

Full&Default Power Mode

GSM900_Art 0	Ratd Average Power (dBm)			Tx Power (dBm)			Tx Power (dBm)			Tx Power (dBm)		
	15W	18W	20W	15W	18W	20W	15W	18W	20W	15W	18W	20W
Frequency (MHz)	934.2	936.4	938.6	934.2	936.4	938.6	934.2	936.4	938.6	934.2	936.4	938.6
CDMA 1 Tx power	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55
CDMA 2 Tx power	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75
EDGE 1 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 2 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 3 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 4 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21

GSM900_Art 2	Ratd Average Power (dBm)			Tx Power (dBm)			Tx Power (dBm)			Tx Power (dBm)		
	15W	18W	20W	15W	18W	20W	15W	18W	20W	15W	18W	20W
Frequency (MHz)	934.2	936.4	938.6	934.2	936.4	938.6	934.2	936.4	938.6	934.2	936.4	938.6
CDMA 1 Tx power	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55
CDMA 2 Tx power	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75
EDGE 1 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 2 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 3 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 4 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21

Base	WCDMA II_Art 2			WCDMA IV_Art 2			WCDMA V_Art 5			WCDMA V_Art 5		
	15W	18W	20W	15W	18W	20W	15W	18W	20W	15W	18W	20W
Frequency (MHz)	832.4	834.6	836.8	832.4	834.6	836.8	832.4	834.6	836.8	832.4	834.6	836.8
CDMA 1 Tx power	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55	32.55
CDMA 2 Tx power	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75	31.75
EDGE 1 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 2 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 3 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21
EDGE 4 Tx power	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21	25.21

Band 2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch/Freq)	Power Mid (Freq)	Power High (Freq)	Turnup Init (dBm)	MPR (dB)	
Channel				18700	18800	19100			
20	QPSK	1	0	23.09	23.12	23.04			
20	QPSK	1	49	23.09	23.12	23.02		24	0
20	QPSK	1	99	23.01	23.08	22.98			
20	QPSK	50	0	23.10	23.11	23.03		23	1
20	QPSK	50	50	23.10	23.11	23.03			
20	QPSK	100	0	23.06	23.07	23.05			
20	QPSK	100	50	23.07	23.08	23.06			
20	QPSK	1	49	23.09	23.12	23.04		23	1
20	QPSK	1	99	23.09	23.12	23.04			
20	QPSK	50	24	21.07	21.11	21.01			
20	QPSK	50	74	21.07	21.11	21.01			
20	QPSK	100	0	21.08	21.09	21.06		22	2
20	QPSK	100	50	21.09	21.10	21.07			
20	QPSK	1	99	21.15	21.28	21.13		22	2
20	QPSK	1	49	21.15	21.28	21.13			
20	QPSK	50	0	20.15	20.14	20.02			
20	QPSK	50	50	20.15	20.14	20.02		21	3
20	QPSK	100	0	20.15	20.14	20.02			
20	QPSK	100	50	20.15	20.14	20.02			
20	QPSK	1	99	17.84	18.00	17.96			
20	QPSK	50	0	17.84	18.11	17.93			
20	QPSK	50	50	17.84	18.11	17.93			
20	QPSK	100	0	17.86	18.00	17.92		19	5
20	QPSK	100	50	17.86	18.00	17.92			
Channel				18810	18900	19100	Turnup Init (dBm)	MPR (dB)	
Frequency (MHz)				18810	18900	19000			
15	QPSK	1	0	23.09	23.08	22.95			
15	QPSK	1	49	23.09	23.08	22.95		24	0
15	QPSK	1	99	23.09	23.08	22.95			
15	QPSK	1	74	22.92	22.90	22.78			
15	QPSK	2	0	21.99	21.98	21.91		23	1
15	QPSK	2	38	21.99	21.98	21.91			
15	QPSK	36	0	21.62	21.66	21.63			
15	QPSK	70	0	21.62	21.66	21.63			
15	QPSK	1	49	23.33	23.28	23.22			
15	QPSK	1	99	23.33	23.28	23.22			
15	QPSK	1	27	22.24	22.08	22.02			
15	QPSK	1	44	22.24	22.08	22.02			
15	QPSK	36	0	21.05	21.10	21.04		22	2
15	QPSK	36	50	21.05	21.10	21.04			
15	QPSK	36	20	20.99	21.03	20.98			
15	QPSK	36	50	20.99	21.03	20.98			
15	QPSK	70	0	21.42	21.37	21.41		22	2
15	QPSK	70	50	21.42	21.37	21.41			
15	QPSK	1	99	21.20	21.21	21.21			
15	QPSK	36	0	19.96	19.95	19.87		21	3
15	QPSK	36	50	19.93	19.88	19.87			
15	QPSK	36	20	19.93	19.88	19.87			
15	QPSK	1	49	17.91	17.94	17.79			
15	QPSK	1	27	17.83	17.87	17.83		19	5
15	QPSK	1	99	17.83	17.87	17.83			
15	QPSK	36	0	17.86	18.00	17.92			
15	QPSK	36	50	17.79	17.92	17.86		19	5
15	QPSK	36	20	17.79	17.92	17.86			
15	QPSK	70	0	17.79	18.00	17.90			
Channel				18800	18900	19100	Turnup Init (dBm)	MPR (dB)	
Frequency (MHz)				18800	18900	19000			
15	QPSK	1	0	23.07	23.11	22.89			
15	QPSK	1	26	23.04	22.91	22.83		24	0
15	QPSK	1	50	22.98	22.88	22.88			
15	QPSK	25	0	21.99	22.00	21.93		23	1
15	QPSK	25	12	21.96	21.96	21.82			
15	QPSK	50	0	21.99	21.96	21.85			
15	QPSK	50	12	21.99	21.96	21.85			
15	QPSK	1	26	23.26	23.11	23.05		23	1
15	QPSK	1	49	23.26	23.11	23.05			
15	QPSK	25	12	21.08	21.03	21.03			
15	QPSK	25	12	21.04	20.99	20.95		22	2
15	QPSK	25	25	20.99	20.97	20.97			
15	QPSK	50	0	21.38	21.20	21.48			
15	QPSK	50	1	21.34	21.21	21.25		22	2
15	QPSK	50	12	21.34	21.21	21.25			
15	QPSK	25	0	20.01	20.07	20.03			
15	QPSK	25	12	20.01	20.07	20.03			
15	QPSK	50	0	20.08	19.97	19.86		21	3
15	QPSK	50	12	20.08	19.97	19.86			
15	QPSK	100	0	17.76	17.90	17.87			
15	QPSK	100	25	17.77	17.97	17.85			
15	QPSK	1	49	17.83	17.88	17.83			
15	QPSK	1	99	17.83	17.88	17.83			
15	QPSK	25	12	17.77	17.96	17.94		19	5
15	QPSK	25	25	17.83	17.96	17.87			
Channel				18820	18900	19070	Turnup Init (dBm)	MPR (dB)	
Frequency (MHz)				18820	18900	19070			
5	QPSK	1	0	23.10	23.13	23.09			
5	QPSK	1	12	23.05	23.04	22.92		24	0
5	QPSK	1	24	22.99	22.88	22.83			
5	QPSK	1	48	22.99	22.88	22.83			
5	QPSK	12	7	23.05	23.02	23.04		23	1
5	QPSK	12	13	23.01	23.06	23.01			
5	QPSK	12	25	23.01	23.06	23.01			
5	QPSK	15	0	23.28	23.27	23.23		23	1
5	QPSK	15	1	23.28	23.27	23.23			
5	QPSK	1	24	23.15	23.22	23.08			
5	QPSK	12	0	21.03	21.06	21.05			
5	QPSK	12	13	21.04	21.03	21.03		22	2
5	QPSK	12	25	21.01	20.94	20.80			
5	QPSK	15	0	21.21	21.09	21.03			
5	QPSK	15	1	21.21	21.09	21.03			
5	QPSK	1	24	21.07	21.18	21.02		22	2
5	QPSK	12	7	20.96	20.99	20.87			
5	QPSK	12	13	20.99	21.03	20.99		21	3
5	QPSK	15	0	20.00	19.99	19.89			
5	QPSK	15	1	20.00	19.99	19.89			
5	QPSK	1	0	17.83	17.91	17.81			
5	QPSK	1	12	17.83	17.92	17.81		19	5
5	QPSK	1	24	17.83	17.96	17.86			
5	QPSK	12	0	17.79	18.00	17.86			
5	QPSK	12	7	17.79	17.98	17.87			
5	QPSK	12	13	17.73	17.90	17.81		19	5
5	QPSK	15	0	17.77	17.96	17.78			
Channel				18850	18900	19000	Turnup Init (dBm)	MPR (dB)	
Frequency (MHz)				18850	18900	19000			
3	QPSK	1	0	23.02	23.08	22.92			
3	QPSK	1	20	23.05	23.02	22.92		24	0
3	QPSK	1	44	22.98	22.92	22.79			
3	QPSK	8	0	22.99	22.93	22.95			
3	QPSK	8	16	22.93	22.92	22.81		23	1
3	QPSK	8	7	23.00	23.00	23.02			
3	QPSK	15	0	21.91	21.91	21.78			
3	QPSK	15	8	21.93	21.93	21.78			
3	QPSK	1	8	22.21	22.14	22.13		23	1
3	QPSK	1	16	22.13	22.11	22.13			
3	QPSK	8	0	20.18	20.18	20.18			
3	QPSK	8	4	20.08	20.08	20.09		22	2
3	QPSK	15	0	21.18	21.18	21.18			
3	QPSK	15	8	21.15	21.15	21.15			
3	QPSK	1	0	21.45	21.22	21.40			
3	QPSK	1	16	21.45	21.22	21.40		22	2
3	QPSK	1	14	20.95	21.43	20.93			
3	QPSK	8	0	20.05	20.01	19.89		21	3
3	QPSK	8	16	20.05	19.98	19.89			
3	QPSK	1	7	19.93	19.99	19.82			
3	QPSK	15	0	19.99	20.04	19.87			
3	QPSK	15	8	19.83	17.96	17.83			
3	QPSK	1	8	17.75	17.86	17.68		19	5
3	QPSK	1	16	17.75	17.86	17.68			
3	QPSK	8	0	17.85	18.01	17.69			
3	QPSK	8	4	17.79	18.00	17.68			
3	QPSK	15	0	17.78	17.96	17.78		19	5
3	QPSK	15	8	17.75	17.96	17.78			
Channel				18860	18900	19100	Turnup Init (dBm)	MPR (dB)	
Frequency (MHz)				18860	18900	19100			
1.4	QPSK	150	0	23.04	23.05	22.94			
1.4	QPSK	1	3	23.03	23.03	22.60			
1.4	QPSK	1	1	23.03	23.03	22.60		24	0
1.4	QPSK	3	0	22.98	23.04	22.67			
1.4	QPSK	1	1	23.03	23.06	22.64			
1.4	QPSK	1	1	23.03	23.04	22.64			
1.4	QPSK	6	0	21.94	22.02	21.77		23	1
1.4	QPSK	6	0	21.95	21.96	21.82			
1.4	QPSK	1	1	21.95	21.96	21.77			
1.4	QPSK	1	6	21.97	21.97	21.82		21	3
1.4	QPSK	1	1	21.97	21.98	21.82			
1.4	QPSK	3	1	21.67	22.00	21.78			
1.4	QPSK	6	0	21.02	20.94	20.78		22	2
1.4	QPSK	1	3	20.85	20.99	20.78			
1.4	QPSK	1	1	21.02	21.05	20.78		22	2
1.4	QPSK	3	1	20.91	20.94	20.78			
1.4	QPSK	6	0	19.94	19.93	19.71		21	3
1.4	QPSK	6							

Band 4_Ant 8										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Hz]	Power High Ch [F/Hz]	Power High Ch [F/Hz]	Turn-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.29	23.18	23.09				
20	QPSK	1	49	23.01	23.00	22.96	24	0		
20	QPSK	1	99	22.88	22.84	22.87				
20	QPSK	50	0	22.02	22.00	21.96				
20	QPSK	50	24	22.02	22.00	21.98	23	1		
20	QPSK	100	0	21.99	21.91	21.93				
20	16QAM	1	49	22.27	22.26	22.24				
20	16QAM	1	99	22.21	22.03	22.03	23	1		
20	16QAM	50	0	21.03	20.99	20.97				
20	16QAM	50	24	21.03	21.00	20.99	22	2		
20	16QAM	100	0	20.97	20.94	20.91				
20	16QAM	100	0	20.97	20.94	20.91				
20	16QAM	1	49	21.15	21.09	21.08	22	2		
20	16QAM	1	99	21.14	21.05	21.00				
20	16QAM	50	0	20.05	20.05	19.99				
20	16QAM	50	24	20.04	19.97	19.95	21	3		
20	16QAM	100	0	19.98	19.95	19.94				
20	16QAM	100	0	19.98	19.95	19.94				
20	256QAM	1	49	18.04	18.04	17.98				
20	256QAM	1	99	18.07	18.08	17.99	19	5		
20	256QAM	50	0	18.02	18.02	17.95				
20	256QAM	50	24	18.00	18.03	17.99	19	5		
20	256QAM	100	0	18.03	18.03	17.91				
20	256QAM	100	0	18.10	18.01	17.87	Turn-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.12	23.15	23.12				
15	QPSK	1	37	22.91	22.89	22.82	24	0		
15	QPSK	1	74	22.84	22.74	22.65				
15	QPSK	50	0	21.86	21.86	21.82				
15	QPSK	50	20	21.81	21.80	21.83	23	1		
15	QPSK	100	0	21.87	21.87	21.87				
15	16QAM	1	0	22.19	22.22	22.18				
15	16QAM	1	37	22.12	22.12	22.03	23	1		
15	16QAM	1	74	22.10	21.88	22.17				
15	16QAM	50	0	21.02	20.97	20.96				
15	16QAM	50	20	20.97	20.97	20.83	22	2		
15	16QAM	75	0	20.82	20.79	20.88				
15	16QAM	100	0	21.30	21.01	21.41				
15	16QAM	1	37	21.02	21.09	20.99	22	2		
15	16QAM	74	0	20.82	20.79	20.87				
15	16QAM	36	0	19.96	20.00	19.91				
15	16QAM	36	20	19.93	19.89	19.88	21	3		
15	16QAM	50	0	18.02	18.02	17.95				
15	16QAM	75	0	18.00	17.99	17.98				
15	256QAM	1	0	18.00	17.99	17.78				
15	256QAM	1	37	17.97	17.97	17.87	19	5		
15	256QAM	1	74	17.97	17.97	17.82				
15	256QAM	50	0	18.00	17.96	17.82				
15	256QAM	75	0	18.01	17.95	17.82				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.69	22.64	22.57				
10	QPSK	1	20	22.60	22.59	22.52	24	0		
10	QPSK	1	40	22.64	22.62	22.64				
10	QPSK	25	0	21.85	21.82	21.83				
10	QPSK	12	0	21.87	21.89	21.93	23	1		
10	QPSK	25	25	21.89	21.89	21.81				
10	QPSK	50	0	21.04	21.04	21.03				
10	QPSK	50	25	21.04	21.04	21.03	23	1		
10	16QAM	1	25	22.18	22.20	22.03				
10	16QAM	1	45	22.12	22.14	22.05				
10	16QAM	1	65	22.18	22.18	22.08	23	1		
10	16QAM	50	0	20.99	20.94	20.95				
10	16QAM	50	25	20.99	20.94	20.95	22	2		
10	16QAM	100	0	21.00	21.00	21.00				
10	16QAM	100	0	21.00	21.00	21.00	23	1		
10	16QAM	1	25	21.99	22.03	22.06	23	1		
10	16QAM	1	45	22.18	22.18	22.08				
10	16QAM	1	65	22.18	22.18	22.08	23	1		
10	16QAM	50	0	20.75	20.79	20.83				
10	16QAM	50	25	20.88	20.88	20.74	22	2		
10	16QAM	100	0	20.79	20.74	20.76				
10	16QAM	100	0	20.72	20.69	20.68	22	2		
10	16QAM	1	25	20.95	21.22	21.03				
10	16QAM	1	45	21.00	21.01	20.92	22	2		
10	16QAM	1	65	20.77	20.82	20.86				
10	16QAM	50	0	19.79	19.73	19.79				
10	16QAM	50	25	19.74	19.71	19.69	21	3		
10	16QAM	100	0	19.74	19.71	19.69				
10	16QAM	100	0	19.74	19.71	19.69	19	5		
10	16QAM	1	25	17.82	17.83	17.73				
10	16QAM	1	45	17.78	17.83	17.78				
10	16QAM	1	65	17.78	17.83	17.78	19	5		
10	16QAM	50	0	17.54	17.63	17.59				
10	16QAM	50	25	17.67	17.87	17.81	19	5		
10	16QAM	100	0	17.58	17.78	17.76				
10	16QAM	100	0	17.54	17.69	17.61	19	5		

Band 4_Ant 9										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Hz]	Power High Ch [F/Hz]	Power High Ch [F/Hz]	Turn-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	17.00	17.00	17.00				
20	QPSK	1	40	20.90	20.90	20.90	24	0		
20	QPSK	1	99	22.76	22.72	22.71				
20	QPSK	1	198	22.76	22.72	22.71				
20	QPSK	50	0	21.80	21.82	21.79	23	1		
20	QPSK	50	50	21.86	21.87	21.78				
20	QPSK	100	0	21.83	21.83	21.78				
20	16QAM	1	0	22.17	22.09	22.09				
20	16QAM	1	99	22.17	22.09	22.09	23	1		
20	16QAM	50	0	20.80	20.86	20.86				
20	16QAM	50	24	20.87	20.88	20.86	21	3		
20	16QAM	50	50	20.85	20.78	20.79				
20	16QAM	100	0	20.83	20.81	20.87				
20	16QAM	1	40	20.90	21.04	20.97	22	2		
20	16QAM	1	99	20.97	20.82	20.89				
20	16QAM	50	0	19.90	19.92	19.98				
20	16QAM	50	24	19.89	19.83	19.82	21	3		
20	16QAM	50	50	19.82	19.78	19.79				
20	16QAM	100	0	19.84	19.84	19.83				
20	256QAM	1	0	17.14	17.06	17.06				
20	256QAM	1	99	17.15	17.06	17.06	19	5		
20	256QAM	50	0	17.00	17.05	17.00				
20	256QAM	50	24	17.03	17.05	17.00	21	3		
20	256QAM	50	50	17.08	17.00	17.04				
20	256QAM	100	0	17.05	17.05	17.00				
Channel										
Frequency (MHz)										
18	QPSK	1	0	22.89	22.84	22.81				
18	QPSK	1	99	22.89	22.84	22.81	24	0		
18	QPSK	1	74	22.90	22.71	22.82				
18	QPSK	1	198	22.90	22.71	22.82				
18	QPSK	50	0	21.80	21.82	21.80	23	1		
18	QPSK	50	50	21.83	21.79	21.85				
18	QPSK	36	0	21.71	21.85	21.73				
18	QPSK	36	24	21.70	21.86	21.72	21	3		
18	QPSK	75	0	21.70	21.68	21.73				
18	16QAM	1	0	22.08	22.07	22.08				
18	16QAM	1	37	21.90	21.98	21.96	23	1		
18	16QAM	1	74	21.90	21.98	21.96				
18	16QAM	36	0	20.81	20.84	20.84				
18	16QAM	36	24	20.80	20.73	20.85	21	3		
18	16QAM	75	0	20.80	20.73	20.85				
18	16QAM	75	0	20.77	20.73	20.66	22	2		
18	16QAM	1	0	20.96	21.23	21.01				
18	16QAM	1	37	20.96	20.97	20.97	22	2		
18	16QAM	1	74	20.79	20.20	20.91				
18	16QAM	36	0	19.86	19.77	19.77				
18	16QAM	36	24	19.79	19.82	19.77	21	3		
18	16QAM	75	0	19.82	19.72	19.75				
18	256QAM	1	0	17.00	17.00	17.00				
18	256QAM	1	37	17.08	17.21	17.07	19	5		
18	256QAM	50	0	17.00	17.00	17.00				
18	256QAM	50	24	17.05	17.03	17.04	21	3		
18	256QAM	50	50	17.08	17.07	17.01				
18	256QAM	75	0	17.14	17.09	17.07				
Channel										
Frequency (MHz)										
16	QPSK	1	0	22.83	22.81	22.82				
16	QPSK	1	25	22.87	22.73	22.89	24	0		
16	QPSK	1	124	22.87	22.73	22.89				
16	QPSK	25	0	21.81	21.81	21.83	23	1		
16	QPSK	25	12	21.88	21.68	21.78				
16	QPSK	50	0	21.88	21.79	21.82	23	1		
16	QPSK	50	12	21.81	21.79	21.84				
16	QPSK	1	0	22.14	22.08	22.02				
16	QPSK	1	25	22.18	22.03	22.06	23	1		
16	16QAM	1	49	21.90	21.89	21.80				
16	16QAM	25	0	20.75	20.79	20.83	22	2		
16	16QAM	25	24	20.78	20.68	20.74				
16	16QAM	25	25	20.74	20.73	20.66	21	3		
16	16QAM	1	0	20.72	20.69	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	25	20.72	20.68	20.78				
16	16QAM	1	25	20.68	20.68	20.68	22	2		
16	16QAM	1	25	20.93	21.01	20.92				
16	16QAM	1	25	20.90	20.82	20.88	21	3		
16	16QAM	1	25	20.85	20.85	20.85				
16	16QAM	1	25	20.79	20.73	20.79				
16	16QAM	1	25	20.74	20.71	20.76	21	3		
16	16QAM	1	2							

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Med Ch / Freq.	Power High Ch / Freq.	Turn-up time (dBm)	MPE (dB)		
Channel										
Frequency (MHz)				20850	21100	21500				
20	QPSK	1	0	23.10	23.11	23.60	24	0		
20	QPSK	1	49	23.10	23.22	23.16				
20	QPSK	1	99	23.20	23.19	23.30				
20	QPSK	50	0	22.20	22.22	22.14				
20	QPSK	50	24	22.20	22.21	22.16	23	1		
20	QPSK	50	49	22.20	22.22	22.14				
20	QPSK	50	74	22.20	22.22	22.14				
20	QPSK	50	99	22.20	22.22	22.14				
20	QPSK	100	0	21.19	21.24	21.14	22	2		
20	QPSK	100	24	21.22	21.23	21.25				
20	QPSK	100	49	21.21	21.24	21.15				
20	QPSK	100	74	21.21	21.24	21.15				
20	QPSK	1	49	21.37	21.37	21.31	23	1		
20	QPSK	1	99	21.33	21.50	21.39				
20	QPSK	50	0	20.33	20.32	20.38				
20	QPSK	50	24	20.36	20.30	20.31				
20	QPSK	50	24	20.36	20.31	20.31	21	3		
20	QPSK	50	49	20.36	20.31	20.31				
20	QPSK	50	74	20.36	20.31	20.31				
20	QPSK	50	99	20.36	20.31	20.31				
20	QPSK	100	0	18.23	18.13	18.01	19	5		
20	QPSK	100	24	18.24	18.20	18.13				
20	QPSK	100	49	18.23	18.13	18.01				
20	QPSK	100	74	18.23	18.13	18.01				
Channel <th>20850</th> <th>21100</th> <th>21500</th> <th>Turn-up time (dBm)</th> <th>MPE (dB)</th> <th colspan="2"></th>				20850	21100	21500	Turn-up time (dBm)	MPE (dB)		
Frequency (MHz)				20850	20935	20965				
15	QPSK	1	0	23.18	23.23	23.27	24	0		
15	QPSK	1	37	23.08	23.09	23.14				
15	QPSK	1	74	23.13	23.09	23.13				
15	QPSK	36	0	22.18	22.13	22.11				
15	QPSK	36	20	22.22	22.21	22.20	23	1		
15	QPSK	36	39	22.22	22.21	22.20				
15	QPSK	36	58	22.22	22.21	22.20				
15	QPSK	75	0	22.11	22.08	22.02				
15	QPSK	75	37	22.11	22.08	22.02	23	1		
15	QPSK	75	74	22.11	22.08	22.02				
15	QPSK	75	111	22.11	22.08	22.02				
15	QPSK	1	37	22.23	22.20	22.28				
15	QPSK	1	74	22.33	22.30	22.38	21	2		
15	QPSK	1	111	22.33	22.30	22.38				
15	QPSK	36	0	21.17	21.15	21.06				
15	QPSK	36	20	21.11	21.11	21.07				
15	QPSK	36	39	21.11	21.11	21.07	22	2		
15	QPSK	36	58	21.11	21.11	21.07				
15	QPSK	1	0	21.06	21.06	21.27				
15	QPSK	1	37	21.29	21.62	21.24				
15	QPSK	36	0	20.08	20.23	20.36	21	3		
15	QPSK	36	20	20.11	20.23	20.36				
15	QPSK	36	39	20.11	20.23	20.36				
15	QPSK	36	58	20.11	20.23	20.36				
15	QPSK	75	0	18.18	18.06	17.91	19	5		
15	QPSK	75	37	18.18	18.06	17.91				
15	QPSK	75	74	18.18	18.06	17.91				
15	QPSK	75	111	18.18	18.06	17.91				
15	QPSK	36	0	18.18	18.06	17.91	19	5		
15	QPSK	36	20	18.18	18.06	17.91				
15	QPSK	36	39	18.18	18.06	17.91				
15	QPSK	36	58	18.18	18.06	17.91				
Channel										
Frequency (MHz)				20850	21100	21450	Turn-up time (dBm)	MPE (dB)		
Frequency (MHz)				20850	20935	20965				
10	QPSK	1	0	23.11	23.14	23.14	24	0		
10	QPSK	1	25	23.07	23.12	23.02				
10	QPSK	1	48	23.07	23.14	23.18				
10	QPSK	1	72	23.08	23.13	23.13				
10	QPSK	25	0	22.06	22.11	22.11	23	1		
10	QPSK	25	12	22.06	22.11	22.11				
10	QPSK	25	24	22.09	22.07	22.09				
10	QPSK	25	36	22.09	22.07	22.09				
10	QPSK	50	0	22.13	22.24	22.24	23	1		
10	QPSK	50	24	22.13	22.24	22.24				
10	QPSK	50	48	22.13	22.24	22.24				
10	QPSK	50	72	22.13	22.24	22.24				
10	QPSK	100	0	21.11	21.12	21.14	22	2		
10	QPSK	100	24	21.11	21.12	21.14				
10	QPSK	100	48	21.11	21.12	21.14				
10	QPSK	100	72	21.11	21.12	21.14				
10	QPSK	1	25	21.33	21.64	21.34	22	2		
10	QPSK	1	48	21.18	21.41	21.30				
10	QPSK	1	72	21.18	21.41	21.30				
10	QPSK	1	96	21.18	21.41	21.30				
10	QPSK	25	0	20.21	20.29	20.20	21	3		
10	QPSK	25	12	20.21	20.29	20.20				
10	QPSK	25	24	20.26	20.27	20.11				
10	QPSK	25	36	20.27	20.28	20.11				
10	QPSK	50	0	18.08	18.05	17.98	19	5		
10	QPSK	50	24	18.08	18.04	18.00				
10	QPSK	50	48	18.08	18.04	18.00				
10	QPSK	50	72	18.08	18.04	18.00				
10	QPSK	100	0	18.19	18.08	17.98	19	5		
10	QPSK	100	24	18.19	18.08	17.98				
10	QPSK	100	48	18.19	18.08	17.98				
10	QPSK	100	72	18.19	18.08	17.98				
10	QPSK	25	12	19.18	19.13	19.08	19	5		
10	QPSK	25	24	19.18	19.13	19.08				
10	QPSK	25	36	19.18	19.13	19.08				
10	QPSK	25	48	19.18	19.13	19.08				
10	QPSK	50	0	18.12	18.04	17.98	19	5		
10	QPSK	50	24	18.12	18.04	17.98				
10	QPSK	50	48	18.12	18.04	17.98				
10	QPSK	50	72	18.12	18.04	17.98				
10	QPSK	100	0	18.12	18.04	17.98	19	5		
10	QPSK	100	24	18.12	18.04	17.98				
10	QPSK	100	48	18.12	18.04	17.98				
10	QPSK	100	72	18.12	18.04	17.98				

