44
Channel				630834		633334	
Frequency (MHz)				3462.51		3500.01	
25	QPSK	1	1		20.26	20.46	20.44
Channel				630668		633334	
Frequency (MHz)				3460.02		3500.01	
20	QPSK	1	1		20.36	20.35	20.31
Channel				630000		633334	
Frequency (MHz)				3457.5		3500.01	
15	QPSK	1	1		20.29	20.36	20.43
Channel				630334		633334	
Frequency (MHz)				3455.01		3500.01	
10	QPSK	1	1		20.35	20.30	20.38

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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				66000	64166	64332			
Frequency (MHz)				3600	3624.99	3648.98			
100	PI2 BPSK	1	1	20.73	20.77	20.84	22.0	0.0	
100	PI2 BPSK	1	137	20.52	20.61	20.52			
100	PI2 BPSK	1	271	20.56	20.63	20.42			
100	PI2 BPSK	135	0	20.64	20.75	20.52	22.0	0.0	
100	PI2 BPSK	135	69	20.54	20.56	20.58	22.0	0.0	
100	PI2 BPSK	135	138	20.46	20.63	20.53	22.0	0.0	
100	PI2 BPSK	270	0	20.56	20.59	20.58			
100	QPSK	1	1	20.76	20.62	20.73		0.0	
100	QPSK	1	137	20.54	20.70	20.66	22.0	0.0	
100	QPSK	1	271	20.61	20.70	20.69			
100	QPSK	135	0	20.38	20.42	20.37	22.0	0.0	
100	QPSK	135	69	20.63	20.80	20.59	22.0	0.0	
100	QPSK	135	138	20.48	20.50	20.39	22.0	0.0	
100	QPSK	270	0	20.41	20.48	20.40	22.0	0.0	
100	16QAM	1	1	20.47	20.58	20.43			
100	16QAM	1	1	20.45	20.50	20.39		0.0	
100	256QAM	1	1	19.79	19.81	19.76	20.5	1.5	
Channel				63968	64166	64366	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3585.02	3624.99	3654.99	(dB)		
90	QPSK	1	1	20.72	20.73	20.60	22.0	0.0	
Channel				63534	64166	64500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3590.01	3624.99	3660	(dB)		
80	QPSK	1	1	20.65	20.68	20.61	22.0	0.0	
Channel				63900	64166	64432	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3585	3624.99	3664.98	(dB)		
70	QPSK	1	1	20.71	20.73	20.61	22.0	0.0	
Channel				63968	64166	64568	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3660.02	3624.99	3669.99	(dB)		
60	QPSK	1	1	20.67	20.67	20.62	22.0	0.0	
Channel				63834	64166	64500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3579.01	3624.99	3675	(dB)		
50	QPSK	1	1	20.67	20.69	20.67	22.0	0.0	
Channel				63900	64166	64532	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3579	3624.99	3679.98	(dB)		
40	QPSK	1	1	20.63	20.73	20.61	22.0	0.0	
Channel				63768	64166	64568	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3664.99	3624.99	3684.99	(dB)		
30	QPSK	1	1	20.63	20.73	20.61	22.0	0.0	
Channel				63734	64166	64600	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3660.01	3624.99	3660	(dB)		
20	QPSK	1	1	20.70	20.69	20.69	22.0	0.0	
Channel				63768	64166	64668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3697.63	3624.99	3692.49	(dB)		
15	QPSK	1	1	20.64	20.76	20.61	22.0	0.0	
Channel				63700	64166	64632	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3655	3624.99	3694.98	(dB)		
10	QPSK	1	1	20.64	20.66	20.67	22.0	0.0	

Part270 n77 PC3/PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				66000	66000	66000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	19.08	19.12	18.98	20.2	0.0	
100	PI2 BPSK	1	137	18.88	18.89	18.80			
100	PI2 BPSK	1	271	18.84	18.92	18.75			
100	PI2 BPSK	135	0	18.97	19.05	18.93	20.2	0.0	
100	PI2 BPSK	135	69	18.78	18.89	18.87	20.2	0.0	
100	PI2 BPSK	135	138	18.83	18.94	18.79	20.2	0.0	
100	PI2 BPSK	270	0	18.90	18.91	18.86			
100	QPSK	1	1	19.11	19.19	19.14		0.0	
100	QPSK	1	137	18.93	19.05	18.96	20.2	0.0	
100	QPSK	1	271	18.92	19.04	18.92			
100	QPSK	135	0	18.74	18.77	18.69	20.2	0.0	
100	QPSK	135	69	18.91	19.17	18.91	20.2	0.0	
100	QPSK	135	138	18.71	18.85	18.73	20.2	0.0	
100	QPSK	270	0	18.69	18.81	18.70	20.2	0.0	
100	16QAM	1	1	18.76	18.87	18.76			
100	16QAM	1	1	18.80	18.86	18.67		0.0	
100	256QAM	1	1	18.84	18.86	18.70	20.2	0.0	
Channel				66068	66000	66234	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dB)		
90	QPSK	1	1	19.01	19.12	19.05	20.2	0.0	
Channel				64534	65000	65268	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dB)		
80	QPSK	1	1	18.96	19.02	19.08	20.2	0.0	
Channel				64900	66000	66300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3840	3945	(dB)		
70	QPSK	1	1	19.01	19.04	19.04	20.2	0.0	
Channel				64868	65000	65334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dB)		
60	QPSK	1	1	18.95	19.07	19.00	20.2	0.0	
Channel				64834	66000	66368	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dB)		
50	QPSK	1	1	19.01	19.13	19.06	20.2	0.0	
Channel				64800	66000	66400	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dB)		
40	QPSK	1	1	19.00	19.03	19.07	20.2	0.0	
Channel				64768	65000	65434	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3718.02	3840	3965.01	(dB)		
30	QPSK	1	1	19.06	19.10	19.09	20.2	0.0	
Channel				64700	66000	66450	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3712.5	3840	3967.5	(dB)		
25	QPSK	1	1	18.98	19.03	19.01	20.2	0.0	
Channel				64734	65000	66468	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dB)		
20	QPSK	1	1	19.06	19.07	19.02	20.2	0.0	
Channel				64768	66000	66468	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dB)		
15	QPSK	1	1	19.05	19.02	19.01	20.2	0.0	
Channel				64700	66000	66500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dB)		
10	QPSK	1	1	19.02	19.04	19.00	20.2	0.0	

Part270Q n77 PC3/PC2 Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					63334				
Frequency (MHz)					3500.01				
100	PI2 BPSK	1	1	18.55	18.55		20.2	0.0	
100	PI2 BPSK	1	137	18.51	18.51				
100	PI2 BPSK	1	271	18.49	18.49				
100	PI2 BPSK	135	0	18.65	18.65		20.2	0.0	
100	PI2 BPSK	135	69	18.43	18.43		20.2	0.0	
100	PI2 BPSK	135	138	18.44	18.44		20.2	0.0	
100	PI2 BPSK	270	0	18.4	18.45		20.2	0.0	
100	QPSK	1	1	18.71	18.71		20.2	0.0	
100	QPSK	1	137	18.58	18.58				
100	QPSK	1	271	18.65	18.65				
100	QPSK	135	0	18.34	18.34		20.2	0.0	
100	QPSK	135	69	18.58	18.58		20.2	0.0	
100	QPSK	135	138	18.44	18.44		20.2	0.0	
100	QPSK	270	0	18.31	18.31		20.2	0.0	
100	16QAM	1	1	18.39	18.39		20.2	0.0	
100	64QAM	1	1	18.34	18.34		20.2	0.0	
100	256QAM	1	1	18.41	18.41		20.2	0.0	
Channel				63360	63334	63368			
Frequency (MHz)				3495	3500.01	3506.00	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.49	18.58	18.48	20.2	0.0	
Channel				63268	63334	63400			
Frequency (MHz)				3480.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	18.55	18.50	18.55	20.2	0.0	
Channel				63254	63334	63219			
Frequency (MHz)				3488.01	3500.01	3518.01	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	18.60	18.60	18.54	20.2	0.0	
Channel				63200	63334	63468			
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	18.52	18.58	18.57	20.2	0.0	
Channel				63196	63334	63200			
Frequency (MHz)				3475.02	3500.01	3505	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	18.54	18.61	18.54	20.2	0.0	
Channel				63134	63334	63334			
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	18.57	18.60	18.58	20.2	0.0	
Channel				63100	63334	63356			
Frequency (MHz)				3465	3500.01	3528.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.52	18.50	18.53	20.2	0.0	
Channel				63084	63334	63684			
Frequency (MHz)				3452.51	3500.01	3562.51	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.50	18.59	18.58	20.2	0.0	
Channel				63099	63334	63200			
Frequency (MHz)				3480.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	18.56	18.57	18.52	20.2	0.0	
Channel				63000	63334	63616			
Frequency (MHz)				3457.5	3500.01	3542.52	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.50	18.61	18.53	20.2	0.0	
Channel				63014	63334	63434			
Frequency (MHz)				3465.01	3500.01	3545.01	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.55	18.59	18.54	20.2	0.0	

Part270 n78 PC3/PC2 Ant 9									
BW (MHz)	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	20.2	0.0	
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		18.51		20.2	0.0	
100	PI/2 BPSK	1	137		18.32				
100	PI/2 BPSK	1	271		18.41				
100	PI/2 BPSK	135	0		18.48		20.2	0.0	
100	PI/2 BPSK	135	69		18.33				
100	PI/2 BPSK	135	138		18.34				
100	PI/2 BPSK	270	0		18.30		20.2	0.0	
100	QPSK	1	1		18.53				
100	QPSK	1	137		18.51				
100	QPSK	1	271		18.44		20.2	0.0	
100	QPSK	135	0		18.23				
100	QPSK	135	69		18.41				
100	QPSK	135	138		18.25		20.2	0.0	
100	QPSK	270	0		18.24				
100	16QAM	1	1		18.33		20.2	0.0	
100	64QAM	1	1		18.31				
100	256QAM	1	1		18.29				
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		18.36	18.28	20.2	0.0	
Channel				640334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		18.32	18.48	18.29	20.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		18.39	18.41	18.25	20.2	0.0
Channel				649668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		18.42	18.39	18.36	20.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		18.37	18.47	18.39	20.2	0.0
Channel				649000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		18.37	18.40	18.29	20.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		18.37	18.39	18.29	20.2	0.0
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3787.5			
25	QPSK	1	1		18.33	18.42	18.36	20.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		18.31	18.43	18.34	20.2	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		18.30	18.38	18.30	20.2	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		18.42	18.39	18.37	20.2	0.0

Part27Q n78 PC3/PC2 Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334	20.2	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		18.50		20.2	0.0	
100	PI/2 BPSK	1	137		18.37				
100	PI/2 BPSK	1	271		18.39				
100	PI/2 BPSK	135	0		18.53		20.2	0.0	
100	PI/2 BPSK	135	69		18.37				
100	PI/2 BPSK	135	138		18.31				
100	PI/2 BPSK	270	0		18.31		20.2	0.0	
100	QPSK	1	1		18.54				
100	QPSK	1	137		18.43				
100	QPSK	1	271		18.48		20.2	0.0	
100	QPSK	135	0		18.24				
100	QPSK	135	69		18.39				
100	QPSK	135	138		18.23		20.2	0.0	
100	QPSK	270	0		18.29				
100	16QAM	1	1		18.35		20.2	0.0	
100	64QAM	1	1		18.19				
100	256QAM	1	1		18.26				
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		18.34	18.50	18.35	20.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		18.41	18.46	18.44	20.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		18.35	18.44	18.39	20.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		18.44	18.46	18.40	20.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		18.39	18.48	18.39	20.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		18.42	18.42	18.41	20.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		18.33	18.53	18.38	20.2	0.0
Channel				630834	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		18.36	18.47	18.45	20.2	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		18.43	18.44	18.41	20.2	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		18.36	18.53	18.43	20.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		18.42	18.45	18.39	20.2	0.0

n41 Ant 10									
Ref (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Transp. Rate (Mbps)	MPE (dB)
Channel									
Frequency (MHz)				2546.51	2560.00	2560			
100	8PSK QPSK	1	1	10.79	10.79	10.79			
100	8PSK QPSK	1	131	10.79	10.87	20.00	21.0	0.0	
100	PSK QPSK	1	271	10.84	10.76	10.00			
100	8PSK QPSK	100	5	10.85	10.80	20.00	21.0	0.0	
100	8PSK QPSK	100	69	10.90	10.88	10.00	21.0	0.0	
100	PSK QPSK	100	139	10.96	10.86	10.00			
100	8PSK QPSK	200	5	10.81	10.75	10.00	21.0	0.0	
100	QPSK	1	1	10.84	10.00	10.00			
100	QPSK	1	131	10.76	10.70	20.00	21.0	0.0	
100	QPSK	1	271	10.72	10.74	10.00			
100	QPSK	100	5	10.74	10.71	10.00	21.0	0.0	
100	QPSK	100	69	10.81	10.80	10.00	21.0	0.0	
100	QPSK	100	139	10.79	10.77	10.00			
100	QPSK	200	5	10.96	10.96	10.00			
100	8QAM	1	1	10.75	10.00	10.00	21.0	0.0	
100	8QAM	1	1	10.81	10.80	10.00	21.0	0.0	
100	25QAM	1	1	10.16	10.00	10.00	10.0	1.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.95	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.84	10.87	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
70	QPSK	1	1	10.78	10.71	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
80	QPSK	1	1	10.80	10.80	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.76	10.84	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
60	QPSK	1	1	10.78	10.79	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
30	QPSK	1	1	10.82	10.77	20.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
30	QPSK	1	1	10.79	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
15	QPSK	1	1	10.84	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
10	QPSK	1	1	10.89	10.79	10.00	21.0	0.0	

n41 PC2 Ant 10									
Ref (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Transp. Rate (Mbps)	MPE (dB)
Channel									
Frequency (MHz)				2546.51	2560.00	2560			
100	8PSK QPSK	1	1	10.79	10.79	10.79			
100	8PSK QPSK	1	131	10.79	10.87	20.00	21.0	0.0	
100	PSK QPSK	1	271	10.84	10.76	10.00			
100	8PSK QPSK	100	5	10.85	10.80	20.00	21.0	0.0	
100	8PSK QPSK	100	69	10.90	10.88	10.00	21.0	0.0	
100	PSK QPSK	100	139	10.96	10.86	10.00			
100	8PSK QPSK	200	5	10.81	10.75	10.00	21.0	0.0	
100	QPSK	1	1	10.84	10.00	10.00			
100	QPSK	1	131	10.76	10.70	20.00	21.0	0.0	
100	QPSK	1	271	10.72	10.74	10.00			
100	QPSK	100	5	10.74	10.71	10.00	21.0	0.0	
100	QPSK	100	69	10.81	10.80	10.00	21.0	0.0	
100	QPSK	100	139	10.79	10.77	10.00			
100	QPSK	200	5	10.96	10.96	10.00			
100	8QAM	1	1	10.75	10.00	10.00	21.0	0.0	
100	8QAM	1	1	10.81	10.80	10.00	21.0	0.0	
100	25QAM	1	1	10.16	10.00	10.00	10.0	1.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.95	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.84	10.87	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
70	QPSK	1	1	10.78	10.71	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
80	QPSK	1	1	10.80	10.80	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
50	QPSK	1	1	10.76	10.84	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
60	QPSK	1	1	10.78	10.79	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
30	QPSK	1	1	10.82	10.77	20.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
30	QPSK	1	1	10.79	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2560.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
15	QPSK	1	1	10.84	10.76	10.00	21.0	0.0	
Channel									
Frequency (MHz)				2561.00	2560.00	2560.00	Transp. Rate (Mbps)	MPE (dB)	
10	QPSK	1	1	10.89	10.79	10.00	21.0	0.0	