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.09	22.01	22.02	24	0	
10	QPSK	1	25	22.44	22.42	22.45			
10	QPSK	1	49	22.55	22.48	22.49			
10	QPSK	25	0	21.55	21.59	21.53			
10	QPSK	25	12	21.43	21.47	21.43			
10	QPSK	25	25	21.53	21.52	21.49	23	1	
10	QPSK	50	0	21.58	21.56	21.41			
10	HQAM	1	0	21.75	21.77	21.76			
10	HQAM	1	25	21.69	21.70	21.62	23	1	
10	HQAM	1	49	21.76	21.83	21.87			
10	HQAM	25	0	20.55	20.53	20.41			
10	HQAM	25	12	20.52	20.46	20.45	22	2	
10	HQAM	25	25	20.51	20.51	20.59			
10	HQAM	50	0	20.54	20.59	20.59			
10	HQAM	1	0	20.70	20.69	20.65			
10	HQAM	1	25	20.62	20.61	20.52	22	2	
10	HQAM	1	49	20.70	20.55	20.51			
10	HQAM	25	0	19.55	19.45	19.42			
10	HQAM	25	12	19.42	19.46	19.43	21	3	
10	HQAM	25	25	19.53	19.53	19.46			
10	HQAM	50	0	19.54	19.55	19.41			
10	SSQAM	1	0	17.45	17.55	17.47			
10	SSQAM	1	25	17.51	17.54	17.48	19	5	
10	SSQAM	1	49	17.45	17.57	17.55			
10	SSQAM	25	0	17.46	17.48	17.45			
10	SSQAM	25	12	17.48	17.49	17.48	19	5	
10	SSQAM	25	25	17.44	17.49	17.51			
10	SSQAM	50	0	17.48	17.49	17.42			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.50	22.50	22.48	24	0	
5	QPSK	1	12	22.31	22.39	22.35			
5	QPSK	1	24	22.51	22.47	22.34			
5	QPSK	12	0	21.43	21.48	21.52			
5	QPSK	12	7	21.43	21.38	21.28	23	1	
5	QPSK	12	13	21.47	21.37	21.25			
5	QPSK	25	0	21.47	21.49	21.39			
5	HQAM	1	0	21.65	21.63	21.49			
5	HQAM	1	12	21.69	21.67	21.57	23	1	
5	HQAM	1	24	21.68	21.61	21.52			
5	HQAM	12	0	20.51	20.41	20.36			
5	HQAM	12	7	20.36	20.35	20.25	22	2	
5	HQAM	12	13	20.44	20.37	20.38			
5	HQAM	25	0	20.44	20.45	20.33			
5	HQAM	25	0	20.44	20.39	20.58			
5	HQAM	1	12	20.57	20.59	20.54	22	2	
5	HQAM	1	24	20.51	20.51	20.51			
5	HQAM	12	0	19.48	19.33	19.30			
5	HQAM	12	7	19.34	19.40	19.38	21	3	
5	HQAM	12	13	19.42	19.46	19.42			
5	HQAM	25	0	19.39	19.39	19.30			
5	SSQAM	1	0	17.51	17.49	17.36	19	5	
5	SSQAM	1	12	17.48	17.51	17.42			
5	SSQAM	1	24	17.38	17.50	17.43			
5	SSQAM	12	0	17.42	17.36	17.43	19	5	
5	SSQAM	12	7	17.37	17.46	17.42			
5	SSQAM	12	13	17.37	17.38	17.41			
5	SSQAM	25	0	17.42	17.52	17.45			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.42	22.51	22.48			
1.4	QPSK	1	3	22.37	22.39	22.33			
1.4	QPSK	1	5	22.32	22.35	22.36	24	0	
1.4	QPSK	3	0	22.36	22.44	22.29			
1.4	QPSK	3	1	22.42	22.49	22.38			
1.4	QPSK	3	3	22.31	22.44	22.42			
1.4	QPSK	6	0	21.33	21.42	21.45	23	1	
1.4	HQAM	1	0	21.36	21.43	21.38			
1.4	HQAM	1	3	21.49	21.41	21.33	23	1	
1.4	HQAM	1	5	21.27	21.48	21.32			
1.4	HQAM	3	0	21.29	21.48	21.31			
1.4	HQAM	3	1	21.39	21.47	21.41			
1.4	HQAM	3	3	21.38	21.43	21.38	22	2	
1.4	HQAM	1	0	20.31	20.40	20.38			
1.4	HQAM	1	3	20.30	20.46	20.37			
1.4	HQAM	1	5	20.31	20.43	20.30	22	2	
1.4	HQAM	3	0	20.29	20.52	20.41			
1.4	HQAM	3	1	20.36	20.43	20.38			
1.4	HQAM	3	3	20.41	20.47	20.32	21	3	
1.4	HQAM	6	0	19.37	19.39	19.29			
1.4	SSQAM	1	0	17.40	17.53	17.51	19	5	
1.4	SSQAM	1	3	17.34	17.50	17.38			
1.4	SSQAM	1	5	17.34	17.51	17.32			
1.4	SSQAM	3	0	17.34	17.48	17.41			
1.4	SSQAM	3	1	17.30	17.41	17.41			
1.4	SSQAM	3	3	17.39	17.53	17.29	19	5	
1.4	SSQAM	6	0	17.34	17.53	17.28			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (dBm)	MPE (dB)	
Channel									
23320									
Frequency [MHz]									
10	QPSK	1	0	22.71	22.71	22.71	24	0	
10	QPSK	1	25	22.81	22.81	22.81			
10	QPSK	1	49	22.86	22.86	22.86			
10	QPSK	25	0	21.81	21.81	21.81	23	1	
10	QPSK	25	12	21.83	21.83	21.83			
10	QPSK	25	25	21.59	21.59	21.59			
10	QPSK	50	0	21.62	21.62	21.62			
10	HQAM	1	0	21.84	21.84	21.84	23	1	
10	HQAM	1	25	21.63	21.63	21.63			
10	HQAM	1	49	21.81	21.81	21.81			
10	HQAM	25	0	20.62	20.62	20.62	22	2	
10	HQAM	25	12	20.59	20.59	20.59			
10	HQAM	25	25	20.57	20.57	20.57			
10	HQAM	50	0	20.61	20.61	20.61			
10	HQAM	1	0	20.85	20.85	20.85	22	2	
10	HQAM	1	25	20.64	20.64	20.64			
10	HQAM	1	49	20.85	20.85	20.85			
10	HQAM	25	0	19.84	19.84	19.84	21	3	
10	HQAM	25	12	19.80	19.80	19.80			
10	HQAM	25	25	19.59	19.59	19.59			
10	HQAM	50	0	19.89	19.89	19.89			
10	25QAM	1	0	17.41	17.41	17.41	19	5	
10	25QAM	1	25	17.68	17.68	17.68			
10	25QAM	1	49	17.65	17.65	17.65			
10	25QAM	25	0	16.62	16.62	16.62	19	5	
10	25QAM	25	12	17.07	17.07	17.07			
10	25QAM	25	25	17.07	17.07	17.07			
Channel									
23605									
Frequency [MHz]									
5	QPSK	1	0	22.63	22.63	22.63	24	0	
5	QPSK	1	12	22.39	22.39	22.43			
5	QPSK	1	24	22.59	22.59	22.51			
5	QPSK	12	0	21.54	21.54	21.48	23	1	
5	QPSK	12	7	21.61	21.61	21.52			
5	QPSK	12	13	21.62	21.62	21.47			
5	HQAM	1	0	21.81	21.81	21.48	23	1	
5	HQAM	1	6	21.79	21.88	21.91			
5	HQAM	1	12	21.79	21.88	21.91			
5	HQAM	12	0	21.62	21.62	21.56	22	2	
5	HQAM	12	6	21.80	21.73	21.70			
5	HQAM	12	13	20.59	20.53	20.58			
5	HQAM	25	0	20.52	20.48	20.48	20	5	
5	HQAM	25	6	20.57	20.52	20.54			
5	HQAM	25	13	20.79	20.73	20.78			
5	HQAM	12	19	20.51	20.53	20.53	22	2	
5	HQAM	12	26	20.73	20.68	20.70			
5	HQAM	12	33	19.59	19.62	19.57			
5	HQAM	12	7	19.52	19.35	19.46	21	3	
5	HQAM	12	14	19.51	19.48	19.38			
5	HQAM	12	21	19.45	19.20	19.32			
5	25QAM	1	0	17.49	17.49	17.52	19	5	
5	25QAM	1	6	17.56	17.51	17.51			
5	25QAM	1	24	17.56	17.56	17.52			
5	25QAM	12	0	17.55	17.55	17.49	19	5	
5	25QAM	12	17	17.48	17.60	17.50			
5	25QAM	12	13	17.52	17.57	17.54			
5	25QAM	12	20	17.52	17.57	17.54			

Band 17_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [Freq.]	Power Mide Ch [Freq.]	Power High Ch [Freq.]	Turn-up time (dBm)	MFR (dB)		
Channel										
Frequency (MHz)				23760	23760	23800				
5	QPSK	1	0	22.00	22.00	22.00				
5	QPSK	1	25	22.43	22.41	22.36	24	0		
5	QPSK	1	49	22.44	22.46	22.42				
5	QPSK	12	0	21.47	21.48	21.37				
5	QPSK	12	7	21.40	21.38	21.36	23	1		
5	QPSK	12	13	21.42	21.39	21.31				
5	QPSK	50	0	21.43	21.45	21.37				
5	HQAM	1	0	21.52	21.50	21.52				
5	HQAM	1	25	21.61	21.58	21.56	23	1		
5	HQAM	1	49	21.63	21.58	21.63				
5	HQAM	25	0	20.42	20.38	20.36				
5	HQAM	25	12	20.41	20.36	20.36	22	2		
5	HQAM	25	25	20.44	20.39	20.36				
5	HQAM	50	0	20.41	20.36	20.35				
5	HQAM	1	0	20.60	20.60	20.60				
5	HQAM	1	25	20.52	20.49	20.52	22	2		
5	HQAM	1	49	20.50	20.50	20.50				
5	HQAM	25	0	19.41	19.40	19.37				
5	HQAM	25	12	19.41	19.41	19.36	21	3		
5	HQAM	25	25	19.46	19.40	19.36				
5	HQAM	50	0	19.43	19.39	19.34				
5	HQAM	1	0	17.47	17.49	17.36				
5	HQAM	1	25	17.38	17.41	17.33	19	5		
5	HQAM	1	49	17.44	17.52	17.38				
5	HQAM	25	0	17.51	17.41	17.28				
5	HQAM	25	12	17.49	17.48	17.40	19	5		
5	HQAM	25	25	17.38	17.51	17.35				
5	HQAM	50	0	17.46	17.51	17.40				
Channel										
Frequency (MHz)				23765 <th>23760</th> <th>23805</th> <th>Turn-up time (dBm)</th> <th>MFR (dB)</th> <th colspan="2"></th>	23760	23805	Turn-up time (dBm)	MFR (dB)		
5	QPSK	1	0	22.40	22.40	22.43				
5	QPSK	1	12	22.37	22.38	22.38	24	0		
5	QPSK	1	24	22.43	22.40	22.38				
5	QPSK	12	0	21.30	21.40	21.24				
5	QPSK	12	7	21.38	21.26	21.21	23	1		
5	QPSK	12	13	21.40	21.37	21.32				
5	HQAM	1	0	21.33	21.40	21.25				
5	HQAM	1	0	21.67	21.59	21.76				
5	HQAM	1	12	21.60	21.51	21.41	23	1		
5	HQAM	1	24	21.58	21.46	21.37				
5	HQAM	12	0	20.38	20.37	20.24				
5	HQAM	12	7	20.32	20.26	20.33	22	2		
5	HQAM	12	13	20.30	20.29	20.28				
5	HQAM	25	0	20.40	20.42	20.27				
5	HQAM	1	0	20.49	20.47	20.58				
5	HQAM	1	12	20.40	20.40	20.45	22	2		
5	HQAM	1	24	20.54	20.49	20.44				
5	HQAM	12	0	19.37	19.36	19.33				
5	HQAM	12	7	19.33	19.31	19.23	21	3		
5	HQAM	12	13	19.32	19.26	19.30				
5	HQAM	25	0	19.29	19.28	19.27				
5	HQAM	1	0	17.38	17.25	17.17	19	5		
5	HQAM	1	12	17.26	17.28	17.14				
5	HQAM	1	24	17.38	17.44	17.28				
5	HQAM	12	0	17.36	17.29	17.17				
5	HQAM	12	7	17.38	17.26	17.31	19	5		
5	HQAM	12	13	17.24	17.38	17.24				
5	HQAM	25	0	17.35	17.40	17.32				

Band 25_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/MHz]	Power Mide Ch [F/MHz]	Power High Ch [F/MHz]	Turn-up time (dBm)	MFR (dB)		
Channel										
Frequency				26140	26340	26550				
20	QPSK	1	0	23.10	23.10	23.10	24	0		
20	QPSK	1	49	23.07	23.15	23.08			24	0
20	QPSK	1	99	23.14	23.08	22.96				
20	QPSK	50	0	23.13	23.15	23.06				
20	QPSK	50	24	22.11	23.14	22.04			23	1
20	QPSK	50	50	22.12	23.17	22.04				
20	QPSK	100	0	22.10	22.13	22.03				
20	HQAM	1	0	22.44	22.42	22.32				
20	HQAM	1	49	22.31	22.38	22.22	23	1		
20	HQAM	1	99	22.39	22.34	22.30				
20	HQAM	50	0	21.11	21.15	21.09				
20	HQAM	50	24	21.12	21.17	21.05	22	2		
20	HQAM	50	50	21.13	21.10	20.98				
20	HQAM	100	0	21.13	21.10	21.00				
20	HQAM	1	0	21.36	21.28	21.27	22	2		
20	HQAM	1	25	21.29	21.21	21.21				
20	HQAM	1	49	21.25	21.21	21.07				
20	HQAM	50	0	20.16	20.17	20.16				
20	HQAM	50	24	20.16	20.18	20.07			21	3
20	HQAM	50	50	20.15	20.11	19.99				
20	HQAM	100	0	20.15	20.13	20.03				
20	HQAM	1	49	19.08	19.17	19.00	19	5		
20	HQAM	1	99	19.04	19.18	18.91				
20	HQAM	50	0	18.09	18.16	18.11				
20	HQAM	50	24	18.14	18.18	18.06	19	5		
20	HQAM	50	50	18.15	18.16	18.00				
20	HQAM	100	0	18.05	18.05	17.99				
Channel										
Frequency [MHz]				26115	26340	26550	Turn-up time (dBm)	MFR (dB)		
15	QPSK	1	0	23.10	23.07	23.09				
15	QPSK	1	37	23.03	23.09	22.99	24	0		
15	QPSK	1	74	23.00	23.02	22.83				
15	QPSK	1	111	22.91	22.94	21.93				
15	QPSK	36	20	22.97	22.93	22.93	23	1		
15	QPSK	75	0	22.03	22.12	21.94				
15	HQAM	1	0	22.34	22.27	22.23			23	1
15	HQAM	1	25	22.17	22.18	22.16				
15	HQAM	1	74	22.33	22.27	22.30				
15	HQAM	36	0	21.07	21.06	20.99				
15	HQAM	36	25	21.08	21.15	21.07	22	2		
15	HQAM	36	39	21.12	21.09	20.89				
15	HQAM	75	0	21.93	21.96	20.92				
15	HQAM	75	0	21.93	21.92	21.15				
15	HQAM	1	37	21.44	21.19	21.09	22	2		
15	HQAM	36	0	20.07	20.13	19.97				
15	HQAM	36	20	20.14	20.14	19.97	21	3		
15	HQAM	75	0	19.09	19.09	19.09				
15	HQAM	75	0	19.09	19.02	17.98	19	5		
15	HQAM	1	74	18.98	18.16	17.96				
15	HQAM	36	0	17.96	18.13	18.07				
15	HQAM	36	20	18.13	18.03	18.00	19	5		
15	HQAM	36	39	17.90	18.04	18.01				
15	HQAM	75	0	18.00	17.97	17.99				
Channel										
Frequency [MHz]				26125	26340	26550	Turn-up time (dBm)	MFR (dB)		
15	QPSK	1	0	18.55	18.60	18.10				
15	QPSK	1	12	18.50	18.15	18.22	24	0		
15	QPSK	1	49	18.59	18.67	18.86				
15	QPSK	25	0	18.20	18.20	18.21				
15	QPSK	25	12	18.21	18.12	18.21	23	1		
15	QPSK	25	25	18.23	18.22	18.18				
15	QPSK	50	0	18.04	18.04	18.04				
15	QPSK	50	25	18.04	18.04	18.04				
15	QPSK	50	50	18.04	18.04	18.04				
15	QPSK	100	0	18.04	18.04	18.04				

Band 26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Med Ch / Freq	Power High Ch / Freq	Turn-up (dB)	MPR (dB)	
Channel									
Frequency (MHz)	811.5	811.5	811.5						
15 QPSK 1 0	22.78	22.82	22.84						
15 QPSK 1 37	22.77	22.82	22.86	24	0				
15 QPSK 1 74	22.77	22.82	22.86						
15 QPSK 36 0	21.92	21.97	21.93						
15 QPSK 36 37	21.96	21.81	21.81	23	1				
15 QPSK 75 0	21.92	22.05	21.96						
15 HQPSK 1 37	22.05	22.23	21.93	23	1				
15 HQPSK 1 74	22.18	22.10	21.97						
15 HQPSK 36 0	20.97	20.96	20.87						
15 HQPSK 36 37	20.97	20.84	20.82	22	2				
15 HQPSK 75 0	20.96	20.96	20.86						
15 HQPSK 1 0	21.03	21.03	21.06						
15 HQPSK 1 37	21.07	21.08	21.17	22	2				
15 HQPSK 36 0	21.06	21.13	20.96						
15 HQPSK 36 37	21.06	21.07	21.06						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05						
15 HQPSK 75 0	21.05	21.05	21.05						
15 HQPSK 1 0	21.05	21.05	21.05						
15 HQPSK 1 37	21.05	21.05	21.05						
15 HQPSK 36 0	21.05	21.05	21.05						
15 HQPSK 36 37	21.05	21.05	21.05		</				

Band 66_Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Meds Ch / Freq	Power High Ch / Freq	Turn-up time (sec)	MFR (dB)	
Channel									
130372 130373 130374									
Frequency (MHz)									
20	QPSK	1	0	23.03	23.05	23.06			
20	QPSK	1	49	23.04	23.07	23.08	24	0	
20	QPSK	1	99	23.05	23.08	23.09			
20	QPSK	50	0	23.05	23.05	23.05			
20	QPSK	50	24	23.07	23.07	23.07			
20	QPSK	50	50	23.09	23.09	23.09	23	1	
20	QPSK	100	0	23.09	23.09	23.09			
20	16QAM	1	0	23.10	23.10	23.10			
20	16QAM	1	49	23.12	23.12	23.12	23	1	
20	16QAM	1	99	23.14	23.15	23.15			
20	16QAM	50	0	23.09	23.09	23.09			
20	16QAM	50	24	23.07	23.07	23.07	22	2	
20	16QAM	50	50	23.09	23.09	23.09			
20	16QAM	100	0	23.09	23.09	23.09			
20	16QAM	1	0	23.12	23.12	23.12	22	2	
20	16QAM	1	49	23.10	23.10	23.10			
20	16QAM	1	99	23.08	23.08	23.08			
20	16QAM	50	0	23.02	19.88	20.05			
20	16QAM	50	24	19.88	19.88	20.05			
20	16QAM	50	50	19.84	19.85	20.04	21	3	
20	16QAM	100	0	19.87	19.82	20.05			
20	256QAM	1	49	17.83	17.82	17.80			
20	256QAM	1	99	17.88	17.83	17.88	19	5	
20	256QAM	1	99	17.88	17.81	17.77			
20	256QAM	50	0	17.80	17.83	17.88			
20	256QAM	50	24	17.91	17.87	17.80			
20	256QAM	50	50	17.87	17.87	17.80	19	5	
20	256QAM	100	0	17.89	17.91	17.79			
Channel									
133457 133458 133459									
Frequency (MHz)									
15	QPSK	1	0	23.01	23.02	23.02			
15	QPSK	1	37	23.06	23.07	23.04	24	0	
15	QPSK	1	74	23.08	23.09	23.08			
15	QPSK	36	24	23.07	23.04	23.02			
15	QPSK	36	20	23.06	23.05	23.04	23	1	
15	QPSK	36	16	23.05	23.04	23.03			
15	QPSK	75	0	23.01	23.02	23.02			
15	16QAM	1	0	23.11	23.10	23.14			
15	16QAM	1	37	23.03	23.03	23.03	23	1	
15	16QAM	1	74	23.10	23.09	23.07			
15	16QAM	36	0	20.93	20.85	20.88			
15	16QAM	36	20	20.85	20.82	20.88	22	2	
15	16QAM	36	39	20.81	20.85	20.88			
15	16QAM	75	0	20.88	20.82	20.87			
15	16QAM	1	0	23.01	23.11	23.09			
15	16QAM	1	37	23.03	23.03	23.02	22	2	
15	16QAM	1	74	23.06	23.05	23.03			
15	16QAM	36	0	19.88	19.87	19.91			
15	16QAM	36	20	19.89	19.90	20.03	21	3	
15	16QAM	36	39	19.91	19.92	20.03			
15	16QAM	75	0	19.91	19.85	20.03			
15	256QAM	1	0	17.87	17.79	17.76			
15	256QAM	1	37	17.83	17.83	17.83	19	5	
15	256QAM	1	74	17.84	17.81	17.72			
15	256QAM	36	0	17.87	17.81	17.88			
15	256QAM	36	20	17.88	17.83	17.79	19	5	
15	256QAM	36	39	17.79	17.85	17.86			
15	256QAM	75	0	17.81	17.77	17.67			
Channel									
133457 133458 133459									
Frequency (MHz)									
10	QPSK	1	0	23.05	23.07	23.07			
10	QPSK	1	20	23.03	23.07	23.07	24	0	
10	QPSK	1	49	23.07	23.07	23.07			
10	QPSK	25	0	21.88	21.90	21.88			
10	QPSK	25	13	21.83	21.78	21.80	23	1	
10	QPSK	25	26	21.88	21.72	21.82			
10	QPSK	50	0	21.87	21.99	21.96			
10	16QAM	1	0	23.13	23.08	23.12			
10	16QAM	1	25	23.07	23.15	23.21	23	1	
10	16QAM	1	49	23.10	23.08	23.10			
10	16QAM	25	0	20.87	20.89	20.89			
10	16QAM	25	13	20.95	20.90	21.00	22	2	
10	16QAM	25	26	20.84	20.78	20.88			
10	16QAM	50	0	20.80	20.90	21.02			
10	16QAM	1	0	21.11	20.98	21.30			
10	16QAM	1	25	21.03	21.00	21.00	22	2	
10	16QAM	1	49	21.05	20.88	21.07			
10	16QAM	25	0	19.89	19.92	19.88			
10	16QAM	25	13	19.84	19.83	19.83	21	3	
10	16QAM	25	26	19.84	19.74	20.02			
10	16QAM	50	0	19.84	19.83	19.83			
10	256QAM	1	0	17.87	17.91	17.85			
10	256QAM	1	25	17.74	17.79	17.80	19	5	
10	256QAM	1	49	17.80	17.80	17.79			
10	256QAM	25	0	17.82	17.82	17.82			
10	256QAM	25	13	17.84	17.80	17.78	19	5	
10	256QAM	25	26	17.80	17.78	17.74			
10	256QAM	50	0	17.80	17.78	17.74			
Channel									
133457 133458 133459									
Frequency (MHz)									
5	QPSK	1	0	23.02	23.01	23.05			
5	QPSK	1	12	23.02	23.07	23.05	24	0	
5	QPSK	1	24	23.04	23.05	23.05			
5	QPSK	12	0	21.90	22.03	21.89			
5	QPSK	12	7	21.82	21.75	21.80	23	1	
5	QPSK	12	15	21.87	21.75	21.77			
5	QPSK	25	0	21.90	21.89	21.89			
5	16QAM	1	0	23.10	23.09	23.13			
5	16QAM	1	12	23.04	23.13	23.10	23	1	
5	16QAM	1	24	23.09	23.04	23.10			
5	16QAM	12	0	21.90	20.83	20.92			
5	16QAM	12	7	20.79	20.73	21.00	22	2	
5	16QAM	12	15	20.81	20.82	20.78			
5	16QAM	25	0	20.81	20.83	20.83			
5	16QAM	1	0	20.97	21.08	21.29			
5	16QAM	1	12	20.94	21.00	21.12	22	2	
5	16QAM	1	24	21.03	20.80	21.08			
5	16QAM	12	0	19.88	19.86	19.83			
5	16QAM	12	7	19.81	19.78	19.84	21	3	
5	16QAM	12	15	19.85	19.83	19.87			
5	16QAM	25	0	19.83	19.77	19.81			
5	256QAM	1	0	17.80	17.75	17.84			
5	256QAM	1	12	17.81	17.75	17.85	19	5	
5	256QAM	1	24	17.81	17.75	17.85			
5	256QAM	12	7	17.87	17.83	17.73	19	5	
5	256QAM	12	15	17.80	17.85	17.80			
5	256QAM	25	0	17.78	17.88	17.71			
Channel									
133457 133458 133459									
Frequency (MHz)									
14	QPSK	1	0	22.88	22.89	22.89			
14	QPSK	1	3	22.82	22.89	22.79	24	0	
14	QPSK	1	6	22.84	22.85	22.77			
14	QPSK	3	0	22.78	22.87	22.72			
14	QPSK	3	6	22.76	22.83	22.80			
14	QPSK	3	12	22.78	22.85	22.80	23	1	
14	QPSK	6	0	21.86	21.83	21.81			
14	QPSK	6	7	21.85	21.75	21.81			
14	QPSK	15	0	21.80	21.84	21.78			
14	16QAM	1	0	23.14	23.09	23.10			
14	16QAM	1	3	21.81	21.90	21.78	23	1	
14	16QAM	1	6	21.83	21.94	21.76			
14	16QAM	3	0	21.75	21.91	21.81			
14	16QAM	3	1	21.74	21.93	21.71			
14	16QAM	3	3	21.79	21.94	21.84	22	2	
14	16QAM	6	0	20.73	20.88	20.80			
14	16QAM	1	0	20.77	20.92	20.81			
14	16QAM	1	3	20.76	20.91	20.80	22	2	
14	16QAM	3	0	20.87	20.85	20.71			
14	16QAM	3	3	20.87	20.88	20.80			
14	16QAM	6	0	19.83	19.84	19.80	21	3	
14	256QAM	1	0	17.83	17.80	17.84			
14	256QAM	1	3	17.75	17.86	17.85			
14	256QAM	1	6	17.82	17.80	17.77	19	5	
14	256QAM	3	0	17.74	17.80	17.81			
14	256QAM	3	1	17.80	17.80	17.81			
14	256QAM	6	0	17.77	17.86	17.80			
14	256QAM	6	0	17.76	17.85	17.80			

Band 38_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (sec)	MPE (dB)				
Channel												
Frequency (MHz)				37850	38000	38150						
				2575	25955	2615						
20	QPSK	1	0	23.07	23.10	22.99	24	0				
20	QPSK	1	49	23.04	23.05	23.05						
20	QPSK	1	99	23.10	23.10	23.09						
20	QPSK	50	0	23.08	23.08	23.08	23	1				
20	QPSK	50	49	22.99	22.99	22.99						
20	QPSK	50	99	23.04	23.04	23.04						
20	QPSK	100	0	22.99	22.99	22.99	23	1				
20	QPSK	100	49	22.19	22.21	22.21						
20	QPSK	100	99	22.20	22.20	22.20						
20	QPSK	50	0	21.05	21.04	21.10	22	2				
20	QPSK	50	49	21.10	21.10	21.11						
20	QPSK	50	99	21.10	21.11	21.12						
20	QPSK	100	0	21.05	21.06	21.05	22	2				
20	QPSK	100	49	20.86	20.91	20.91						
20	QPSK	100	99	20.88	20.88	20.90						
20	QPSK	50	0	20.86	20.88	20.90	21	3				
20	QPSK	50	49	20.78	20.78	20.15						
20	QPSK	50	99	20.15	20.14	20.21						
20	QPSK	100	0	20.14	20.13	20.20	19	5				
20	QPSK	100	49	17.85	17.87	17.89						
20	QPSK	100	99	17.89	17.87	18.03						
20	QPSK	1	0	17.91	17.97	18.03	19	5				
20	QPSK	1	49	17.84	17.87	17.85						
20	QPSK	1	99	17.87	17.85	18.00						
20	QPSK	50	0	17.84	17.85	17.85	19	5				
20	QPSK	50	49	17.84	17.85	17.85						
20	QPSK	50	99	17.86	17.85	17.91						
Channel												
Frequency (MHz)				38775	38995	39215						
15	QPSK	1	0	23.07	23.10	22.99				24	0	
15	QPSK	1	49	22.99	22.99	22.99						
15	QPSK	1	99	23.02	23.01	23.02						
15	QPSK	50	0	23.08	23.08	23.08	23	1				
15	QPSK	50	49	22.99	22.99	22.99						
15	QPSK	50	99	23.04	23.04	23.04						
15	QPSK	100	0	23.04	23.04	23.04	23	1				
15	QPSK	100	49	22.99	22.99	22.99						
15	QPSK	100	99	23.04	23.04	23.04						
15	QPSK	50	0	21.05	21.04	21.10	22	2				
15	QPSK	50	49	21.10	21.10	21.11						
15	QPSK	50	99	21.10	21.11	21.12						
15	QPSK	100	0	21.05	21.06	21.05	22	2				
15	QPSK	100	49	20.87	21.03	20.99						
15	QPSK	100	99	20.94	20.78	20.78						
15	QPSK	50	0	20.94	20.78	20.78	22	2				
15	QPSK	50	49	20.78	20.78	20.78						
15	QPSK	50	99	20.82	20.83	20.83						
15	QPSK	100	0	20.82	20.83	20.83	21	3				
15	QPSK	100	49	20.78	20.78	20.15						
15	QPSK	100	99	20.15	20.06	20.05						
15	QPSK	50	0	20.15	20.06	20.05	19	5				
15	QPSK	50	49	17.88	17.88	17.87						
15	QPSK	50	99	17.88	17.88	17.87						
15	QPSK	100	0	17.88	17.88	17.87	19	5				
15	QPSK	100	49	17.88	17.88	17.87						
15	QPSK	100	99	17.89	17.88	17.87						
Channel												
Frequency (MHz)				37850	38000	38150						
				2575	25955	2615						
20	QPSK	1	0	23.07	23.10	22.99	24	0				
20	QPSK	1	49	23.02	23.09	23.04						
20	QPSK	1	99	23.08	23.09	23.04						
20	QPSK	50	0	23.08	23.08	23.08	23	1				
20	QPSK	50	49	22.99	22.99	22.99						
20	QPSK	50	99	23.04	23.04	23.04						
20	QPSK	100	0	23.04	23.04	23.04	23	1				
20	QPSK	100	49	22.99	22.99	22.99						
20	QPSK	100	99	23.04	23.04	23.04						
20	QPSK	50	0	21.05	21.04	21.10	22	2				
20	QPSK	50	49	21.10	21.09	21.10						
20	QPSK	50	99	21.10	21.10	21.10						
20	QPSK	100	0	21.05	21.05	21.05	22	2				
20	QPSK	100	49	20.87	21.05	21.05						
20	QPSK	100	99	20.94	20.78	20.78						
20	QPSK	50	0	20.94	20.78	20.78	22	2				
20	QPSK	50	49	20.78	20.78	20.78						
20	QPSK	50	99	20.82	20.83	20.83						
20	QPSK	100	0	20.82	20.83	20.83	21	3				
20	QPSK	100	49	20.78	20.78	20.15						
20	QPSK	100	99	20.15	20.06	20.05						
20	QPSK	50	0	20.15	20.06	20.05	19	5				
20	QPSK	50	49	17.88	17.88	17.87						
20	QPSK	50	99	17.88	17.88	17.87						
20	QPSK	100	0	17.88	17.88	17.87	19	5				
20	QPSK	100	49	17.88	17.88	17.87						
20	QPSK	100	99	17.89	17.88	17.87						
Channel												
Frequency (MHz)				38775	38995	39215						
15	QPSK	1	0	23.07	23.10	22.97				24	0	
15	QPSK	1	49	22.99	22.99	22.99						
15	QPSK	1	99	23.02	23.01	23.02						
15	QPSK	50	0	23.08	23.08	23.08	23	1				
15	QPSK	50	49	22.99	22.99	22.99						
15	QPSK	50	99	23.04	23.04	23.04						
15	QPSK	100	0	23.04	23.04	23.04	23	1				
15	QPSK	100	49	22.99	22.99	22.99						
15	QPSK	100	99	23.04	23.04	23.04						
15	QPSK	50	0	21.05	21.04	21.10	22	2				
15	QPSK	50	49	21.10	21.09	21.10						
15	QPSK	50	99	21.10	21.10	21.10						
15	QPSK	100	0	21.05	21.05	21.05	22	2				
15	QPSK	100	49	20.87	21.05	21.05						
15	QPSK	100	99	20.94	20.78	20.78						
15	QPSK	50	0	20.94	20.78	20.78	22	2				
15	QPSK	50	49	20.78	20.78	20.78						
15	QPSK	50	99	20.82	20.83	20.83						
15	QPSK	100	0	20.82	20.83	20.83	21	3				
15	QPSK	100	49	20.78	20.78	20.15						
15	QPSK	100	99	20.15	20.06	20.05						
15	QPSK	50	0	20.15	20.06	20.05	19	5				
15	QPSK	50	49	17.88	17.88	17.87						
15	QPSK	50	99	17.88	17.88	17.87						
15	QPSK	100	0	17.88	17.88	17.87	19	5				
15	QPSK	100	49	17.88	17.88	17.87						
15	QPSK	100	99	17.89	17.88	17.87						
Channel												
Frequency (MHz)				38775	38995	39215						
15	QPSK	1	0	23.07	23.10	22.97				24	0	
15	QPSK	1	49	22.99	22.99	22.99						
15	QPSK	1	99	23.02	23.01	23.02						
15	QPSK	50	0	23.08	23.08	23.08	23	1				
15	QPSK	50	49	22.99	22.99	22.99						
15	QPSK	50	99	23.04	23.04	23.04						
15	QPSK	100	0	23.04	23.04	23.04	23	1				
15	QPSK	100	49	22.99	22.99	22.99						
15	QPSK	100	99	23.04	23.04	23.04						
15	QPSK	50	0	21.05	21.04	21.10	22	2				
15	QPSK	50	49	21.10	21.09	21.10						
15	QPSK	50	99	21.10	21.10	21.10						
15	QPSK	100	0	21.05	21.05	21.05	22	2				
15	QPSK	100	49	20.87	21.05	21.05						
15	QPSK	100	99	20.94	20.78	20.78						
15	QPSK	50	0	20.94	20.78	20.78	22	2				
15	QPSK	50	49	20.78	20.78	20.78						
15	QPSK	50	99	20.82	20.83	20.83						
15	QPSK	100	0	20.82	20.83	20.83	21	3				
15	QPSK	100	49	20.78	20.78	20.15						
15	QPSK	100	99	20.15	20.06	20.05						
15	QPSK	50	0	20.15	20.06	20.05	19	5				
15	QPSK	50	49	17.88	17.88	17.87						
15	QPSK	50	99	17.88	17.88	17.87						
15	QPSK	100	0	17.88	17.88	17.87	19	5				
15	QPSK	100	49	17.88	17.88	17.87						
15	QPSK	100	99	17.89	17.88	17.87						
Channel												
Frequency (MHz)				38775	38995	39215						
15	QPSK	1	0	23.07	23.10	22.97				24	0	
15	QPSK	1	49	22.99	22.99	22.99						
15	QPSK	1	99	23.02	23.01	23.02						
15	QPSK	50	0	23.08	23.08	23.08	23	1				
15	QPSK	50	49	22.99	22.99	22.99						
15	QPSK	50	99	23.04	23.04	23.04						
15	QPSK	100	0	23.04	23.04	23.04	23	1				
15	QPSK	100	49	22.99	22.99	22.99						
15	QPSK	100	99	23.04	23.04	23.04						
15	QPSK	50	0	21.05	21.04	21.10	22	2				
15	QPSK	50	49	21.10	21.09	21.10						
15	QPSK	50	99	21.10	21.10	21.10						
15	QPSK	100	0	21.05	21.05	21.05	22	2				
15	QPSK	100	49	20.87	21.05	21.05						
15	QPSK	100	99	20.94	20.78	20.78						
15	QPSK	50	0	20.94	20.78	20.78	22	2				
15	QPSK	50	49	20.78	20.78	20.78						
15	QPSK	50	99	20.82	20.83	20.83						
15	QPSK	100	0	20.82	20.83	20.83	21	3				
15	QPSK	100	49	20.78	20.78	20.15						
15	QPSK	100	99	20.15	20.06	20.05						
15	QPSK	50	0	20.15	20.06	20.05	19	5				
15	QPSK	50	49	17.88	17.88	17.87						
15	QPSK	50	99	17.88	17.88	17.87						
15	QPSK	100	0	17.88	17.88	17.87	19	5				
15	QPSK	100	49	17.88	17.88	17.87						
15	QPSK	100	99	17.89	17.88	17.87						
Channel												
Frequency (MHz)				38775	38995	39215						
15	QPSK	1	0	23.07	23.10	2						

Band 41_Ant 2_PC2																
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Middle Ch (Freq)	Power High Ch (Freq)	Power High Ch (Freq)	Turn-up time (min)	MPR (dB)						
Channel																
Frequency (MHz)																
20	QPSK	1	0	36750	44165	46020	47455	44165	27	0						
20	QPSK	1	49	26.17	26.11	25.03	26.00	25.54								
20	QPSK	1	99	26.20	26.12	25.62	25.84	25.25								
20	QPSK	50	0	25.25	25.25	25.25	25.09	24.98								
20	QPSK	50	49	25.22	25.17	25.01	25.05	25.00								
20	QPSK	100	0	25.22	25.18	25.24	25.03	24.93	26	1						
20	16QAM	1	49	25.26	25.20	25.14	25.34	25.10								
20	16QAM	1	99	25.42	25.44	25.15	25.20	25.13								
20	16QAM	50	0	25.14	25.19	25.14	25.19	25.08								
20	16QAM	50	24	24.36	24.24	24.03	24.12	24.00								
20	16QAM	100	0	24.36	24.22	24.01	24.07	23.98	25	2						
20	16QAM	100	49	24.26	24.22	24.01	24.07	23.98								
20	16QAM	1	0	24.26	24.19	23.94	24.00	24.12								
20	16QAM	1	99	24.27	24.26	24.04	24.16	24.07								
20	16QAM	1	99	24.26	24.15	24.15	24.05	24.03								
20	16QAM	50	24	23.28	23.24	23.04	23.12	23.00	24	3						
20	16QAM	50	99	23.28	23.25	23.01	23.07	22.95								
20	256QAM	1	0	21.12	21.10	21.12	21.16	21.10								
20	256QAM	1	49	21.08	21.08	21.09	21.08	21.00								
20	256QAM	1	99	21.07	21.08	21.07	21.08	21.09								
20	256QAM	50	0	21.14	21.19	21.14	21.19	21.08	22	5						
20	256QAM	50	24	21.11	21.11	21.11	21.11	21.14								
20	256QAM	100	0	21.09	21.09	21.09	21.09	21.00								
20	256QAM	100	99	21.09	21.10	21.09	21.10	21.01								
20	256QAM	100	99	21.09	21.10	21.09	21.10	21.01								
Turn-up time (min)																
MPR (dB)																
Channel																
Frequency (MHz)																
15	QPSK	1	0	36750	44165	46020	47455	44165	27	0						
15	QPSK	1	37	25.79	25.91	25.82	25.85	25.77								
15	QPSK	1	74	25.88	25.82	25.80	25.82	25.87								
15	QPSK	36	0	25.17	25.05	25.07	25.07	25.02								
15	QPSK	36	20	24.90	24.91	24.85	24.98	24.87								
15	QPSK	75	0	25.09	24.98	25.20	24.89	24.80	26	1						
15	QPSK	75	36	25.09	24.98	25.20	24.89	24.80								
15	16QAM	1	0	25.03	25.11	24.98	25.09	24.98								
15	16QAM	1	37	25.13	25.24	24.92	25.05	24.96								
15	16QAM	1	74	25.03	25.19	25.05	25.05	24.98								
15	16QAM	36	0	23.89	24.04	23.95	24.03	23.90	25	2						
15	16QAM	36	20	24.02	24.05	24.11	23.99	24.00								
15	16QAM	36	36	24.01	23.97	24.02	23.96	23.95								
15	16QAM	75	0	23.88	24.02	23.92	23.95	23.90								
15	16QAM	75	36	23.85	23.79	23.97	23.96	23.91								
15	16QAM	1	37	24.02	24.07	24.02	24.02	23.96	25	2						
15	16QAM	1	74	24.02	24.05	24.05	24.05	23.96								
15	16QAM	36	0	22.88	22.99	22.88	23.02	22.94								
15	16QAM	36	36	23.03	22.97	23.00	23.01	22.94								
15	16QAM	75	0	23.03	22.97	23.00	23.01	22.90								
15	256QAM	1	0	21.04	21.06	21.08	21.01	21.00	22	5						
15	256QAM	1	37	21.02	21.04	21.07	21.03	21.00								
15	256QAM	36	0	21.00	21.13	21.05	21.16	21.03								
15	256QAM	36	20	21.05	21.09	21.06	21.09	21.08								
15	256QAM	36	36	21.01	21.07	21.07	21.16	21.07								
15	256QAM	75	0	20.99	21.01	20.97	21.16	21.07								
15	256QAM	75	36	20.99	21.01	20.97	21.16	21.07								
Turn-up time (min)																
MPR (dB)																
Channel																
Frequency (MHz)																
10	QPSK	1	0	36750	44165	46020	47455	44165	27	0						
10	QPSK	1	24	25.02	25.06	25.79	25.54	25.83								
10	QPSK	1	49	25.17	25.84	25.80	25.83	25.80								
10	QPSK	25	0	25.14	24.99	25.14	25.04	25.10								
10	QPSK	25	24	24.96	24.99	24.89	24.93	24.90								
10	QPSK	25	24	24.88	24.94	25.06	25.04	24.97	26	1						
10	QPSK	50	0	25.09	24.99	25.20	24.98	24.81								
10	QPSK	50	49	24.97	24.94	24.82	25.05	24.98								
10	16QAM	1	25	25.03	25.33	25.08	25.31	25.00								
10	16QAM	1	74	25.17	25.19	25.16	25.16	25.07								
10	16QAM	25	0	23.89	24.00	23.94	23.95	23.94	25	2						
10	16QAM	25	12	23.90	24.04	23.92	24.00	23.95								
10	16QAM	25	24	24.03	24.09	24.01	23.99	24.04								
10	16QAM	50	0	23.78	24.00	23.99	24.04	23.94								
10	16QAM	50	49	23.79	23.89	23.90	23.98	24.10								
10	16QAM	1	25	24.03	24.02	23.89	24.05	23.98	25	2						
10	16QAM	1	49	24.16	23.97	24.06	23.97	23.99								
10	16QAM	25	0	22.83	22.97	22.84	22.95	22.81								
10	16QAM	25	12	23.02	23.11	22.99	23.00	22.97								
10	16QAM	25	24	23.02	23.07	23.05	23.05	23.00								
10	256QAM	1	0	21.07	21.04	21.11	21.06	21.07	22	5						
10	256QAM	1	25	21.06	21.05	21.08	21.01	21.01								
10	256QAM	25	0	21.12	21.08	21.09	21.12	21.04								
10	256QAM	25	12	21.00	21.06	21.04	21.07	21.11								
10	256QAM	25	24	21.02	21.10	21.03	21.17	21.04								
10	256QAM	50	0	20.95	20.99	21.08	20.96	20.95	22	5						
10	256QAM	50	24	20.95	20.94	20.98	20.94	20.95								
Turn-up time (min)																
MPR (dB)																
Channel																
Frequency (MHz)																
5	QPSK	1	0	36.14	25.07	26.11	25.92	25.95	27	0						
5	QPSK	1	12	25.79	25.88	25.82	25.90	25.74								
5	QPSK	1	24	25.88	25.82	25.80	25.82	25.87								
5	QPSK	12	0	25.25	25.04	25.22	25.09	24.98								
5	QPSK	12	7	24.81	24.99	24.84	25.03	24.88								
5	QPSK	25	0	24.95	24.95	24.85	24.90	24.81	26	1						
5	QPSK	25	0	25.10	24.98	25.15	24.84	24.85								
5	16QAM	1	0	25.03	25.11	24.98	25.09	24.98								
5	16QAM	1	12	25.13	25.24	24.92	25.05	24.96								
5	16QAM	1	24	25.15	25.06	25.01	25.11	25.01								
5	16QAM	12	7	23.98	24.04	23.98	24.08	23.95	25	2						
5	16QAM	12	15	23.97	24.04	23.92	24.02	23.98								
5	16QAM	25	0	23.85	23.88	23.82	23.95	24.02								
5	16QAM	1	12	24.01	24.01	23.89	24.07	23.94								
5	16QAM	1	24	24.01	24.01	23.89	24.07	23.94								
5	16QAM	12	0	22.96	23.05	22.83	23.03	22.92	24	3						
5	16QAM	12	12	23.02	23.08	22.99	23.09	22.97								
5	16QAM	25	0	22.83	22.97	22.84	22.95	22.81								
5	16QAM	25	12	23.09	23.14	22.96	23.08	22.97								
5	16QAM	25	24	23.09	23.05	22.88	23.08	22.80								
5	256QAM	1	12	21.05	21.06	21.02	21.03	21.01	22	5						
5	256QAM	1	24	20.97	20.98	20.93	21.07	21.07								
5	256QAM	12	0	21.11	21.01	21.01	21.03	21.11								
5	256QAM	12	7	21.01	20.97	21.03	21.03	21.11								
5	256QAM	12	15	21.05	21.19	20.97	21.07	21.08								

Band 41_Ant 9_PC3													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turnup (dB)	MPE (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	23.41	23.21	23.42	23.22	23.23					
20	QPSK	1	49	23.39	23.25	23.23	23.08	22.97	24	0			
20	QPSK	1	99	23.37	23.27	23.22	23.09	22.87					
20	QPSK	50	0	23.35	23.21	23.28	23.07	23.05					
20	QPSK	50	24	23.34	23.22	23.23	23.14	23.09	23	1			
20	QPSK	50	50	23.25	23.28	23.21	23.06	23.06					
20	QPSK	100	0	23.24	23.24	23.28	23.13	23.09					
20	16QAM	1	49	22.46	22.28	22.32	22.14	21.99	23	1			
20	16QAM	1	99	22.43	22.34	22.28	22.13	22.05					
20	16QAM	50	0	21.91	21.92	21.18	21.10	20.87					
20	16QAM	50	24	21.38	21.39	21.21	21.10	20.95	22	2			
20	16QAM	50	50	21.47	21.20	21.23	21.07	21.06					
20	16QAM	100	0	21.97	21.30	21.20	21.09	21.01					
20	64QAM	1	0	21.01	21.02	20.93	20.82	20.69					
20	64QAM	1	49	21.44	21.24	21.06	20.89	20.69	22	2			
20	64QAM	1	99	21.38	21.04	21.01	20.83	21.05					
20	64QAM	50	0	20.34	20.35	20.26	20.16	19.99	21	3			
20	64QAM	50	24	20.42	20.35	20.32	20.15	19.95					
20	64QAM	50	50	20.43	20.30	20.28	20.12	20.05					
20	64QAM	100	0	20.40	20.32	20.30	20.15	20.00					
20	256QAM	1	49	18.20	18.34	18.20	18.34	18.30					
20	256QAM	1	99	18.12	18.30	18.12	18.30	18.33	19	5			
20	256QAM	50	0	18.21	18.30	18.21	18.30	18.31					
20	256QAM	50	24	18.28	18.29	18.28	18.29	18.29					
20	256QAM	50	50	18.20	18.28	18.20	18.28	18.32	19	5			
20	256QAM	100	0	18.13	18.27	18.13	18.27	18.28					
Channel													
Frequency (MHz)													
15	QPSK	1	0	39.73	40.173	40.620	41.068	41.515					
15	QPSK	1	49	39.71	39.51	39.29	39.13	39.00					
15	QPSK	1	97	39.13	22.85	23.19	22.98	22.77	24	0			
15	QPSK	1	74	23.14	23.01	23.19	23.04	22.82					
15	QPSK	36	0	23.24	23.14	22.30	22.08	22.01					
15	QPSK	36	20	22.02	21.97	22.15	21.91	21.81	23	1			
15	QPSK	75	0	22.24	22.02	22.24	21.95	21.83					
15	QPSK	75	0	22.22	22.02	22.16	22.02	21.96					
15	16QAM	1	4	22.08	22.08	22.17	22.10	21.98	23	1			
15	16QAM	1	74	22.19	22.08	22.17	22.10	21.98					
15	16QAM	36	0	21.04	21.00	21.15	21.07	20.77					
15	16QAM	36	20	21.02	21.02	21.15	21.08	20.96	22	2			
15	16QAM	36	39	21.16	21.02	21.22	21.02	20.96					
15	16QAM	75	0	21.18	21.04	21.14	20.98	20.86					
15	16QAM	75	0	20.79	20.86	20.74	20.52						
15	64QAM	1	37	20.88	20.79	20.92	20.86	20.65	22	2			
15	64QAM	36	0	20.15	20.11	20.13	20.10	19.92					
15	64QAM	36	20	20.26	20.02	20.28	20.12	19.96	21	3			
15	64QAM	75	0	20.25	20.02	20.24	20.07	19.94					
15	64QAM	75	0	20.15	20.00	20.16	20.02	19.91					
15	256QAM	1	0	18.10	18.29	18.11	18.29	18.28	19	5			
15	256QAM	1	49	18.10	18.29	18.20	18.32	18.21					
15	256QAM	36	0	18.19	18.22	18.18	18.22	18.18					
15	256QAM	36	20	18.15	18.20	18.20	18.19	18.27	19	5			
15	256QAM	36	39	18.18	18.21	18.15	18.31	18.27					
15	256QAM	75	0	18.11	18.10	18.18	18.16	18.13					
Channel													
Frequency (MHz)													
5	QPSK	1	0	25.29	25.47	25.93	26.39	26.85					
5	QPSK	1	49	25.35	25.05	25.17	25.07	24.97	24	0			
5	QPSK	1	99	25.08	25.02	25.07	25.07	25.02					
5	QPSK	25	0	22.28	21.96	22.24	21.98	22.05					
5	QPSK	25	12	21.13	21.07	22.16	21.92	21.87	23	1			
5	QPSK	25	24	22.09	21.93	22.06	22.03	21.83					
5	QPSK	50	0	22.28	22.05	22.25	21.99	21.76					
5	QPSK	50	12	22.07	22.03	22.15	21.99	21.96	23	1			
5	16QAM	1	25	22.27	22.05	22.20	22.13	21.84					
5	16QAM	1	74	22.27	22.05	22.16	22.09	21.87					
5	16QAM	25	0	21.05	21.01	21.08	21.06	20.80	22	2			
5	16QAM	25	12	21.17	21.08	21.07	21.02	20.92					
5	16QAM	25	24	21.21	21.04	21.08	21.08	20.81	22	2			
5	16QAM	50	0	21.18	20.99	21.16	21.01	20.81					
5	16QAM	50	1	20.78	20.67	20.82	20.73	20.47	22	2			
5	16QAM	50	12	20.97	20.83	20.87	20.80	20.68					
5	64QAM	1	49	20.88	20.74	20.88	20.78	21.02					
5	64QAM	25	0	20.21	20.14	20.11	20.02	19.86					
5	64QAM	25	12	20.22	20.14	20.19	20.10	19.85	21	3			
5	64QAM	25	24	20.22	20.10	20.16	20.05	19.89					
5	64QAM	50	0	20.21	20.03	20.26	20.06	19.99					
5	256QAM	1	0	18.11	18.33	18.06	18.33	18.23					
5	256QAM	1	25	18.11	18.26	17.99	18.16	18.18	19	5			
5	256QAM	1	49	18.10	18.26	18.06	18.33	18.23					
5	256QAM	25	0	18.17	18.20	18.19	18.27	18.18					
5	256QAM	25	12	18.06	18.17	18.22	18.14	18.23	19	5			
5	256QAM	25	24	18.14	18.31	18.07	18.30	18.22					
5	256QAM	50	0	18.09	18.17	18.05	18.21	18.24					
Channel													
Frequency (MHz)													
5	QPSK	1	0	23.20	23.19	23.40	23.18	23.25					
5	QPSK	1	12	23.20	23.24	23.15	22.86	22.87	24	0			
5	QPSK	1	24	23.11	23.04	23.18	22.90	22.81					
5	QPSK	12	7	22.03	22.01	22.16	21.92	21.80	23	1			
5	QPSK	12	13	22.20	22.05	22.09	21.81	21.83					
5	QPSK	25	0	22.17	22.03	22.27	21.95	21.85					
5	16QAM	1	0	22.27	22.06	22.16	21.97	21.87	23	1			
5	16QAM	1	12	22.27	22.03	22.29	22.05	21.88					
5	16QAM	1	24	22.27	22.12	22.15	22.10	22.04					
5	16QAM	12	7	21.07	21.01	21.13	21.04	20.94	22	2			
5	16QAM	12	13	21.18	20.94	21.12	21.02	20.88					
5	16QAM	25	0	21.16	20.95	21.16	21.05	20.90					
5	16QAM	25	1	20.80	20.69	20.88	20.69	20.55	22	2			
5	16QAM	25	12	20.98	20.87	20.92	20.81	20.67					
5	16QAM	25	24	20.97	20.77	20.88	20.80	21.04					
5	64QAM	1	0	20.18	20.15	20.15	20.06	19.80					
5	64QAM	12	7	20.21	20.02	20.20	20.00	19.95	21	3			
5	64QAM	12	13	20.16	20.08	20.26	20.07	20.04					
5	64QAM	25	0	20.24	20.08	20.26	20.06	19.97					
5	256QAM	1	24	18.13	18.25	18.19	18.38	18.26					
5	256QAM	1	49	18.13	18.25	18.18	18.30	18.21					
5	256QAM	12	7	18.23	18.20	18.21	18.31	18.20					
5	256QAM	12	13	18.05	18.25	18.18	18.34	18.20					