Reduced Power Mode for ECI6_Other PA

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	378000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1670	1690	1690		
40	PV2 BPSK	1	1	23.05	23.21	23.06	24.0	0.0
40	PV2 BPSK	1	108	23.07	23.19	23.04		
40	PV2 BPSK	1	214	22.98	23.13	23.02		
40	PV2 BPSK	108	0	22.81	22.90	22.89		
40	PV2 BPSK	108	54	23.18	23.25	23.03	24.0	0.0
40	PV2 BPSK	108	108	22.71	22.88	22.88	23.5	0.5
40	PV2 BPSK	216	0	22.86	22.94	22.81		
40	QPSK	1	1	23.15	23.28	23.17	24.0	0.0
40	QPSK	1	108	23.06	23.24	23.20		
40	QPSK	1	214	23.00	23.10	22.90		
40	QPSK	108	0	22.31	22.35	22.29		
40	QPSK	108	54	23.20	23.21	23.18	24.0	0.0
40	QPSK	108	108	22.28	22.36	22.23	23.0	1.0
40	QPSK	216	0	22.25	22.38	22.29		
40	16QAM	1	1	21.88	21.95	21.83	23.0	1.0
40	64QAM	1	1	20.34	20.55	20.36	21.5	2.5
40	256QAM	1	1	18.96	19.17	18.97	19.5	4.5
Channel				373500	378000	378500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1892.5	24.0	0.0
35	QPSK	1	1	23.03	23.17	23.18	24.0	0.0
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895	24.0	0.0
30	QPSK	1	1	22.97	23.07	23.06	24.0	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5	24.0	0.0
25	QPSK	1	1	23.03	23.17	22.97	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	24.0	0.0
20	QPSK	1	1	22.95	23.14	23.02	#VALUE!	CID
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0
15	QPSK	1	1	23.07	23.11	23.01	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	24.0	0.0
10	QPSK	1	1	23.03	23.19	23.08	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0
5	QPSK	1	1	22.98	23.11	23.04	24.0	0.0

n66 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1750	1745	1760		
40	PV2 BPSK	1	1	23.01	23.09	22.99	24.0	0.0
40	PV2 BPSK	1	108	23.18	23.21	23.03		
40	PV2 BPSK	1	214	23.14	23.16	22.99		
40	PV2 BPSK	108	0	22.58	22.78	22.69		
40	PV2 BPSK	108	54	23.09	23.20	23.16	24.0	0.0
40	PV2 BPSK	108	108	22.71	22.79	22.63	23.5	0.5
40	PV2 BPSK	216	0	22.68	22.86	22.68		
40	QPSK	1	1	23.03	23.24	23.06	24.0	0.0
40	QPSK	1	108	22.95	23.17	23.13		
40	QPSK	1	214	22.99	23.14	23.10		
40	QPSK	108	0	22.24	22.23	22.13		
40	QPSK	108	54	23.19	23.20	23.13	24.0	0.0
40	QPSK	108	108	22.10	22.30	22.24	23.0	1.0
40	QPSK	216	0	22.29	22.32	22.30		
40	16QAM	1	1	21.81	21.83	21.73	23.0	1.0
40	64QAM	1	1	20.21	20.42	20.24	21.5	2.5
40	256QAM	1	1	19.03	19.09	18.93	19.5	4.5
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1727.5	1745	1762.5	24.0	CID
35	QPSK	1	1	23.05	23.18	22.99	24.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	QPSK	1	1	22.82	23.21	22.88	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	24.0	0.0
25	QPSK	1	1	22.87	23.15	22.91	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	QPSK	1	1	22.87	23.09	22.99	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	QPSK	1	1	22.99	23.20	22.92	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	QPSK	1	1	23.01	23.22	22.93	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	QPSK	1	1	23.00	23.16	22.91	24.0	0.0

n2 Ant 4_CID32									
BW (MHz)	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	376000	378000	19.8	0.0	
Frequency (MHz)				1870	1880	1890			
40	Pl2 BPSK	1	1	19.35	19.41	19.28	19.8	0.0	
40	Pl2 BPSK	1	108	19.24	19.26	19.20			
40	Pl2 BPSK	1	214	19.21	19.24	19.15			
40	Pl2 BPSK	108	0	19.35	19.47	19.23	19.8	0.0	
40	Pl2 BPSK	108	54	19.19	19.33	19.29	19.8	0.0	
40	Pl2 BPSK	108	108	19.17	19.32	19.21	19.8	0.0	
40	Pl2 BPSK	216	0	19.25	19.25	19.30	19.8	0.0	
40	QPSK	1	1	19.44	19.45	19.47			
40	QPSK	1	108	19.28	19.47	19.43			
40	QPSK	1	214	19.35	19.41	19.30	19.8	0.0	
40	QPSK	108	0	19.11	19.13	19.08			
40	QPSK	108	54	19.30	19.40	19.30			
40	QPSK	108	108	19.08	19.21	19.14	19.8	0.0	
40	QPSK	216	0	19.05	19.26	19.13			
40	16QAM	1	1	19.11	19.25	19.19	19.8	0.0	
40	64QAM	1	1	19.10	19.19	19.07	19.8	0.0	
40	256QAM	1	1	19.33	19.45	19.39	19.5	0.3	
Channel				375500	376500	377500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5	19.8	0.0	
35	QPSK	1	1	19.34	19.35	19.40			
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	19.8	0.0	
30	QPSK	1	1	19.35	19.35	19.43			
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	19.8	0.0	
25	QPSK	1	1	19.36	19.36	19.40			
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	19.8	CID	
20	QPSK	1	1	19.38	19.35	19.40			
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	19.5	0.0	
15	QPSK	1	1	19.39	19.43	19.28			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	19.8	0.0	
10	QPSK	1	1	19.30	19.42	19.35			
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	19.8	0.0	
5	QPSK	1	1	19.29	19.39	19.41			

n25 Ant 4_CID39									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				3745000	3765000	3795000			
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	19.02	18.98	18.95	19.8	0.0	
40	PI2 BPSK	1	108	18.82	18.92	18.87			
40	PI2 BPSK	1	214	18.84	18.93	18.71	19.8	0.0	
40	PI2 BPSK	108	0	19.05	19.05	18.88			
40	PI2 BPSK	108	54	18.80	18.87	18.80	19.8	0.0	
40	PI2 BPSK	108	108	18.72	18.97	18.80	19.8	0.0	
40	PI2 BPSK	216	0	18.86	18.94	18.87	19.8	0.0	
40	QPSK	1	1	19.10	19.10	19.13			
40	QPSK	1	108	18.85	19.02	19.01	19.8	0.0	
40	QPSK	1	214	18.89	19.01	18.92	19.8	0.0	
40	QPSK	108	0	18.72	18.72	18.66			
40	QPSK	108	54	18.97	19.04	18.89	19.8	0.0	
40	QPSK	108	108	18.87	18.86	18.69	19.8	0.0	
40	QPSK	216	0	18.84	18.79	18.69	19.8	0.0	
40	16QAM	1	1	18.72	18.86	18.80	19.8	0.0	
40	64QAM	1	1	18.75	18.84	18.67	19.8	0.0	
40	256QAM	1	1	18.76	18.95	18.95	19.5	0.3	
Channel				3755000	3765000	3795000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	19.06	19.11	19.01	19.8	0.0	
Channel				3735000	3765000	3800000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1765	1842.5	1920			
30	QPSK	1	1	18.98	19.03	19.23	19.5	0.0	
Channel				3725000	3765000	3805000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	19.04	19.03	18.97	19.8	0.0	
Channel				3720000	3765000	3810500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	18.96	19.11	18.99	19.8	0.0	
Channel				3715000	3765000	3815000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	18.98	19.01	19.01	19.8	0.0	
Channel				3710000	3765000	3820000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	18.96	19.05	19.09	19.8	0.0	
Channel				3705000	3765000	3825000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	19.08	19.09	19.03	19.8	0.0	

n66 Ant 4_CID34									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq]	Power Middle Ch. [Freq]	Power High Ch. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				3460000	3490000	3520000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	20.74	20.76	20.71	21.5	0.0	
40	PI2 BPSK	1	108	20.59	20.70	20.59			
40	PI2 BPSK	1	214	20.63	20.71	20.57	21.5	0.0	
40	PI2 BPSK	108	0	20.74	20.79	20.62			
40	PI2 BPSK	108	54	20.63	20.70	20.65	21.5	0.0	
40	PI2 BPSK	108	108	20.58	20.71	20.52	21.5	0.0	
40	PI2 BPSK	216	0	20.65	20.81	20.67	21.5	0.0	
40	QPSK	1	1	20.84	20.91	20.88			
40	QPSK	1	108	20.64	20.76	20.76	21.5	0.0	
40	QPSK	1	214	20.68	20.78	20.71	21.5	0.0	
40	QPSK	108	0	20.48	20.56	20.54			
40	QPSK	108	54	20.76	20.79	20.71	21.5	0.0	
40	QPSK	108	108	20.54	20.85	20.50	21.5	0.0	
40	QPSK	216	0	20.48	20.54	20.48	21.5	0.0	
40	16QAM	1	1	20.54	20.88	20.58			
40	64QAM	1	1	20.31	20.72	20.27	21.5	0.0	
40	256QAM	1	1	19.07	19.23	19.09	19.5	2.0	
Channel				3455000	3490000	3525000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
30	QPSK	1	1	20.53	20.78	20.48	21.5	0.0	
Channel				3450000	3490000	3530000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.59	20.78	20.58	21.5	0.0	
Channel				3445000	3490000	3535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	20.56	20.79	20.51	21.5	0.0	
Channel				3440000	3490000	3540000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.57	20.88	20.45	21.5	0.0	
Channel				3435000	3490000	3545000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	20.58	20.78	20.49	21.5	0.0	
Channel				3430000	3490000	3550000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.55	20.80	20.45	21.5	0.0	
Channel				3425000	3490000	3555000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	20.54	20.85	20.53	21.5	0.0	

Reduced Power Mode for ECI6_Other Path

n2 Ant 4_CID37							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	MPR (dB)
Channel				374000	376000	378000	
Frequency (MHz)				1870	1880	1890	
40	PI/2 BPSK	1	1	19.48	19.53	19.41	
40	PI/2 BPSK	1	108	19.26	19.35	19.23	19.8
40	PI/2 BPSK	1	214	19.26	19.31	19.20	
40	PI/2 BPSK	108	0	19.48	19.51	19.26	19.8
40	PI/2 BPSK	108	54	19.21	19.35	19.31	19.8
40	PI/2 BPSK	108	108	19.22	19.38	19.30	
40	PI/2 BPSK	216	0	19.28	19.36	19.37	19.8
40	QPSK	1	1	19.50	19.61	19.53	
40	QPSK	1	108	19.37	19.53	19.43	19.8
40	QPSK	1	214	19.32	19.46	19.38	
40	QPSK	108	0	19.08	19.20	19.20	19.8
40	QPSK	108	54	19.35	19.43	19.40	19.8
40	QPSK	108	108	19.09	19.26	19.14	19.8
40	QPSK	216	0	19.28	19.36	19.19	
40	16QAM	1	1	19.20	19.30	19.20	19.8
40	64QAM	1	1	19.21	19.25	19.08	19.8
40	256QAM	1	1	19.37	19.42	19.36	19.5
Channel				373500	376000	378500	Tune-up limit (dB)
Frequency (MHz)				1867.5	1880	1892.5	MPR (dB)
35	QPSK	1	1	19.41	19.50	19.41	19.8
Channel				373000	376000	379000	Tune-up limit (dB)
Frequency (MHz)				1865	1880	1895	MPR (dB)
30	QPSK	1	1	19.43	19.52	19.42	19.8
Channel				372500	376000	379500	Tune-up limit (dB)
Frequency (MHz)				1862.5	1880	1897.5	MPR (dB)
25	QPSK	1	1	19.39	19.49	19.45	19.8
Channel				372000	376000	380000	Tune-up limit (dB)
Frequency (MHz)				1860	1880	1900	MPR (dB)
20	QPSK	1	1	19.40	19.54	19.39	19.8
Channel				371500	376000	380500	Tune-up limit (dB)
Frequency (MHz)				1857.5	1880	1902.5	MPR (dB)
15	QPSK	1	1	19.39	19.49	19.40	19.8
Channel				371000	376000	381000	Tune-up limit (dB)
Frequency (MHz)				1865	1880	1905	MPR (dB)
10	QPSK	1	1	19.39	19.46	19.46	19.8
Channel				370500	376000	381500	Tune-up limit (dB)
Frequency (MHz)				1862.5	1880	1907.5	MPR (dB)
5	QPSK	1	1	19.40	19.49	19.44	19.8

n25 Ant 4_CID38							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	MPR (dB)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.54	18.56	18.51	
40	PI/2 BPSK	1	108	18.44	18.47	18.37	19.8
40	PI/2 BPSK	1	214	18.47	18.51	18.28	
40	PI/2 BPSK	108	0	18.53	18.62	18.38	19.8
40	PI/2 BPSK	108	54	18.43	18.54	18.36	19.8
40	PI/2 BPSK	108	108	18.30	18.47	18.33	
40	PI/2 BPSK	216	0	18.40	18.41	18.47	19.8
40	QPSK	1	1	18.62	18.68	18.64	
40	QPSK	1	108	18.48	18.62	18.58	19.8
40	QPSK	1	214	18.47	18.67	18.49	
40	QPSK	108	0	18.27	18.38	18.36	19.8
40	QPSK	108	54	18.51	18.56	18.48	19.8
40	QPSK	108	108	18.24	18.37	18.32	19.8
40	QPSK	216	0	18.20	18.37	18.21	
40	16QAM	1	1	18.30	18.51	18.37	19.8
40	64QAM	1	1	18.32	18.36	18.31	19.8
40	256QAM	1	1	18.48	18.58	18.51	19.5
Channel				373500	376500	379500	Tune-up limit (dB)
Frequency (MHz)				1867.5	1882.5	1897.5	MPR (dB)
35	QPSK	1	1	18.47	18.60	18.58	19.8
Channel				373000	376500	380000	Tune-up limit (dB)
Frequency (MHz)				1865	1882.5	1900	MPR (dB)
30	QPSK	1	1	18.48	18.62	18.52	19.8
Channel				372500	376500	380500	Tune-up limit (dB)
Frequency (MHz)				1862.5	1882.5	1902.5	MPR (dB)
25	QPSK	1	1	18.47	18.54	18.49	19.8
Channel				372000	376500	381000	Tune-up limit (dB)
Frequency (MHz)				1860	1882.5	1905	MPR (dB)
20	QPSK	1	1	18.46	18.54	18.59	19.8
Channel				371500	376500	381500	Tune-up limit (dB)
Frequency (MHz)				1857.5	1882.5	1907.5	MPR (dB)
15	QPSK	1	1	18.51	18.54	18.51	19.8
Channel				371000	376500	382000	Tune-up limit (dB)
Frequency (MHz)				1865	1882.5	1910	MPR (dB)
10	QPSK	1	1	18.48	18.55	18.51	19.8
Channel				370500	376500	382500	Tune-up limit (dB)
Frequency (MHz)				1862.5	1882.5	1912.5	MPR (dB)
5	QPSK	1	1	18.58	18.61	18.58	19.8

n66 Ant 4_CID29									
BW (MHz)	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	350000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	20.76	20.80	20.82			
40	PV2 BPSK	1	108	20.65	20.70	20.55	21.5	0.0	
40	PV2 BPSK	1	214	20.63	20.63	20.50			
40	PV2 BPSK	108	0	20.80	20.55	20.57	21.5	0.0	
40	PV2 BPSK	108	54	20.54	20.66	20.63	21.5	0.0	
40	PV2 BPSK	108	108	20.60	20.67	20.53	21.5	0.0	
40	PV2 BPSK	216	0	20.55	20.62	20.58			
40	QPSK	1	1	20.86	20.89	20.87			
40	QPSK	1	108	20.67	20.56	20.77	21.5	0.0	
40	QPSK	1	214	20.74	20.78	20.75			
40	QPSK	108	0	20.40	20.55	20.51	21.5	0.0	
40	QPSK	108	54	20.76	20.84	20.69	21.5	0.0	
40	QPSK	108	108	20.44	20.58	20.47	21.5	0.0	
40	QPSK	216	0	20.39	20.54	20.46			
40	16QAM	1	1	20.67	20.67	20.49	21.5	0.0	
40	64QAM	1	1	20.42	20.74	20.36	21.5	0.0	
40	256QAM	1	1	19.11	19.13	19.21	19.5	2.0	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
30	QPSK	1	1	20.85	20.81	20.86	21.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	20.76	20.80	20.78	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	20.78	20.78	20.85	21.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	20.75	20.80	20.84	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	20.81	20.77	20.85	21.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.83	20.77	20.77	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	20.82	20.81	20.83	21.5	0.0	

Reduced Power Mode for ECI7

n5 Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)
Channel				166500	167300	168100	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	23.25	23.31	23.23	24.0	0.0
20	PI2 BPSK	1	53	23.11	23.30	23.22		
20	PI2 BPSK	1	104	23.25	23.25	23.22	23.5	0.5
20	PI2 BPSK	50	0	22.91	22.98	22.93		
20	PI2 BPSK	50	26	23.12	23.28	23.23	24.0	0.0
20	PI2 BPSK	50	56	22.82	22.94	22.88	23.5	0.5
20	PI2 BPSK	100	0	22.93	22.99	22.82		
20	QPSK	1	1	23.28	23.32	23.26	24.0	0.0
20	QPSK	1	53	23.26	23.31	23.09		
20	QPSK	1	104	23.23	23.28	23.18	23.0	1.0
20	QPSK	50	0	22.25	22.48	22.33		
20	QPSK	50	26	23.27	23.30	23.28	24.0	0.0
20	QPSK	50	56	22.39	22.44	22.42	23.0	1.0
20	QPSK	100	0	22.46	22.47	22.34		
20	16QAM	1	1	22.06	22.06	21.90	23.0	1.0
20	64QAM	1	1	20.51	20.64	20.47	21.5	2.5
20	256QAM	1	1	19.27	19.29	19.16	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	834.5	837.5		
15	QPSK	1	1	23.30	23.18	23.17	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	23.21	23.26	23.10	24.0	0.0
Channel				165300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	23.28	23.15	23.07	24.0	0.0

n12 Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)
Channel				141000	141500	141700	24.0	0.0
Frequency (MHz)				705.5	707.5	709.5		
15	PI2 BPSK	1	1	23.12	23.14	23.16	24.0	0.0
15	PI2 BPSK	1	40	23.02	23.11	23.11		
15	PI2 BPSK	1	77	23.15	23.15	23.16	23.5	0.5
15	PI2 BPSK	36	0	22.94	22.79	22.75		
15	PI2 BPSK	36	22	22.97	23.09	23.07	24.0	0.0
15	PI2 BPSK	36	43	22.56	22.75	22.66	23.5	0.5
15	PI2 BPSK	75	0	22.62	22.77	22.76		
15	QPSK	1	1	23.15	23.15	23.12	24.0	0.0
15	QPSK	1	40	23.09	23.16	22.93		
15	QPSK	1	77	22.91	23.06	22.90	23.0	1.0
15	QPSK	36	0	22.67	22.81	22.64		
15	QPSK	36	22	23.11	23.17	23.15	24.0	0.0
15	QPSK	36	43	22.65	22.72	22.66	23.0	1.0
15	QPSK	75	0	22.69	22.73	22.59		
15	16QAM	1	1	21.77	21.93	21.74	23.0	1.0
15	64QAM	1	1	20.36	20.48	20.34	21.5	2.5
15	256QAM	1	1	18.91	19.12	19.09	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	23.05	23.09	22.99	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	23.04	23.09	22.93	24.0	0.0

n14 Ant 0

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq	Power Middle Ch./Freq	Power High Ch./Freq	Tune-up limit (dBm)	MPR (dB)
Channel				158500	159000	159500	24.0	0.0
Frequency (MHz)				793	793	793		
10	PI2 BPSK	1	1			23.26	24.0	0.0
10	PI2 BPSK	1	26			23.25		
10	PI2 BPSK	1	50			23.12	23.5	0.5
10	PI2 BPSK	25	0			22.91		
10	PI2 BPSK	25	14			23.17	24.0	0.0
10	PI2 BPSK	25	27			22.88	23.5	0.5
10	PI2 BPSK	50	0			22.86		
10	QPSK	1	1			23.29	24.0	0.0
10	QPSK	1	26			23.24		
10	QPSK	1	50			23.24	23.0	1.0
10	QPSK	25	0			22.44		
10	QPSK	25	14			23.21	24.0	0.0
10	QPSK	25	27			22.41	23.0	1.0
10	QPSK	50	0			22.39		
10	16QAM	1	1			22.00	23.0	1.0
10	64QAM	1	1			20.52	21.5	2.5
10	256QAM	1	1			19.18	19.5	4.5
Channel				158100	159000	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	793.5		
5	QPSK	1	1	23.08	23.06	23.08	24.0	0.0

n26 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164300	166300	167600	24.0	0.0	
Frequency (MHz)				824	831.5	838			
20	PV2 BPSK	1	1	23.06	23.26	23.07	24.0	0.0	
20	PV2 BPSK	1	53	23.13	23.23	23.11			
20	PV2 BPSK	1	104	23.30	23.30	23.31			
20	PV2 BPSK	50	0	22.96	22.96	22.82	23.5	0.5	
20	PV2 BPSK	50	26	23.05	23.26	23.14	24.0	0.0	
20	PV2 BPSK	50	55	22.83	22.93	22.89	23.5	0.5	
20	PV2 BPSK	100	0	22.96	22.92	22.93	24.0	0.0	
20	QPSK	1	1	23.25	23.33	23.31			
20	QPSK	1	53	23.26	23.36	23.23			
20	QPSK	1	104	23.17	23.23	23.24	23.0	1.0	
20	QPSK	50	0	22.36	22.41	22.41	23.0	1.0	
20	QPSK	50	26	23.22	23.23	23.21	24.0	0.0	
20	QPSK	50	55	22.38	22.42	22.30	23.0	1.0	
20	QPSK	100	0	22.37	22.41	22.20	23.0	1.0	
20	16QAM	1	1	21.87	22.06	22.00	23.0	1.0	
20	64QAM	1	1	20.60	20.65	20.60	21.5	2.5	
20	256QAM	1	1	19.10	19.26	19.12	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5	24.0	0.0	
15	QPSK	1	1	23.25	23.16	23.10			
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844	24.0	0.0	
10	QPSK	1	1	23.29	23.11	23.12			
Channel				163500	165300	165300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5	24.0	0.0	
5	QPSK	1	1	23.11	23.24	23.13			

n71 Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				136100	136100	136100	24.0	0.0	
Frequency (MHz)				660.5	660.5	660.5			
35	PV2 BPSK	1	1		23.13		24.0	0.0	
35	PV2 BPSK	1	94		23.06				
35	PV2 BPSK	1	185		23.12				
35	PV2 BPSK	94	0		22.73		23.5	0.5	
35	PV2 BPSK	94	47		23.05		24.0	0.0	
35	PV2 BPSK	94	94		22.71		23.5	0.5	
35	PV2 BPSK	188	0		22.72		24.0	0.0	
35	QPSK	1	1		23.15				
35	QPSK	1	94		23.14				
35	QPSK	1	185		23.10		23.0	1.0	
35	QPSK	94	0		22.23		23.0	1.0	
35	QPSK	94	47		23.13		24.0	0.0	
35	QPSK	94	94		22.21		23.0	1.0	
35	QPSK	188	0		22.24		23.0	1.0	
35	16QAM	1	1		21.85		23.0	1.0	
35	64QAM	1	1		20.44		21.5	2.5	
35	256QAM	1	1		19.06		19.5	4.5	
Channel				135600	136100	136600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				658	660.5	663	24.0	0.0	
30	QPSK	1	1	23.12	22.95	23.09			
Channel				135100	136100	137100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				674.5	660.5	665.5	24.0	0.0	
25	QPSK	1	1	22.90	23.00	23.11			
Channel				134600	136100	137600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				673	660.5	668	24.0	0.0	
20	QPSK	1	1	22.90	23.14	22.97			
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				671.5	660.5	690.5	24.0	0.0	
15	QPSK	1	1	23.10	22.95	22.91			
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	660.5	693	24.0	0.0	
10	QPSK	1	1	23.09	22.96	22.93			
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	660.5	695.5	24.0	0.0	
5	QPSK	1	1	23.09	23.03	23.01			

n41 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	Power Ch. 6 (W)
Channel									
Frequency (MHz)									
180	PSS-SSBSC	1	1	21.70	21.74	21.78	21.82	21.86	21.90
180	PSS-SSBSC	1	137	21.70	21.74	21.78	21.82	21.86	21.90
180	PSS-SSBSC	1	275	21.72	21.81	21.91	22.01	22.11	22.21
180	PSS-SSBSC	16	0	21.70	21.78	21.86	21.94	22.02	22.10
180	PSS-SSBSC	126	66	22.11	21.97	22.14	22.00	22.17	22.03
180	PSS-SSBSC	126	136	21.82	22.04	21.94	22.16	22.06	22.28
180	PSS-SSBSC	256	0	21.65	22.12	21.75	22.22	21.85	22.32
180	QPSK	1	1	21.15	22.23	22.16	22.24	22.32	22.40
180	QPSK	1	137	21.15	22.27	22.16	22.30	22.19	22.33
180	QPSK	1	275	21.95	22.08	22.02	22.15	22.09	22.22
180	QPSK	126	0	22.02	22.17	22.02	22.17	22.02	22.17
180	QPSK	126	66	22.12	22.21	22.20	22.29	22.28	22.37
180	QPSK	126	136	22.00	22.19	21.78	22.01	22.20	22.39
180	QPSK	256	0	21.94	22.22	21.87	22.30	22.24	22.47
180	QPSK	256	136	21.75	21.72	21.81	21.78	21.87	21.84
180	QPSK	256	275	21.78	21.94	21.97	22.00	22.03	22.06
180	QPSK	256	1	22.24	22.14	22.04	21.94	21.84	21.74
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.45	22.11	22.06	22.12	22.17	22.22
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.99	22.30	22.02	22.10	22.18	22.26
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.07	22.21	22.13	22.19	22.25	22.31
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.15	22.11	22.10	22.12	22.13	22.14
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.04	22.20	22.08	22.15	22.22	22.29
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.12	21.14	21.10	21.12	21.14	21.16
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.88	22.17	22.13	22.17	22.21	22.25
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.17	22.03	21.96	22.01	22.06	22.11
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.10	22.11	22.10	22.11	22.11	22.12
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.10	22.09	22.08	22.09	22.09	22.10

n41 PC2 Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. 1 (W)	Power Ch. 2 (W)	Power Ch. 3 (W)	Power Ch. 4 (W)	Power Ch. 5 (W)	Power Ch. 6 (W)
Channel									
Frequency (MHz)									
180	PSS-SSBSC	1	1	21.70	21.74	21.78	21.82	21.86	21.90
180	PSS-SSBSC	1	137	21.70	21.74	21.78	21.82	21.86	21.90
180	PSS-SSBSC	1	275	21.72	21.81	21.91	22.01	22.11	22.21
180	PSS-SSBSC	16	0	21.70	21.78	21.86	21.94	22.02	22.10
180	PSS-SSBSC	126	66	22.11	21.97	22.14	22.00	22.17	22.03
180	PSS-SSBSC	126	136	21.82	22.04	21.94	22.16	22.06	22.28
180	PSS-SSBSC	256	0	21.65	22.12	21.75	22.22	21.85	22.32
180	QPSK	1	1	21.15	22.23	22.16	22.24	22.32	22.40
180	QPSK	1	137	21.15	22.27	22.16	22.30	22.19	22.33
180	QPSK	1	275	21.95	22.08	22.02	22.15	22.09	22.22
180	QPSK	126	0	22.02	22.17	22.02	22.17	22.02	22.17
180	QPSK	126	66	22.12	22.21	22.20	22.29	22.28	22.37
180	QPSK	126	136	22.00	22.19	21.78	22.01	22.20	22.39
180	QPSK	256	0	21.94	22.22	21.87	22.30	22.24	22.47
180	QPSK	256	136	21.75	21.72	21.81	21.78	21.87	21.84
180	QPSK	256	275	21.78	21.94	21.97	22.00	22.03	22.06
180	QPSK	256	1	22.24	22.14	22.04	21.94	21.84	21.74
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.45	22.11	22.06	22.12	22.17	22.22
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.99	22.30	22.02	22.10	22.18	22.26
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.07	22.21	22.13	22.19	22.25	22.31
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.15	22.11	22.10	22.12	22.13	22.14
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.04	22.20	22.08	22.15	22.22	22.29
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.12	21.14	21.10	21.12	21.14	21.16
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.88	22.17	22.13	22.17	22.21	22.25
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.17	22.03	21.96	22.01	22.06	22.11
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.10	22.09	22.08	22.09	22.09	22.10
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.09	22.04	22.06	22.01	22.03	22.04

n2 Ant 1

n2 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency [MHz]								
40	PI2 BPSK	1	1	20.70	20.78	20.61	21.8	0.0
40	PI2 BPSK	1	108	20.72	20.62	20.62		
40	PI2 BPSK	1	214	20.61	20.65	20.55		
40	PI2 BPSK	108	0	20.65	20.80	20.59		
40	PI2 BPSK	108	54	20.61	20.69	20.54	21.8	0.0
40	PI2 BPSK	108	108	20.51	20.67	20.55	21.8	0.0
40	PI2 BPSK	216	0	20.54	20.62	20.59	21.8	0.0
40	QPSK	1	1	20.75	20.94	20.85		
40	QPSK	1	108	20.63	20.74	20.69		
40	QPSK	1	214	20.96	20.70	20.69		
40	QPSK	108	0	20.90	20.45	20.54	21.8	0.0
40	QPSK	108	54	20.64	20.83	20.88	21.8	0.0
40	QPSK	108	108	20.49	20.61	20.59	21.8	0.0
40	QPSK	216	0	20.57	20.67	20.48	21.8	0.0
40	16QAM	1	1	20.96	20.65	20.59		
40	64QAM	1	1	20.96	20.44	20.35		
40	256QAM	1	1	19.04	19.02	18.88		
Channel								
Frequency [MHz]								
35	QPSK	1	1	20.77	20.73	20.78	21.8	0.0
Channel								
Frequency [MHz]								
30	QPSK	1	1	20.77	20.80	20.71	21.8	0.0
Channel								
Frequency [MHz]								
25	QPSK	1	1	20.71	20.78	20.68	21.8	0.0
Channel								
Frequency [MHz]								
20	QPSK	1	1	20.71	20.76	20.73	21.8	0.0
Channel								
Frequency [MHz]								
15	QPSK	1	1	20.67	20.73	20.73	21.8	0.0
Channel								
Frequency [MHz]								
10	QPSK	1	1	20.75	20.81	20.76	21.8	0.0
Channel								
Frequency [MHz]								
5	QPSK	1	1	20.70	20.76	20.71	21.8	0.0

n7 Ant 1

n7 Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	18.84	18.92	18.80	20.2	0.0
50	PI2 BPSK	1	135	18.73	18.77	18.63		
50	PI2 BPSK	1	268	18.65	18.80	18.63		
50	PI2 BPSK	135	0	18.82	18.93	18.74		
50	PI2 BPSK	135	68	18.64	18.70	18.64	20.2	0.0
50	PI2 BPSK	135	135	18.62	18.75	18.59	20.2	0.0
50	PI2 BPSK	270	0	18.71	18.72	18.70	20.2	0.0
50	QPSK	1	1	18.91	18.89	18.95		
50	QPSK	1	135	18.78	18.90	18.92		
50	QPSK	1	268	18.77	18.84	18.78		
50	QPSK	135	0	18.48	18.57	18.61	20.2	0.0
50	QPSK	135	68	18.72	18.68	18.71	20.2	0.0
50	QPSK	135	135	18.56	18.64	18.56	20.2	0.0
50	QPSK	270	0	18.65	18.69	18.58	20.2	0.0
50	16QAM	1	1	18.54	18.74	18.83		
50	64QAM	1	1	18.53	18.68	18.55		
50	256QAM	1	1	18.63	18.73	18.55		
Channel								
Frequency (MHz)								
40	QPSK	1	1	18.84	18.86	18.88	20.2	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	18.78	18.92	18.80	20.2	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	18.81	18.92	18.89	20.2	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	18.84	18.93	18.80	20.2	0.0
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	18.76	18.91	18.86	20.2	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	18.80	18.87	18.85	20.2	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	18.80	18.89	18.83	20.2	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	18.82	18.86	18.89	20.2	0.0

n25 Ant 1

n25 Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	20.74	20.78	20.60	21.8	0.0
40	PI2 BPSK	1	108	20.67	20.60	20.60		
40	PI2 BPSK	1	214	20.96	20.65	20.52		
40	PI2 BPSK	108	0	20.70	20.83	20.64		
40	PI2 BPSK	108	54	20.97	20.70	20.55	21.8	0.0
40	PI2 BPSK	108	108	20.93	20.69	20.56	21.8	0.0
40	PI2 BPSK	216	0	20.57	20.64	20.63	21.8	0.0
40	QPSK	1	1	20.91	20.91	20.93		
40	QPSK	1	108	20.62	20.78	20.75		
40	QPSK	1	214	20.81	20.75	20.70		
40	QPSK	108	0	20.46	20.50	20.51	21.8	0.0
40	QPSK	108	54	20.65	20.89	20.64	21.8	0.0
40	QPSK	108	108	20.49	20.64	20.54	21.8	0.0
40	QPSK	216	0	20.57	20.68	20.51	21.8	0.0
40	16QAM	1	1	20.92	20.62	20.54		
40	64QAM	1	1	20.96	20.44	20.36		
40	256QAM	1	1	19.03	19.04	18.93		
Channel								
Frequency (MHz)								
35	QPSK	1	1	20.72	20.75	20.74	21.8	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	20.73	20.78	20.79	21.8	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	20.66	20.74	20.67	21.8	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	20.73	20.83	20.78	21.8	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	20.73	20.89	20.74	21.8	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	20.75	20.78	20.68	21.8	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	20.70	20.82	20.67	21.8	0.0

n30 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				462500			21.1	0.0	
Frequency (MHz)				2310					
10	PV2 BPSK	1	1	19.94			21.1	0.0	
10	PV2 BPSK	1	26	19.78					
10	PV2 BPSK	1	50	19.80			21.1	0.0	
10	PV2 BPSK	25	0	19.91					
10	PV2 BPSK	25	14	19.76			21.1	0.0	
10	PV2 BPSK	25	27	19.74					
10	PV2 BPSK	50	0	19.78			21.1	0.0	
10	QPSK	1	1	20.01					
10	QPSK	1	26	19.91			21.1	0.0	
10	QPSK	1	50	19.98					
10	QPSK	25	0	19.65			21.1	0.0	
10	QPSK	25	14	19.65					
10	QPSK	25	27	19.66			21.1	0.0	
10	QPSK	50	0	19.80					
10	16QAM	1	1	19.79			21.1	0.0	
10	64QAM	1	1	19.74					
10	256QAM	1	1	19.21			19.5	1.6	
Channel				461500	462500				
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	1	19.80	19.91	19.85	21.1	0.0	