Part 27Q_Band 42_Ant 5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	42.190	42.590	42.990				
20	QPSK	1	0	34.600	35.000	35.400				
20	QPSK	1	49	23.04	23.06	23.04	24	0		
20	QPSK	1	99	22.97	23.14	23.08	24	0		
20	QPSK	50	0	22.02	22.10	22.01	23	1		
20	QPSK	50	24	22.02	22.17	21.98	23	1		
20	QPSK	50	50	22.03	22.16	22.05	23	1		
20	16QAM	1	0	22.03	22.15	22.08	23	1		
20	16QAM	1	49	22.02	22.06	22.03	23	1		
20	16QAM	1	99	21.93	22.16	22.05	23	1		
20	16QAM	50	0	20.93	21.13	21.00	22	2		
20	16QAM	50	24	20.95	21.14	21.01	22	2		
20	16QAM	50	50	20.94	21.12	21.00	22	2		
20	64QAM	1	0	20.97	21.13	21.06	22	2		
20	64QAM	1	49	21.04	21.16	21.07	22	2		
20	64QAM	1	99	20.95	21.12	21.07	22	2		
20	64QAM	50	0	19.96	20.07	20.07	21	3		
20	64QAM	50	24	20.95	20.67	20.63	21	3		
20	64QAM	50	50	19.97	20.12	19.96	21	3		
20	256QAM	1	0	18.05	18.18	18.06	19	5		
20	256QAM	1	49	18.04	18.06	18.06	19	5		
20	256QAM	1	99	17.97	18.05	17.98	19	5		
20	256QAM	50	0	17.94	18.07	18.00	19	5		
20	256QAM	50	24	17.97	18.18	18.01	19	5		
20	256QAM	50	50	18.00	18.00	18.00	19	5		
20	256QAM	100	0	18.00	18.00	17.98	19	5		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.94	23.19	22.96	24	0		
15	QPSK	1	37	23.00	22.98	22.90	24	0		
15	QPSK	1	74	22.89	23.03	22.94	24	0		
15	QPSK	36	0	22.07	22.11	22.05	23	1		
15	QPSK	36	20	21.96	22.10	21.88	23	1		
15	QPSK	36	36	21.98	22.14	21.90	23	1		
15	QPSK	75	0	21.84	22.08	21.90	23	1		
15	16QAM	1	0	21.98	22.12	21.96	23	1		
15	16QAM	1	37	21.92	22.06	21.90	23	1		
15	16QAM	1	74	21.86	22.12	22.03	23	1		
15	16QAM	36	0	20.78	21.04	21.04	22	2		
15	16QAM	36	20	20.80	21.18	20.85	22	2		
15	16QAM	36	36	20.85	21.06	20.92	22	2		
15	16QAM	75	0	20.92	20.98	21.00	22	2		
15	64QAM	1	0	20.85	21.00	20.90	22	2		
15	64QAM	1	37	20.93	21.08	20.97	22	2		
15	64QAM	1	74	20.96	21.01	20.95	22	2		
15	64QAM	36	0	19.93	19.99	19.99	21	3		
15	64QAM	36	20	19.93	19.98	20.00	21	3		
15	64QAM	36	36	19.96	20.00	20.00	21	3		
15	64QAM	75	0	19.98	20.03	19.95	21	3		
15	256QAM	1	0	17.90	18.05	17.94	19	5		
15	256QAM	1	37	18.02	18.03	18.00	19	5		
15	256QAM	1	74	17.84	18.00	17.90	19	5		
15	256QAM	36	0	17.87	18.05	18.00	19	5		
15	256QAM	36	20	17.91	18.13	18.00	19	5		
15	256QAM	36	36	17.91	18.00	17.90	19	5		
15	256QAM	75	0	17.98	18.06	17.95	19	5		
Channel										
Frequency (MHz)										
5	QPSK	1	0	42.140	42.590	43.040	Turn-up time (dBm)	MFR (dB)		
5	QPSK	1	0	34.600	35.000	35.400				
5	QPSK	1	0	23.02	23.16	23.01	24	0		
5	QPSK	1	12	23.00	22.92	22.86	24	0		
5	QPSK	1	24	22.97	23.07	22.91	24	0		
5	QPSK	12	0	22.14	22.16	21.90	23	1		
5	QPSK	12	7	21.96	22.04	22.00	23	1		
5	QPSK	12	13	21.97	22.02	21.89	23	1		
5	QPSK	25	0	21.83	22.09	21.79	23	1		
5	16QAM	1	0	21.88	22.07	21.87	23	1		
5	16QAM	1	12	22.01	22.01	21.88	23	1		
5	16QAM	1	24	21.85	22.06	22.02	23	1		
5	16QAM	12	0	20.83	21.07	20.87	22	2		
5	16QAM	12	7	20.80	21.04	20.83	22	2		
5	16QAM	12	13	20.92	21.01	20.93	22	2		
5	16QAM	25	0	20.84	21.10	20.94	21	3		
5	16QAM	25	12	20.95	21.07	20.94	21	3		
5	16QAM	25	19	20.96	21.11	20.93	21	3		
5	64QAM	1	0	19.85	19.99	19.87	22	2		
5	64QAM	12	0	19.88	19.99	19.87	22	2		
5	64QAM	12	7	20.02	19.94	19.92	21	3		
5	64QAM	12	13	19.95	20.08	19.91	21	3		
5	64QAM	25	0	19.93	19.99	19.89	21	3		
5	256QAM	1	0	17.85	18.00	17.75	19	5		
5	256QAM	1	12	17.98	18.00	17.85	19	5		
5	256QAM	12	7	17.92	18.03	17.87	19	5		
5	256QAM	12	13	17.91	18.02	17.88	19	5		
5	256QAM	25	0	17.86	18.00	17.80	19	5		

Part 27Q_Band 42_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MFR (dB)		
Channel				44190	44590	44940				
Frequency (MHz)				36450	36500	36450				
20	QPSK	1	0	23.02	23.12	23.02	24	0		
20	QPSK	1	49	22.89	23.04	22.87	24	0		
20	QPSK	1	99	22.92	23.05	22.93	24	0		
20	QPSK	50	0	22.05	22.11	21.87	23	1		
20	QPSK	50	24	21.90	22.08	21.81	23	1		
20	QPSK	50	50	21.97	22.02	21.84	23	1		
20	QPSK	100	0	21.97	22.03	21.81	23	1		
20	16QAM	1	0	21.97	22.08	21.86	23	1		
20	16QAM	1	49	21.91	22.10	21.93	23	1		
20	16QAM	1	99	22.02	22.08	21.83	23	1		
20	16QAM	50	0	20.99	21.07	20.93	22	2		
20	16QAM	50	24	21.00	21.04	20.97	22	2		
20	16QAM	50	50	20.96	21.03	20.87	22	2		
20	16QAM	100	0	20.99	21.04	20.93	22	2		
20	64QAM	1	0	20.92	21.09	20.89	22	2		
20	64QAM	1	49	21.05	21.06	20.87	22	2		
20	64QAM	1	99	20.95	21.06	20.87	22	2		
20	64QAM	50	0	20.02	20.07	19.88	21	3		
20	64QAM	50	24	20.99	20.10	19.88	21	3		
20	64QAM	50	50	19.94	20.07	19.89	21	3		
20	64QAM	100	0	19.92	20.14	19.83	21	3		
20	256QAM	1	0	17.85	18.00	17.80	19	5		
20	256QAM	1	49	17.97	18.03	17.83	19	5		
20	256QAM	1	99	17.91	18.02	17.85	19	5		
20	256QAM	50	0	17.88	18.03	17.85	19	5		
20	256QAM	50	24	18.00	18.04	17.90	19	5		
20	256QAM	50	50	17.96	17.93	17.77	19	5		
Frequency (MHz)				36450	36500	36450	Turn-up time (min)	MFR (dB)		
15	QPSK	1	0	23.03	23.16	22.99	24	0		
15	QPSK	1	37	22.85	22.96	22.74	24	0		
15	QPSK	1	75	22.92	23.03	22.92	24	0		
15	QPSK	36	0	21.96	22.10	21.83	23	1		
15	QPSK	36	24	21.79	21.97	21.71	23	1		
15	QPSK	36	50	21.88	21.87	21.71	23	1		
15	QPSK	72	0	21.85	21.97	21.71	23	1		
15	QPSK	72	36	21.99	21.99	21.83	23	1		
15	16QAM	1	0	21.98	22.09	21.87	23	1		
15	16QAM	1	74	21.92	22.04	21.68	23	1		
15	16QAM	1	147	22.00	22.06	21.83	23	1		
15	16QAM	36	0	20.95	21.06	20.91	22	2		
15	16QAM	36	36	20.85	20.88	20.85	22	2		
15	16QAM	36	72	20.92	21.02	20.86	22	2		
15	16QAM	1	0	20.79	21.01	20.83	22	2		
15	16QAM	1	37	20.79	20.98	20.84	22	2		
15	16QAM	1	75	20.88	21.00	20.87	22	2		
15	16QAM	36	0	19.91	19.98	19.82	21	3		
15	16QAM	36	36	19.82	19.92	19.87	21	3		
15	16QAM	36	72	19.79	19.90	19.84	21	3		
15	16QAM	72	0	19.77	19.95	19.78	21	3		
15	16QAM	72	36	19.83	19.93	19.78	21	3		
15	256QAM	1	0	17.92	17.93	17.77	19	5		
15	256QAM	1	74	17.87	17.96	17.74	19	5		
15	256QAM	1	147	17.94	17.95	17.77	19	5		
15	256QAM	36	0	17.96	17.98	17.71	19	5		
15	256QAM	36	36	17.92	17.92	17.71	19	5		
15	256QAM	36	72	17.88	17.88	17.71	19	5		
Channel <td>44140</td> <td>44590</td> <td>44740</td> <td>Turn-up time (min)</td> <td>MFR (dB)</td> <td colspan="2"></td>				44140	44590	44740	Turn-up time (min)	MFR (dB)		
Frequency (MHz)				36450	36500	36450				
10	QPSK	1	0	22.84	22.97	22.81	24	0		
10	QPSK	1	49	22.81	22.94	22.82	24	0		
10	QPSK	1	99	22.85	22.94	22.84	24	0		
10	QPSK	12	0	21.84	22.07	21.70	23	1		
10	QPSK	12	36	21.85	21.89	21.73	23	1		
10	QPSK	12	72	21.89	21.91	21.67	23	1		
10	16QAM	1	0	21.91	21.99	21.83	23	1		
10	16QAM	1	49	21.88	22.04	21.86	23	1		
10	16QAM	1	99	21.94	22.01	21.81	23	1		
10	16QAM	12	0	20.86	20.95	20.81	22	2		
10	16QAM	12	36	20.89	21.00	20.89	22	2		
10	16QAM	12	72	20.81	20.90	20.78	22	2		
10	16QAM	1	0	20.93	21.00	20.86	22	2		
10	16QAM	1	49	20.81	21.02	20.79	22	2		
10	16QAM	1	99	20.85	21.00	20.85	22	2		
10	16QAM	12	0	20.84	20.98	20.70	22	2		
10	16QAM	12	36	20.94	20.97	20.82	22	2		
10	16QAM	12	72	20.88	20.98	20.78	22	2		
10	16QAM	12	108	20.94	20.98	20.79	22	2		
10	16QAM	1	0	20.89	20.94	20.79	22	2		
10	16QAM	1	49	20.79	21.04	20.80	22	2		
10	16QAM	1	99	20.82	21.02	20.79	22	2		
10	16QAM	12	0	19.81	20.03	19.83	21	3		
10	16QAM	12	36	19.84	20.06	19.83	21	3		
10	16QAM	12	72	19.81	20.02	19.79	21	3		
10	16QAM	12	108	19.83	19.99	19.79	21	3		
10	256QAM	1	0	17.88	17.92	17.72	19	5		
10	256QAM	1	24	17.78	17.93	17.83	19	5		
10	256QAM	1	48	17.85	17.92	17.80	19	5		
10	256QAM	12	0	17.93	17.95	17.88	19	5		
10	256QAM	12	36	17.82	18.07	17.72	19	5		

Reduced Power Mode for ECI 2

Carrier, Ant 0	Band Average Power (dBm)			Turn-up Limit (dBm)	Flare-Charge Power (dBm)			Turn-up Limit (dBm)
	800.2	800.4	800.8		800.2	800.4	800.8	
Frequency (MHz)	32.63	32.65	32.67	33.80	23.53	23.55	23.57	24.80
GSM 1 Tx Ant	32.48	32.52	32.48	33.80	23.48	23.52	23.48	24.80
OPRE 1 Tx Ants	31.70	31.70	31.74	32.80	25.70	25.75	25.74	26.80
OPRE 2 Tx Ants	28.81	28.87	28.89	31.80	25.62	25.71	25.68	27.04
OPRE 3 Tx Ants	28.81	28.85	28.75	30.80	25.61	25.85	25.75	27.00
EDGE 1 Tx Ant	28.69	28.71	28.64	28.80	17.68	17.71	17.64	19.80
EDGE 2 Tx Ants	25.23	25.27	24.85	26.80	18.23	18.27	18.80	26.80
EDGE 3 Tx Ants	22.71	22.73	22.27	24.80	18.45	18.47	18.01	19.74
EDGE 4 Tx Ants	21.03	21.12	21.00	22.80	18.03	18.12	18.08	19.90

Carrier, Ant 2	Band Average Power (dBm)			Turn-up Limit (dBm)	Flare-Charge Power (dBm)			Turn-up Limit (dBm)
	1850.2	1850	1850.8		1850.2	1850	1850.8	
Frequency (MHz)	20.35	20.46	20.05	30.80	20.35	20.46	20.05	21.80
GSM 1 Tx Ant	20.23	20.20	20.25	30.80	20.23	20.23	20.20	21.80
OPRE 1 Tx Ants	26.45	26.52	26.42	28.80	22.45	22.52	22.42	23.80
OPRE 2 Tx Ants	26.85	26.94	26.88	28.80	22.50	22.68	22.62	23.74
OPRE 3 Tx Ants	25.79	25.87	25.74	27.80	22.75	22.87	22.74	24.80
EDGE 1 Tx Ant	25.53	26.34	26.28	27.80	17.33	17.34	17.28	18.80
EDGE 2 Tx Ants	24.03	24.85	24.82	26.80	18.82	18.86	18.85	19.80
EDGE 3 Tx Ants	22.68	22.88	22.85	23.80	18.82	18.83	18.57	19.24
EDGE 4 Tx Ants	21.03	21.58	21.51	22.80	18.53	18.58	18.51	19.80

Band	WCDMA V, Ant 0			Turn-up Limit (dBm)	WCDMA V, Ant 2			Turn-up Limit (dBm)	WCDMA V, Ant 0			Turn-up Limit (dBm)
	3500	3500	3500		3500	3500	3500		3500	3500	3500	
Frequency (MHz)	1952.4	1952	1952.6	24.80	1712.4	1712.5	1712.7	24.80	1952.4	1952.4	1952.6	24.80
ISPP Rel 0	22.78	22.21	22.73	24.80	22.94	22.10	22.96	24.80	23.03	23.08	23.05	24.80
ISPP Rel 0	22.98	22.41	22.85	24.80	22.12	22.13	22.11	24.80	23.08	23.11	23.10	24.80
ISPP Rel 0	22.20	22.32	22.17	23.80	22.04	21.87	21.82	23.80	22.19	22.18	22.28	23.80
ISPP Rel 0	22.30	22.30	22.16	23.80	22.05	21.88	21.80	23.80	22.04	22.19	22.17	23.80
ISPP Rel 0	21.83	21.81	21.73	22.80	21.67	21.49	21.40	22.80	21.67	21.76	21.80	22.80
ISPP Rel 0	21.80	21.80	21.80	22.80	21.49	21.43	21.39	22.80	21.58	21.69	21.76	22.80
ISPP Rel 0	22.18	22.38	22.14	23.80	21.94	21.83	21.78	23.80	22.05	22.17	22.13	23.80
ISPP Rel 0	22.25	22.23	22.11	23.80	21.98	21.94	21.79	23.80	21.97	22.10	22.12	23.80
ISPP Rel 0	21.75	21.71	21.65	22.80	21.44	21.44	21.43	22.80	21.49	21.72	21.72	22.80
ISPP Rel 0	21.74	21.75	21.65	22.80	21.38	21.38	21.34	22.80	21.47	21.67	21.74	22.80
ISPP Rel 0	20.28	20.27	20.17	22.80	20.21	20.15	20.08	22.80	20.02	20.16	20.08	22.80
ISPP Rel 0	20.18	20.30	20.15	21.80	20.23	20.14	20.10	21.80	20.08	20.21	20.07	21.80
ISPP Rel 0	21.30	21.30	21.18	22.80	21.23	21.19	21.11	22.80	21.15	21.21	21.15	22.80
ISPP Rel 0	19.82	19.82	19.82	21.80	19.78	19.87	19.84	21.80	19.60	19.72	19.60	21.80
ISPP Rel 0	21.30	21.30	21.20	23.80	21.24	21.14	21.04	23.80	21.19	21.20	21.08	23.80
ISPP Rel 7	20.11	20.15	20.08	20.80	20.02	20.09	20.03	20.80	20.01	20.02	19.97	20.80



Band 2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch/Freq)	Power Mid (Ch/Freq)	Power High (Ch/Freq)	Turn-up Time (sec)	MPR (dB)	
Channel									
1860 1860 1900									
20	QPSK	1	0	23.09	23.12	23.04	24	0	
20	QPSK	1	49	23.09	23.12	23.04			
20	QPSK	1	98	23.09	23.12	23.04			
20	QPSK	50	0	23.10	23.11	23.03			
20	QPSK	50	49	23.10	23.11	23.03	23	1	
20	QPSK	50	98	23.10	23.11	23.03			
20	QPSK	100	0	23.08	23.07	23.05			
20	QPSK	100	49	23.08	23.07	23.05			
20	QPSK	1	49	23.23	23.21	23.16	23	1	
20	QPSK	1	98	23.23	23.15	23.16			
20	QPSK	50	0	23.09	23.11	23.03			
20	QPSK	50	24	23.07	23.07	23.06			
20	QPSK	50	24	23.07	23.07	23.06	22	2	
20	QPSK	50	49	23.07	23.07	23.06			
20	QPSK	100	0	23.08	23.09	23.01			
20	QPSK	100	0	23.08	23.09	23.01			
20	QPSK	1	0	21.47	21.42	21.46	22	2	
20	QPSK	1	49	21.47	21.42	21.46			
20	QPSK	50	0	21.50	21.48	21.52			
20	QPSK	50	24	21.50	21.47	21.52			
20	QPSK	1	99	21.50	21.47	21.52	21	3	
20	QPSK	50	0	20.15	20.14	20.02			
20	QPSK	50	24	20.15	20.14	20.02			
20	QPSK	100	0	20.15	20.07	19.99			
20	QPSK	1	99	17.85	18.01	17.83	19	5	
20	QPSK	50	0	17.84	18.00	17.82			
20	QPSK	50	24	17.84	18.01	17.83			
20	QPSK	100	0	17.84	18.01	17.83			
20	QPSK	50	24	17.84	18.01	17.83	19	5	
20	QPSK	100	0	17.84	18.01	17.83			
20	QPSK	100	0	17.84	18.01	17.83			
20	QPSK	100	0	17.84	18.01	17.83			

Band 2_Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low (Ch/Freq)	Power Mid (Ch/Freq)	Power High (Ch/Freq)	Turn-up Time (sec)	MPR (dB)	
Channel									
18700 18800 19000									
20	QPSK	1	0	18.40	18.40	18.33	19.5	0	
20	QPSK	1	49	18.39	18.40	18.32			
20	QPSK	50	24	18.34	18.43	18.32			
20	QPSK	50	50	18.34	18.40	18.41			
20	QPSK	50	0	18.32	18.34	18.31	19.5	0	
20	QPSK	100	0	18.29	18.35	18.42			
20	QPSK	100	49	18.32	18.34	18.31			
20	QPSK	1	99	18.26	18.50	18.51			
20	QPSK	50	0	18.38	18.40	18.41	19.5	0	
20	QPSK	50	24	18.33	18.48	18.41			
20	QPSK	50	49	18.33	18.48	18.41			
20	QPSK	100	0	18.36	18.40	18.41			
20	QPSK	100	0	18.31	18.49	18.49	19.5	0	
20	QPSK	100	49	18.31	18.49	18.49			
20	QPSK	1	99	17.81	18.01	17.85			
20	QPSK	1	99	17.81	18.01	17.87			
20	QPSK	50	0	17.82	17.89	17.87	19	0.5	
20	QPSK	50	24	17.84	17.96	17.82			
20	QPSK	100	0	17.82	18.00	17.88			
20	QPSK	100	0	17.81	17.92	17.97			
Frequency (MHz)									
15	QPSK	1	0	18.47	18.48	18.60	19.5	0	
15	QPSK	1	49	18.36	18.51	18.47			
15	QPSK	1	98	18.44	18.44	18.33			
15	QPSK	1	98	18.32	18.49	18.32			
15	QPSK	50	0	18.28	18.39	18.27	19.5	0	
15	QPSK	50	24	18.28	18.39	18.27			
15	QPSK	50	49	18.33	18.48	18.28			
15	QPSK	100	0	18.24	18.43	18.24			
15	QPSK	100	0	18.28	18.41	18.39	19.5	0	
15	QPSK	100	49	18.27	18.53	18.34			
15	QPSK	1	99	18.22	18.49	18.34			
15	QPSK	1	99	18.22	18.49	18.34			
15	QPSK	50	0	18.30	18.35	18.30	19.5	0	
15	QPSK	50	24	18.16	18.37	18.48			
15	QPSK	50	49	18.16	18.37	18.48			
15	QPSK	100	0	18.21	18.38	18.32			
15	QPSK	1	0	18.22	18.47	18.45	19.5	0	
15	QPSK	1	49	18.22	18.47	18.45			
15	QPSK	1	98	18.22	18.47	18.45			
15	QPSK	1	98	18.22	18.47	18.45			
15	QPSK	50	0	18.24	18.42	18.34	19.5	0	
15	QPSK	50	24	18.24	18.42	18.34			
15	QPSK	50	49	18.24	18.42	18.34			
15	QPSK	100	0	18.18	18.28	18.35			
15	QPSK	100	0	18.28	18.41	18.41	19.5	0	
15	QPSK	100	49	18.28	18.41	18.41			
15	QPSK	1	99	17.66	17.92	17.77			
15	QPSK	1	99	17.79	17.88	17.77			
15	QPSK	50	0	17.78	17.88	17.77	19	0.5	
15	QPSK	50	24	17.78	17.88	17.77			
15	QPSK	50	49	17.85	17.89	17.84			
15	QPSK	100	0	17.85	17.89	17.84			
15	QPSK	100	0	17.85	17.89	17.84	19	0.5	
15	QPSK	100	49	17.85	17.89	17.84			
15	QPSK	1	99	17.82	17.88	17.71			
15	QPSK	1	99	17.82	17.88	17.71			
Frequency (MHz)									
10	QPSK	1	0	18.40	18.40	18.33	19.5	0	
10	QPSK	1	25	18.35	18.41	18.38			
10	QPSK	1	50	18.35	18.41	18.38			
10	QPSK	25	0	18.42	18.44	18.44			
10	QPSK	25	12	18.41	18.43	18.18	19.5	0	
10	QPSK	25	37	18.42	18.43	18.18			
10	QPSK	50	0	18.41	18.47	18.30			
10	QPSK	50	25	18.33	18.48	18.30			
10	QPSK	50	25	18.38	18.42	18.30	19.5	0	
10	QPSK	100	0	18.27	18.40	18.30			
10	QPSK	100	49	18.27	18.40	18.30			
10	QPSK	1	99	18.21	18.31	18.22			
10	QPSK	25	25	18.31	18.46	18.34	19.5	0	
10	QPSK	25	50	18.31	18.46	18.34			
10	QPSK	50	0	18.30	18.44	18.22			
10	QPSK	50	25	18.30	18.45	18.26			
10	QPSK	50	25	18.30	18.45	18.26	19.5	0	
10	QPSK	100	0	18.30	18.45	18.26			
10	QPSK	100	49	18.30	18.45	18.26			
10	QPSK	1	99	18.37	18.44	18.33			
10	QPSK	1	25	17.75	17.91	17.84	19	0	
10	QPSK	1	25	17.75	17.91	17.84			
10	QPSK	25	12	17.85	17.88	17.72			
10	QPSK	25	25	17.83	17.90	17.75			
10	QPSK	25	25	17.83	17.90	17.75	19	0.5	
10	QPSK	25	25	17.83	17.90	17.75			
10	QPSK	25	25	17.83	17.90	17.75			
10	QPSK	25	25	17.83	17.90	17.75			
Channel									
18600 18600 18800									
5	QPSK	1	0	18.42	18.42	18.42	19.5	0	
5	QPSK	1	12	18.39	18.45	18.50			
5	QPSK	1	24	18.20	18.48	18.35			
5	QPSK	1	24	18.20	18.48	18.35			
5	QPSK	14	7	18.31	18.28	18.39	19.5	0	
5	QPSK	14	13	18.32	18.41	18.42			
5	QPSK	14	13	18.32	18.41	18.42			
5	QPSK	14	13	18.32	18.41	18.42			
5	QPSK	1	0	18.20	18.37	18.29	19.5	0	
5	QPSK	1	12	18.16	18.44	18.33			
5	QPSK	1	12	18.16	18.44	18.33			
5	QPSK	14	0	18.33	18.42	18.40			
5	QPSK	14	0	18.33	18.42	18.40	19.5	0	
5	QPSK	14	13	18.29	18.34	18.31			
5	QPSK	14	13	18.29	18.34	18.31			
5	QPSK	14	13	18.29	18.34	18.31			
5	QPSK	1	0	18.21	18.48	18.43	19.5	0	
5	QPSK	1	12	18.16	18.48	18.43			
5	QPSK	1	12	18.16	18.48	18.43			
5	QPSK	1	12	18.16	18.48	18.43			
5	QPSK	1	12	18.38	18.29	18.49	19.5	0	
5	QPSK	1	24	18.17	18.36	18.37			
5	QPSK	1	24	18.17	18.36	18.37			
5	QPSK	1	24	18.17	18.36	18.37			
5	QPSK	14	7	18.36	18.36	18.36	19.5	0	
5	QPSK	14	13	18.36	18.36	18.36			
5	QPSK	14	13	18.36	18.36	18.36			
5	QPSK	14	13	18.36	18.36	18.36			
5	QPSK	1	0	17.87	17.87	18.07	19	0.5	
5	QPSK	1	12	17.87	17.87	18.07			
5	QPSK	1	12	17.87	17.87	18.07			
5	QPSK	1	12	17.87	17.87	18.07			
5	QPSK	1	24	17.92	17.90	17.88	19	0	
5	QPSK	1	24	17.92	17.90	17.88			
5	QPSK	1	24	17.92	17.90	17.88			
5	QPSK	1	24	17.92	17.90	17.88			
5	QPSK	12	0	17.88	17.89	17.87	19.5	0	
5	QPSK	12	13	17.88	17.89	17.87			
5	QPSK	12	13	17.88	17.89	17.87			
5	QPSK	12	13	17.88	17.89	17.87			
5	QPSK	14	13	17.91	17.92	17.88	19	0	
5	QPSK	14	13	17.91	17.92	17.88			
5	QPSK	14	13	17.91	17.92	17.88			
5	QPSK	14	13	17.91	17.92	17.88			
5	QPSK	25	0	17.82	17.87	17.75	19	0.5	
5	QPSK	25	0	17.82	17.87	17.75			
5	QPSK	25	0	17.82	17.87	17.75			
5	QPSK	25	0	17.82	17.87	17.75			
Frequency (MHz)									
14	QPSK	1	0	18.41	18.44	18.33	19.5	0	
14	QPSK	1	49	18.32	18.45	18.33			
14	QPSK	1	14	18.32	18.35	18.33			
14	QPSK	1	49	18.29	18.48	18.28			
14	QPSK	50	0	18.32	18.42	18.30	19.5	0	
14	QPSK	50	7	18.31	18.38	18.33			
14	QPSK	50	15	18.28	18.49	18.33			
14	QPSK	50	15	18.28	18.49	18.33			
14	QPSK	100	0	18.33	18.38	18.33	19.5	0	
14	QPSK	100	49	18.33	18.38	18.33			
14	QPSK	100	49	18.33	18.38	18.33			
14	QPSK	100	49	18.33	18.38	18.33			
14	QPSK	1	0	18.32	18.46	18.32	19.5	0	
14	QPSK	1	14	18.28	18.39	18.29			
14	QPSK	1	14	18.28	18.39	18.29			
14	QPSK	1	14	18.28	18.39	18.29			
14	QPSK	50	0	18.33	18.38	18.33	19.5	0	
14	QPSK	50	7	18.33	18.38	18.33			
14	QPSK	50	15	18.28	18.39	18.33			
14	QPSK	50	15	18.28	18.39	18.33			
14	QPSK	100	0	18.30	18.38	18.33	19.5	0	
14	QPSK	100	49	18.30	18.38	18.33			
14	QPSK	100	49	18.30	18.38	18.33			
14	QPSK	100	49	18.30	18.38	18.33			
14	QPSK	1	0	18.29	18.44	18.29	19.5	0	
14	QPSK	1	14	18.29	18.44	18.29			
14	QPSK	1	14	18.29	18.44	18.29			
14	QPSK	1	14	18.29	18.44	18.29			
14	QPSK	50	0	18.31	18.39	18.21	19.5	0	
14	QPSK	50	7	18.32	18.39	18.22			
14	QPSK	50	15	18.21	18.39	18.39			
14	QPSK	50	15	18.21	18.39	18.39			
14	QPSK	100	0	18.30	18.39	18.39	19.5	0	
14	QPSK	100	49	18.30	18.39	18.39			
14	QPSK	100	49	18.30	18.39	18.39			
14	QPSK	100	49	18.30	18.39	18.39			
14	QPSK	1	0	17.88	17.91	17.88	19	0.5	
14	QPSK	1							