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				345000		349000	21.1	0.0	
Frequency (MHz)				1730		1745			
40	PV2 BPSK	1	1	20.06	20.11	19.94	21.1	0.0	
40	PV2 BPSK	1	108	19.93	20.02	19.84			
40	PV2 BPSK	1	214	19.91	20.00	19.77	21.1	0.0	
40	PV2 BPSK	108	0	20.11	20.18	19.95			
40	PV2 BPSK	108	54	19.90	19.99	19.91	21.1	0.0	
40	PV2 BPSK	108	108	19.85	19.99	19.87			
40	PV2 BPSK	216	0	19.89	20.00	19.80	21.1	0.0	
40	QPSK	1	1	20.10	20.25	20.18			
40	QPSK	1	108	19.94	20.09	20.05	21.1	0.0	
40	QPSK	1	214	19.98	20.11	20.04			
40	QPSK	108	0	19.79	19.85	19.79	21.1	0.0	
40	QPSK	108	54	20.06	20.22	20.02			
40	QPSK	108	108	19.84	19.99	19.81	21.1	0.0	
40	QPSK	216	0	19.85	19.94	19.87			
40	16QAM	1	1	19.86	19.97	19.84	21.1	0.0	
40	64QAM	1	1	19.80	19.95	19.73			
40	256QAM	1	1	18.78	18.97	18.78	19.5	1.6	
Channel				345000	349000	353000			
Frequency (MHz)				1727.5	1745	1762.5	Tune-up limit (dBm)		MPR (dB)
35	QPSK	1	1	19.99	20.08	20.14	21.1	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1762.5	Tune-up limit (dBm)		MPR (dB)
30	QPSK	1	1	19.97	20.13	20.05	21.1	0.0	
Channel				344500	349000	353500			
Frequency (MHz)				1722.5	1745	1767.5	Tune-up limit (dBm)		MPR (dB)
25	QPSK	1	1	19.94	20.12	20.14	21.1	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)		MPR (dB)
20	QPSK	1	1	20.04	20.07	20.06	21.1	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)		MPR (dB)
15	QPSK	1	1	20.02	20.12	20.09	21.1	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)		MPR (dB)
10	QPSK	1	1	20.04	20.10	20.07	21.1	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	1	20.03	20.15	20.03	21.1	0.0	
Channel				342000	349000	356000			
Frequency (MHz)				1710	1745	1780	Tune-up limit (dBm)		MPR (dB)

n70 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				345000		349500	21.6	0.0	
Frequency (MHz)				1702.5					
15	PV2 BPSK	1	1		20.08		21.6	0.0	
15	PV2 BPSK	1	40		19.92				
15	PV2 BPSK	1	77		19.94		21.6	0.0	
15	PV2 BPSK	36	0		20.16				
15	PV2 BPSK	36	22		19.95		21.6	0.0	
15	PV2 BPSK	36	43		20.00				
15	PV2 BPSK	75	0		19.92		21.6	0.0	
15	QPSK	1	1		20.21				
15	QPSK	1	40		20.04		21.6	0.0	
15	QPSK	1	77		20.10				
15	QPSK	36	0		19.83		21.6	0.0	
15	QPSK	36	22		20.10				
15	QPSK	36	43		19.88		21.6	0.0	
15	QPSK	75	0		19.98				
15	16QAM	1	1		19.90		21.6	0.0	
15	64QAM	1	1		19.94				
15	256QAM	1	1		18.94		19.5	1.6	
Channel				345000	349500	354000			
Frequency (MHz)				1700	1702.5	1705	Tune-up limit (dBm)		MPR (dB)
10	QPSK	1	1	20.02	20.13	20.07	21.6	0.0	
Channel				339500	345000	349500			
Frequency (MHz)				1697.5	1702.5	1707.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	1	19.97	20.15	19.99	21.6	0.0	
Channel				339000	345000	349000			
Frequency (MHz)				1695	1700	1705	Tune-up limit (dBm)		MPR (dB)

n41 PC2&3 Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	20.8	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.43	19.53	19.32		
100	PI/2 BPSK	1	137	19.27	19.36	19.27		
100	PI/2 BPSK	1	271	19.28	19.36	19.25	20.8	0.0
100	PI/2 BPSK	135	0	19.41	19.59	19.27		
100	PI/2 BPSK	135	69	19.33	19.41	19.34		
100	PI/2 BPSK	135	138	19.26	19.40	19.28		
100	PI/2 BPSK	270	0	19.30	19.38	19.36	20.8	0.0
100	QPSK	1	1	19.50	19.61	19.57		
100	QPSK	1	137	19.37	19.55	19.48		
100	QPSK	1	271	19.38	19.56	19.36		
100	QPSK	135	0	19.15	19.27	19.24	20.8	0.0
100	QPSK	135	69	19.38	19.48	19.38	20.8	0.0
100	QPSK	135	138	19.20	19.29	19.21	20.8	0.0
100	QPSK	270	0	19.33	19.41	19.20	20.8	0.0
100	16QAM	1	1	19.19	19.35	19.27		
100	64QAM	1	1	19.19	19.28	19.09		
100	256QAM	1	1	19.20	19.36	19.23		
Channel				532000	518598	533998	20.8	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	19.36	19.45	19.41		
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.37	19.48	19.42		
Channel				502704	518598	534498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
70	QPSK	1	1	19.40	19.57	19.52		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.41	19.48	19.47		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.45	19.49	19.42		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.42	19.52	19.44		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.39	19.50	19.51		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.40	19.56	19.47		
Channel				500700	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2602.5	2592.99	2682.48		
15	QPSK	1	1	19.34	19.49	19.47		
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	19.35	19.54	19.50		

n48 Part96 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				640000	641666	643332	14.3	0.0	
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	12.37	12.36	12.39	14.3	0.0	
100	PI2 BPSK	1	137	12.38	12.37	12.40			
100	PI2 BPSK	1	271	12.35	12.36	12.31			
100	PI2 BPSK	135	0	12.32	12.45	12.33	14.3	0.0	
100	PI2 BPSK	135	69	12.33	12.41	12.36			
100	PI2 BPSK	135	135	12.31	12.36	12.31			
100	PI2 BPSK	270	0	12.34	12.37	12.33	14.3	0.0	
100	QPSK	1	1	12.40	12.51	12.45			
100	QPSK	1	137	12.34	12.37	12.32			
100	QPSK	1	271	12.33	12.36	12.36	14.3	0.0	
100	QPSK	135	0	12.31	12.31	12.32			
100	QPSK	135	69	12.35	12.48	12.40			
100	QPSK	135	135	12.33	12.34	12.36	14.3	0.0	
100	QPSK	270	0	12.36	12.37	12.35			
100	16QAM	1	1	12.37	12.32	12.31	14.3	0.0	
100	64QAM	1	1	12.32	12.34	12.32			
100	256QAM	1	1	12.33	12.33	12.31			
Channel				636668	641666	646366	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3065.02	3024.99	3054.99	14.3	0.0	
90	QPSK	1	1	12.35	12.42	12.40	14.3	0.0	
Channel				639334	641666	646000			
Frequency (MHz)				3060.01	3024.99	3060	14.3	0.0	
80	QPSK	1	1	12.33	12.39	12.41	14.3	0.0	
Channel				639000	641666	646332			
Frequency (MHz)				3065.01	3024.99	3064.98	14.3	0.0	
70	QPSK	1	1	12.30	12.39	12.33	14.3	0.0	
Channel				638668	641666	646366			
Frequency (MHz)				3060.02	3024.99	3069.99	14.3	0.0	
60	QPSK	1	1	12.34	12.47	12.37	14.3	0.0	
Channel				638334	641666	646000			
Frequency (MHz)				3275.01	3024.99	3075	14.3	0.0	
50	QPSK	1	1	12.35	12.39	12.33	14.3	0.0	
Channel				637634	641666	646000			
Frequency (MHz)				3067.51	3024.99	3062.5	14.3	0.0	
40	QPSK	1	1	12.34	12.45	12.33	14.3	0.0	
Channel				637668	641666	646668			
Frequency (MHz)				3066.62	3024.99	3064.99	14.3	0.0	
30	QPSK	1	1	12.31	12.40	12.33	14.3	0.0	
Channel				637234	641666	646000			
Frequency (MHz)				3060.01	3024.99	3060	14.3	0.0	
20	QPSK	1	1	12.33	12.41	12.40	14.3	0.0	
Channel				637168	641666	646168			
Frequency (MHz)				3059.62	3024.99	3062.49	14.3	0.0	
15	QPSK	1	1	12.31	12.35	12.35	14.3	0.0	
Channel				637000	641666	646332			
Frequency (MHz)				3055	3024.99	3064.98	14.3	0.0	
10	QPSK	1	1	12.36	12.40	12.34	14.3	0.0	
Channel				636934	641666	646332			
Frequency (MHz)				3055	3024.99	3064.98	14.3	0.0	

Part270 n77 PC3/PC2Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	11.19	11.12	11.06	12.7	0.0	
100	PI2 BPSK	1	137	10.98	11.09	10.95			
100	PI2 BPSK	1	271	10.92	11.06	10.89			
100	PI2 BPSK	135	0	11.16	11.24	10.98	12.7	0.0	
100	PI2 BPSK	135	69	10.93	11.11	11.03			
100	PI2 BPSK	135	135	10.97	11.08	10.96			
100	PI2 BPSK	270	0	10.97	11.00	10.93	12.7	0.0	
100	QPSK	1	1	11.13	11.28	11.26			
100	QPSK	1	137	11.02	11.21	11.11			
100	QPSK	1	271	11.04	11.24	11.14	12.7	0.0	
100	QPSK	135	0	10.88	10.88	10.92			
100	QPSK	135	69	11.04	11.20	11.07			
100	QPSK	135	135	10.80	10.98	10.90	12.7	0.0	
100	QPSK	270	0	10.99	11.04	10.87			
100	16QAM	1	1	10.86	10.96	10.85	12.7	0.0	
100	16QAM	1	1	10.89	10.90	10.85			
100	256QAM	1	1	10.88	10.94	10.91			
Channel				646668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01			
90	QPSK	1	1	10.98	11.23	11.19	12.7	0.0	
Channel				649334	660000	662668			
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	10.99	11.16	11.22	12.7	0.0	
Channel				649000	660000	663000			
Frequency (MHz)				3735	3840	3945			
70	QPSK	1	1	10.98	11.18	11.13	12.7	0.0	
Channel				648668	650000	663334			
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	11.05	11.23	11.20	12.7	0.0	
Channel				648334	660000	663668			
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	11.07	11.14	11.13	12.7	0.0	
Channel				648000	660000	664000			
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	11.07	11.16	11.12	12.7	0.0	
Channel				647668	650000	664334			
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	11.05	11.16	11.16	12.7	0.0	
Channel				647500	660000	664500			
Frequency (MHz)				3712.5	3840	3967.5			
25	QPSK	1	1	11.05	11.13	11.15	12.7	0.0	
Channel				647251	650000	664968			
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	11.00	11.16	11.22	12.7	0.0	
Channel				647168	660000	664634			
Frequency (MHz)				3707.52	3840	3972.51			
15	QPSK	1	1	11.05	11.21	11.15	12.7	0.0	
Channel				647000	660000	665090			
Frequency (MHz)				3705	3840	3975			
10	QPSK	1	1	10.98	11.23	11.14	12.7	0.0	
Channel				646834	660000	665168			
Frequency (MHz)				3700	3840	3975			

Part270Q n77 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				630000	633334	636668	12.7	0.0	
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PI2 BPSK	1	1	11.11			12.7	0.0	
100	PI2 BPSK	1	137	10.94					
100	PI2 BPSK	1	271	10.97					
100	PI2 BPSK	135	0	11.17	11.01	11.01	12.7	0.0	
100	PI2 BPSK	135	69		11.01		12.7	0.0	
100	PI2 BPSK	135	136		11.01		12.7	0.0	
100	PI2 BPSK	270	0	10.93			12.7	0.0	
100	QPSK	1	1	11.24			12.7	0.0	
100	QPSK	1	137	11.12					
100	QPSK	1	271	11.10					
100	QPSK	135	0	10.90			12.7	0.0	
100	QPSK	135	69		11.14		12.7	0.0	
100	QPSK	135	136		10.94		12.7	0.0	
100	QPSK	270	0	11.04			12.7	0.0	
100	16QAM	1	1	11.03			12.7	0.0	
100	64QAM	1	1	10.94			12.7	0.0	
100	256QAM	1	1	10.98			12.7	0.0	
Channel				630000	633334	636668	12.7	0.0	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	11.04	11.18	11.07	12.7	0.0	
Channel				630000	633334	636600	12.7	MPR (dB)	
Frequency (MHz)				3495.02	3500.01	3510.0			
80	QPSK	1	1	10.97	11.07	11.07	12.7	0.0	
Channel				630000	633334	633334	12.7	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	11.05	11.16	11.07	12.7	0.0	
Channel				630000	633334	636608	12.7	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	11.00	11.17	11.12	12.7	0.0	
Channel				631166	633334	635000	12.7	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525.0			
50	QPSK	1	1	11.08	11.17	11.12	12.7	0.0	
Channel				631334	633334	635334	12.7	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	10.96	11.16	11.03	12.7	0.0	
Channel				631100	633334	635000	12.7	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	11.06	11.10	11.13	12.7	0.0	
Channel				630634	633334	635834	12.7	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	11.02	11.13	11.03	12.7	0.0	
Channel				630999	633334	635000	12.7	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540.0			
20	QPSK	1	1	11.08	11.11	11.10	12.7	0.0	
Channel				630500	633334	635808	12.7	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.82			
15	QPSK	1	1	11.02	11.16	11.06	12.7	0.0	
Channel				630334	633334	635834	12.7	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	11.04	11.13	11.12	12.7	0.0	

Part27O n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		11.18				
100	PI2 BPSK	1	137		11.08		12.7	0.0	
100	PI2 BPSK	1	271		11.06				
100	PI2 BPSK	135	0		11.30		12.7	0.0	
100	PI2 BPSK	135	69		11.08		12.7	0.0	
100	PI2 BPSK	135	138		11.10				
100	PI2 BPSK	270	0		11.06		12.7	0.0	
100	QPSK	1	1		11.31				
100	QPSK	1	137		11.17		12.7	0.0	
100	QPSK	1	271		11.22				
100	QPSK	135	0		10.90		12.7	0.0	
100	QPSK	135	69		11.26		12.7	0.0	
100	QPSK	135	138		11.01		12.7	0.0	
100	QPSK	270	0		11.00				
100	16QAM	1	1		10.91		12.7	0.0	
100	64QAM	1	1		10.82		12.7	0.0	
100	256QAM	1	1		10.96		12.7	0.0	
Channel				649968	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		10.84	11.27	11.16	12.7	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		11.01	11.21	11.15	12.7	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		10.98	11.22	11.24	12.7	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		10.98	11.28	11.23	12.7	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		10.93	11.26	11.25	12.7	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		10.98	11.27	11.25	12.7	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		10.97	11.19	11.15	12.7	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		11.01	11.26	11.18	12.7	0.0
Channel				647000	650000	652998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.02			
20	QPSK	1	1		10.96	11.29	11.17	12.7	0.0
Channel				647168	650000	653634	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		10.98	11.25	11.18	12.7	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		10.93	11.20	11.25	12.7	0.0

Part27Q n78 PC2 Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		11.08				
100	PI2 BPSK	1	137		11.03		12.7	0.0	
100	PI2 BPSK	1	271		10.83				
100	PI2 BPSK	135	0		11.17		12.7	0.0	
100	PI2 BPSK	135	69		10.93		12.7	0.0	
100	PI2 BPSK	135	138		10.95				
100	PI2 BPSK	270	0		10.99		12.7	0.0	
100	QPSK	1	1		11.26				
100	QPSK	1	137		11.08		12.7	0.0	
100	QPSK	1	271		11.11				
100	QPSK	135	0		10.82		12.7	0.0	
100	QPSK	135	69		11.11		12.7	0.0	
100	QPSK	135	138		10.92		12.7	0.0	
100	QPSK	270	0		10.93				
100	16QAM	1	1		10.77		12.7	0.0	
100	64QAM	1	1		10.76		12.7	0.0	
100	256QAM	1	1		10.85		12.7	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		10.82	11.20	11.15	12.7	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		10.81	11.23	11.09	12.7	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		10.80	11.22	11.08	12.7	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		10.87	11.22	11.04	12.7	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		10.88	11.17	11.09	12.7	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		10.78	11.12	11.11	12.7	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		10.84	11.15	11.01	12.7	0.0
Channel				630634	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		10.85	11.15	11.09	12.7	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		10.90	11.20	11.06	12.7	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		10.84	11.22	11.02	12.7	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		10.86	11.21	11.05	12.7	0.0

n2 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Incl (dBm)	MTTS (dB)
Channel									
Frequency (MHz)				14.5	14.5	14.5	14.5		
40	Full BPSK	1	1	12.78	12.80	12.80	12.80		
40	Full BPSK	1	104	12.83	12.82	12.82	12.82	14.0	0.0
40	Full BPSK	1	214	12.85	12.80	12.80	12.80		
40	Full BPSK	1	324	12.85	12.78	12.78	12.78	14.0	0.0
40	Full BPSK	104	54	12.49	12.58	12.58	12.58	14.0	0.0
40	Full BPSK	104	164	12.45	12.55	12.55	12.55	14.0	0.0
40	Full BPSK	104	274	12.25	12.80	12.80	12.80		
40	QPSK	1	1	12.77	12.87	12.71	12.71		
40	QPSK	1	104	12.81	12.80	12.80	12.80	14.0	0.0
40	QPSK	1	214	12.83	12.72	12.54	12.54		
40	QPSK	104	1	12.81	12.52	12.42	12.42	14.0	0.0
40	QPSK	104	54	12.49	12.71	12.59	12.59	14.0	0.0
40	QPSK	104	164	12.43	12.55	12.69	12.69	14.0	0.0
40	QPSK	204	2	12.44	12.66	12.47	12.47		
40	QPSK	1	1	12.54	12.56	12.45	12.45	14.0	0.0
40	QPSK	1	1	12.34	12.56	12.31	12.45	14.0	0.0
40	QPSK	1	1	12.24	12.45	12.41	12.41	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
10	QPSK	1	1	12.45	12.81	12.80	12.80	14.0	0.0
10	QPSK	1	1	12.45	12.81	12.80	12.80	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
30	QPSK	1	1	12.71	12.76	12.67	12.67	14.0	0.0
30	QPSK	1	1	12.71	12.76	12.67	12.67	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
20	QPSK	1	1	12.63	12.78	12.67	12.67	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
10	QPSK	1	1	12.73	12.68	12.58	12.58	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
10	QPSK	1	1	12.69	12.75	12.65	12.65	14.0	0.0
Channel									
Frequency (MHz)				37000	37000	37000	37000	Turnup Incl (dBm)	MTTS (dB)
5	QPSK	1	1	12.72	12.76	12.64	12.64	14.0	0.0

n5 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Incl (dBm)	MTTS (dB)
Channel									
Frequency (MHz)				14.4	14.5	14.4	14.4		
20	Full BPSK	1	1	12.78	12.84	12.71	12.71		
20	Full BPSK	1	35	12.73	12.78	12.63	12.63	21.9	0.0
20	Full BPSK	1	104	12.65	12.67	12.65	12.65		
20	Full BPSK	35	1	12.65	12.69	12.65	12.65	21.9	0.0
20	Full BPSK	104	35	12.60	12.61	12.64	12.64	21.9	0.0
20	Full BPSK	104	164	12.55	12.68	12.61	12.61	21.9	0.0
20	Full BPSK	104	274	12.55	12.65	12.61	12.61		
20	QPSK	1	1	12.59	12.58	12.55	12.55		
20	QPSK	1	35	12.60	12.63	12.61	12.61	21.9	0.0
20	QPSK	1	104	12.61	12.62	12.61	12.61		
20	QPSK	35	1	12.61	12.65	12.62	12.62	21.9	0.0
20	QPSK	104	25	12.67	12.61	12.61	12.61	21.9	0.0
20	QPSK	104	55	12.67	12.61	12.64	12.64	21.9	0.0
20	QPSK	104	164	12.67	12.61	12.64	12.64		
20	QPSK	1	1	12.57	12.71	12.61	12.61	21.9	0.0
20	QPSK	1	1	12.64	12.62	12.65	12.65	21.9	0.4
20	QPSK	1	1	12.75	12.62	12.61	12.61	14.0	2.4
Channel									
Frequency (MHz)				14000	14000	14000	14000	Turnup Incl (dBm)	MTTS (dB)
15	QPSK	1	1	12.4	12.55	12.4	12.4		
15	QPSK	1	1	12.53	12.57	12.51	12.51	21.9	0.0
Channel									
Frequency (MHz)				14000	14000	14000	14000	Turnup Incl (dBm)	MTTS (dB)
10	QPSK	1	1	12.49	12.56	12.4	12.4	21.9	0.0
Channel									
Frequency (MHz)				14000	14000	14000	14000	Turnup Incl (dBm)	MTTS (dB)
5	QPSK	1	1	12.55	12.54	12.51	12.51	21.9	0.0