Band 4_Ant 8										Band 4_Ant 9										Band 5_Ant 0										Band 5_Ant 1									
BW [MHz]	Modulation	RIS Size	RB Offset	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Turn-up [min]	MPR [dB]		BW [MHz]	Modulation	RIS Size	RB Offset	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Turn-up [min]	MPR [dB]		BW [MHz]	Modulation	RIS Size	RB Offset	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Turn-up [min]	MPR [dB]		BW [MHz]	Modulation	RIS Size	RB Offset	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Power Level [Ch / Freq]	Turn-up [min]	MPR [dB]	
Channel										Channel										Channel										Channel									
Frequency [MHz]										Frequency [MHz]										Frequency [MHz]										Frequency [MHz]									
20	QPSK	1	0	18.50	18.50	18.50				20	QPSK	1	0	22.25	22.25	22.25				10	QPSK	1	0	22.25	22.25	22.25				10	QPSK	1	0	22.25	22.25	22.25			
25	QPSK	1	40	18.50	18.71	18.90	19.5	0		20	QPSK	1	40	22.26	22.22	22.21	24	0		10	QPSK	1	25	22.28	22.26	22.28	24	0		10	QPSK	1	25	22.28	22.26	22.28	24	0	
25	QPSK	1	80	18.50	18.86	18.91				20	QPSK	1	80	22.76	22.72	22.71				10	QPSK	1	49	22.27	22.22	22.21				10	QPSK	1	49	22.27	22.22	22.21			
20	QPSK	50	0	18.50	18.50	18.50				20	QPSK	50	0	18.50	18.50	18.50				10	QPSK	25	0	22.25	22.25	22.25				10	QPSK	25	0	22.25	22.25	22.25			
20	QPSK	50	24	18.50	18.59	18.60	19.5	0		20	QPSK	50	24	21.89	21.82	21.79	23	1		10	QPSK	25	12	21.78	21.65	21.74	23	1		10	QPSK	25	12	21.78	21.65	21.74	23	1	
20	QPSK	50	50	18.50	18.82	18.81				20	QPSK	50	50	21.80	21.77	21.78				10	QPSK	25	25	21.79	21.62	21.66				10	QPSK	25	25	21.79	21.62	21.66			
20	QPSK	50	75	18.50	18.90	18.91				20	QPSK	50	75	21.85	21.88	21.78				10	QPSK	25	49	21.75	21.68	21.74				10	QPSK	25	49	21.75	21.68	21.74			
20	HQAM	1	0	18.50	18.50	18.50				20	HQAM	1	0	22.17	22.09	22.00				10	HQAM	1	0	22.03	21.98	21.98				10	HQAM	1	0	21.97	21.94	21.90			
20	HQAM	1	40	18.50	18.71	18.90	19.5	0		20	HQAM	1	40	22.17	21.98	21.93	23	1		10	HQAM	1	49	21.89	21.98	21.98	23	1		10	HQAM	1	49	21.89	21.98	21.98	23	1	
20	HQAM	50	0	18.50	18.58	18.58				20	HQAM	50	0	20.89	20.86	20.85				10	HQAM	25	0	20.75	20.82	20.85				10	HQAM	25	0	20.75	20.82	20.85			
20	HQAM	50	24	18.50	18.60	18.60	19.5	0		20	HQAM	50	24	20.85	20.82	20.80	22	2		10	HQAM	25	12	20.76	20.81	20.81	22	2		10	HQAM	25	12	20.76	20.81	20.81	22	2	
20	HQAM	100	0	18.47	18.67	18.47				20	HQAM	100	0	20.83	20.81	20.82				10	HQAM	50	0	20.74	20.70	20.73				10	HQAM	50	0	20.70	20.64	20.67			
20	HQAM	50	50	18.50	18.70	18.56				20	HQAM	50	50	20.82	20.78	20.79				10	HQAM	25	25	20.74	20.70	20.73				10	HQAM	25	25	20.74	20.70	20.73			
20	HQAM	1	40	18.50	18.73	18.90	19.5	0		20	HQAM	1	40	20.89	20.84	20.87	22	2		10	HQAM	1	25	20.85	20.76	20.78	22	2		10	HQAM	1	25	20.85	20.76	20.78	22	2	
20	HQAM	50	50	18.50	18.70	18.53				20	HQAM	50	50	20.87	20.82	20.80				10	HQAM	1	49	20.80	21.07	20.79				10	HQAM	1	49	20.81	20.41	20.44			
20	HQAM	50	75	18.47	18.71	18.90				20	HQAM	50	75	21.82	21.88	21.88				10	HQAM	1	49	21.74	21.68	21.84				10	HQAM	1	49	21.74	21.68	21.84			
20	HQAM	50	24	18.50	18.71	18.52	19.5	0		20	HQAM	50	24	19.89	19.83	19.82	21	3		10	HQAM	25	12	19.73	19.65	19.73	21	3		10	HQAM	25	12	19.70	19.59	19.22	21	3	
20	HQAM	100	0	18.45	18.65	18.54				20	HQAM	100	0	19.95	19.86	19.85				10	HQAM	25	25	19.74	19.65	19.73				10	HQAM	25	25	19.74	19.65	19.73			
20	DSSS	1	0	18.50	18.25	18.12				20	DSSS	1	0	17.74	17.96	17.90				10	DSSS	1	0	17.81	17.82	17.75				10	DSSS	1	0	17.86	17.74	17.92			
20	DSSS	1	40	18.50	18.27	18.14	19	0.5		20	DSSS	1	40	17.74	17.85	17.78	19	5		10	DSSS	1	13	17.85	17.87	17.78	19	5		10	DSSS	1	13	17.85	17.87	17.78	19	5	
20	DSSS	1	80	18.50	18.23	18.14				20	DSSS	1	80	17.71	17.88	17.80				10	DSSS	1	49	17.71	17.81	17.74				10	DSSS	1	49	17.74	17.81	17.78			
20	DSSS	1	120	18.50	18.20	18.19				20	DSSS	1	120	17.69	17.85	17.78				10	DSSS	1	50	17.71	17.77	17.72				10	DSSS	1	50	17.72	17.80	17.73			
20	DSSS	1	160	18.50	18.17	18.16				20	DSSS	1	160	17.74	17.80	17.83				10	DSSS	1	50	17.81	17.80	17.83				10	DSSS	1	50	17.81	17.80	17.83			
20	DSSS	1	200	18.50	18.28	18.14	19	0.5		20	DSSS	1	200	17.70	17.86	17.84				10	DSSS	1	50	17.77	17.88	17.73				10	DSSS	1	50	17.72	17.88	17.74			
20	DSSS	1	240	18.50	18.22	18.13				20	DSSS	1	240	17.75	17.96	17.90				10	DSSS	1	50	17.79	17.87	17.83				10	DSSS	1	50	17.74	17.95	17.88			
Channel										Channel										Channel										Channel									
Frequency [MHz]										Frequency [MHz]										Frequency [MHz]										Frequency [MHz]									
15	QPSK	1	0	17.17	17.15	17.17				15	QPSK	1	0	22.25	22.25	22.25				5	QPSK	1	0	22.25	22.25	22.25				5	QPSK	1	0	22.25	22.25	22.25			
15	QPSK	1	40	18.50	18.60	18.59	19.5	0		15	QPSK	1	40	22.29	22.24	22.21	24	0		5	QPSK	1	25	22.28	22.24	22.28	24	0		5	QPSK	1	25	22.28	22.24	22.28	24	0	
15	QPSK	1	80	18.50	18.67	18.67				15	QPSK	1	80	22.37	22.32	22.28				5	QPSK	1	49	22.29	22.24	22.28				5	QPSK	1	49	22.29	22.24	22.28			
15	QPSK	1	74	18.50	18.68	18.66				15	QPSK	1	74	22.89	22.71	22.62				5	QPSK	1	24	22.27	22.27	22.50				5	QPSK	1	24	22.29	22.23	22.15			
15	QPSK	36	0	18.41	18.68	18.56				15	QPSK	36	0	21.80	21.92	21.85				5	QPSK	12	0	21.81	21.76	21.77				5	QPSK	12	0	21.83	21.77	21.81			
15	QPSK	36	20	18.44	18.60	18.47	19.5	0		15	QPSK	36	20	21.74	21.71	21.68	23	1		5	QPSK	12	13	21.74	21.61	21.62	23	1		5	QPSK	12	13	21.78	21.65	21.63	23	1	
15	QPSK	36	30	18.33	18.63	18.48				15	QPSK	36	30	21.71	21.68	21.72				5	QPSK	12	13	21.62	21.67	21.62				5	QPSK	12	13	21.68	21.58	21.54			
15	QPSK	75	0	18.50	18.52	18.42				15	QPSK	75	0	21.70	21.68	21.73				5	QPSK	12	0	21.62	21.67	21.62				5	QPSK	12	0	21.69	21.58	21.56			
15	QPSK	75	40	18.48	18.62	18.48	19.5	0		15	QPSK	75	40	22.28	22.07	21.98	23	1		5	QPSK	12	13	21.67	21.61	21.61	23	1		5	QPSK	12	13	21.65	21.59	21.58	23	1	
15	HQAM	1	0	18.47	18.50	18.35				15	HQAM	1	0	21.98	21.98	21.96				5	HQAM	1	12	21.84	21.73	21.74				5	HQAM	1	12	21.83	21.74	21.79			
15	HQAM	1	40	18.50	18.67	18.46	19.5	0		15	HQAM	1	40	21.98	21.98	21.96	23	1		5	HQAM	1	12	21.84	21.73	21.74				5	HQAM	1	12	21.83	21.74	21.79			
15	HQAM	36	0	18.50	18.47	18.43				15	HQAM	36	0	20.81	20.84	20.84				5	HQAM	12	0	20.87	20.82	20.80				5	HQAM	12	0	20.80	20.74	20.73			
15	HQAM	36	20	18.39	18.57	18.44	19.5	0		15	HQAM	36	20	20.80	20.70	20.65	22	2		5	HQAM	12	7	20.87	20.49	20.44	22	2		5	HQAM	12	7	20.82	20.38	20.39	22	2	
15	HQAM	36	30	18.43	18.50	18.40				15	HQAM	36	30	20.88	20.71	20.78				5	HQAM	12	13	20.87	20.41	20.37	22	2		5	HQAM	12	13	20.86	20.39	20.42	22	2	
15	HQAM	75	0	18.40	18.67	18.44				15	HQAM	75	0	20.77	20.73	20.68				5	HQAM	25	0	20.68	20.68	20.72				5	HQAM	25	0	20.62	20.15	20.22			
15	HQAM	1	0	18.47	18.50	18.41				15	HQAM	1	0	20.96	21.23	21.01				5	HQAM	1	0	20.81	20.89	21.05				5	HQAM	1	0	20.44	20.27	20.37			
15	HQAM	1	40	18.50	18.67	18.46	19.5	0		15	HQAM	1	40	20.99																									

Band 7_Ant 2												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mids Ch / Freq.	Power High Ch / Freq.	Turnup Inst (dBm)	MPR (dB)				
Channel												
Frequency (MHz)				20850	21050	21050						
20	QPSK	1	0	23.09	23.10	23.08			24	0		
20	QPSK	1	49	23.19	23.22	23.16						
20	QPSK	1	99	23.20	23.19	23.20						
20	QPSK	50	0	23.20	23.28	23.16						
20	QPSK	50	24	23.20	23.22	22.14						
20	QPSK	50	50	23.20	23.21	23.09			23	1		
20	QPSK	100	0	23.28	23.24	23.14						
20	HQAM	1	0	22.25	22.46	22.42						
20	HQAM	1	49	22.40	22.46	22.42						
20	HQAM	1	99	22.40	22.56	22.45						
20	HQAM	50	0	21.16	21.26	21.11			22	2		
20	HQAM	50	24	21.22	21.23	21.14						
20	HQAM	50	50	21.20	21.22	21.20						
20	HQAM	100	0	21.19	21.24	21.14						
20	HQAM	1	0	21.11	21.20	21.12						
20	HQAM	1	99	21.23	21.20	21.14			21	3		
20	HQAM	50	0	20.30	20.30	20.19						
20	HQAM	50	24	20.32	20.30	20.19						
20	HQAM	50	50	20.30	20.31	20.18						
20	HQAM	100	0	20.22	20.31	20.17						
20	HQAM	1	0	18.23	18.13	18.01			19	5		
20	HQAM	1	49	18.14	18.20	18.13						
20	HQAM	1	99	18.22	18.19	18.14						
20	HQAM	50	0	18.20	18.20	18.02						
20	HQAM	50	24	18.20	18.17	18.01						
20	HQAM	100	0	18.21	18.16	18.01						
20	HQAM	1	0	18.21	18.16	18.01						
Channel												
Frequency (MHz)				20850	21050	21050			Turnup Inst (dBm)	MPR (dB)		
20	QPSK	1	0	23.07	23.07	23.05.5			24	0		
20	QPSK	1	0	23.18	23.23	23.07						
20	QPSK	1	27	23.08	23.09	23.14						
20	QPSK	1	74	23.13	23.09	23.08						
20	QPSK	36	0	23.10	23.13	23.11						
20	QPSK	36	20	22.18	22.21	22.02			23	1		
20	QPSK	75	0	22.17	22.08	22.05						
20	HQAM	1	0	22.19	22.32	22.48						
20	HQAM	1	37	22.33	22.28	22.38						
20	HQAM	1	74	22.33	22.50	22.35						
20	HQAM	36	0	21.12	21.23	21.09			22	2		
20	HQAM	36	20	21.11	21.19	21.08						
20	HQAM	75	0	21.10	21.16	21.07						
20	HQAM	75	0	21.08	21.16	21.27						
20	HQAM	1	37	21.20	21.62	21.24						
20	HQAM	1	74	21.20	21.27	21.25			21	3		
20	HQAM	36	0	20.08	20.23	20.06						
20	HQAM	36	20	20.11	20.23	20.10						
20	HQAM	75	0	20.10	20.20	20.13						
20	HQAM	75	0	18.18	18.06	17.91						
20	HQAM	1	37	20.03	20.20	20.18			19	5		
20	HQAM	1	74	20.03	20.12	20.02						
20	HQAM	36	0	18.20	18.12	18.13						
20	HQAM	36	20	18.11	18.00	17.92						
20	HQAM	75	0	18.10	18.04	17.92						
20	HQAM	75	0	18.10	18.16	18.01						
20	HQAM	1	37	18.03	18.15	18.00						
Channel												
Frequency (MHz)				20850	21050	21050			Turnup Inst (dBm)	MPR (dB)		
15	QPSK	1	0	23.10	23.11	23.11			24	0		
15	QPSK	1	25	23.07	23.12	23.02						
15	QPSK	1	49	23.07	23.14	23.08						
15	QPSK	1	74	23.13	23.09	23.08						
15	QPSK	36	0	23.06	23.11	22.07						
15	QPSK	36	20	22.10	22.07	22.02			23	1		
15	QPSK	75	0	22.11	22.08	22.05						
15	HQAM	1	0	22.13	22.31	22.42						
15	HQAM	1	25	22.33	22.34	22.24						
15	HQAM	1	50	22.10	22.31	21.99						
15	HQAM	25	0	21.11	21.12	21.14			22	2		
15	HQAM	25	12	21.18	21.08	21.11						
15	HQAM	25	25	21.11	21.12	21.14						
15	HQAM	50	0	21.14	21.15	21.11						
15	HQAM	1	0	21.10	21.15	21.23						
15	HQAM	1	25	21.30	21.04	21.24			22	2		
15	HQAM	1	49	21.18	21.41	21.21						
15	HQAM	25	0	20.10	20.30	20.03						
15	HQAM	25	12	20.21	20.29	20.09						
15	HQAM	25	25	20.28	20.27	20.11						
15	HQAM	50	0	20.10	20.07	20.02			21	3		
15	HQAM	50	25	20.12	20.07	20.02						
15	HQAM	1	0	18.08	18.05	17.93						
15	HQAM	1	25	18.05	18.06	18.02						
15	HQAM	25	0	18.19	18.06	17.98						
15	HQAM	25	12	18.08	18.06	17.88			19	5		
15	HQAM	25	25	17.99	18.13	18.02						
15	HQAM	50	0	18.12	18.04	17.85						
Channel												
Frequency (MHz)				20850	21050	21050					Turnup Inst (dBm)	MPR (dB)
10	QPSK	1	0	23.13	23.20	23.09			24	0		
10	QPSK	1	12	23.18	23.16	23.06						
10	QPSK	1	24	23.15	23.18	23.10						
10	QPSK	12	0	22.17	22.04	22.14						
10	QPSK	12	7	22.10	22.08	22.09						
10	QPSK	25	0	22.19	22.15	22.07			23	1		
10	QPSK	25	12	22.12	22.11	22.07						
10	QPSK	25	25	22.19	22.15	22.07						
10	HQAM	1	0	22.31	22.49	22.49						
10	HQAM	1	12	22.31	22.42	22.27						
10	HQAM	1	24	22.32	22.46	22.32			22	2		
10	HQAM	12	7	21.11	21.17	21.09						
10	HQAM	12	13	21.13	21.08	21.17						
10	HQAM	25	0	21.07	21.11	21.00						
10	HQAM	1	0	21.04	21.22	21.18						
10	HQAM	1	12	21.20	21.61	21.30			22	2		
10	HQAM	1	24	21.30	21.43	21.24						
10	HQAM	12	0	20.17	20.22	20.04						
10	HQAM	12	7	20.10	20.17	20.12						
10	HQAM	12	13	20.20	20.19	20.10						
10	HQAM	25	0	20.10	20.10	20.02			21	3		
10	HQAM	25	0	18.10	18.09	18.06						
10	HQAM	1	0	18.22	18.08	17.95						
10	HQAM	1	12	17.99	18.09	17.95						
10	HQAM	12	7	18.07	18.07	17.95						
10	HQAM	12	13	18.03	18.18	17.91			19	5		
10	HQAM	25	0	18.08	18.14	17.98						

Band 7_Ant 8												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Mids Ch / Freq.	Power High Ch / Freq.	Turn-up Inst (dB)	MPR (dB)				
Channel												
Frequency (MHz)				26950	21100	21600						
				26110	20330	20850						
20	QPSK	1	0	17.00	17.12	17.04			18.5	0		
20	QPSK	1	99	17.00	17.02	17.47						
20	QPSK	1	99	17.03	17.62	17.53						
20	QPSK	50	0	17.00	17.00	17.50						
20	QPSK	50	50	17.03	17.61	17.58						
20	QPSK	100	0	17.44	17.30	17.58			18.5	0		
20	HQAM	1	0	17.00	17.00	17.50						
20	HQAM	1	49	17.00	17.69	17.62						
20	HQAM	1	99	17.03	17.62	17.52						
20	HQAM	50	0	17.00	17.00	17.50						
20	HQAM	50	24	17.44	17.59	17.58			18.5	0		
20	HQAM	50	50	17.38	17.61	17.54						
20	HQAM	100	0	17.00	17.60	17.59						
20	HQAM	1	0	17.00	17.67	17.47						
20	HQAM	1	99	17.00	17.60	17.55						
20	HQAM	50	0	17.00	17.00	17.72			18.5	0		
20	HQAM	50	24	17.01	17.58	17.66						
20	HQAM	50	50	17.48	17.58	17.03						
20	HQAM	100	0	17.49	17.71	17.63			Turn-up Inst (dB)	MPR (dB)		
Frequency (MHz)				26950	21100	21600						
				26110	20330	20850						
15	QPSK	1	0	17.04	17.70	17.09			18.5	0		
15	QPSK	1	97	17.07	17.62	17.54						
15	QPSK	1	97	17.14	17.84	17.83						
15	QPSK	30	0	17.07	17.58	17.61						
15	QPSK	30	26	17.04	17.64	17.64						
15	QPSK	50	0	17.06	17.60	17.49			18.5	0		
15	QPSK	50	24	17.08	17.60	17.49						
15	QPSK	70	0	17.08	17.63	17.66						
15	HQAM	1	0	17.00	17.00	17.50						
15	HQAM	1	97	17.05	17.62	17.47						
15	HQAM	1	74	17.01	17.63	17.67			Turn-up Inst (dB)	MPR (dB)		
15	HQAM	30	0	17.03	17.68	17.43						
15	HQAM	30	26	17.03	17.68	17.39						
15	HQAM	30	50	17.05	17.74	17.67						
15	HQAM	30	74	17.07	17.63	17.69						
15	HQAM	1	0	17.05	17.65	17.66			18.5	0		
15	HQAM	30	0	17.04	17.68	17.67						
15	HQAM	30	26	17.06	17.62	17.62						
15	HQAM	30	50	17.07	17.65	17.65						
15	HQAM	30	74	17.08	17.61	17.67						
15	HQAM	1	0	17.05	17.60	17.55			18.5	0		
15	HQAM	30	0	17.06	17.65	17.65						
15	HQAM	30	26	17.05	17.65	17.65						
15	HQAM	30	50	17.06	17.66	17.66						
15	HQAM	30	74	17.08	17.61	17.64						
15	HQAM	1	0	17.05	17.60	17.55			18.5	0		
15	HQAM	30	0	17.06	17.65	17.65						
15	HQAM	30	26	17.05	17.65	17.65						
15	HQAM	30	50	17.06	17.66	17.66						
15	HQAM	30	74	17.08	17.61	17.64						
15	HQAM	1	0	17.05	17.60	17.55			Turn-up Inst (dB)	MPR (dB)		
Frequency (MHz)				26950	21100	21600						
				26110	20330	20850						
10	QPSK	1	0	17.01	17.74	17.14					18.5	0
10	QPSK	1	26	17.08	17.65	17.62						
10	QPSK	1	49	17.00	17.68	17.68						
10	QPSK	1	74	17.03	17.63	17.63						
10	QPSK	20	12	17.04	17.66	17.63						
10	QPSK	20	26	17.49	17.69	17.63			18.5	0		
10	QPSK	20	49	17.01	17.68	17.63						
10	QPSK	20	74	17.05	17.68	17.63						
10	HQAM	1	0	17.08	17.75	17.49						
10	HQAM	1	26	17.30	17.64	17.66						
10	HQAM	1	49	17.01	17.62	17.69			18.5	0		
10	HQAM	1	74	17.03	17.63	17.63						
10	HQAM	20	0	17.08	17.67	17.67						
10	HQAM	20	26	17.43	17.70	17.74						
10	HQAM	20	49	17.08	17.61	17.60						
10	HQAM	1	0	17.08	17.68	17.45			18.5	0		
10	HQAM	1	26	17.44	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68			18.5	0		
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64			18.5	0		
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60			18.5	0		
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68			18.5	0		
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64			18.5	0		
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61			18.5	0		
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62			18.5	0		
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68			18.5	0		
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64			18.5	0		
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60			18.5	0		
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68			18.5	0		
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64			18.5	0		
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61			18.5	0		
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62			18.5	0		
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68			18.5	0		
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64			18.5	0		
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68						
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60			18.5	0		
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64						
10	HQAM	20	49	17.00	17.60	17.68						
10	HQAM	20	74	17.03	17.60	17.68			18.5	0		
10	HQAM	1	0	17.04	17.63	17.62						
10	HQAM	1	26	17.43	17.66	17.60						
10	HQAM	1	49	17.01	17.66	17.61						
10	HQAM	20	0	17.08	17.65	17.64						
10	HQAM	20	26	17.47	17.61	17.64			18.5	0		
10	HQAM</											

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.09	22.01	22.02	24	0	
10	QPSK	1	25	22.44	22.42	22.45			
10	QPSK	1	49	22.55	22.48	22.49			
10	QPSK	25	0	21.55	21.59	21.53			
10	QPSK	25	12	21.43	21.47	21.43			
10	QPSK	25	25	21.53	21.52	21.40	23	1	
10	QPSK	50	0	21.58	21.56	21.41			
10	HQAM	1	0	21.75	21.77	21.76			
10	HQAM	1	25	21.69	21.70	21.62	23	1	
10	HQAM	1	49	21.76	21.83	21.87			
10	HQAM	25	0	20.55	20.53	20.41			
10	HQAM	25	12	20.52	20.46	20.40	22	2	
10	HQAM	25	25	20.51	20.51	20.39			
10	HQAM	50	0	20.54	20.59	20.39			
10	HQAM	1	0	20.70	20.69	20.65			
10	HQAM	1	25	20.62	20.61	20.52	22	2	
10	HQAM	1	49	20.70	20.55	20.51			
10	HQAM	25	0	19.55	19.45	19.42			
10	HQAM	25	12	19.42	19.46	19.43	21	3	
10	HQAM	25	25	19.53	19.53	19.40			
10	HQAM	50	0	19.54	19.50	19.41			
10	25SQAM	1	0	17.45	17.55	17.47			
10	25SQAM	1	25	17.51	17.54	17.48	19	5	
10	25SQAM	1	49	17.45	17.57	17.55			
10	25SQAM	25	0	17.46	17.48	17.42			
10	25SQAM	25	12	17.48	17.49	17.46	19	5	
10	25SQAM	25	25	17.47	17.49	17.42			
10	25SQAM	50	0	17.48	17.49	17.48			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.50	22.50	22.48	24	0	
5	QPSK	1	12	22.31	22.39	22.35			
5	QPSK	1	24	22.51	22.47	22.34			
5	QPSK	12	0	21.43	21.48	21.52			
5	QPSK	12	7	21.43	21.38	21.28	23	1	
5	QPSK	12	13	21.47	21.37	21.25			
5	QPSK	25	0	21.47	21.49	21.39			
5	HQAM	1	0	21.65	21.63	21.49			
5	HQAM	1	12	21.69	21.67	21.57	23	1	
5	HQAM	1	24	21.68	21.61	21.52			
5	HQAM	12	0	20.51	20.41	20.36			
5	HQAM	12	7	20.36	20.35	20.25	22	2	
5	HQAM	12	13	20.44	20.37	20.33			
5	HQAM	25	0	20.48	20.45	20.33			
5	HQAM	1	0	20.44	20.39	20.35			
5	HQAM	1	12	20.52	20.50	20.34	22	2	
5	HQAM	1	24	20.51	20.47	20.35			
5	HQAM	12	0	19.48	19.33	19.30			
5	HQAM	12	7	19.34	19.40	19.38	21	3	
5	HQAM	12	13	19.42	19.46	19.42			
5	HQAM	25	0	19.50	19.50	19.36			
5	25SQAM	1	0	17.41	17.49	17.36	19	5	
5	25SQAM	1	12	17.41	17.41	17.34			
5	25SQAM	1	24	17.38	17.50	17.43			
5	25SQAM	12	0	17.42	17.36	17.43			
5	25SQAM	12	7	17.42	17.46	17.42	19	5	
5	25SQAM	12	13	17.37	17.58	17.41			
5	25SQAM	25	0	17.42	17.58	17.41			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.42	22.51	22.48			
1.4	QPSK	1	3	22.37	22.39	22.33			
1.4	QPSK	1	5	22.32	22.35	22.36			
1.4	QPSK	3	0	22.30	22.44	22.29	24	0	
1.4	QPSK	3	1	22.42	22.49	22.38			
1.4	QPSK	3	3	22.31	22.44	22.42			
1.4	QPSK	6	0	21.33	21.42	21.40	23	1	
1.4	HQAM	1	0	21.38	21.43	21.38			
1.4	HQAM	1	3	21.49	21.41	21.33			
1.4	HQAM	1	5	21.27	21.48	21.32	23	1	
1.4	HQAM	3	0	21.29	21.48	21.31			
1.4	HQAM	3	1	21.38	21.47	21.41			
1.4	HQAM	3	3	21.38	21.43	21.38			
1.4	HQAM	1	0	20.31	20.40	20.38	22	2	
1.4	HQAM	1	3	20.30	20.48	20.37			
1.4	HQAM	1	5	20.31	20.43	20.30			
1.4	HQAM	3	0	20.29	20.52	20.41	22	2	
1.4	HQAM	3	1	20.36	20.43	20.38			
1.4	HQAM	3	3	20.41	20.47	20.32			
1.4	HQAM	6	0	19.32	19.39	19.29	21	3	
1.4	25SQAM	1	0	17.40	17.53	17.41			
1.4	25SQAM	1	3	17.34	17.50	17.38	19	5	
1.4	25SQAM	1	5	17.34	17.51	17.32			
1.4	25SQAM	3	0	17.34	17.48	17.41			
1.4	25SQAM	3	1	17.30	17.41	17.41			
1.4	25SQAM	3	3	17.38	17.53	17.29	19	5	
1.4	25SQAM	6	0	17.34	17.53	17.28			