n12 Ant 4									
BSS (MHz)	Modulation	RB Count	SB Offset	Power Level Ch. 1 (W)	Power Level Ch. 2 (W)	Power Level Ch. 3 (W)	Power Level Ch. 4 (W)	Turnup Incl (dBm)	MTTS (dB)
Channel									
Frequency (MHz)				14.5	14.5	14.5	14.5		
10	Full BPSK	1	1	12.78	12.78	12.71	12.71		
10	Full BPSK	1	46	12.64	12.75	12.68	12.68	22.4	0.0
10	Full BPSK	1	77	12.64	12.74	12.68	12.68		
10	Full BPSK	46	1	12.74	12.69	12.68	12.68	22.4	0.0
10	Full BPSK	100	22	12.63	12.78	12.62	12.62	22.4	0.0
10	Full BPSK	100	42	12.65	12.68	12.67	12.67	22.4	0.0
10	Full BPSK	100	62	12.67	12.65	12.64	12.64		
10	QPSK	1	1	12.59	12.55	12.51	12.51		
10	QPSK	1	46	12.70	12.70	12.74	12.74	22.4	0.0
10	QPSK	1	77	12.69	12.71	12.71	12.71		
10	QPSK	46	1	12.64	12.62	12.67	12.67	22.4	0.0
10	QPSK	100	22	12.70	12.77	12.70	12.70	22.4	0.0
10	QPSK	100	42	12.69	12.69	12.68	12.68	22.4	0.0
10	QPSK	100	62	12.67	12.71	12.66	12.66		
10	QPSK	1	1	12.52	12.66	12.55	12.54	14.0	0.0
10	QPSK	1	1	12.35	12.56	12.52	12.52	14.0	0.0
10	QPSK	1	1	12.21	12.52	12.51	12.51	14.0	0.0
Channel									
Frequency (MHz)				14000	14000	14000	14000	Turnup Incl (dBm)	MTTS (dB)
10	QPSK	1	1	12.4	12.54	12.4	12.4		
Channel									
Frequency (MHz)				14000	14000	14000	14000	Turnup Incl (dBm)	MTTS (dB)
5	QPSK	1	1	12.49	12.56	12.52	12.52	22.4	0.0

n14 Ant 4									
BSS (MHz)	Modulation	RB Size	SP Offset	Power (Ch./Freq.)	Power Slope (Ch./Freq.)	Power Floor (Ch./Freq.)	Turn-on rate (dB/s)	MPE	
Channel									
Frequency (MHz)									
10	Full BPSK	1	1	21.40			22.7	0.0	
10	Full BPSK	1	35	21.29					
10	Full BPSK	1	50	21.24					
10	Full BPSK	20	0	21.42					
10	Full BPSK	20	14	21.30					
10	Full BPSK	20	27	21.36			22.7	0.0	
10	Full BPSK	20	0	21.28					
10	QPSK	1	1	21.52					
10	QPSK	1	35	21.43			22.7	0.0	
10	QPSK	1	50	21.47					
10	QPSK	20	0	21.18			22.7	0.0	
10	QPSK	20	14	21.26			22.7	0.0	
10	QPSK	20	27	21.26			22.7	0.0	
10	QPSK	20	0	21.30					
10	QPSK	1	1	21.21			22.7	0.0	
10	QPSK	1	1	20.92			21.5	1.2	
10	QPSK	1	1	19.10			19.5	3.2	
Channel				19.000	19.000	19.000	Turn-on rate (dB/s)	19.5	3.2
Frequency (MHz)									
5	QPSK	1	1	21.26	21.26	21.25	22.7	0.0	

n25 Ant 4									
BSS (MHz)	Modulation	RB Size	SP Offset	Power Level Ch./Freq.	Power Slope Ch./Freq.	Power Floor Ch./Freq.	Turnup Rate (dB/s)	MPE (dB)	
Channel									
Frequency (MHz)									
40	Full BPSK	1	1	12.04	12.70	12.00	14.0	0.0	
40	Full BPSK	1	104	12.05	12.02	12.00			
40	Full BPSK	1	214	12.02	12.70	12.00			
40	Full BPSK	100	0	12.00	12.03	12.00			
40	Full BPSK	100	54	12.01	12.06	12.00			
40	Full BPSK	100	100	12.06	12.77	12.00	14.0	0.0	
40	Full BPSK	100	0	12.01	12.07	12.00			
40	QPSK	1	1	12.07	12.03	12.00			
40	QPSK	1	104	12.07	12.02	12.00	14.0	0.0	
40	QPSK	1	214	12.08	12.04	12.00			
40	QPSK	100	0	12.06	12.01	12.00	14.0	0.0	
40	QPSK	100	54	12.74	12.71	12.70	14.0	0.0	
40	QPSK	100	100	12.04	12.05	12.00	14.0	0.0	
40	QPSK	1	1	12.07	12.70	12.00			
40	QPSK	1	1	12.00	12.01	12.00			
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
35	QPSK	1	1	12.03	12.03	12.00		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
30	QPSK	1	1	12.74	12.00	12.70		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
25	QPSK	1	1	12.74	12.07	12.00		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
20	QPSK	1	1	12.74	12.06	12.70		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
15	QPSK	1	1	12.72	12.06	12.70		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
10	QPSK	1	1	12.72	12.03	12.70		14.0	0.0
Channel				37.000	37.000	37.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
5	QPSK	1	1	12.00	12.02	12.70		14.0	0.0

n26 Ant 4									
BSS (MHz)	Modulation	RB Size	SP Offset	Power Level Ch./Freq.	Power Slope Ch./Freq.	Power Floor Ch./Freq.	Turnup Rate (dB/s)	MPE (dB)	
Channel									
Frequency (MHz)									
20	Full BPSK	1	1	20.28	20.24	20.20		21.0	0.0
20	Full BPSK	1	35	20.19	20.26	20.10			
20	Full BPSK	1	104	20.15	20.17	20.01			
20	Full BPSK	100	0	20.10	20.10	20.10			
20	Full BPSK	100	36	20.13	20.10	20.01			
20	Full BPSK	100	72	20.06	20.03	20.01		21.0	0.0
20	Full BPSK	100	0	20.12	20.11	20.10			
20	QPSK	1	1	20.39	20.40	20.38			
20	QPSK	1	35	20.17	20.10	20.00		21.0	0.0
20	QPSK	1	104	20.21	20.10	20.00			
20	QPSK	100	0	20.01	20.13	20.07		21.0	0.0
20	QPSK	100	36	20.00	20.10	20.00		21.0	0.0
20	QPSK	100	72	20.01	20.21	20.00		21.0	0.0
20	QPSK	100	0	20.11	20.00	20.00			
20	QPSK	1	1	20.11	20.10	20.00		21.0	0.0
20	QPSK	1	1	20.00	20.10	19.98		21.0	0.4
20	QPSK	1	1	19.11	19.14	19.00		19.5	2.4
Channel				19.000	19.000	19.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
15	QPSK	1	1	20.15	20.10	20.00		21.0	0.0
Channel				19.000	19.000	19.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
10	QPSK	1	1	20.09	20.14	20.00		21.0	0.0
Channel				19.000	19.000	19.000	Turnup Rate (dB/s)	19.5	3.2
Frequency (MHz)									
5	QPSK	1	1	20.01	20.11	20.00		21.0	0.0

[illegible]

n41 PC2&3 Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				506202	518598	528900	13.8	0.0	
Frequency (MHz)				2541.01	2592.99	2644.98			
100	PI/2 BPSK	1	1	12.67	12.69	12.68			
100	PI/2 BPSK	1	137	12.48	12.59	12.42			
100	PI/2 BPSK	1	271	12.52	12.52	12.40	13.8	0.0	
100	PI/2 BPSK	135	0	12.60	12.66	12.48			
100	PI/2 BPSK	135	69	12.40	12.57	12.53			
100	PI/2 BPSK	135	138	12.39	12.58	12.40			
100	PI/2 BPSK	270	0	12.45	12.57	12.51	13.8	0.0	
100	QPSK	1	1	12.63	12.76	12.67			
100	QPSK	1	137	12.51	12.65	12.66			
100	QPSK	1	271	12.59	12.66	12.58			
100	QPSK	135	0	12.31	12.34	12.41	13.8	0.0	
100	QPSK	135	69	12.52	12.66	12.60	13.8	0.0	
100	QPSK	135	138	12.35	12.44	12.34	13.8	0.0	
100	QPSK	270	0	12.49	12.56	12.41			
100	16QAM	1	1	12.38	12.51	12.43			
100	64QAM	1	1	12.39	12.42	12.31			
100	256QAM	1	1	12.38	12.49	12.40	13.8	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	12.58	12.68	12.54	13.8	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	12.57	12.70	12.55	13.8	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	12.49	12.70	12.59	13.8	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	12.51	12.63	12.58	13.8	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	12.55	12.64	12.53	13.8	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	12.49	12.69	12.54	13.8	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.99			
30	QPSK	1	1	12.51	12.65	12.52	13.8	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	12.47	12.64	12.52	13.8	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	12.55	12.65	12.59	13.8	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	12.47	12.72	12.58	13.8	0.0	

n48 Part96 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				60000	64166	64332			
Frequency (MHz)				3000.00	3024.99	3049.98			
100	PI2 BPSK	1	1	14.32	14.37	14.21	15.4	0.0	
100	PI2 BPSK	1	137	14.18	14.22	14.16			
100	PI2 BPSK	1	271	14.18	14.24	14.04			
100	PI2 BPSK	135	0	14.38	14.38	14.11	15.4	0.0	
100	PI2 BPSK	135	69	14.08	14.21	14.15	15.4	0.0	
100	PI2 BPSK	135	138	14.09	14.25	14.05	15.4	0.0	
100	PI2 BPSK	270	0	14.11	14.21	14.15			
100	QPSK	1	1	14.37	14.45	14.39			
100	QPSK	1	137	14.21	14.38	14.25	15.4	0.0	
100	QPSK	1	271	14.25	14.37	14.24	15.4	0.0	
100	QPSK	135	0	13.95	14.02	14.02			
100	QPSK	135	69	14.22	14.37	14.17			
100	QPSK	135	138	14.07	14.13	14.01	15.4	0.0	
100	QPSK	270	0	14.08	14.18	14.11	15.4	0.0	
100	16QAM	1	1	14.01	14.19	14.03			
100	64QAM	1	1	14.01	14.18	14.02			
100	256QAM	1	1	13.25	13.28	13.12	13.5	1.9	
Channel				636668	641666	643666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055.02	3024.99	3054.99	15.4	0.0	
90	QPSK	1	1	14.33	14.30	14.32			
Channel				633334	641666	644333	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3050.01	3024.99	3060 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
80	QPSK	1	1	14.23	14.40	14.32			
Channel				639000	641666	644332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055 <th>3024.99</th> <th>3054.98<td rowspan="2">15.4</td><td rowspan="2">0.0</td><td rowspan="2"></td></th>	3024.99	3054.98 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
70	QPSK	1	1	14.30	14.32	14.27			
Channel				638668	641666	644666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.02	3024.99	3069.99 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
60	QPSK	1	1	14.24	14.38	14.31			
Channel				638334	641666	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3070.01	3024.99	3075 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
50	QPSK	1	1	14.24	14.39	14.28			
Channel				639000	641666	645332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3070	3024.99	3079.98 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
40	QPSK	1	1	14.30	14.33	14.35			
Channel				637668	641666	645666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3065.02	3024.99	3064.99 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
30	QPSK	1	1	14.25	14.39	14.24			
Channel				637334	641666	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3060.01	3024.99	3060 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
20	QPSK	1	1	14.21	14.32	14.30			
Channel				637168	641666	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3057.01	3024.99	3052.49 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
15	QPSK	1	1	14.25	14.39	14.27			
Channel				637000	641666	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3055	3024.99	3054.98 <td rowspan="2">15.4</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.4	0.0	
10	QPSK	1	1	14.26	14.40	14.30			

Part270 n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				665000	666000	662000			
Frequency (MHz)				3761	3840	3930			
100	PI2 BPSK	1	1	13.65	13.60	13.50	15.2	0.0	
100	PI2 BPSK	1	137	13.48	13.57	13.39			
100	PI2 BPSK	1	271	13.39	13.49	13.41			
100	PI2 BPSK	135	0	13.56	13.72	13.42	15.2	0.0	
100	PI2 BPSK	135	69	13.47	13.49	13.51	15.2	0.0	
100	PI2 BPSK	135	138	13.43	13.55	13.41	15.2	0.0	
100	PI2 BPSK	270	0	13.50	13.56	13.42			
100	QPSK	1	1	13.69	13.76	13.66			
100	QPSK	1	137	13.48	13.62	13.62	15.2	0.0	
100	QPSK	1	271	13.51	13.62	13.61	15.2	0.0	
100	QPSK	135	0	13.30	13.37	13.37			
100	QPSK	135	69	13.55	13.60	13.56			
100	QPSK	135	138	13.37	13.52	13.34	15.2	0.0	
100	QPSK	270	0	13.42	13.50	13.40	15.2	0.0	
100	16QAM	1	1	13.32	13.45	13.41			
100	64QAM	1	1	13.33	13.46	13.28			
100	256QAM	1	1	13.41	13.49	13.38	15.2	0.0	
Channel				646668	660000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01 <td rowspan="2">15.2</td> <td rowspan="2"></td> <td rowspan="2"></td>	15.2		
90	QPSK	1	1	13.60	13.67	13.56			
Channel				646334	660000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02 <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	15.2	0.0	
80	QPSK	1	1	13.58	13.64	13.53			
Channel				646000	660000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735 <td>3840</td> <td>3945</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3945	15.2	0.0	
70	QPSK	1	1	13.62	13.62	13.59			
Channel				646668	660000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02 <td>3840</td> <td>3950.01</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3950.01	15.2	0.0	
60	QPSK	1	1	13.57	13.62	13.61			
Channel				646334	660000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01 <td>3840</td> <td>3955.02</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3955.02	15.2	0.0	
50	QPSK	1	1	13.62	13.71	13.60			
Channel				646000	660000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720 <td>3840</td> <td>3960</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3960	15.2	0.0	
40	QPSK	1	1	13.55	13.67	13.60			
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02 <td>3840</td> <td>3965.01</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3965.01	15.2	0.0	
30	QPSK	1	1	13.55	13.62	13.57			
Channel				647000	660000	664500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5 <td>3840</td> <td>3967.5</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3967.5	15.2	0.0	
25	QPSK	1	1	13.56	13.69	13.55			
Channel				647334	660000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01 <td>3840</td> <td>3970.02</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3970.02	15.2	0.0	
20	QPSK	1	1	13.60	13.64	13.58			
Channel				647168	660000	664834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52 <td>3840</td> <td>3972.51</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3972.51	15.2	0.0	
15	QPSK	1	1	13.63	13.65	13.51			
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705 <td>3840</td> <td>3975</td> <td rowspan="2">15.2</td> <td rowspan="2">0.0</td> <td rowspan="2"></td>	3840	3975	15.2	0.0	
10	QPSK	1	1	13.56	13.71	13.59			

Part270Q n77 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334				
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		14.55		15.2	0.0	
100	PI2 BPSK	1	137		14.40				
100	PI2 BPSK	1	271		14.42				
100	PI2 BPSK	135	0		14.40		15.2	0.0	
100	PI2 BPSK	135	69		14.45		15.2	0.0	
100	PI2 BPSK	135	138		14.49		15.2	0.0	
100	PI2 BPSK	270	0		14.37				
100	QPSK	1	1		14.66				
100	QPSK	1	137		14.53		15.2	0.0	
100	QPSK	1	271		14.54		15.2	0.0	
100	QPSK	135	0		14.23		15.2	0.0	
100	QPSK	135	69		14.29		15.2	0.0	
100	QPSK	135	138		14.42		15.2	0.0	
100	QPSK	270	0		14.48				
100	16QAM	1	1		14.37				
100	64QAM	1	1		14.31		15.2	0.0	
100	256QAM	1	1		14.31		15.2	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3496	3500.01	3505.02			
90	QPSK	1	1	14.52	14.58	14.54	15.2	0.0	
Channel				633068	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	14.41	14.57	14.51	15.2	0.0	
Channel				633224	633334	633534			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	14.51	14.55	14.55	15.2	0.0	
Channel				633000	633334	634968			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	14.53	14.41	14.46	15.2	0.0	
Channel				631668	633334	633000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	14.41	14.57	14.53	15.2	0.0	
Channel				631534	633334	633534			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	14.43	14.51	14.51	15.2	0.0	
Channel				631001	633334	633534			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	14.42	14.53	14.47	15.2	0.0	
Channel				630634	633334	633634			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1	14.48	14.49	14.52	15.2	0.0	
Channel				630668	633334	633000			
Frequency (MHz)				3462.02	3500.01	3535.00			
20	QPSK	1	1	14.46	14.56	14.57	15.2	0.0	
Channel				630500	633334	633668			
Frequency (MHz)				3457.9	3500.01	3542.82			
15	QPSK	1	1	14.44	14.49	14.52	15.2	0.0	
Channel				630334	633334	633534			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	14.45	14.56	14.56	15.2	0.0	

Part27O n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		13.54				
100	PI2 BPSK	1	137		13.54		15.2	0.0	
100	PI2 BPSK	1	271		13.45				
100	PI2 BPSK	135	0		13.77		15.2	0.0	
100	PI2 BPSK	135	69		13.49		15.2	0.0	
100	PI2 BPSK	135	138		13.58				
100	PI2 BPSK	270	0		13.80		15.2	0.0	
100	QPSK	1	1		13.80				
100	QPSK	1	137		13.84		15.2	0.0	
100	QPSK	1	271		13.60				
100	QPSK	135	0		13.39		15.2	0.0	
100	QPSK	135	69		13.55		15.2	0.0	
100	QPSK	135	138		13.46		15.2	0.0	
100	QPSK	270	0		13.55				
100	16QAM	1	1		13.46		15.2	0.0	
100	64QAM	1	1		13.52		15.2	0.0	
100	256QAM	1	1		13.54		15.2	0.0	
Channel				649698	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		13.61	13.72	13.51	15.2	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		13.61	13.68	13.60	15.2	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		13.54	13.69	13.53	15.2	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		13.65	13.62	13.56	15.2	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		13.62	13.72	13.55	15.2	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		13.56	13.70	13.57	15.2	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1		13.65	13.67	13.57	15.2	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
25	QPSK	1	1		13.65	13.72	13.57	15.2	0.0
Channel				647000	650000	652900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
20	QPSK	1	1		13.62	13.68	13.56	15.2	0.0
Channel				646668	650000	653234	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3700.01	3750	3800.01			
15	QPSK	1	1		13.60	13.70	13.51	15.2	0.0
Channel				646334	650000	653568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3695	3750	3805			
10	QPSK	1	1		13.55	13.72	13.61	15.2	0.0

Part27Q n78 PC2 Ant 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		14.61				
100	PI2 BPSK	1	137		14.38		15.2	0.0	
100	PI2 BPSK	1	271		14.47				
100	PI2 BPSK	135	0		14.58		15.2	0.0	
100	PI2 BPSK	135	69		14.46		15.2	0.0	
100	PI2 BPSK	135	138		14.49				
100	PI2 BPSK	270	0		14.46		15.2	0.0	
100	QPSK	1	1		14.62				
100	QPSK	1	137		14.58		15.2	0.0	
100	QPSK	1	271		14.53				
100	QPSK	135	0		14.24		15.2	0.0	
100	QPSK	135	69		14.56		15.2	0.0	
100	QPSK	135	138		14.45		15.2	0.0	
100	QPSK	270	0		14.45				
100	16QAM	1	1		14.36		15.2	0.0	
100	64QAM	1	1		14.28		15.2	0.0	
100	256QAM	1	1		14.26		15.2	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		14.50	14.55	14.53	15.2	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		14.57	14.53	14.59	15.2	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		14.46	14.50	14.42	15.2	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		14.54	14.58	14.50	15.2	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		14.57	14.61	14.59	15.2	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		14.46	14.60	14.56	15.2	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3536.02			
30	QPSK	1	1		14.53	14.61	14.57	15.2	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.01	3500.01	3537.01			
25	QPSK	1	1		14.47	14.55	14.57	15.2	0.0
Channel				630334	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		14.57	14.55	14.58	15.2	0.0
Channel				630000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.0	3500.01	3542.02			
15	QPSK	1	1		14.55	14.55	14.54	15.2	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		14.54	14.53	14.51	15.2	0.0

n48 Part96 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				66000	64166	64332			
Frequency (MHz)				3600	3624.99	3649.98			
100	PI2 BPSK	1	1	14.51	14.49	14.35	15.7	0.0	
100	PI2 BPSK	1	137	14.35	14.40	14.34			
100	PI2 BPSK	1	271	14.35	14.37	14.24			
100	PI2 BPSK	135	0	14.48	14.57	14.38	15.7	0.0	
100	PI2 BPSK	135	69	14.36	14.45	14.33	15.7	0.0	
100	PI2 BPSK	135	138	14.29	14.41	14.25	15.7	0.0	
100	PI2 BPSK	270	0	14.27	14.44	14.40			
100	QPSK	1	1	14.50	14.64	14.61			
100	QPSK	1	137	14.41	14.54	14.50	15.7	0.0	
100	QPSK	1	271	14.43	14.55	14.43	15.7	0.0	
100	QPSK	135	0	14.21	14.31	14.18			
100	QPSK	135	69	14.43	14.52	14.42			
100	QPSK	135	138	14.27	14.38	14.29	15.7	0.0	
100	QPSK	270	0	14.31	14.38	14.31	15.7	0.0	
100	16QAM	1	1	14.28	14.31	14.29			
100	64QAM	1	1	14.29	14.26	14.19			
100	256QAM	1	1	13.18	13.35	13.16	13.5	2.2	
Channel				63968	64166	64366	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595.02	3624.99	3654.99	(dBm)	(dB)	
90	QPSK	1	1	14.42	14.50	14.54	15.7	0.0	
Channel				63334	64166	64500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.01	3624.99	3660	(dBm)	(dB)	
80	QPSK	1	1	14.36	14.57	14.54	15.7	0.0	
Channel				63900	64166	64432	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3595	3624.99	3664.88	(dBm)	(dB)	
70	QPSK	1	1	14.40	14.51	14.54	15.7	0.0	
Channel				63868	64166	64568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3590.02	3624.99	3669.99	(dBm)	(dB)	
60	QPSK	1	1	14.41	14.59	14.57	15.7	0.0	
Channel				638334	64166	645000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3575.01	3624.99	3675	(dBm)	(dB)	
50	QPSK	1	1	14.40	14.50	14.51	15.7	0.0	
Channel				638000	64166	64532	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3570	3624.99	3679.98	(dBm)	(dB)	
40	QPSK	1	1	14.43	14.54	14.45	15.7	0.0	
Channel				63768	64166	64568	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3565.92	3624.99	3684.99	(dBm)	(dB)	
30	QPSK	1	1	14.43	14.56	14.53	15.7	0.0	
Channel				637334	64166	646000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3560.01	3624.99	3690	(dBm)	(dB)	
20	QPSK	1	1	14.36	14.49	14.46	15.7	0.0	
Channel				637168	64166	646168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3657.63	3624.99	3692.49	(dBm)	(dB)	
15	QPSK	1	1	14.44	14.54	14.56	15.7	0.0	
Channel				637000	64166	646332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3655	3624.99	3694.98	(dBm)	(dB)	
10	QPSK	1	1	14.36	14.60	14.57	15.7	0.0	

Part270 n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				660000	660000	660000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	13.95	14.00	13.79	14.8	0.0	
100	PI2 BPSK	1	137	13.82	13.87	13.73			
100	PI2 BPSK	1	271	13.80	13.78	13.73			
100	PI2 BPSK	135	0	13.95	13.95	13.80	14.8	0.0	
100	PI2 BPSK	135	69	13.78	13.89	13.78	14.8	0.0	
100	PI2 BPSK	135	138	13.68	13.83	13.69	14.8	0.0	
100	PI2 BPSK	270	0	13.79	13.84	13.82			
100	QPSK	1	1	13.97	14.08	14.01			
100	QPSK	1	137	13.85	13.97	13.96	14.8	0.0	
100	QPSK	1	271	13.80	13.98	13.85	14.8	0.0	
100	QPSK	135	0	13.61	13.69	13.64			
100	QPSK	135	69	13.82	13.91	13.85			
100	QPSK	135	138	13.70	13.81	13.71	14.8	0.0	
100	QPSK	270	0	13.71	13.77	13.69	14.8	0.0	
100	16QAM	1	1	13.74	13.85	13.72			
100	64QAM	1	1	13.70	13.70	13.58			
100	256QAM	1	1	13.77	13.83	13.66	14.8	0.0	
Channel				646668	660000	662334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3745.02	3840	3935.01	(dBm)	(dB)	
90	QPSK	1	1	13.82	14.02	13.94	14.8	0.0	
Channel				646334	660000	662668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	13.88	13.98	13.93	14.8	0.0	
Channel				646000	660000	663000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	QPSK	1	1	13.83	13.98	13.96	14.8	0.0	
Channel				646668	660000	663334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	13.84	14.03	13.90	14.8	0.0	
Channel				646334	660000	663668	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	13.92	13.92	13.94	14.8	0.0	
Channel				646000	660000	664000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	QPSK	1	1	13.89	13.94	13.93	14.8	0.0	
Channel				647668	660000	664334	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3718.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	13.83	13.97	13.87	14.8	0.0	
Channel				647000	660000	664600	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3712.5	3840	3967.5 <td>(dBm)</td> <td colspan="2">(dB)</td>	(dBm)	(dB)	
25	QPSK	1	1	13.89	14.00	13.90	14.8	0.0	
Channel				647334	660000	664968	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	13.88	13.98	13.95	14.8	0.0	
Channel				647168	660000	664834	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3707.52	3840	3972.51	(dBm)	(dB)	
15	QPSK	1	1	13.87	14.02	13.92	14.8	0.0	
Channel				647000	660000	665000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				3705	3840	3975	(dBm)	(dB)	
10	QPSK	1	1	13.89	13.98	13.94	14.8	0.0	

Part270Q n77 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			3500.01		
Frequency (MHz)									
100	PI2 BPSK	1	1	13.94					
100	PI2 BPSK	1	137	13.82			14.8	0.0	
100	PI2 BPSK	1	271	13.88					
100	PI2 BPSK	135	0	14.04					
100	PI2 BPSK	135	69	13.92			14.8	0.0	
100	PI2 BPSK	135	138	13.88					
100	PI2 BPSK	270	0	13.89					
100	QPSK	1	1	14.11			14.8	0.0	
100	QPSK	1	137	13.97					
100	QPSK	1	271	14.05					
100	QPSK	135	0	13.70			14.8	0.0	
100	QPSK	135	69	14.02					
100	QPSK	135	138	13.83					
100	QPSK	270	0	13.89			14.8	0.0	
100	16QAM	1	1	13.90					
100	64QAM	1	1	13.74					
100	256QAM	1	1	13.75			14.8	0.0	
Channel				633200	633334	633666			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1	13.90	14.00	13.94	14.8	0.0	
Channel				632668	633334	634000	3500.01		MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	13.99	13.97	13.91			
Channel				632334	633334	634334	3500.01		MPR (dB)
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	13.90	13.99	13.95			
Channel				632000	633334	634666	3500.01		MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	13.91	14.02	13.94			
Channel				631668	633334	635000	3500.01		MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	13.89	13.99	13.94			
Channel				631334	633334	635334	3500.01		MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	13.93	14.04	13.92			
Channel				631000	633334	635666	3500.01		MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	13.92	13.97	14.00			
Channel				630684	633334	635984	3500.01		MPR (dB)
Frequency (MHz)				3462.01	3500.01	3537.61			
25	QPSK	1	1	13.96	14.01	13.94			
Channel				630368	633334	636300	3500.01		MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	13.91	14.00	13.93			
Channel				630050	633334	636666	3500.01		MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1	13.90	13.99	13.95			
Channel				630034	633334	636334	3500.01		MPR (dB)
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	13.94	14.03	14.03			

Part27O n78 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1		13.89				
100	PI2 BPSK	1	137		13.77		14.8	0.0	
100	PI2 BPSK	1	271		13.68				
100	PI2 BPSK	135	0		13.82		14.8	0.0	
100	PI2 BPSK	135	69		13.73		14.8	0.0	
100	PI2 BPSK	135	138		13.74				
100	PI2 BPSK	270	0		13.76		14.8	0.0	
100	QPSK	1	1		14.01				
100	QPSK	1	137		13.83		14.8	0.0	
100	QPSK	1	271		13.92				
100	QPSK	135	0		13.82		14.8	0.0	
100	QPSK	135	69		13.85		14.8	0.0	
100	QPSK	135	138		13.74		14.8	0.0	
100	QPSK	270	0		13.82				
100	16QAM	1	1		13.76		14.8	0.0	
100	64QAM	1	1		13.54		14.8	0.0	
100	256QAM	1	1		13.69		14.8	0.0	
Channel				649698	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		13.63	13.97	13.89	14.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1		13.68	13.96	13.85	14.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		13.72	13.95	13.86	14.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		13.71	13.91	13.86	14.8	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		13.75	13.89	13.87	14.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		13.73	13.89	13.79	14.8	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3716.02	3750	3785.01			
30	QPSK	1	1		13.68	13.91	13.83	14.8	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		13.67	13.97	13.88	14.8	0.0
Channel				647000	650000	652999	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3800.00			
20	QPSK	1	1		13.69	13.95	13.83	14.8	0.0
Channel				647168	650000	653034	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		13.73	13.97	13.88	14.8	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		13.72	13.89	13.79	14.8	0.0

Part27Q n78 PC2 Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		13.80				
100	PI2 BPSK	1	137		13.69		14.8	0.0	
100	PI2 BPSK	1	271		13.81				
100	PI2 BPSK	135	0		13.99		14.8	0.0	
100	PI2 BPSK	135	69		13.85		14.8	0.0	
100	PI2 BPSK	135	138		13.83				
100	PI2 BPSK	270	0		13.73		14.8	0.0	
100	QPSK	1	1		14.00				
100	QPSK	1	137		13.87		14.8	0.0	
100	QPSK	1	271		13.95				
100	QPSK	135	0		13.54		14.8	0.0	
100	QPSK	135	69		13.90		14.8	0.0	
100	QPSK	135	138		13.72		14.8	0.0	
100	QPSK	270	0		13.75				
100	16QAM	1	1		13.80		14.8	0.0	
100	64QAM	1	1		13.67		14.8	0.0	
100	256QAM	1	1		13.73		14.8	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		13.76	13.95	13.83	14.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510.01			
80	QPSK	1	1		13.75	13.96	13.85	14.8	0.0
Channel				632334	633334	634334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		13.75	13.94	13.83	14.8	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		13.75	13.88	13.86	14.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		13.85	13.85	13.85	14.8	0.0
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		13.77	13.93	13.79	14.8	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		13.85	13.85	13.84	14.8	0.0
Channel				630668	633334	635834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		13.78	13.88	13.80	14.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		13.81	13.94	13.88	14.8	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		13.82	13.88	13.80	14.8	0.0
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		13.80	13.94	13.86	14.8	0.0

n48 Part96 Ant 9									
BW (MHz)	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	PV2 BPSK	1	1	17.76	17.70	17.64	18.9	0.0	
100	PV2 BPSK	1	137	17.50	17.61	17.45			
100	PV2 BPSK	1	271	17.47	17.64	17.38			
100	PV2 BPSK	135	0	17.69	17.77	17.56	18.9	0.0	
100	PV2 BPSK	135	69	17.54	17.57	17.49	18.9	0.0	
100	PV2 BPSK	135	138	17.48	17.57	17.53	18.9	0.0	
100	PV2 BPSK	270	0	17.57	17.57	17.53	18.9	0.0	
100	QPSK	1	1	17.80	17.86	17.81			
100	QPSK	1	137	17.81	17.78	17.65			
100	QPSK	1	271	17.82	17.76	17.58	18.9	0.0	
100	QPSK	135	0	17.35	17.44	17.36	18.9	0.0	
100	QPSK	135	69	17.59	17.64	17.58	18.9	0.0	
100	QPSK	135	138	17.36	17.51	17.39	18.9	0.0	
100	QPSK	270	0	17.56	17.59	17.49	18.9	0.0	
100	16QAM	1	1	17.46	17.60	17.43	18.9	0.0	
100	64QAM	1	1	17.45	17.54	17.37	18.9	0.0	
100	256QAM	1	1	17.51	17.50	17.43	18.9	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	17.69	17.62	17.67	18.9	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.75	17.69	17.66	18.9	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	17.70	17.77	17.67	18.9	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.66	17.70	17.68	18.9	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	17.70	17.69	17.71	18.9	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.69	17.73	17.66	18.9	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.69	17.75	17.70	18.9	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.69	17.76	17.76	18.9	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.65	17.78	17.72	18.9	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.65	17.70	17.73	18.9	0.0	

Part270 n77 PC2 Ant 9									
BW (MHz)	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	PV2 BPSK	1	1	16.08	16.12	15.99	17.7	0.0	
100	PV2 BPSK	1	137	15.90	15.98	15.86			
100	PV2 BPSK	1	271	15.85	15.92	15.85			
100	PV2 BPSK	135	0	16.01	16.17	15.87	17.7	0.0	
100	PV2 BPSK	135	69	15.92	15.97	15.87	17.7	0.0	
100	PV2 BPSK	135	138	15.87	15.98	15.85	17.7	0.0	
100	PV2 BPSK	270	0	15.86	16.02	15.88	17.7	0.0	
100	QPSK	1	1	16.13	16.24	16.12			
100	QPSK	1	137	16.01	16.07	16.00			
100	QPSK	1	271	15.96	16.12	16.05	17.7	0.0	
100	QPSK	135	0	15.77	15.79	15.79			
100	QPSK	135	69	15.95	16.21	15.98			
100	QPSK	135	138	15.77	15.93	15.84	17.7	0.0	
100	QPSK	270	0	15.86	15.96	15.79	17.7	0.0	
100	16QAM	1	1	15.76	15.97	15.82	17.7	0.0	
100	64QAM	1	1	15.81	15.86	15.80	17.7	0.0	
100	256QAM	1	1	15.85	15.87	15.81	17.7	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.02	16.09	15.97	17.7	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.03	16.09	16.02	17.7	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.04	16.08	15.98	17.7	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.06	16.11	16.03	17.7	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.08	16.05	16.07	17.7	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.04	16.09	15.96	17.7	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.06	16.16	16.00	17.7	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.03	16.08	16.00	17.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.00	16.10	16.00	17.7	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.08	16.15	15.98	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.06	16.11	16.00	17.7	0.0	