Band 13_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/MHz]	Power Middle Ch [F/MHz]	Power High Ch [F/MHz]	Turn-up time (dBm)	MPE (dB)	
Channel									
23520									
Frequency [MHz]									
10	QPSK	1	0	22.71	22.71	22.71	24	0	
10	QPSK	1	25	22.81	22.81	22.81			
10	QPSK	1	49	22.86	22.86	22.86			
10	QPSK	25	0	21.81	21.81	21.81	23	1	
10	QPSK	25	12	21.83	21.83	21.83			
10	QPSK	25	25	21.59	21.59	21.59			
10	QPSK	50	0	21.62	21.62	21.62			
10	HQAM	1	0	21.84	21.84	21.84	23	1	
10	HQAM	1	25	21.63	21.63	21.63			
10	HQAM	1	49	21.81	21.81	21.81			
10	HQAM	25	0	20.62	20.62	20.62	22	2	
10	HQAM	25	12	20.59	20.59	20.59			
10	HQAM	25	25	20.57	20.57	20.57			
10	HQAM	50	0	20.61	20.61	20.61			
10	HQAM	1	0	20.85	20.85	20.85	22	2	
10	HQAM	1	25	20.64	20.64	20.64			
10	HQAM	1	49	20.85	20.85	20.85			
10	HQAM	25	0	19.84	19.84	19.84	21	3	
10	HQAM	25	12	19.80	19.80	19.80			
10	HQAM	25	25	19.59	19.59	19.59			
10	HQAM	50	0	19.89	19.89	19.89			
10	25QAM	1	0	17.41	17.41	17.41	19	5	
10	25QAM	1	25	17.68	17.68	17.68			
10	25QAM	1	49	17.65	17.65	17.65			
10	25QAM	25	0	16.62	16.62	16.62	19	5	
10	25QAM	25	12	17.07	17.07	17.07			
10	25QAM	25	25	17.07	17.07	17.07			
Channel									
23605									
Frequency [MHz]									
5	QPSK	1	0	22.63	22.63	22.63	24	0	
5	QPSK	1	12	22.39	22.39	22.43			
5	QPSK	1	24	22.59	22.59	22.53			
5	QPSK	12	0	21.54	21.54	21.48	23	1	
5	QPSK	12	7	21.61	21.61	21.52			
5	QPSK	12	13	21.62	21.62	21.47			
5	HQAM	1	0	21.81	21.81	21.48	23	1	
5	HQAM	1	6	21.79	21.88	21.91			
5	HQAM	1	12	21.79	21.88	21.91			
5	HQAM	12	0	21.62	21.62	21.56	22	2	
5	HQAM	12	6	21.80	21.73	21.70			
5	HQAM	12	13	20.59	20.53	20.50			
5	HQAM	25	0	20.52	20.48	20.48	20	5	
5	HQAM	25	6	20.57	20.52	20.54			
5	HQAM	25	13	20.79	20.73	20.70			
5	HQAM	12	19	20.51	20.57	20.53	22	2	
5	HQAM	12	26	20.73	20.68	20.70			
5	HQAM	12	33	19.59	19.62	19.57			
5	HQAM	12	7	19.52	19.35	19.46	21	3	
5	HQAM	12	14	19.51	19.48	19.38			
5	HQAM	12	21	19.45	19.20	19.32			
5	25QAM	1	0	17.49	17.49	17.52	19	5	
5	25QAM	1	6	17.56	17.51	17.51			
5	25QAM	1	24	17.56	17.56	17.52			
5	25QAM	12	0	17.55	17.55	17.49	19	5	
5	25QAM	12	17	17.48	17.60	17.50			
5	25QAM	12	13	17.52	17.57	17.54			
5	25QAM	12	20	17.52	17.57	17.54			

Band 17_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Freq]	Power High Ch [F/Freq]	Power High Ch [F/Freq]	Turn-up (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.00	22.00	22.00			24	0
15	QPSK	1	25	22.40	22.40	22.40				
15	QPSK	1	49	22.40	22.40	22.40			23	1
15	QPSK	25	0	21.40	21.40	21.40				
15	QPSK	25	25	21.40	21.40	21.40			22	2
15	QPSK	25	50	20.40	20.40	20.40				
15	QPSK	50	0	21.20	21.20	21.20			22	2
15	QPSK	50	25	21.60	21.60	21.60				
15	QPSK	50	50	22.00	22.00	22.00			21	3
15	QPSK	50	75	22.40	22.40	22.40				
15	QPSK	100	0	21.20	21.20	21.20			22	2
15	QPSK	100	25	21.60	21.60	21.60				
15	QPSK	100	50	22.00	22.00	22.00			21	3
15	QPSK	100	75	22.40	22.40	22.40				
15	QPSK	150	0	21.20	21.20	21.20			22	2
15	QPSK	150	25	21.60	21.60	21.60				
15	QPSK	150	50	22.00	22.00	22.00			21	3
15	QPSK	150	75	22.40	22.40	22.40				
15	QPSK	200	0	21.20	21.20	21.20			22	2
15	QPSK	200	25	21.60	21.60	21.60				
15	QPSK	200	50	22.00	22.00	22.00			21	3
15	QPSK	200	75	22.40	22.40	22.40				
15	QPSK	250	0	21.20	21.20	21.20			22	2
15	QPSK	250	25	21.60	21.60	21.60				
15	QPSK	250	50	22.00	22.00	22.00			21	3
15	QPSK	250	75	22.40	22.40	22.40				
15	QPSK	300	0	21.20	21.20	21.20			22	2
15	QPSK	300	25	21.60	21.60	21.60				
15	QPSK	300	50	22.00	22.00	22.00			21	3
15	QPSK	300	75	22.40	22.40	22.40				
15	QPSK	350	0	21.20	21.20	21.20			22	2
15	QPSK	350	25	21.60	21.60	21.60				
15	QPSK	350	50	22.00	22.00	22.00			21	3
15	QPSK	350	75	22.40	22.40	22.40				
15	QPSK	400	0	21.20	21.20	21.20			22	2
15	QPSK	400	25	21.60	21.60	21.60				
15	QPSK	400	50	22.00	22.00	22.00			21	3
15	QPSK	400	75	22.40	22.40	22.40				
15	QPSK	450	0	21.20	21.20	21.20			22	2
15	QPSK	450	25	21.60	21.60	21.60				
15	QPSK	450	50	22.00	22.00	22.00			21	3
15	QPSK	450	75	22.40	22.40	22.40				
15	QPSK	500	0	21.20	21.20	21.20			22	2
15	QPSK	500	25	21.60	21.60	21.60				
15	QPSK	500	50	22.00	22.00	22.00			21	3
15	QPSK	500	75	22.40	22.40	22.40				
15	QPSK	550	0	21.20	21.20	21.20			22	2
15	QPSK	550	25	21.60	21.60	21.60				
15	QPSK	550	50	22.00	22.00	22.00			21	3
15	QPSK	550	75	22.40	22.40	22.40				
15	QPSK	600	0	21.20	21.20	21.20			22	2
15	QPSK	600	25	21.60	21.60	21.60				
15	QPSK	600	50	22.00	22.00	22.00			21	3
15	QPSK	600	75	22.40	22.40	22.40				
15	QPSK	650	0	21.20	21.20	21.20			22	2
15	QPSK	650	25	21.60	21.60	21.60				
15	QPSK	650	50	22.00	22.00	22.00			21	3
15	QPSK	650	75	22.40	22.40	22.40				
15	QPSK	700	0	21.20	21.20	21.20			22	2
15	QPSK	700	25	21.60	21.60	21.60				
15	QPSK	700	50	22.00	22.00	22.00			21	3
15	QPSK	700	75	22.40	22.40	22.40				
15	QPSK	750	0	21.20	21.20	21.20			22	2
15	QPSK	750	25	21.60	21.60	21.60				
15	QPSK	750	50	22.00	22.00	22.00			21	3
15	QPSK	750	75	22.40	22.40	22.40				
15	QPSK	800	0	21.20	21.20	21.20			22	2
15	QPSK	800	25	21.60	21.60	21.60				
15	QPSK	800	50	22.00	22.00	22.00			21	3
15	QPSK	800	75	22.40	22.40	22.40				
15	QPSK	850	0	21.20	21.20	21.20			22	2
15	QPSK	850	25	21.60	21.60	21.60				
15	QPSK	850	50	22.00	22.00	22.00			21	3
15	QPSK	850	75	22.40	22.40	22.40				
15	QPSK	900	0	21.20	21.20	21.20			22	2
15	QPSK	900	25	21.60	21.60	21.60				
15	QPSK	900	50	22.00	22.00	22.00			21	3
15	QPSK	900	75	22.40	22.40	22.40				
15	QPSK	950	0	21.20	21.20	21.20			22	2
15	QPSK	950	25	21.60	21.60	21.60				
15	QPSK	950	50	22.00	22.00	22.00			21	3
15	QPSK	950	75	22.40	22.40	22.40				
15	QPSK	1000	0	21.20	21.20	21.20			22	2
15	QPSK	1000	25	21.60	21.60	21.60				
15	QPSK	1000	50	22.00	22.00	22.00			21	3
15	QPSK	1000	75	22.40	22.40	22.40				
15	QPSK	1050	0	21.20	21.20	21.20			22	2
15	QPSK	1050	25	21.60	21.60	21.60				
15	QPSK	1050	50	22.00	22.00	22.00			21	3
15	QPSK	1050	75	22.40	22.40	22.40				
15	QPSK	1100	0	21.20	21.20	21.20			22	2
15	QPSK	1100	25	21.60	21.60	21.60				
15	QPSK	1100	50	22.00	22.00	22.00			21	3
15	QPSK	1100	75	22.40	22.40	22.40				
15	QPSK	1150	0	21.20	21.20	21.20			22	2
15	QPSK	1150	25	21.60	21.60	21.60				
15	QPSK	1150	50	22.00	22.00	22.00			21	3
15	QPSK	1150	75	22.40	22.40	22.40				
15	QPSK	1200	0	21.20	21.20	21.20			22	2
15	QPSK	1200	25	21.60	21.60	21.60				
15	QPSK	1200	50	22.00	22.00	22.00			21	3
15	QPSK	1200	75	22.40	22.40	22.40				
15	QPSK	1250	0	21.20	21.20	21.20			22	2
15	QPSK	1250	25	21.60	21.60	21.60				
15	QPSK	1250	50	22.00	22.00	22.00			21	3
15	QPSK	1250	75	22.40	22.40	22.40				
15	QPSK	1300	0	21.20	21.20	21.20			22	2
15	QPSK	1300	25	21.60	21.60	21.60				
15	QPSK	1300	50	22.00	22.00	22.00			21	3
15	QPSK	1300	75	22.40	22.40	22.40				
15	QPSK	1350	0	21.20	21.20	21.20			22	2
15	QPSK	1350	25	21.60	21.60	21.60				
15	QPSK	1350	50	22.00	22.00	22.00			21	3
15	QPSK	1350	75	22.40	22.40	22.40				
15	QPSK	1400	0	21.20	21.20	21.20			22	2
15	QPSK	1400	25	21.60	21.60	21.60				
15	QPSK	1400	50	22.00	22.00	22.00			21	3
15	QPSK	1400	75	22.40	22.40	22.40				
15	QPSK	1450	0	21.20	21.20	21.20			22	2
15	QPSK	1450	25	21.60	21.60	21.60				

Band 26(FCC)_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch/Freq	Power High Ch/Freq	Power High Ch/Freq	Turn-up time (sec)	MPR (dB)		
Channel										
Frequency (MHz)	Channel	RB Size	RB Offset	Power Low Ch/Freq	Power High Ch/Freq	Power High Ch/Freq	Turn-up time (sec)	MPR (dB)		
26765	26865	26965								
15 QPSK 1	0	22.15	22.15	22.15			24	0		
15 QPSK 1	37	22.77	22.85	22.83						
15 QPSK 1	74	22.77	22.85	22.83						
15 QPSK 36	0	21.52	21.52	21.52						
15 QPSK 36	37	21.56	21.61	21.61			23	1		
15 QPSK 36	74	21.56	21.61	21.61						
15 HQAM 1	0	20.25	20.25	20.25						
15 HQAM 1	37	20.22	20.19	20.19			23	1		
15 HQAM 1	74	20.22	20.19	20.19						
15 HQAM 36	0	20.37	20.36	20.37						
15 HQAM 36	37	20.39	20.39	20.39			22	2		
15 HQAM 36	74	20.39	20.39	20.39						
15 HQAM 1	0	20.55	20.56	20.56						
15 HQAM 1	37	20.55	21.11	21.17			22	2		
15 HQAM 1	74	21.03	21.13	20.98						
15 HQAM 36	0	19.96	19.92	19.98			21			
15 HQAM 36	37	19.98	19.84	19.85						
15 HQAM 36	74	19.98	19.84	19.85						
15 HQAM 1	0	17.82	17.87	17.78			19	5		
15 HQAM 1	37	17.79	17.87	17.79						
15 HQAM 1	74	17.79	17.87	17.79						
15 HQAM 36	0	17.72	17.76	17.80			19	5		
15 HQAM 36	37	17.70	17.86	17.74						
15 HQAM 36	74	17.75	17.87	17.74						
Channel										
Frequency (MHz)	Channel	RB Size	RB Offset	Power Low Ch/Freq	Power High Ch/Freq	Power High Ch/Freq	Turn-up time (sec)	MPR (dB)		
26740	26840	26940								
15 QPSK 1	0	22.78	22.83	22.83			24	0		
15 QPSK 1	26	22.78	22.83	22.83						
15 QPSK 1	49	22.82	22.82	22.82						
15 QPSK 26	0	21.90	21.92	21.92						
15 QPSK 26	12	21.91	21.85	21.91			23	1		
15 QPSK 26	24	21.91	21.85	21.91						
15 HQAM 1	0	21.80	21.94	21.94						
15 HQAM 1	1	21.94	22.08	21.88			23	1		
15 HQAM 1	2	21.88	22.08	21.88						
15 HQAM 1	49	22.01	21.95	21.91			23	1		
15 HQAM 1	50	20.82	20.91	20.90						
15 HQAM 1	51	20.83	20.94	20.94			22	2		
15 HQAM 1	25	20.84	20.76	20.76						
15 HQAM 1	50	20.84	20.76	20.76						
15 HQAM 1	51	20.84	20.76	20.76			22	2		
15 HQAM 1	25	20.80	21.06	21.07						
15 HQAM 1	49	19.82	19.95	19.78						
15 HQAM 1	50	19.84	19.91	19.88			21	3		
15 HQAM 1	51	19.84	19.91	19.88						
15 HQAM 1	25	19.82	19.85	19.74						
15 HQAM 1	0	17.77	17.86	17.74			19	5		
15 HQAM 1	12	17.86	17.77	17.86						
15 HQAM 1	24	17.77	17.87	17.87						
15 HQAM 1	49	17.86	17.72	17.73						
15 HQAM 1	50	17.86	17.72	17.73			19	5		
15 HQAM 1	51	17.86	17.72	17.73						
15 HQAM 1	25	17.86	17.72	17.73						
15 HQAM 1	12	17.86	17.72	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		
15 HQAM 1	50	17.86	17.73	17.73						
15 HQAM 1	51	17.86	17.73	17.73						
15 HQAM 1	25	17.86	17.73	17.73						
15 HQAM 1	12	17.86	17.73	17.73						
15 HQAM 1	24	17.77	17.81	17.86						
15 HQAM 1	49	17.86	17.73	17.73			19	5		

Band 66_Ant 9										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Meds Ch (Freq)	Power High Ch (Freq)	Turn-up Int. (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	23.02	23.02	23.02				
20	QPSK	1	49	23.01	22.99	23.00	24	0		
20	QPSK	1	99	22.99	22.98	22.98				
20	QPSK	50	0	22.99	22.98	22.98				
20	QPSK	50	24	21.97	21.98	21.98	23	1		
20	QPSK	50	50	21.91	21.96	22.01				
20	QPSK	100	0	21.96	22.04	22.05				
20	16QAM	1	0	22.04	22.06	22.06				
20	16QAM	1	49	22.05	22.06	22.06	23	1		
20	16QAM	1	99	22.04	22.05	22.05				
20	16QAM	50	0	20.99	20.99	21.07				
20	16QAM	50	24	20.97	20.91	21.04	22	2		
20	16QAM	50	50	20.93	20.87	21.03				
20	16QAM	100	0	20.95	20.93	21.03				
20	64QAM	1	0	21.12	21.12	21.40				
20	64QAM	1	49	21.08	21.05	21.15	22	2		
20	64QAM	1	99	21.08	21.13	21.13				
20	64QAM	50	0	20.92	19.88	20.95				
20	64QAM	50	24	19.88	19.93	20.05				
20	64QAM	50	50	19.94	19.85	20.04	21	3		
20	64QAM	100	0	19.97	19.92	20.05				
20	256QAM	1	0	17.93	17.92	17.99				
20	256QAM	1	49	17.88	17.83	17.88	19	5		
20	256QAM	1	99	17.88	17.91	17.77				
20	256QAM	50	0	17.90	17.83	17.88				
20	256QAM	50	24	17.91	17.87	17.80	19	5		
20	256QAM	50	50	17.87	17.87	17.80				
20	256QAM	100	0	17.89	17.91	17.79				
Channel										
Frequency (MHz)										
15	QPSK	1	0	23.01	23.02	22.98				
15	QPSK	1	37	22.98	22.77	22.84	24	0		
15	QPSK	1	74	22.88	22.69	22.88				
15	QPSK	36	24	21.97	22.04	22.02				
15	QPSK	36	20	21.96	21.75	21.94	23	1		
15	QPSK	36	50	21.91	21.88	21.98				
15	QPSK	75	0	21.81	21.92	21.92				
15	16QAM	1	0	22.11	22.35	22.14				
15	16QAM	1	37	22.03	21.79	22.03	23	1		
15	16QAM	1	74	22.10	21.90	22.27				
15	16QAM	36	0	20.93	20.85	20.88				
15	16QAM	36	20	20.85	20.82	20.98	22	2		
15	16QAM	36	39	20.81	20.85	20.88				
15	16QAM	75	0	20.88	20.82	20.97				
15	64QAM	1	0	21.01	21.11	21.39				
15	64QAM	1	37	21.03	21.00	21.02	22	2		
15	64QAM	1	74	21.06	20.97	21.01				
15	64QAM	36	0	19.88	19.97	19.91				
15	64QAM	36	20	19.89	19.90	20.03	21	3		
15	64QAM	36	39	19.91	19.85	19.93				
15	64QAM	75	0	19.91	19.85	20.03				
15	256QAM	1	0	17.87	17.79	17.76				
15	256QAM	1	37	17.78	17.83	17.79	19	5		
15	256QAM	1	74	17.84	17.81	17.72				
15	256QAM	36	0	17.87	17.81	17.88				
15	256QAM	36	20	17.88	17.83	17.79	19	5		
15	256QAM	36	39	17.79	17.85	17.86				
15	256QAM	75	0	17.81	17.77	17.84				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.95	22.97	22.97				
10	QPSK	1	20	22.93	22.77	22.88	24	0		
10	QPSK	1	49	22.77	22.67	22.81				
10	QPSK	25	0	21.88	21.90	21.88				
10	QPSK	25	13	21.83	21.78	21.89	23	1		
10	QPSK	25	26	21.88	21.72	21.82				
10	QPSK	50	0	21.87	21.99	21.96				
10	16QAM	1	0	22.13	22.28	22.12				
10	16QAM	1	25	22.07	22.15	22.21	23	1		
10	16QAM	1	49	22.10	21.98	22.28				
10	16QAM	25	0	20.87	20.89	20.98				
10	16QAM	25	13	20.95	20.90	21.00	22	2		
10	16QAM	25	26	20.84	20.78	20.93				
10	16QAM	50	0	20.80	20.90	21.02				
10	64QAM	1	0	21.11	20.98	21.30				
10	64QAM	1	25	21.03	21.00	21.05	22	2		
10	64QAM	1	49	21.05	20.88	21.07				
10	64QAM	25	0	19.90	19.92	19.98				
10	64QAM	25	13	19.94	19.83	19.93	21	3		
10	64QAM	25	26	19.84	19.74	20.02				
10	64QAM	50	0	19.85	19.83	19.95				
10	256QAM	1	0	17.97	17.91	17.95				
10	256QAM	1	25	17.74	17.79	17.80	19	5		
10	256QAM	1	49	17.80	17.83	17.79				
10	256QAM	25	0	17.80	17.82	17.85				
10	256QAM	25	13	17.84	17.80	17.78	19	5		
10	256QAM	50	0	17.80	17.78	17.74				
Channel										
Frequency (MHz)										
5	QPSK	1	0	23.02	23.01	22.99				
5	QPSK	1	12	22.92	22.87	22.85	24	0		
5	QPSK	1	24	22.84	22.85	22.95				
5	QPSK	12	0	21.90	22.03	21.89				
5	QPSK	12	7	21.82	21.75	21.89	23	1		
5	QPSK	12	15	21.87	21.75	21.77				
5	QPSK	25	0	21.90	21.89	21.89				
5	16QAM	1	0	22.10	22.24	22.13				
5	16QAM	1	12	22.04	22.13	22.15	23	1		
5	16QAM	1	24	21.99	22.04	22.10				
5	16QAM	12	0	21.83	21.85	21.92				
5	16QAM	12	7	20.90	20.93	20.92	22	2		
5	16QAM	12	15	20.79	20.73	21.00				
5	16QAM	25	0	20.81	20.83	20.94				
5	16QAM	25	12	20.87	21.08	21.29				
5	16QAM	1	0	20.97	21.08	21.29				
5	16QAM	1	12	20.94	21.00	21.12	22	2		
5	16QAM	1	24	21.03	20.90	21.08				
5	16QAM	12	0	19.88	19.86	19.83				
5	16QAM	12	7	19.91	19.78	19.94	21	3		
5	16QAM	12	15	19.85	19.83	19.87				
5	16QAM	25	0	19.83	19.77	19.93				
5	256QAM	1	0	17.78	17.78	17.74				
5	256QAM	1	12	17.81	17.75	17.85	19	5		
5	256QAM	1	24	17.80	17.85	17.80				
5	256QAM	12	7	17.87	17.83	17.73	19	5		
5	256QAM	12	15	17.80	17.85	17.80				
5	256QAM	25	0	17.78	17.88	17.71				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.88	22.89	22.89				
1.4	QPSK	1	3	22.82	22.82	22.79	24	0		
1.4	QPSK	1	6	22.84	22.85	22.77				
1.4	QPSK	3	0	22.78	22.87	22.72				
1.4	QPSK	3	6	22.76	22.83	22.80				
1.4	QPSK	3	12	22.78	22.85	22.80				
1.4	QPSK	6	0	21.84	21.84	21.79	23	1		
1.4	16QAM	1	0	21.81	21.86	21.71				
1.4	16QAM	1	3	21.81	21.90	21.78				
1.4	16QAM	1	6	21.83	21.94	21.76	23	1		
1.4	16QAM	3	0	21.75	21.91	21.81				
1.4	16QAM	3	1	21.74	21.93	21.71				
1.4	16QAM	3	3	21.79	21.94	21.84				
1.4	16QAM	6	0	20.73	20.88	20.86	22	2		
1.4	16QAM	6	0	20.77	20.92	20.81				
1.4	16QAM	1	0	20.76	20.91	20.80				
1.4	16QAM	1	3	20.87	20.85	20.71	22	2		
1.4	16QAM	3	0	20.84	20.94	20.83				
1.4	16QAM	3	1	20.81	20.98	20.79				
1.4	16QAM	3	3	20.87	20.88	20.80				
1.4	16QAM	6	0	19.83	19.84	19.80	21	3		
1.4	256QAM	1	0	17.83	17.85	17.84				
1.4	256QAM	1	3	17.85	17.86	17.83				
1.4	256QAM	1	6	17.87	17.86	17.83				
1.4	256QAM	3	0	17.82	17.80	17.77	19	5		
1.4	256QAM	3	1	17.84	17.83	17.80				
1.4	256QAM	3	3	17.86	17.80	17.81				
1.4	256QAM	6	0	17.77	17.88	17.78				
1.4	256QAM	6	0	17.80	17.88	17.79				

Band 38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power (dBm)	Power (dBm)	Power (dBm)	Time-slot (slots)	MPE (dB)	
Channel				37650	38000	38150			
20	OFDM	1	0	23.11	23.12	23.12			
20	OFDM	1	49	23.04	23.05	23.08	24	0	
20	OFDM	50	0	23.11	23.12	23.12			
20	OFDM	50	49	23.11	23.12	23.12			
20	OFDM	50	24	22.09	22.08	22.08			23
20	OFDM	50	25	22.09	22.08	22.08			
20	OFDM	100	0	22.06	22.09	22.06			
20	OFDM	1	0	22.09	22.09	22.11			
20	OFDM	1	49	22.10	22.11	22.12	23	1	
20	OFDM	1	50	22.20	22.20	22.20			
20	OFDM	50	0	22.09	22.08	22.08			
20	OFDM	50	24	21.10	21.10	21.11	22	2	
20	OFDM	50	50	21.10	21.11	21.12			
20	OFDM	100	0	20.07	20.11	20.07			
20	OFDM	1	49	20.86	20.91	20.87	22	2	
20	OFDM	1	50	20.86	20.91	20.87			
20	OFDM	50	0	20.09	20.09	20.10			
20	OFDM	50	50	20.14	20.11	20.25	21	3	
20	OFDM	100	0	20.13	20.13	20.13			
20	OFDM	1	49	17.93	17.97	18.02	19	5	
20	OFDM	1	50	17.91	18.03	17.91			
20	OFDM	50	24	17.92	17.92	17.93	19	5	
20	OFDM	50	24	17.92	17.99	17.99			
20	OFDM	100	0	17.98	17.98	17.98			
20	OFDM	100	50	17.98	18.01	17.92			
Channel				37652	38000	38175			
15	OFDM	1	0	23.02	23.10	23.05	24	0	
15	OFDM	1	37	23.02	22.99	23.04			
15	OFDM	1	74	22.05	22.01	22.01			
15	OFDM	30	0	22.05	22.05	22.05	23	1	
15	OFDM	30	20	21.96	22.00	21.95			
15	OFDM	30	20	22.14	22.03	22.03			
15	OFDM	74	0	22.01	22.04	21.99			
15	OFDM	1	0	21.06	21.01	21.06	23	1	
15	OFDM	30	0	22.17	22.05	22.05			
15	OFDM	1	74	22.14	22.25	22.14			
15	OFDM	30	0	21.01	21.02	21.02	22	2	
15	OFDM	30	20	21.17	21.05	21.05			
15	OFDM	30	39	21.03	21.08	21.00			
15	OFDM	1	74	21.03	21.03	21.03			
15	OFDM	1	0	20.07	21.03	20.95			
15	OFDM	1	37	20.04	20.78	20.85	22	2	
15	OFDM	1	74	20.07	20.78	20.85			
15	OFDM	30	20	20.11	20.04	20.17			
15	OFDM	30	20	20.01	20.07	20.07	21	3	
15	OFDM	74	0	20.02	20.03	20.03			
15	OFDM	1	74	20.02	20.08	20.08			
15	OFDM	1	37	17.78	17.88	17.87	19	5	
15	OFDM	1	74	17.78	17.88	17.87			
15	OFDM	1	74	17.86	17.93	17.93			
15	OFDM	30	20	17.85	17.92	17.92	19	5	
15	OFDM	30	20	17.83	17.90	17.97			
15	OFDM	30	39	17.75	17.89	17.84			
15	OFDM	1	74	17.85	17.99	17.91			
Channel				37650	38000	38150			
20	OFDM	1	0	23.11	23.12	23.12			
20	OFDM	1	49	23.04	23.05	23.08	24	0	
20	OFDM	50	0	23.11	23.12	23.12			
20	OFDM	50	49	23.11	23.12	23.12			
20	OFDM	50	24	22.09	22.08	22.08			23
20	OFDM	50	25	22.09	22.08	22.08			
20	OFDM	100	0	22.06	22.09	22.06			
20	OFDM	1	0	22.09	22.09	22.11			
20	OFDM	1	49	22.08	22.10	22.12	23	1	
20	OFDM	1	50	22.19	22.19	22.20			
20	OFDM	50	0	22.09	22.08	22.08			
20	OFDM	50	24	21.10	21.10	21.11	22	2	
20	OFDM	50	50	21.10	21.11	21.12			
20	OFDM	100	0	20.09	20.09	20.10			
20	OFDM	1	49	20.86	20.91	20.87	22	2	
20	OFDM	1	50	20.86	20.91	20.87			
20	OFDM	50	0	20.09	20.09	20.10			
20	OFDM	50	50	20.14	20.11	20.25	21	3	
20	OFDM	100	0	20.13	20.13	20.13			
20	OFDM	1	49	17.93	17.97	18.02	19	5	
20	OFDM	1	50	17.91	18.03	17.91			
20	OFDM	50	24	17.92	17.92	17.93	19	5	
20	OFDM	50	24	17.92	17.99	17.99			
20	OFDM	100	0	17.98	17.98	17.98			
20	OFDM	100	50	17.98	18.01	17.92			
Channel				37652	38000	38225			
15	OFDM	1	0	23.02	23.09	23.04	24	0	
15	OFDM	1	12	23.02	22.99	23.04			
15	OFDM	1	24	23.02	22.99	23.06			
15	OFDM	15	0	22.05	22.01	22.01			
15	OFDM	15	12	22.05	22.01	22.01	23	1	
15	OFDM	15	24	21.96	21.96	22.03			
15	OFDM	15	12	22.03	22.04	22.06			
15	OFDM	30	0	22.05	22.05	22.05			
15	OFDM	1	0	21.06	21.01	21.06	23	1	
15	OFDM	30	0	22.04	21.98	22.00			
15	OFDM	30	12	22.03	21.98	22.00			
15	OFDM	1	24	22.17	22.27	22.14			
15	OFDM	12	0	20.09	20.09	20.10			
15	OFDM	12	12	20.07	21.04	20.07	22	2	
15	OFDM	12	18	20.06	20.06	21.00			
15	OFDM	20	0	21.09	20.96	21.00			
15	OFDM	20	12	20.05	20.98	20.98			
15	OFDM	1	12	20.77	20.86	20.78	22	2	
15	OFDM	1	24	20.77	20.86	20.78			
15	OFDM	12	0	19.84	20.08	20.07			
15	OFDM	12	7	20.03	20.07	20.10	21	3	
15	OFDM	1	12	17.78	17.88	17.87			
15	OFDM	1	24	17.78	17.88	17.87			
15	OFDM	1	24	17.86	17.93	17.93			
15	OFDM	12	18	17.77	17.86	17.83	19	5	

Band 38_Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Ch. Freq. (MHz)	Ch. Power (dBm)	Power (W)	Time-up (s)	MPE (dB)
Channel					37550	38000	38150		
Frequency (MHz)									
20	QPSK	1	0	18.00	19.00	18.00	18.00	20	0
20	QPSK	1	49	18.02	19.00	18.04	18.04	20	0
20	QPSK	1	98	18.04	19.00	18.08	18.08	20	0
20	QPSK	50	0	18.03	19.00	18.03	18.03	20	0
20	QPSK	50	49	18.05	19.00	18.05	18.05	20	0
20	QPSK	50	98	18.07	19.00	18.07	18.07	20	0
20	QPSK	100	0	18.01	19.00	18.01	18.01	20	0
20	16QAM	1	0	18.00	19.11	18.00	18.00	20	0
20	16QAM	1	49	18.02	19.04	18.02	18.02	20	0
20	16QAM	1	98	18.04	19.00	18.04	18.04	20	0
20	16QAM	50	0	18.03	19.00	18.03	18.03	20	0
20	16QAM	50	24	18.07	19.02	18.09	18.09	20	0
20	16QAM	50	49	18.02	19.18	18.05	18.05	20	0
20	16QAM	50	98	18.04	19.11	18.06	18.06	20	0
20	16QAM	100	0	18.08	19.12	18.06	18.06	20	0
20	16QAM	100	49	18.11	19.07	18.09	18.09	20	0
20	16QAM	100	98	18.16	19.00	18.10	18.10	20	0
20	16QAM	50	0	18.09	19.00	18.07	18.07	20	0
20	16QAM	50	49	18.10	19.00	18.08	18.08	20	0
20	16QAM	50	98	18.05	19.00	18.04	18.04	20	0
20	16QAM	100	0	18.08	19.12	18.06	18.06	20	0
20	16QAM	100	49	18.11	19.07	18.09	18.09	20	0
20	16QAM	100	98	18.16	19.12	18.10	18.10	19	1
20	16QAM	50	24	17.91	18.04	17.95	17.95	20	0
20	16QAM	50	49	18.02	18.11	18.03	18.03	19	1
20	16QAM	50	98	18.04	18.16	18.06	18.06	19	1
20	16QAM	100	0	17.95	18.03	17.84	17.84	19	1
Channel					37625	38075	38175		
Frequency (MHz)									
15	QPSK	1	0	19.00	19.00	18.99	18.99	20	0
15	QPSK	1	49	19.02	19.01	18.99	18.99	20	0
15	QPSK	1	98	19.04	19.00	18.99	18.99	20	0
15	QPSK	36	0	19.00	19.00	18.99	18.99	20	0
15	QPSK	36	18	19.03	19.00	18.99	18.99	20	0
15	QPSK	36	20	19.03	19.02	18.99	18.99	20	0
15	QPSK	76	0	19.00	19.02	18.97	18.97	20	0
15	16QAM	1	0	19.00	19.06	18.75	18.75	20	0
15	16QAM	1	49	19.02	19.00	18.75	18.75	20	0
15	16QAM	1	98	19.04	19.00	18.75	18.75	20	0
15	16QAM	36	0	19.01	18.90	18.75	18.75	20	0
15	16QAM	36	18	19.04	18.90	18.75	18.75	20	0
15	16QAM	36	20	19.04	19.01	18.89	18.89	20	0
15	16QAM	36	20	19.04	19.01	18.89	18.89	20	0
15	16QAM	36	0	18.99	19.00	18.73	18.73	20	0
15	16QAM	36	18	19.02	19.00	18.71	18.71	20	0
15	16QAM	36	20	19.02	18.99	18.71	18.71	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0
15	16QAM	76	0	19.00	19.02	18.75	18.75	20	0

Band 38_Ant 9									
BAW Modulation	RB Size	RB Offset	Ch Power (Fwd, Fld)	Ch Power (Fwd, Fld)	Ch Power (Fwd, Fld)	Time slot (slot)	MPE (dB)		
Channel									
Frequency (MHz)									
25	QPSK	1	0	21.73	21.73	21.73			
25	QPSK	1	46	21.68	21.70	21.70	22.5	0	
25	QPSK	1	91	21.63	21.68	21.68			
25	QPSK	80	0	21.71	21.64	21.64			
25	QPSK	80	24	21.66	21.70	21.60	22.5	0	
25	QPSK	80	48	21.61	21.64	21.64			
25	QPSK	100	0	21.64	21.70	21.70			
15	16QAM	1	0	21.68	21.70	21.68			
15	16QAM	1	46	21.63	21.63	21.63	22.5	0	
15	16QAM	1	91	21.58	21.63	21.62			
15	16QAM	80	0	21.61	21.62	21.62			
15	16QAM	80	24	21.21	21.23	21.21	22	0.5	
15	16QAM	80	50	21.58	21.60	21.61			
15	16QAM	100	0	21.58	21.60	21.61			
15	16QAM	1	0	21.70	21.23	21.22			
15	16QAM	1	46	21.14	21.21	21.22	22	0.5	
15	16QAM	1	91	21.09	21.22	21.22			
15	16QAM	80	0	20.97	20.20	20.16			
15	16QAM	80	24	20.97	20.20	20.16			
15	16QAM	80	50	20.13	20.20	20.20	21	1.5	
15	16QAM	100	0	20.10	20.24	20.17			
15	16QAM	1	0	18.17	18.27	18.27			
15	16QAM	1	46	18.16	18.33	18.34	19	3.5	
15	256QAM	1	96	18.12	18.22	18.23			
15	256QAM	80	25	18.12	18.22	18.10			
15	256QAM	80	50	18.12	18.22	18.15			
15	256QAM	100	24	18.14	18.23	18.15			
15	256QAM	1	0	18.12	18.22	18.22			
15	256QAM	100	0	18.21	18.21	18.23			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.73	21.73	21.73			
15	QPSK	1	46	21.67	21.74	21.64	22.5	0	
15	QPSK	1	91	21.71	21.69	21.60			
15	QPSK	80	0	21.74	21.64	21.63			
15	QPSK	80	24	21.70	21.61	21.60	22.5	0	
15	QPSK	80	48	21.65	21.64	21.64			
15	QPSK	100	0	21.73	21.64	21.58			
15	16QAM	1	0	21.66	21.63	21.55			
15	16QAM	1	46	21.54	21.54	21.54	22.5	0	
15	16QAM	1	91	21.60	21.73	21.64			
15	16QAM	80	0	21.22	21.21	21.11			
15	16QAM	80	24	21.15	21.12	21.12	22	0.5	
15	16QAM	80	50	21.18	21.17	20.99			
15	16QAM	100	0	21.14	21.14	20.96			
15	16QAM	1	0	21.26	21.08	21.02			
15	16QAM	1	46	21.25	21.20	21.25	22	0.5	
15	16QAM	1	91	21.25	21.20	21.25			
15	16QAM	80	0	20.13	20.17	20.12			
15	16QAM	80	24	20.22	20.22	20.21	21	1.5	
15	16QAM	80	50	20.24	20.24	20.24			
15	16QAM	100	0	20.16	20.25	20.20			
15	256QAM	1	96	18.12	18.23	18.23			
15	256QAM	80	25	18.14	18.12	18.15	19	3.5	
15	256QAM	80	50	18.12	18.14	18.09			
15	256QAM	100	24	18.12	18.14	18.15			
15	256QAM	1	0	18.12	18.22	18.22			
15	256QAM	100	0	18.21	18.21	18.23			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.73	21.73	21.73			
15	QPSK	1	12	21.67	21.74	21.64	22.5	0	
15	QPSK	1	24	21.68	21.72	21.67			
15	QPSK	12	0	21.74	21.64	21.63			
15	QPSK	12	7	21.65	21.69	21.60	22.5	0	
15	QPSK	12	7	21.60	21.70	21.60			
15	QPSK	12	14	21.49	21.70	21.67			
15	QPSK	12	14	21.44	21.71	21.67	22.5	0	
15	QPSK	12	21	21.47	21.61	21.61			
15	16QAM	1	0	21.67	21.62	21.54			
15	16QAM	1	12	21.54	21.54	21.54	22	0.5	
15	16QAM	1	24	21.63	21.76	21.68			
15	16QAM	12	0	21.60	21.28	21.19			
15	16QAM	12	7	21.52	21.28	21.19	22	0.5	
15	16QAM	12	14	21.36	21.21	21.01			
15	16QAM	12	21	20.91	21.24	21.01			
15	16QAM	12	28	20.18	21.18	21.05	21	1.5	
15	16QAM	1	12	20.98	20.20	20.10			
15	16QAM	1	24	20.98	20.20	20.10			
15	16QAM	12	0	20.08	20.27	20.25			
15	16QAM	12	7	20.05	20.16	20.11	21	1.5	
15	16QAM	12	14	19.96	20.18	20.07			
15	16QAM	12	21	19.96	20.12	20.04			
15	256QAM	1	96	18.13	18.22	18.10			
15	256QAM	80	25	17.96	18.29	18.11	19	3.5	
15	256QAM	80	50	18.10	18.22	18.12			
15	256QAM	100	24	18.18	18.26	18.18			
15	256QAM	1	0	18.12	18.22	18.22			
15	256QAM	100	0	18.21	18.21	18.23			
15	256QAM	12	7	18.12	18.27	18.09	19	3.5	
15	256QAM	12	14	17.93	18.16	18.16			
15	256QAM	12	21	17.93	18.16	18.03			

Band 41_Ant 2_PC3												
BW [MHz]	Modulation	RB Size	RB Offset	Power Max [Ch/Freq]	Power Min [Ch/Freq]	Power Max [Ch/Freq]	Power Min [Ch/Freq]	Power High [Ch/Freq]	Power Low [Ch/Freq]	Time-slot (s)	MPR (dB)	
Channel				36750	40165	40650	41065	41550	41450			
Frequency (MHz)				23.91	24.44	24.97	25.50	26.03	26.56			
0	QPSK	1	9	23.97	23.91	23.96	23.98	23.98	23.98	24	0	
0	QPSK	1	99	23.97	23.91	23.96	23.98	23.98	23.98	24	0	
0	QPSK	50	24	23.97	23.91	23.96	23.98	23.98	23.98	24	0	
0	QPSK	50	24	22.20	22.20	22.02	22.09	21.99	21.99	23	1	
0	QPSK	100	0	22.20	22.20	22.01	22.06	21.96	21.96	23	1	
0	16QAM	1	0	22.46	22.44	22.04	22.09	21.97	21.97	23	1	
0	16QAM	1	99	22.46	22.44	22.04	22.09	21.97	21.97	23	1	
0	16QAM	50	24	22.20	22.20	22.01	22.06	21.96	21.96	23	1	
0	16QAM	1	99	22.27	22.26	22.13	22.13	22.11	22.11	23	1	
0	16QAM	50	24	21.33	21.24	21.06	21.14	20.91	20.91	22	2	
0	16QAM	50	24	21.33	21.22	21.05	21.10	21.08	21.08	22	2	
0	64QAM	1	0	21.09	20.98	20.71	20.76	20.72	20.72	22	2	
0	64QAM	1	99	21.09	20.98	20.83	20.89	20.74	20.84	22	2	
0	64QAM	1	99	21.11	21.06	20.89	20.94	20.84	20.84	22	2	
0	64QAM	50	9	20.37	20.29	20.07	20.13	20.07	20.07	21	3	
0	64QAM	50	9	20.37	20.29	20.14	20.19	20.02	20.02	21	3	
0	64QAM	100	0	20.38	20.23	20.12	20.12	20.10	20.10	21	3	
0	256QAM	1	0	18.36	18.26	18.13	18.39	18.32	18.31	19	5	
0	256QAM	1	99	18.27	18.36	18.27	18.35	18.33	18.33	19	5	
0	256QAM	50	24	18.29	18.35	18.29	18.35	18.35	18.35	19	5	
0	256QAM	50	24	18.29	18.35	18.29	18.35	18.35	18.35	19	5	
0	256QAM	100	0	18.36	18.26	18.39	18.28	18.28	18.28	19	5	
Channel				36725	40173	40620	41068	41558	41458			
Frequency (MHz)				23.91	24.44	24.97	25.50	26.03	26.56			
15	QPSK	1	37	22.99	22.99	23.01	23.02	22.89	22.89	24	0	
15	QPSK	1	74	22.98	22.96	22.96	22.98	22.93	22.93	24	0	
15	QPSK	50	24	22.20	22.20	22.02	22.09	21.99	21.99	23	1	
15	QPSK	50	24	21.33	21.24	21.06	21.14	20.91	20.91	22	2	
15	16QAM	1	0	21.87	22.00	21.81	22.06	21.93	21.93	23	1	
15	16QAM	1	99	21.87	22.00	21.81	22.06	21.93	21.93	23	1	
15	16QAM	50	24	22.20	22.20	22.01	22.06	21.96	21.96	23	1	
15	16QAM	1	0	22.16	22.01	22.16	22.02	21.93	21.93	23	1	
15	16QAM	1	99	22.16	22.01	21.87	21.88	22.03	21.85	23	1	
15	16QAM	50	24	21.08	21.08	20.99	21.09	21.08	21.08	22	2	
15	16QAM	1	74	22.44	22.06	22.08	22.00	21.96	21.96	23	1	
15	16QAM	50	24	21.08	21.08	20.99	21.09	21.08	21.08	22	2	
15	64QAM	1	0	20.59	20.66	20.63	20.68	20.62	20.62	22	2	
15	64QAM	1	99	20.59	20.66	20.59	20.67	20.59	20.67	22	2	
15	64QAM	1	99	20.59	20.66	20.59	20.67	20.59	20.67	22	2	
15	64QAM	50	9	20.37	20.29	20.09	20.09	19.93	19.93	21	3	
15	64QAM	50	9	20.37	20.29	20.09	20.09	19.93	19.93	21	3	
15	64QAM	100	0	20.38	20.23	20.03	20.03	20.08	20.08	21	3	
15	64QAM	100	0	20.38	20.23	20.03	20.03	20.08	20.08	21	3	
15	256QAM	1	0	18.36	18.26	18.13	18.39	18.32	18.31	19	5	
15	256QAM	1	99	18.29	18.36	18.29	18.35	18.33	18.32	19	5	
15	256QAM	50	24	18.16	18.26	18.16	18.33	18.28	18.28	19	5	
15	256QAM	50	24	18.16	18.26	18.16	18.33	18.28	18.28	19	5	
15	256QAM	100	0	18.36	18.26	18.39	18.28	18.28	18.28	19	5	
15	256QAM	100	0	18.36	18.26	18.39	18.28	18.28	18.28	19	5	
Channel				36700	40160	40620	41060	41548	41448			
Frequency (MHz)				23.91	24.43	24.93	25.45	25.94	26.47			
0	QPSK	1	9	23.97	23.91	23.96	23.98	23.98	23.98	24	0	
0	QPSK	1	26	23.99	23.90	23.90	23.94	23.84	23.86	24	0	
0	QPSK	4	49	23.99	23.94	23.96	23.98	23.98	23.98	24	0	
0	QPSK	12	22	23.99	23.94	23.96	23.98	23.98	23.98	24	0	
0	QPSK	25	12	21.20	21.04	21.06	21.22	21.03	21.05	23	1	
0	QPSK	25	12	21.20	21.04	21.06	21.22	21.03	21.05	23	1	
0	QPSK	50	24	22.20	22.03	22.03	22.27	22.05	22.08	23	1	
0	QPSK	50	24	22.20	22.03	22.03	22.27	22.05	22.08	23	1	
0	16QAM	1	0	22.00	21.88	22.00	22.03	21.88	21.88	23	1	
0	16QAM	1	26	22.06	21.82	21.82	22.03	21.82	21.82	23	1	
0	16QAM	1	49	22.11	22.01	22.07	22.01	22.08	22.08	23	1	
0	16QAM	25	0	20.92	21.06	20.87	21.09	20.99	20.95	22	2	
0	16QAM	25	0	21.05	21.06	20.87	21.09	20.99	20.95	22	2	
0	16QAM	25	25	20.92	20.97	21.00	20.99	21.05	21.05	22	2	
0	64QAM	1	0	20.84	20.78	20.59	20.59	20.68	20.68	21	3	
0	64QAM	1	26	20.84	20.78	20.59	20.59	20.68	20.68	21	3	
0	64QAM	25	0	19.92	20.10	19.99	20.18	19.98	19.98	21	3	
0	64QAM	25	12	20.03	19.98	20.07	20.07	20.03	20.03	21	3	
0	64QAM	25	12	20.13	19.98	20.07	20.07	20.03	20.03	21	3	
0	64QAM	50	0	19.04	19.96	19.11	20.01	19.07	19.06	20	5	
0	256QAM	1	0	18.20	18.16	18.26	18.15	18.16	18.16	19	5	
0	256QAM	1	26	18.20	18.16	18.26	18.15	18.16	18.16	19	5	
0	256QAM	1	49	18.17	18.21	18.18	18.24	18.27	18.27	19	5	
0	256QAM	1	49	18.17	18.21	18.18	18.24	18.27	18.27	19	5	
0	256QAM	25	25	18.16	18.26	18.16	18.24	18.20	18.20	19	5	
0	256QAM	25	25	18.16	18.26	18.16	18.24	18.20	18.20	19	5	
0	256QAM	50	0	18.23	18.26	18.31	18.28	18.26	18.26	19	5	
0	256QAM	50	0	18.23	18.26	18.31	18.28	18.26	18.26	19	5	
Channel				36875	40165	40620	41063	41553	41453			
Frequency (MHz)				24.95	24.48	23.93	24.34	23.87	23.40			
0	QPSK	1	12	23.99	23.93	23.95	23.95	23.96	23.96	24	0	
0	QPSK	1	24	23.99	23.92	23.96	23.99	23.98	23.98	24	0	
0	QPSK	12	21	23.99	23.92	23.96	23.99	23.98	23.98	24	0	
0	QPSK	12	7	21.96	22.03	21.87	21.98	21.98	21.91	23	1	
0	QPSK	12	19	21.96	22.03	21.87	21.98	21.98	21.91	23	1	
0	16QAM	1	0	21.80	21.95	21.84	22.01	21.91	21.91	23	1	
0	16QAM	1	24	21.80	21.95	21.84	22.01	21.91	21.91	23	1	
0	16QAM	1	0	21.81	21.88	22.00	21.84	21.87	21.87	23	1	
0	16QAM	1	24	21.81	21.88	22.00	21.84	21.87	21.87	23	1	
0	16QAM	12	9	20.87	21.01	20.88	20.96	20.96	20.88	22	2	
0	16QAM	12	9	20.87	21.01	20.88	20.96	20.96	20.88	22	2	
0	16QAM	12	19	21.03	20.95	20.91	21.00	20.95	20.95	22	2	
0	16QAM	25	0	20.97	21.08	20.88	21.00	20.89	20.89	22	2	
0	64QAM	1	0	18.24	18.19	18.23	18.20	18.24	18.24	19	5	
0	64QAM	1	24	18.24	18.19	18.23	18.20	18.24	18.24	19	5	
0	64QAM	12	9	18.33	18.27	18.24	18.27	18.32	18.32	19	5	
0	64QAM	12	9	18.33	18.27	18.24	18.27	18.32	18.32	19	5	
0	64QAM	1	12	20.70	20.78	20.73	20.74	20.62	20.62	22	2	
0	64QAM	1	12	20.70	20.78	20.73	20.74	20.62	20.62	22	2	
0	64QAM	12	0	20.02	20.08	20.00	20.00	20.00	19.95	21	3	
0	64QAM	12	7	20.02	20.12	20.08	20.07	20.07	20.01	20	5	
0	256QAM	1	0	18.24	18.19	18.23	18.20	18.24	18.24	19	5	
0	256QAM	1	24	18.24	18.19	18.23	18.20	18.24	18.24	19	5	
0	256QAM	1	24	18.24	18.24	18.21	18.21	18.24	18.24	19	5	
0	256QAM	12	7	18.26	18.23	18.24	18.23	18.24	18.23	19	5	
0	256QAM	12	13	18.20	18.19	18.30	18.24	18.24	18.22	19	5	

Band 41_Ant 2_PC2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPE (dB)			
Channel													
Frequency (MHz)													
20	QPSK	1	0	25.22	25.12	25.22	25.05	25.05	27	0			
20	QPSK	1	49	25.17	25.11	25.05	25.08	25.08					
20	QPSK	1	89	25.20	25.12	25.02	25.04	25.05					
20	QPSK	50	0	25.23	25.20	25.24	25.05	24.98					
20	QPSK	50	25	25.22	25.17	25.01	25.05	25.00					
20	QPSK	100	0	25.22	25.18	25.24	25.03	24.93	26	1			
20	16QAM	1	49	25.27	25.21	25.14	25.35	25.10					
20	16QAM	1	89	25.42	25.44	25.15	25.20	25.13					
20	16QAM	50	0	25.14	25.23	25.39	24.99	25.05					
20	16QAM	50	24	25.36	24.24	24.03	24.12	24.00					
20	16QAM	100	0	24.30	24.21	24.06	24.10	24.05	25	2			
20	16QAM	100	0	24.26	24.22	24.01	24.07	24.03					
20	16QAM	1	0	24.25	24.15	23.94	24.00	24.12					
20	16QAM	1	49	24.27	24.26	24.04	24.16	24.10					
20	16QAM	1	99	24.28	24.15	24.19	24.06	24.03					
20	16QAM	50	0	23.29	23.21	22.98	23.09	22.95	24	3			
20	16QAM	50	24	23.28	23.24	23.04	23.12	23.00					
20	16QAM	50	50	23.30	23.20	23.04	23.10	23.05					
20	16QAM	100	0	23.28	23.25	23.01	23.07	22.95					
20	256QAM	1	0	21.12	21.16	21.12	21.16	21.10					
20	256QAM	1	49	21.08	21.08	21.09	21.08	21.01	22	5			
20	256QAM	1	89	21.07	21.08	21.07	21.08	21.09					
20	256QAM	1	99	21.14	21.15	21.14	21.19	21.08					
20	256QAM	50	24	21.11	21.11	21.11	21.11	21.14					
20	256QAM	50	50	21.09	21.10	21.09	21.10	21.08					
20	256QAM	100	0	21.09	21.10	21.09	21.10	21.01	22	5			
Channel													
Frequency (MHz)													
15	QPSK	1	0	25.10	25.91	26.16	25.93	26.04	27	0			
15	QPSK	1	37	25.79	25.91	25.82	25.85	25.77					
15	QPSK	1	74	25.88	25.82	25.80	25.82	25.87					
15	QPSK	36	24	25.17	25.05	25.02	25.07	25.02					
15	QPSK	36	20	24.90	24.91	24.85	24.98	24.87					
15	QPSK	75	0	25.09	25.07	25.01	24.97	24.94	26	1			
15	QPSK	75	25	25.09	24.98	25.20	24.89	24.80					
15	16QAM	1	0	25.03	25.11	24.98	25.09	24.98					
15	16QAM	1	37	25.14	25.04	24.92	25.05	24.96					
15	16QAM	1	74	25.03	25.19	25.08	25.05	24.98					
15	16QAM	36	0	24.91	24.94	24.98	24.93	24.90	25	2			
15	16QAM	36	20	24.92	24.95	24.98	24.91	24.93					
15	16QAM	36	36	24.91	24.97	24.92	24.98	24.95					
15	16QAM	75	0	24.88	24.92	24.92	24.98	24.90					
15	16QAM	75	0	24.89	24.95	24.90	24.96	24.91					
15	16QAM	1	0	24.86	24.91	24.86	24.93	24.84	25	2			
15	16QAM	1	37	24.90	24.97	24.92	24.92	24.96					
15	16QAM	1	74	24.89	24.95	24.90	24.95	24.84					
15	16QAM	36	0	24.88	24.99	24.98	24.92	24.84					
15	16QAM	36	20	24.83	24.97	24.90	24.91	24.84					
15	16QAM	36	36	24.83	24.97	24.90	24.91	24.84	24	3			
15	16QAM	75	0	24.83	24.97	24.90	24.91	24.84					
15	16QAM	75	0	24.83	24.97	24.90	24.91	24.84					
15	256QAM	1	0	21.06	21.04	20.97	21.09	21.01					
15	256QAM	1	49	21.07	21.08	21.07	21.08	21.09					
15	256QAM	1	89	21.14	21.15	21.14	21.19	21.08	22	5			
15	256QAM	50	24	21.11	21.11	21.11	21.11	21.14					
15	256QAM	50	50	21.09	21.10	21.09	21.10	21.08					
15	256QAM	100	0	21.09	21.10	21.09	21.10	21.01					
Channel													
Frequency (MHz)													
39705	QPSK	1	0	25.08	25.91	26.16	25.94	26.04	27				
39705	QPSK	1	12	25.79	25.88	25.82	25.80	25.74	27	0			
39705	QPSK	1	24	25.85	25.82	25.81	25.80	25.85	27	0			
39705	QPSK	12	0	25.25	25.04	25.22	25.09	24.98	26	1			
39705	QPSK	12	7	25.11	24.99	24.94	25.05	24.89	26	1			
39705	QPSK	12	13	24.95	24.92	24.96	25.04	24.88	26	1			
39705	QPSK	25	0	25.10	24.98	25.15	24.94	24.85	26	1			
39705	16QAM	1	0	24.98	25.01	25.00	25.12	25.06	26	1			
39705	16QAM	1	12	25.13	25.24	25.10	25.28	24.95	26	1			
39705	16QAM	1	24	25.15	25.06	25.01	25.11	25.01	26	1			
39705	16QAM	12	0	24.98	24.94	24.98	24.98	24.90	25	2			
39705	16QAM	12	7	24.97	24.92	24.92	24.98	24.93	25	2			
39705	16QAM	12	13	24.95	24.94	24.96	24.92	24.87	25	2			
39705	16QAM	25	0	24.93	24.95	24.98	24.93	24.84	25	2			
39705	16QAM	25	12	24.90	24.94	24.92	24.90	24.86	25	2			
39705	16QAM	25	12	24.93	24.92	24.96	24.93	24.88	24	3			
39705	16QAM	25	12	24.93	24.92	24.96	24.93	24.88	24	3			
39705	16QAM	25	12	24.93	24.92	24.96	24.93	24.88	24	3			
39705	16QAM	25	12	24.93	24.92	24.96	24.93	24.88	24	3			
39705	16QAM	25	0	22.92	23.08	22.90	22.99	22.87	24	3			
39705	256QAM	1	0	21.05	21.14	21.02	21.07	21.05	24	3			
39705	256QAM	1	49	21.05	21.05	21.02	21.03	21.00	24	3			
39705	256QAM	1	89	21.10	21.11	21.01	21.11	21.03	24	3			
39705	256QAM	12	7	21.01	20.97	21.03	21.03	21.11	24	3			
39705	256QAM	12	13	21.05	21.19	20.97	21.07	20.98	24	3			
39705	256QAM	25	0	21.05	21.09	20.99	21.01	20.95	24	3			
Channel													
Frequency (MHz)													
39705	QPSK	1	0	25.08	25.91	26.16	25.94	26.04	27				