Part27Q n77 PC2 Ant 9									
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	PV2 BPSK	1	1	3416	16.04		17.7	0.0	
100	PV2 BPSK	1	137	3416	15.88				
100	PV2 BPSK	1	271	3416	15.86				
100	PV2 BPSK	135	0	3416	16.09		17.7	0.0	
100	PV2 BPSK	135	69	3416	15.88		17.7	0.0	
100	PV2 BPSK	135	138	3416	15.85		17.7	0.0	
100	PV2 BPSK	270	0	3416	15.86		17.7	0.0	
100	QPSK	1	1	3416	16.12		17.7	0.0	
100	QPSK	1	137	3416	15.96				
100	QPSK	1	271	3416	15.99				
100	QPSK	135	0	3416	15.82		17.7	0.0	
100	QPSK	135	69	3416	15.95		17.7	0.0	
100	QPSK	135	138	3416	15.88		17.7	0.0	
100	QPSK	270	0	3416	16.04		17.7	0.0	
100	16QAM	1	1	3416	15.87		17.7	0.0	
100	64QAM	1	1	3416	15.79		17.7	0.0	
100	256QAM	1	1	3416	15.88		17.7	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	63300	63334	63368	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	63300	63334	63368	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	1	63266	63334	63400	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	3416	3500	3510	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.87	16.07	16.05	17.7	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	63266	63334	63416	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.87	16.00	16.04	17.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	3416	3500	3525	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.89	16.07	16.02	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	63134	63334	63534	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	1	3416	3500	3535	17.7	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.85	15.97	16.04	17.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	63100	63334	63568	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	3465	3500	3535	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.92	16.00	16.03	17.7	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	63074	63334	63574	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
25	QPSK	1	1	3462.51	3500	3537.51	17.7	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.91	15.96	16.00	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	63068	63334	63600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	3460.02	3500	3540	17.7	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.82	16.04	16.04	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	63500	63334	63816	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	3457.5	3500	3542.52	17.7	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	15.94	15.96	16.01	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	63034	63334	63634	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	3458.51	3500	3545.51	17.7	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.91	16.08	16.01	17.7	0.0	

Part27O n78 PC2 Ant 9									
BW (MHz)	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)				3750	3750	3750			
100	PI2 BPSK	1	1		16.06				
100	PI2 BPSK	1	137		15.84		17.7	0.0	
100	PI2 BPSK	1	271		15.87				
100	PI2 BPSK	135	0		16.11		17.7	0.0	
100	PI2 BPSK	135	69		15.88		17.7	0.0	
100	PI2 BPSK	135	138		15.93		17.7	0.0	
100	PI2 BPSK	270	0		15.87				
100	QPSK	1	1		16.15				
100	QPSK	1	137		15.98		17.7	0.0	
100	QPSK	1	271		16.03				
100	QPSK	135	0		15.77		17.7	0.0	
100	QPSK	135	69		15.94		17.7	0.0	
100	QPSK	135	138		15.79				
100	QPSK	270	0		15.90		17.7	0.0	
100	16QAM	1	1		15.85		17.7	0.0	
100	64QAM	1	1		15.75		17.7	0.0	
100	256QAM	1	1		15.82		17.7	0.0	
Channel				649662	650000	650334			
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	1		15.94	15.97	15.83	17.7	0.0
Channel				649334	650000	650668			
Frequency (MHz)				3749.01	3750	3750.02			
80	QPSK	1	1		15.95	15.99	15.92	17.7	0.0
Channel				649000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	1		15.93	15.94	15.88	17.7	0.0
Channel				648668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1		15.98	16.03	15.90	17.7	0.0
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1		15.89	15.95	15.89	17.7	0.0
Channel				648000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		15.92	15.97	15.81	17.7	0.0
Channel				647668	650000	652334			
Frequency (MHz)				3716.02	3750	3786.01			
30	QPSK	1	1		15.91	16.05	15.88	17.7	0.0
Channel				647300	650000	652500			
Frequency (MHz)				3712.5	3750	3797.5			
25	QPSK	1	1		15.98	16.00	15.88	17.7	0.0
Channel				647000	650000	652800			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1		15.86	15.95	15.85	17.7	0.0
Channel				646668	650000	653054			
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	1		15.91	15.99	15.89	17.7	0.0
Channel				646300	650000	653300			
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		15.92	15.95	15.84	17.7	0.0

Part27Q n78 PC2 Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01					
100	PI2 BPSK	1	1		15.96				
100	PI2 BPSK	1	137		15.83		17.7	0.0	
100	PI2 BPSK	1	271		15.79				
100	PI2 BPSK	135	0		15.99		17.7	0.0	
100	PI2 BPSK	135	69		15.81		17.7	0.0	
100	PI2 BPSK	135	138		15.73		17.7	0.0	
100	PI2 BPSK	270	0		15.71				
100	QPSK	1	1		15.98				
100	QPSK	1	137		15.88		17.7	0.0	
100	QPSK	1	271		15.94				
100	QPSK	135	0		15.72		17.7	0.0	
100	QPSK	135	69		15.89		17.7	0.0	
100	QPSK	135	138		15.72				
100	QPSK	270	0		15.78		17.7	0.0	
100	16QAM	1	1		15.82		17.7	0.0	
100	64QAM	1	1		15.77		17.7	0.0	
100	256QAM	1	1		15.82		17.7	0.0	
Channel				633000	633334	633668			
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	1		15.79	15.84	15.96	17.7	0.0
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1		15.81	15.84	15.95	17.7	0.0
Channel				632334	633334	634334			
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1		15.79	15.90	15.92	17.7	0.0
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1		15.74	15.92	15.96	17.7	0.0
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1		15.76	15.85	15.96	17.7	0.0
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1		15.85	15.86	15.93	17.7	0.0
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1		15.83	15.87	15.95	17.7	0.0
Channel				630668	633334	635834			
Frequency (MHz)				3462.51	3500.01	3537.51			
25	QPSK	1	1		15.77	15.88	16.00	17.7	0.0
Channel				630334	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1		15.80	15.88	15.96	17.7	0.0
Channel				630000	633334	636168			
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	1		15.82	15.83	15.93	17.7	0.0
Channel				630334	633334	636334			
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1		15.84	15.82	15.90	17.7	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	18.6	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.38	17.41	17.37		
100	PI/2 BPSK	1	137	17.25	17.35	17.29		
100	PI/2 BPSK	1	271	17.28	17.27	17.09	18.6	0.0
100	PI/2 BPSK	135	0	17.43	17.44	17.28		
100	PI/2 BPSK	135	69	17.24	17.32	17.28		
100	PI/2 BPSK	135	138	17.22	17.34	17.26		
100	PI/2 BPSK	270	0	17.29	17.36	17.31	18.6	0.0
100	QPSK	1	1	17.44	17.56	17.52		
100	QPSK	1	137	17.34	17.40	17.41		
100	QPSK	1	271	17.28	17.50	17.35		
100	QPSK	135	0	17.13	17.19	17.12	18.6	0.0
100	QPSK	135	69	17.37	17.49	17.33	18.6	0.0
100	QPSK	135	138	17.18	17.26	17.12	18.6	0.0
100	QPSK	270	0	17.27	17.28	17.17	18.6	0.0
100	16QAM	1	1	17.14	17.30	17.13	18.6	0.0
100	64QAM	1	1	17.18	17.30	17.08	18.6	0.0
100	256QAM	1	1	17.25	17.27	17.17	18.6	0.0
Channel				528200	518598	528998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	17.35	17.47	17.44	18.6	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	17.33	17.42	17.39	18.6	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	17.32	17.52	17.46	18.6	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	17.39	17.50	17.41	18.6	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	17.30	17.46	17.44	18.6	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	17.36	17.47	17.48	18.6	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	17.37	17.43	17.40	18.6	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	17.38	17.44	17.45	18.6	0.0
Channel				500100	518598	536996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2493.5	2592.99	2682.48		
15	QPSK	1	1	17.39	17.50	17.45	18.6	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	17.36	17.46	17.41	18.6	0.0

Reduced Power Mode for EC17_Other PA

n2 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376000	378000			
Frequency (MHz)				1870	1880	1890			
40	PI/2 BPSK	1	1	20.52	20.75	20.68	21.8	0.0	
40	PI/2 BPSK	1	108	20.56	20.62	20.66			
40	PI/2 BPSK	1	214	20.41	20.54	20.33			
40	PI/2 BPSK	108	0	20.44	20.73	20.58	21.8	0.0	
40	PI/2 BPSK	108	54	20.41	20.68	20.62	21.8	0.0	
40	PI/2 BPSK	108	108	20.49	20.67	20.64	21.8	0.0	
40	PI/2 BPSK	216	0	20.53	20.67	20.56			
40	QPSK	1	1	20.82	20.96	20.70			
40	QPSK	1	108	20.58	20.74	20.75	21.8	0.0	
40	QPSK	1	214	20.54	20.60	20.42	21.8		
40	QPSK	108	0	20.54	20.89	20.66		0.0	
40	QPSK	108	54	20.51	20.72	20.65		0.0	
40	QPSK	108	108	20.59	20.73	20.71	21.8	0.0	
40	QPSK	216	0	20.52	20.69	20.65			
40	16QAM	1	1	20.60	20.73	20.63	21.8	0.0	
40	64QAM	1	1	20.34	20.55	20.36	21.5	0.3	
40	256QAM	1	1	18.96	19.17	18.97	19.5	2.3	
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1892.5	21.8	0.0	
35	QPSK	1	1	20.60	20.71	20.65	21.8	0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895	21.8	0.0	
30	QPSK	1	1	20.55	20.70	20.60	21.8	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	21.8	0.0	
25	QPSK	1	1	20.53	20.73	20.61	21.8	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	#VALUE!	CID	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	21.8	0.0	
15	QPSK	1	1	20.58	20.70	20.67	21.8	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	21.8	0.0	
10	QPSK	1	1	20.58	20.70	20.60	21.8	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	21.8	0.0	
5	QPSK	1	1	20.58	20.69	20.65	21.8	0.0	

n66 Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	20.04	20.17	20.02	21.1	0.0	
40	PI/2 BPSK	1	108	19.90	20.18	20.08			
40	PI/2 BPSK	1	214	19.99	20.06	20.06			
40	PI/2 BPSK	108	0	19.88	20.08	19.87	21.1	0.0	
40	PI/2 BPSK	108	54	19.95	20.16	19.93	21.1	0.0	
40	PI/2 BPSK	108	108	19.82	20.09	19.99	21.1	0.0	
40	PI/2 BPSK	216	0	19.90	20.01	19.92			
40	QPSK	1	1	20.03	20.23	20.08			
40	QPSK	1	108	19.93	20.17	20.08	21.1	0.0	
40	QPSK	1	214	20.05	20.11	20.05	21.1	0.0	
40	QPSK	108	0	19.98	20.16	19.97			
40	QPSK	108	54	20.00	20.26	20.00			
40	QPSK	108	108	19.88	20.10	20.04	21.1	0.0	
40	QPSK	216	0	19.95	20.17	20.00			
40	16QAM	1	1	20.00	20.18	19.91	21.1	0.0	
40	64QAM	1	1	20.21	20.22	20.24	21.1	0.0	
40	256QAM	1	1	19.03	19.09	18.93	20.5	0.6	
Channel				345500	349000	352500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
35	QPSK	1	1	19.94	20.21	20.01	21.1	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	19.93	20.25	20.01	21.1	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	19.99	20.19	20.05	21.1	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	19.98	20.26	20.02	21.1	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	19.98	20.24	19.99	21.1	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	20.00	20.26	19.99	21.1	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	19.99	20.22	20.06	21.1	0.0	

n2 Ant 4_CID32								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				376000	376000	376000	15.1	0.0
Frequency (MHz)				1870	1880	1890		
40	Pl2 BPSK	1	1	14.63	14.69	14.55	15.1	0.0
40	Pl2 BPSK	1	108	14.53	14.64	14.64		
40	Pl2 BPSK	1	214	14.48	14.58	14.54	15.1	0.0
40	Pl2 BPSK	108	0	14.44	14.56	14.54		
40	Pl2 BPSK	108	54	14.54	14.59	14.55	15.1	0.0
40	Pl2 BPSK	108	108	14.48	14.41	14.53		
40	Pl2 BPSK	216	0	14.42	14.53	14.40	15.1	0.0
40	QPSK	1	1	14.62	14.77	14.66		
40	QPSK	1	108	14.61	14.67	14.68	15.1	0.0
40	QPSK	1	214	14.64	14.60	14.85		
40	QPSK	108	0	14.49	14.60	14.61	15.1	0.0
40	QPSK	108	54	14.62	14.63	14.62		
40	QPSK	108	108	14.50	14.53	14.55	15.1	0.0
40	QPSK	216	0	14.47	14.61	14.52		
40	16QAM	1	1	14.62	14.70	14.83	15.1	0.0
40	64QAM	1	1	14.53	14.59	14.59		
40	256QAM	1	1	14.67	14.63	14.63	15.1	0.0
Channel				372500	376000	376000		
Frequency (MHz)				1867.5	1880	1892.5	15.1	0.0
35	QPSK	1	1	14.56	14.73	14.57		
Channel				373000	376000	379000	15.1	0.0
Frequency (MHz)				1865	1870	1895		
30	QPSK	1	1	14.57	14.70	14.63	15.1	0.0
Channel				372500	376000	379500		
Frequency (MHz)				1862.5	1880	1897.5	15.1	0.0
25	QPSK	1	1	14.57	14.69	14.62		
Channel				372000	376000	380000	15.1	0.0
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	1	14.54	14.67	14.58	15.1	CID
Channel				371500	376000	380500		
Frequency (MHz)				1857.5	1880	1902.5	15.1	0.0
15	QPSK	1	1	14.54	14.69	14.62		
Channel				371000	376000	381000	15.1	0.0
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	1	14.61	14.74	14.61	15.1	0.0
Channel				370500	376000	381500		
Frequency (MHz)				1852.5	1880	1927.5	15.1	0.0
5	QPSK	1	1	14.59	14.75	14.63		

n25 Ant 4_CID39									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3745000	3765000	3795000	15.1	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	14.36	14.64	14.55	15.1	0.0	
40	PI2 BPSK	1	108	14.47	14.52	14.53			
40	PI2 BPSK	1	214	14.42	14.48	14.42	15.1	0.0	
40	PI2 BPSK	108	0	14.36	14.39	14.42			
40	PI2 BPSK	108	54	14.48	14.52	14.37	15.1	0.0	
40	PI2 BPSK	108	108	14.41	14.32	14.42			
40	PI2 BPSK	216	0	14.35	14.36	14.22	15.1	0.0	
40	QPSK	1	1	14.53	14.59	14.28			
40	QPSK	1	108	14.55	14.63	14.59	15.1	0.0	
40	QPSK	1	214	14.51	14.53	14.57			
40	QPSK	108	0	14.39	14.50	14.47	15.1	0.0	
40	QPSK	108	54	14.32	14.51	14.27			
40	QPSK	108	108	14.45	14.42	14.45	15.1	0.0	
40	QPSK	216	0	14.40	14.52	14.37			
40	16QAM	1	1	14.47	14.68	14.49	15.1	0.0	
40	64QAM	1	1	14.43	14.57	14.47			
40	256QAM	1	1	14.02	14.29	14.22	15.1	0.0	
Channel				3755000	3765000	3795000		MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	14.44	14.60	14.51	15.1	0.0	
Channel				3735000	3765000	3800000		MPR (dB)	
Frequency (MHz)				1795	1822.5	1920			
30	QPSK	1	1	14.50	14.60	14.49	15.1	0.0	
Channel				3725000	3765000	3805000		MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	14.45	14.60	14.54	15.1	0.0	
Channel				3720000	3765000	3810500		MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	14.43	14.64	14.53	15.1	0.0	
Channel				3715000	3765000	3815000		MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1907.5			
15	QPSK	1	1	14.50	14.60	14.50	15.1	0.0	
Channel				3710000	3765000	3820000		MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	14.43	14.62	14.56	15.1	0.0	
Channel				3705000	3765000	3825000		MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	14.44	14.60	14.55	15.1	0.0	
Channel									

n66 Ant 4_CID34									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3465000	3495000	3525000	15.6	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	14.64	14.94	14.67	15.6	0.0	
40	PI2 BPSK	1	108	14.61	14.41	14.47			
40	PI2 BPSK	1	214	14.21	14.48	14.26	15.6	0.0	
40	PI2 BPSK	108	0	14.40	14.51	14.45			
40	PI2 BPSK	108	54	14.49	14.73	14.51	15.6	0.0	
40	PI2 BPSK	108	108	14.59	14.34	14.32			
40	PI2 BPSK	216	0	14.29	14.63	14.48	15.6	0.0	
40	QPSK	1	1	14.27	15.26	14.84			
40	QPSK	1	108	14.68	14.47	14.55	15.6	0.0	
40	QPSK	1	214	14.31	14.46	14.33			
40	QPSK	108	0	14.51	14.59	14.51	15.6	0.0	
40	QPSK	108	54	14.55	14.63	14.53			
40	QPSK	108	108	14.64	14.46	14.45	15.6	0.0	
40	QPSK	216	0	14.53	14.70	14.55			
40	16QAM	1	1	14.63	14.45	14.44	15.6	0.0	
40	64QAM	1	1	14.33	14.28	14.33		15.6	
40	256QAM	1	1	14.49	14.46	14.37	15.6	0.0	
Channel				3455000	3495000	3535000		MPR (dB)	
Frequency (MHz)				1727.5	1745	1762.5			
30	QPSK	1	1	14.81	15.00	14.84	15.6	0.0	
Channel				3450000	3495000	3535000		MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	14.79	14.39	14.82	15.6	0.0	
Channel				3445000	3495000	3535000		MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	14.79	15.04	14.82	15.6	0.0	
Channel				3435000	3495000	3545000		MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	14.78	14.96	14.79	15.6	0.0	
Channel				3430000	3495000	3545000		MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	14.81	14.39	14.83	15.6	0.0	
Channel				3425000	3495000	3555000		MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	14.83	14.96	14.81	15.6	0.0	
Channel				3420000	3495000	3555000		MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	14.84	14.37	14.86	15.6	0.0	
Channel									

Reduced Power Mode for EC17_Other Path

n2 Ant 4_CID37									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				373000	376000	379000			
Frequency (MHz)				1870	1880	1890			
40	PI2 BPSK	1	1	14.56	14.60	14.51	15.1	0.0	
40	PI2 BPSK	1	108	14.49	14.59	14.54			
40	PI2 BPSK	1	214	14.39	14.47	14.48			
40	PI2 BPSK	108	0	14.37	14.46	14.50	15.1	0.0	
40	PI2 BPSK	108	84	14.44	14.51	14.53	15.1	0.0	
40	PI2 BPSK	108	108	14.46	14.38	14.45	15.1	0.0	
40	PI2 BPSK	216	0	14.33	14.45	14.34	15.1	0.0	
40	QPSK	1	1	14.54	14.75	14.60			
40	QPSK	1	108	14.50	14.81	14.66			
40	QPSK	1	214	14.56	14.53	14.61	15.1	0.0	
40	QPSK	108	0	14.39	14.57	14.54	15.1	0.0	
40	QPSK	108	84	14.57	14.59	14.58	15.1	0.0	
40	QPSK	108	108	14.47	14.49	14.48	15.1	0.0	
40	QPSK	216	0	14.43	14.55	14.44	15.1	0.0	
40	16QAM	1	1	14.53	14.81	14.58			
40	16QAM	1	1	14.46	14.53	14.50			
40	256QAM	1	1	14.40	14.56	14.55	15.1	0.0	
Channel				373500	376000	378500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1897.5	1880	1892.5			
35	QPSK	1	1	14.45	14.73	14.50	15.1	0.0	
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	14.51	14.69	14.57	15.1	0.0	
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5			
25	QPSK	1	1	14.47	14.65	14.54	15.1	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1860	1870			
20	QPSK	1	1	14.47	14.60	14.54	15.1	CID	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5 <td>1880</td> <td>1902.5</td> <th></th> <th colspan="2"></th>	1880	1902.5			
15	QPSK	1	1	14.51	14.68	14.50	15.1	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1845	1880	1905			
10	QPSK	1	1	14.44	14.66	14.56	15.1	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	1	14.46	14.68	14.53	15.1	0.0	

n25 Ant 4_CID38									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				373500	376000	379000			
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	14.59	14.69	14.58	15.1	0.0	
40	PI2 BPSK	1	108	14.50	14.56	14.56			
40	PI2 BPSK	1	214	14.48	14.55	14.48			
40	PI2 BPSK	108	0	14.43	14.46	14.51	15.1	0.0	
40	PI2 BPSK	108	84	14.57	14.56	14.43	15.1	0.0	
40	PI2 BPSK	108	108	14.47	14.40	14.50	15.1	0.0	
40	PI2 BPSK	216	0	14.38	14.41	14.38	15.1	0.0	
40	QPSK	1	1	14.62	14.76	14.62			
40	QPSK	1	108	14.58	14.86	14.68			
40	QPSK	1	214	14.58	14.59	14.63	15.1	0.0	
40	QPSK	108	0	14.43	14.52	14.51	15.1	0.0	
40	QPSK	108	84	14.36	14.55	14.45	15.1	0.0	
40	QPSK	108	108	14.51	14.48	14.52	15.1	0.0	
40	QPSK	216	0	14.48	14.54	14.44	15.1	0.0	
40	16QAM	1	1	14.55	14.71	14.55			
40	64QAM	1	1	14.50	14.81	14.55			
40	256QAM	1	1	14.08	14.38	14.30	15.1	0.0	
Channel				373500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1882.5	1897.5			
35	QPSK	1	1	14.55	14.71	14.57	15.1	0.0	
Channel				373000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1890			
30	QPSK	1	1	14.58	14.68	14.56	15.1	0.0	
Channel				372000	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	14.57	14.70	14.56	15.1	0.0	
Channel				372000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850	1862.5	1870			
20	QPSK	1	1	14.55	14.69	14.54	15.1	0.0	
Channel				371500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1847.5	1862.5	1877.5			
15	QPSK	1	1	14.56	14.70	14.57	15.1	0.0	
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1845	1862.5	1890			
10	QPSK	1	1	14.53	14.73	14.59	15.1	0.0	
Channel				370500	376000	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1842.5	1862.5	1912.5			
5	QPSK	1	1	14.56	14.72	14.57	15.1	0.0	

n66 Ant 4_CID29									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				340000	340000	352000	15.6	0.0	
Frequency (MHz)				1720	1745	1760			
40	PI/2 BPSK	1	1	14.61	14.58	14.69	15.6	0.0	
40	PI/2 BPSK	1	106	14.60	14.52	14.51			
40	PI/2 BPSK	1	214	14.35	14.42	14.34	15.6	0.0	
40	PI/2 BPSK	106	0	14.56	14.52	14.53			
40	PI/2 BPSK	106	54	14.54	14.50	14.51	15.6	0.0	
40	PI/2 BPSK	106	106	14.63	14.48	14.39			
40	PI/2 BPSK	216	0	14.52	14.75	14.65	15.6	0.0	
40	QPSK	1	1	14.79	15.01	14.93			
40	QPSK	1	106	14.72	14.59	14.54	15.6	0.0	
40	QPSK	1	214	14.38	14.54	14.37			
40	QPSK	106	0	14.51	14.62	14.53	15.6	0.0	
40	QPSK	106	54	14.59	14.76	14.61			
40	QPSK	106	106	14.70	14.47	14.54	15.6	0.0	
40	QPSK	216	0	14.56	14.72	14.68			
40	16QAM	1	1	14.65	14.54	14.56	15.6	0.0	
40	64QAM	1	1	14.34	14.39	14.33		15.6	
40	256QAM	1	1	14.48	14.61	14.43			
Channel				345000	349000	352000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
30	QPSK	1	1	14.70	14.96	14.84	15.6	0.0	
Channel				346000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	14.75	14.94	14.84	15.6	0.0	
Channel				346500	349500	352000	Tune-up limit	MPR	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
25	QPSK	1	1	14.69	14.97	14.87	15.6	0.0	
Channel				346000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	14.70	14.97	14.84	15.6	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	14.73	14.92	14.89	15.6	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	14.75	14.97	14.87	15.6	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	14.76	14.97	14.87	15.6	0.0	

<2.4GHz WLAN>

Art 6			Full Power		Head For Receiver on		Head Simultaneous&Body-worn Simultaneous		Body-worn Sensor on		Hotspot		Extremity Standalone		Extremity 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)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.17	23.00	18.02	20.00	13.11	15.00	19.17	21.00	16.59	18.50	20.22	22.00	15.13	17.00	98.26
		6	2437	21.64	23.00	18.43	20.00	13.49	15.00	19.51	21.00	17.01	18.50	20.58	22.00	15.54	17.00	
		11	2462	21.16	23.00	18.50	20.00	13.47	15.00	19.53	21.00	17.11	18.50	20.61	22.00	15.49	17.00	
		16	2487	19.24	21.00	18.01	20.00		15.00	19.24	21.00		18.50	19.24	21.00		17.00	
	802.11g 6Mbps	1	2412	20.68	22.00	18.21	20.00		15.00	19.67	21.00		18.50	20.68	22.00		17.00	90.83
		6	2437	20.68	22.00	18.21	20.00		15.00	19.67	21.00		18.50	20.68	22.00		17.00	
		11	2462	19.40	21.00	18.33	20.00		15.00	19.40	21.00		18.50	19.40	21.00		17.00	
		16	2487	19.20	21.00		20.00		15.00	19.20	21.00		18.50	19.20	21.00		17.00	
	802.11n-HT20 MCS0	1	2412	19.20	21.00		20.00		15.00	19.20	21.00		18.50	19.20	21.00		17.00	90.24
		6	2437	20.58	22.00		20.00		15.00	19.58	21.00		18.50	20.58	22.00		17.00	
		11	2462	18.36	20.00		20.00	Not Required	15.00	18.36	20.00	Not Required	18.50	18.36	20.00	Not Required	17.00	
		16	2487	17.12	19.00	17.12	19.00		15.00	17.12	19.00		18.50	17.12	19.00		17.00	
	802.11n-HT40 MCS0	1	2412	17.34	19.00	17.34	19.00		15.00	17.34	19.00		18.50	17.34	19.00		17.00	98.00
		6	2437	19.57	21.00	18.41	20.00		15.00	19.57	21.00		18.50	19.57	21.00		17.00	
		11	2462	17.24	19.00	17.24	19.00		15.00	17.24	19.00		18.50	17.24	19.00		17.00	
		16	2487	16.17	18.00	16.17	18.00		15.00	16.17	18.00		18.50	16.17	18.00		17.00	

<5.2GHz WLAN>

Art 7			Full Power		Head For Receiver on		Head Simultaneous		Body-worn Sensor on		Body-worn Simultaneous		Hotspot		Extremity 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)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
5.2GHz WLAN	802.11a 6Mbps	36	5180	18.78	20.00	18.50	13.50	17.50	12.00	13.00	18.00	97.67					
		40	5200	19.77	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		44	5220	19.66	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		48	5240	18.64	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
	802.11n-HT20 MCS0	36	5180	19.67	20.00	18.50	13.50	17.50	12.00	13.00	18.00	97.50					
		40	5200	19.61	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		44	5220	19.51	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		48	5240	18.49	20.00	Not Required	18.50	Not Required	12.00	13.00	18.00						
	802.11n-HT40 MCS0	36	5180	17.49	20.00	18.50	13.50	17.50	12.00	13.00	18.00	94.71					
		40	5200	19.73	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		44	5220	19.60	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		48	5240	18.56	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
	802.11ac-VHT20 MCS0	48	5240	19.56	20.00	18.50	13.50	17.50	12.00	13.00	18.00	97.33					
		52	5260	19.78	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		56	5280	19.56	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		60	5300	19.78	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
	802.11ac-VHT40 MCS0	48	5240	17.29	20.00	18.50	13.50	17.50	12.00	13.00	18.00	94.74					
		52	5260	19.56	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		56	5280	17.29	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
		60	5300	17.29	20.00	18.50	13.50	17.50	12.00	13.00	18.00						
	802.11ac-VHT80 MCS0	42	5216	17.28	18.50	18.50	12.73	13.50	15.62	17.50	11.23	12.00	11.76	13.00	16.32	100.00	

<5.3GHz WLAN>

Art 7			Full Power		Head For Receiver on		Head Simultaneous		Body-worn Sensor on		Body-worn Simultaneous		Extremity 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)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit		
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.63	20.00		18.50		13.50	17.50		12.00		18.00	97.67	
		56	5280	19.63	20.00		18.50		13.50	17.50		12.00		18.00		
		60	5300	19.61	20.00		18.50		13.50	17.50		12.00		18.00		
		64	5320	19.91	20.00		18.50		13.50	17.50		12.00		18.00		
	802.11n-HT20 MCS0	52	5260	19.46	20.00		18.50		13.50	17.50		12.00		18.00	97.50	
		56	5280	19.63	20.00		18.50		13.50	17.50		12.00		18.00		
		60	5300	19.43	20.00		18.50		13.50	17.50		12.00		18.00		
		64	5320	19.30	20.00	Not Required	18.50	Not Required	13.50	17.50	Not Required	12.00	Not Required	18.00		
	802.11n-HT40 MCS0	52	5260	17.77	18.50		18.50		13.50	17.50		12.00		18.00	94.71	
		56	5280	19.54	20.00		18.50		13.50	17.50		12.00		18.00		
		60	5300	18.57	20.00		18.50		13.50	17.50		12.00		18.00		
		64	5320	18.47	20.00		18.50		13.50	17.50		12.00		18.00		
	802.11ac-VHT20 MCS0	56	5280	19.57	20.00		18.50		13.50	17.50		12.00		18.00	97.33	
		60	5300	19.47	20.00		18.50		13.50	17.50		12.00		18.00		
		64	5320	19.44	20.00		18.50		13.50	17.50		12.00		18.00		
		68	5340	19.44	20.00		18.50		13.50	17.50		12.00		18.00		
	802.11ac-VHT40 MCS0	54	5270	19.69	20.00		18.50		13.50	17.50		12.00		18.00	94.74	
		58	5318	17.78	18.50		18.50		13.50	17.50		12.00		18.00		
		62	5356	17.69	18.50	18.50	18.50	12.36	13.50	15.63	17.50	10.88	12.00	16.33		18.00
		66	5394	17.69	18.50	18.50	18.50	12.36	13.50	15.63	17.50	10.88	12.00	16.33		18.00

<5.8GHz WLAN>

Art 7			Full Power		Head For Receiver on&Body-worn Sensor on		Head Simultaneous		Body-worn Simultaneous		Extremity Simultaneous		Duty Cycle %			
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)	Time-Up Limit	Average power (dBm)		Time-Up Limit		
5.8GHz WLAN	802.11a 6Mbps	100	5500	17.78	18.50		17.50		11.50		12.00		16.50	97.67		
		116	5580	17.87	18.50		17.50		11.50		12.00		16.50			
		124	5620	17.92	18.50		17.50		11.50		12.00		16.50			
		132	5660	18.02	18.50		17.50		11.50		12.00		16.50			
	802.11n-HT20 MCS0	140	5700	18.25	18.50		17.50		11.50		12.00		16.50	97.50		
		144	5720	18.26	18.50		17.50		11.50		12.00		16.50			
		152	5760	17.49	18.50		17.50		11.50		12.00		16.50			
		156	5780	17.25	18.50		17.50		11.50		12.00		16.50			
	802.11n-HT40 MCS0	124	5620	17.79	18.50		17.50		11.50		12.00		16.50	97.50		
		132	5660	17.69	18.50		17.50		11.50		12.00		16.50			
		140	5700	17.95	18.50		17.50		11.50		12.00		16.50			
		144	5720	17.95	18.50		17.50		11.50		12.00		16.50			
	802.11n-HT80 MCS0	102	5510	16.53	17.00		17.50		11.50		12.00		16.50	Not Required		
		110	5550	17.73	18.50		17.50		11.50		12.00		16.50		Not Required	
		126	5630	17.93	18.50		17.50		11.50		12.00		16.50			Not Required
		134	5670	17.68	18.50		17.50		11.50		12.00		16.50			
	802.11ac-VHT20 MCS0	142	5710	18.05	18.50		17.50		11.50		12.00		16.50	97.33		
		150	5750	17.55	18.50		17.50		11.50		12.00		16.50		97.33	
		118	5580	17.65	18.50		17.50		11.50		12.00		16.50			97.33
		126	5620	17.70	18.50		17.50		11.50		12.00		16.50			
802.11ac-VHT40 MCS0	132	5660	17.99	18.50		17.50		11.50		12.00		16.50	97.33			
	140	5700	17.90	18.50		17.50		11.50		12.00		16.50		97.33		
	144	5720	18.00	18.50		17.50		11.50		12.00		16.50			97.33	
	152	5760	17.75	18.50		17.50		11.50		12.00		16.50				97.33
802.11ac-VHT80 MCS0	102	5510	16.56	18.50		17.50		11.50		12.00		16.50	97.33			
	110	5550	17.60	18.50		17.50		11.50		12.00		16.50		97.33		
	126	5630	17.96	18.50		17.50		11.50		12.00		16.50			97.33	
	134	5670	17.70	18.50		17.50		11.50		12.00		16.50				97.33
802.11ac-VHT160 MCS0	142	5710	18.15	18.50		17.50		11.50		12.00		16.50	94.74			
	150	5750	17.48	18.50		17.50		11.50		12.00		16.50		94.74		
	126	5630	17.96	18.50		17.50		11.50		12.00		16.50			94.74	
	134	5670	17.70	18.50		17.50		11.50		12.00		16.50				94.74
802.11ac-VHT320 MCS0	142	5710	18.15	18.50		17.50		11.50		12.00		16.50	94.74			
	150	5750	17.48	18.50		17.50		11.50		12.00		16.50		94.74		
	126	5630	17.96	18.50		17.50		11.50		12.00		16.50			94.74	
	134	5670	17.70	18.50		17.50		11.50		12.00		16.50				94.74
802.11ac-VHT640 MCS0	142	5710	18.15	18.50		17.50		11.50		12.00		16.50	100.00			
	150	5750	17.48	18.50		17.50		11.50		12.00		16.50		100.00		
	126	5630	17.96	18.50		17.50		11.50		12.00		16.50			100.00	
	134	5670	17.70	18.50		17.50		11.50		12.00		16.50				100.00

<Bluetooth>			Ant 0		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			Min	Max	Mean
BR / EDR	CH 00	2402	14.04	12.03	12.02
	CH 19	2441	13.37	11.38	11.33
	CH 18	2440	13.40	11.58	11.53
	Turn-up Limit		15.00	13.00	13.00
BLE 1M			Ant 0		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			Min	Max	Mean
LE	CH 00	2402		3.81	
	CH 19	2440		4.69	
	CH 18	2440		4.50	
	Turn-up Limit			5.50	
BLE 2M			Ant 0		
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			Min	Max	Mean
LE	CH 01	2404		3.69	
	CH 19	2440		5.10	
	CH 18	2439		4.45	
	Turn-up Limit			5.50	