Band 41_Ant 9_PC3													
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-on time (min)	MRR (dB)		
Channel	Frequency (MHz)	2505	2549.5	2593	2638.5	2683							
20	QPSK	1	0	21.02	21.01	21.00	21.07	21.06					
20	QPSK	1	49	21.06	21.06	21.06	21.06	21.06		22.5	0		
20	QPSK	1	99	21.07	21.07	21.07	21.07	21.07					
20	QPSK	50	0	21.03	21.03	21.03	21.03	21.03					
20	QPSK	50	50	21.03	21.06	21.06	21.06	21.06		22.5	0		
20	QPSK	50	100	21.02	21.02	21.02	21.02	21.02					
20	16QAM	1	49	21.02	21.02	21.02	21.02	21.02		22.5	0		
20	16QAM	1	99	21.04	21.04	21.04	21.04	21.04					
20	16QAM	50	24	21.05	21.05	21.05	21.05	21.05		22	0.5		
20	16QAM	50	24	21.05	21.05	21.05	21.05	21.05					
20	16QAM	100	0	21.08	21.08	21.08	21.08	21.08					
20	16QAM	100	0	21.08	21.08	21.08	21.08	21.08					
20	16QAM	1	0	21.02	21.02	21.02	21.02	21.02		22	0.5		
20	16QAM	1	99	21.05	21.05	21.05	21.05	21.05					
20	16QAM	50	24	21.02	21.02	21.02	21.02	21.02		21	1.5		
20	16QAM	50	24	21.02	21.02	21.02	21.02	21.02					
20	16QAM	100	0	21.02	21.02	21.02	21.02	21.02					
20	256QAM	1	49	18.30	18.32	18.37	18.41	18.24		19	3.5		
20	256QAM	1	99	18.18	18.25	18.43	18.30						
20	256QAM	50	24	18.20	18.33	18.43	18.31	18.24					
20	256QAM	50	24	18.18	18.25	18.39	18.43	18.31		19	3.5		
20	256QAM	100	0	18.13	18.31	18.43	18.46	18.19					
20	256QAM	100	0	18.09	18.25	18.44	18.35	18.19					
Channel	Frequency (MHz)	36725	36713	40602	41068	41515							
15	QPSK	1	0	21.65	21.66	21.68	21.68	21.69		22.5	0		
15	QPSK	1	37	21.64	21.66	21.69	21.68	21.63					
15	QPSK	1	74	21.62	21.69	21.62	21.64	21.62					
15	QPSK	36	20	21.63	21.63	21.63	21.63	21.63		22.5	0		
15	QPSK	36	20	21.39	21.50	21.62	21.66	21.43					
15	QPSK	75	0	21.64	21.67	21.68	21.68	21.62					
15	QPSK	75	0	21.40	21.47	21.46	21.39	21.64					
15	16QAM	1	0	21.47	21.70	21.68	21.64	21.52		22.5	0		
15	16QAM	1	37	21.51	21.67	21.68	21.68	21.62					
15	16QAM	1	74	21.53	21.69	21.68	21.68	21.62					
15	16QAM	36	0	21.18	21.18	21.04	21.20	21.05		22	0.5		
15	16QAM	36	39	21.08	21.20	21.07	21.19	21.13					
15	16QAM	75	0	21.00	21.31	21.26	21.24	20.91					
15	16QAM	75	0	21.15	21.07	21.16	21.08	20.97		22	0.5		
15	16QAM	1	37	21.04	21.07	21.10	21.12	21.13					
15	16QAM	36	0	20.14	20.13	20.11	20.20	20.06		21	1.5		
15	16QAM	36	39	20.10	20.16	20.06	20.13	20.02					
15	256QAM	1	0	18.21	18.22	18.10	18.27	18.18		19	3.5		
15	256QAM	1	0	18.01	18.38	18.06	18.14	18.08					
15	256QAM	36	39	18.15	18.17	18.15	18.17	18.05		19	3.5		
15	256QAM	36	39	18.16	18.17	18.19	18.27	18.13					
15	256QAM	75	0	18.13	18.15	18.05	18.06	18.10					
Channel	Frequency (MHz)	36715	36703	40603	41069	41516							
10	QPSK	1	0	21.68	21.72	21.74	21.62	21.61		22.5	0		
10	QPSK	1	24	21.65	21.65	21.65	21.65	21.64					
10	QPSK	1	49	21.55	21.67	21.65	21.68	21.64					
10	QPSK	25	0	21.33	21.68	21.27	21.48	21.62		22.5	0		
10	QPSK	25	0	21.15	21.43	21.39	21.48	21.62					
10	QPSK	25	25	21.51	21.60	21.62	21.58	21.39					
10	QPSK	50	0	21.06	21.05	21.06	21.03	21.01		22.5	0		
10	QPSK	50	0	21.01	21.05	21.06	21.05	21.00					
10	16QAM	1	25	21.01	21.66	21.45	21.51	21.60					
10	16QAM	1	25	21.01	21.66	21.45	21.51	21.60					
10	16QAM	25	25	21.00	21.20	21.00	21.11	21.11		22	0.5		
10	16QAM	50	0	21.17	21.17	21.11	21.06	21.15					
10	16QAM	1	0	21.01	21.11	21.05	21.04	21.05		22	0.5		
10	16QAM	1	25	21.16	21.20	20.90	21.10	21.27					
10	16QAM	25	25	21.00	21.20	20.90	21.12	21.13					
10	16QAM	50	0	20.18	20.20	20.04	20.12	20.13		21	1.5		
10	16QAM	50	0	20.18	20.22	19.97	20.17	20.14					
10	16QAM	25	12	20.08	20.31	19.98	20.14	20.05					
10	16QAM	25	12	20.08	20.32	20.06	20.11	20.20					
10	16QAM	50	0	20.20	20.18	20.04	20.20	20.15					
10	256QAM	1	0	18.21	18.15	18.20	18.05	18.26		19	3.5		
10	256QAM	1	25	18.10	18.15	18.14	18.06	18.11					
10	256QAM	25	0	18.24	18.13	18.17	18.17	18.12		19	3.5		
10	256QAM	25	12	18.16	18.04	18.03	18.22	18.08					
10	256QAM	25	12	18.09	18.18	18.05	18.14	18.18					
10	256QAM	50	0	18.21	18.10	18.07	18.29	18.10					
Channel	Frequency (MHz)	36675	36615	40603	41069	41505							
5	QPSK	1	0	21.53	21.60	21.55	21.71	21.45		22.5	0		
5	QPSK	1	12	21.33	21.59	21.46	21.54	21.49					
5	QPSK	1	24	21.38	21.68	21.54	21.54	21.47					
5	QPSK	12	0	21.23	21.60	21.41	21.55	21.47		22.5	0		
5	QPSK	12	7	21.23	21.52	21.38	21.55	21.28					
5	QPSK	12	13	21.03	21.46	21.39	21.52	21.03					
5	QPSK	25	0	21.30	21.47	21.39	21.37	21.42		22.5	0		
5	16QAM	1	0	21.33	21.69	21.50	21.47	21.49					
5	16QAM	1	12	21.48	21.64	21.56	21.51	21.47					
5	16QAM	1	24	21.38	21.62	21.42	21.51	21.36					
5	16QAM	12	0	21.01	21.46	21.39	21.52	21.01		22	0.5		
5	16QAM	12	13	20.95	21.18	20.96	21.18	21.12					
5	16QAM	25	0	21.12	21.10	21.03	21.22	20.99		22	0.5		
5	16QAM	1	12	20.99	20.10	20.14	21.13	21.02					
5	16QAM	1	24	21.03	21.11	21.12	21.13	21.00					
5	16QAM	12	0	20.95	20.16	20.04	20.22	19.98					
5	16QAM	12	7	18.99	20.13	20.11	20.22	20.08		21	1.5		
5	16QAM	12	13	20.12	20.16	20.10	20.09	20.14					
5	16QAM	25	0	19.92	20.22	20.14	20.10	19.93					
5	256QAM	1	0	18.03	18.25	18.05	18.21	18.07		19	3.5		
5	256QAM	1	24	18.01	18.34	18.15	18.33	18.07					
5	256QAM	12	0	18.03	18.30	18.03	18.21	18.02					
5	256QAM	12	7	17.92	18.22	18.03	18.25	17.98		19	3.5		
5	256QAM	12	13	18.04	18.13	18.07	18.13	18.03					
5	256QAM	25	0	18.03	18.09	18.05	18.15	18.08					

Band 41_Ant 9_PC2													
BW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Power (W)	Turn-on time (min)	MRR (dB)		
Channel	Frequency (MHz)	30750	46165	46250	41055	41060							
20	QPSK	1	0	22.06	22.03	22.45	22.26	22.25		24.1	0		
20	QPSK	1	49	22.18	22.12	22.24	22.22	22.21					
20	QPSK	1	99	22.06	22.16	22.37	22.28	22.25					
20	QPSK	50	0	22.07	22.09	22.16	22.08	22.12		24.1	0		
20	QPSK	50	50	22.09	22.08	22.15	22.14	22.07					
20	QPSK	100	0	22.04	22.01	22.15	22.05	22.06					
20	16QAM	1	49	22.26	22.18	22.38	22.25	22.21		24.1	0		
20	16QAM	1	99	22.01	22.22	22.39	22.21	22.20					
20	16QAM	50	0	22.04	22.11	22.21	22.12	22.10					
20	16QAM	50	50	22.03	22.20	22.29	22.20	22.25					
20	16QAM	100	0	22.14	22.10	22.22	22.12	22.10		24.1	0		
20	16QAM	100	50	22.08	22.12	22.17	22.12	22.07					
20	16QAM	100	99	22.01	22.20	22.27	22.15	22.09					
20	16QAM	100	149	22.05	22.12	22.17	22.12	22.07					
20	16QAM	1	49	22.02	22.21	22.38	22.25	22.20		24.1	0		
20	16QAM	1	99	22.00	22.10	22.36	22.16	22.21					
20	16QAM	50	0	22.07	22.08	22.15	22.07	22.10					
20	16QAM	50	50	22.06	22.02	22.20	22.18	22.02		24	0.1		
20	16QAM	50	99	22.07	22.06	22.26	22.11	22.28					
20	16QAM	100	0	22.07	22.14	22.15	22.07	22.10		22	2.1		
20	16QAM	100	50	22.06	22.15	22.17	22.07	22.07					
20	16QAM	100	99	22.03	22.11	22.15	22.07	22.15					
20	16QAM	100	149	22.06	22.12	22.17	22.10	22.05		22	2.1		
20	16QAM	100	0	22.04	22.07	22.27	22.04	22.09		Turn-on time (min)	MRR (dB)		
20	16QAM	100	50	22.05	22.04	22.03	22.03	22.03					
5	QPSK	1	0	22.11	22.38	22.21	22.31	22.20		24.1	0		
5	QPSK	1	12	22.22	22.38	22.16	22.27	22.22					
5	QPSK	1	24	22.02	22.28	22.34	22.27	22.15					
5	QPSK	36	0	22.87	22.23	22.09	22.22	22.19		24.1	0		
5	QPSK	36	24	22.82	22.16	22.05	22.08	22.12					
5	QPSK	72	0	22.88	22.18	22.05	22.08	22.12					
5	QPSK	72	24	22.88	22.05	22.03	22.12	22.03					
5	16QAM	1	49	22.01	22.22	22.39	22.21	22.20		24.1	0		
5	16QAM	1	97	22.08	22.28	22.17	22.29	22.19					
5	16QAM	1	74	22.03	22.26	22.31	22.11	22.10					
5	16QAM	36	0	22.87	22.21	22.09	22.22	22.19		24.1	0		
5	16QAM	36	24	22.87	22.33	22.04	22.30	22.10					
5	16QAM	72	0	22.91	22.18	22.04	22.29	22.03					
5	16QAM	72	24	22.98	22.11	22.10	22.24	22.06		24.1	0		
5	16QAM	36	0	22.97	22.30	22.15	22.20	22.13					
5	16QAM	36	24	22.91	22.18	22.04	22.29	22.03					
5	16QAM	72	0	22.99	22.10	22.09	22.14	22.03					
5	16QAM	72	24	22.92	22.10	22.05	22.18	22.02		24	0.1		
5	16QAM	36	0	22.97	22.30	22.15	22.20	22.13					
5	16QAM	36	24	22.91	22.18	22.04	22.29	22.03					
5	16QAM	72	0	22.91	22.12	22.10	22.26	22.07		22	2.1		
5	16QAM	72	24	22.87	22.16	22.06	22.16	22.09					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06		22	2.1		
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72	0	22.91	22.16	22.02	22.16	22.05					
5	16QAM	72	24	22.91	22.16	22.02	22.16	22.05					
5	16QAM	36	0	22.91	22.17	22.08	22.19	22.06					
5	16QAM	36	24	22.91	22.17	22.08	22.19	22.06					
5	16QAM	72											

Part 27Q_Band 42_Ant 7														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)						
Channel														
Frequency (MHz)				41990	45000	45990								
20	QPSK	1	0 <td>22.05<td>23.17<td>22.95<td rowspan="4">24</td><td rowspan="4">0</td><td rowspan="4"></td><td rowspan="4"></td></td></td></td>	22.05 <td>23.17<td>22.95<td rowspan="4">24</td><td rowspan="4">0</td><td rowspan="4"></td><td rowspan="4"></td></td></td>	23.17 <td>22.95<td rowspan="4">24</td><td rowspan="4">0</td><td rowspan="4"></td><td rowspan="4"></td></td>	22.95 <td rowspan="4">24</td> <td rowspan="4">0</td> <td rowspan="4"></td> <td rowspan="4"></td>	24	0						
20	QPSK	1	49	22.05	23.04	22.97								
20	QPSK	1	99	22.02	23.05	22.93								
20	QPSK	50	0	21.90	22.02	21.84								
20	QPSK	24	0	21.98	21.98	21.98	23	1						
20	QPSK	50	50	21.97	22.02	21.94								
20	QPSK	100	0	21.97	22.03	21.91								
20	HQAM	1	0	21.97	22.02	21.90								
20	HQAM	1	49	21.91	22.10	21.93	23	1						
20	HQAM	1	99	22.02	22.08	21.98								
20	HQAM	50	0	20.99	21.07	20.93								
20	HQAM	50	24	21.00	21.04	20.94								
20	HQAM	50	50	20.95	21.03	20.97	22	2						
20	HQAM	100	0	20.95	21.04	20.93								
20	HQAM	1	0	20.95	21.09	20.99								
20	HQAM	1	49	20.95	21.04	20.95								
20	HQAM	1	99	20.95	21.05	20.97	21	3						
20	HQAM	50	0	20.00	20.07	19.98								
20	HQAM	50	24	19.95	20.10	19.95								
20	HQAM	50	50	19.94	20.07	19.98								
20	HQAM	100	0	19.92	20.14	19.93	19	5						
20	25QAM	1	0	17.95	18.10	17.90								
20	25QAM	1	49	17.97	18.03	17.93								
20	25QAM	1	99	17.91	18.02	17.95								
20	25QAM	50	0	17.93	18.12	17.91								
20	25QAM	50	24	18.00	18.04	17.90								
20	25QAM	50	24	17.97	18.01	17.90								
20	25QAM	50	50	17.97	18.01	17.90								
20	25QAM	100	0	18.03	18.03	17.85	19	5						
Channel														
Frequency (MHz)				34173	35000	35829					Turn-up time (min)	MPR (dB)		
15	QPSK	1	0	23.00	23.16	22.89					24	0		
15	QPSK	1	37	22.80	22.98	22.74								
15	QPSK	1	74	22.82	23.03	22.90								
15	QPSK	36	0	21.96	22.10	21.83								
15	QPSK	36	20	21.79	21.97	21.76	23	1						
15	QPSK	36	39	21.88	21.97	21.87								
15	QPSK	75	0	21.85	21.97	21.71								
15	HQAM	1	0	21.88	21.99	21.77								
15	HQAM	1	37	21.86	21.95	21.87	23	1						
15	HQAM	1	74	21.92	22.04	21.85								
15	HQAM	36	0	20.85	20.97	20.86								
15	HQAM	36	20	20.85	20.95	20.81								
15	HQAM	36	39	20.85	20.88	20.85	22	2						
15	HQAM	75	0	20.92	20.92	20.92								
15	HQAM	1	0	20.79	21.01	20.81								
15	HQAM	1	37	20.79	20.98	20.84								
15	HQAM	74	20	20.85	20.94	20.79	21	3						
15	HQAM	36	0	19.91	19.95	19.82								
15	HQAM	36	20	19.82	20.02	19.81								
15	HQAM	36	39	19.75	20.05	19.82								
15	HQAM	75	0	19.77	20.10	19.76	19	5						
15	25QAM	1	0	17.84	18.02	17.89								
15	25QAM	1	37	17.82	18.03	17.76								
15	25QAM	1	74	17.87	17.96	17.71								
15	25QAM	36	0	17.85	18.05	17.80	19	5						
15	25QAM	36	20	17.86	17.93	17.77								
15	25QAM	36	39	17.80	18.03	17.75								
15	25QAM	75	0	17.93	17.92	17.72								
Channel														
Frequency (MHz)				44140	45000	45990					Turn-up time (min)	MPR (dB)		
10	QPSK	1	0	22.96	23.03	22.91	24	0						
10	QPSK	1	25	22.94	22.97	22.91								
10	QPSK	1	49	22.91	22.94	22.92								
10	QPSK	25	0	21.95	22.04	21.84								
10	QPSK	12	0	21.84	22.07	21.79	23	1						
10	QPSK	25	25	21.85	21.89	21.73								
10	QPSK	50	0	21.87	21.88	21.74								
10	HQAM	1	0	21.87	21.95	21.83								
10	HQAM	1	25	21.86	22.04	21.86	23	1						
10	HQAM	1	49	21.96	21.94	21.79								
10	HQAM	25	0	20.85	20.95	20.81								
10	HQAM	25	12	20.90	21.00	20.88								
10	HQAM	25	25	20.81	20.99	20.75	22	2						
10	HQAM	50	0	20.93	21.00	20.89								
10	HQAM	1	0	20.85	21.07	20.76								
10	HQAM	1	25	20.84	20.98	20.79								
10	HQAM	1	49	20.81	21.02	20.78	22	2						
10	HQAM	25	0	19.89	20.02	19.74								
10	HQAM	25	12	19.74	20.07	19.87								
10	HQAM	25	25	19.80	20.05	19.85								
10	HQAM	50	0	19.80	20.00	19.82	21	3						
10	25QAM	1	0	17.84	18.07	17.82								
10	25QAM	1	25	17.86	17.91	17.74								
10	25QAM	1	49	17.85	17.92	17.76								
10	25QAM	25	0	17.81	18.04	17.89	19	5						
10	25QAM	25	12	17.85	17.93	17.87								
10	25QAM	25	25	17.84	18.05	17.84								
10	25QAM	50	0	17.98	17.99	17.77								
Channel														
Frequency (MHz)				34455	35000	35445					Turn-up time (min)	MPR (dB)		
5	QPSK	1	0	22.92	23.05	22.85	24	0						
5	QPSK	1	12	22.75	22.87	22.86								
5	QPSK	12	0	22.01	22.04	21.76								
5	QPSK	12	7	21.83	21.94	21.74								
5	QPSK	13	0	21.95	22.00	21.80	23	1						
5	QPSK	25	0	21.87	21.89	21.86								
5	HQAM	1	0	21.83	22.07	21.80								
5	HQAM	1	12	21.79	22.08	21.82								
5	HQAM	1	24	21.92	22.02	21.88	23	1						
5	HQAM	12	7	20.94	20.97	20.93								
5	HQAM	12	13	20.85	20.88	20.79								
5	HQAM	25	0	20.86	20.94	20.86								
5	HQAM	1	0	20.89	20.94	20.79	22	2						
5	HQAM	1	12	20.79	21.04	20.89								
5	HQAM	1	24	20.97	20.92	20.79								
5	HQAM	12	0	19.92	20.03	19.85								
5	HQAM	12	7	19.81	20.03	19.82	21	3						
5	HQAM	12	13	19.84	20.06	19.83								
5	HQAM	25	0	19.81	20.02	19.79								
5	25QAM	1	0	17.87	18.00	17.76								
5	25QAM	1	12	17.85	17.92	17.77	19	5						
5	25QAM	1	24	17.78	17.93	17.83								
5	25QAM	12	0	17.86	18.05	17.80								
5	25QAM	12	7	17.93	17.95	17.78								
5	25QAM	12	13	17.82	18.07	17.72	19	5						
5	25QAM	25	0	17.84	18.04	17.89								
5	25QAM	25	12	17.87	17.94	17.87								
5	25QAM	25	24	17.86	17.97	17.86								

Reduced Power Mode for ECI 3

DSMCC Arch	North Atlantic Project (GB)			Turn-up			France-Austria Project (GB)			Turn-up		
TSV Config	126	180	240	Low	Med	High	126	180	240	Low	Med	High
Forecasting (Mbit)	54.5	85.4	116.3	54.5	85.4	116.3	54.5	85.4	116.3	54.5	85.4	116.3
GMW 1 Y x4bit	32.53	53.29	72.51	33.80	53.53	72.59	23.51	33.59	43.51	24.50	34.50	44.50
GPWS 1 Y x4bit	32.46	52.52	72.43	33.80	53.46	72.46	23.52	33.52	43.52	24.50	34.50	44.50
GPWS 1 Y x8bit	32.46	52.52	72.43	33.80	53.46	72.46	23.52	33.52	43.52	24.50	34.50	44.50
GPWS 3 Y x4bit	29.51	49.51	69.51	31.50	51.55	71.55	25.51	35.51	45.51	26.50	36.50	46.50
EDGE 1 Y x4bit	28.51	48.50	68.50	30.50	50.55	70.55	25.51	35.51	45.51	26.50	36.50	46.50
EDGE 1 Y x8bit	28.51	48.50	68.50	30.50	50.55	70.55	25.51	35.51	45.51	26.50	36.50	46.50
EDGE 2 Y x4bit	25.51	45.51	65.51	26.50	46.55	66.55	19.51	29.51	39.51	20.50	30.50	40.50
EDGE 4 Y x4bit	21.53	41.53	61.53	22.50	42.55	62.55	18.53	38.53	58.53	19.50	39.50	59.50

OSM1900, Ant. 2	Site			Turn-up	Frame Average			Turn-up
	512	661	810		512	661	810	
300000 (30s)	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
OSM1 1 x 60s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
GPRES 1 x 60s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
GPRES 2 x 30s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
GPRES 3 x 20s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
GPRES 4 x 15s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
EDGE 1 x 60s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
EDGE 2 x 30s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
EDGE 3 x 20s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79
EDGE 4 x 15s	26.81	26.76	26.80	27.79	27.61	27.70	27.83	27.79

[illegible]

Band 4_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power High Ch./Freq.	Turnup time (s/min)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.29	21.22	21.17	22	0	
20	QPSK	1	49	21.04	21.21	21.09	22	0	
20	QPSK	1	99	21.14	21.18	21.12	22	0	
20	QPSK	50	0	21.12	21.18	21.13	22	0	
20	QPSK	50	24	21.15	21.08	21.02	22	0	
20	QPSK	50	49	21.18	21.12	21.06	22	0	
20	QPSK	100	0	21.08	21.12	21.04	22	0	
20	HQAM	1	40	21.12	21.17	21.04	22	0	
20	HQAM	1	56	21.15	21.16	21.06	22	0	
20	HQAM	50	0	20.92	20.98	20.40	22	0	
20	HQAM	50	24	20.92	20.97	20.41	22	0	
20	HQAM	50	40	20.98	20.96	19.90	22	0	
20	HQAM	100	0	20.85	20.94	20.43	22	0	
20	HQAM	1	0	18.05	18.11	17.91	19	3	
20	HQAM	1	80	18.15	18.15	17.94	19	3	
20	HQAM	1	99	18.09	18.18	17.97	19	3	
20	HQAM	50	0	18.07	18.18	17.90	19	3	
20	HQAM	50	24	18.11	18.08	17.97	19	3	
20	HQAM	50	40	18.04	18.06	17.93	19	3	
20	HQAM	100	0	18.06	18.06	18.03	19	3	
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.03	22.03	22.03	Turnup time (s/min)	MPR (dB)	
15	QPSK	1	37	22.03	22.03	22.03	22	0	
15	QPSK	1	74	21.00	21.12	22.09	22	0	
15	QPSK	1	111	21.00	21.12	22.09	22	0	
15	QPSK	50	0	22.02	22.08	22.05	22	0	
15	QPSK	50	37	22.02	22.08	22.05	22	0	
15	QPSK	50	74	22.02	22.08	22.05	22	0	
15	QPSK	100	0	21.98	22.05	22.02	22	0	
15	HQAM	1	0	20.92	21.03	21.01	22	0	
15	HQAM	1	37	20.98	21.11	21.08	22	0	
15	HQAM	1	74	20.90	21.12	21.09	22	0	
15	HQAM	50	0	20.94	20.92	20.87	22	0	
15	HQAM	50	37	20.93	20.98	20.92	22	0	
15	HQAM	50	74	20.94	20.98	20.93	22	0	
15	HQAM	100	0	20.84	20.97	20.95	22	0	
15	HQAM	1	0	20.84	20.97	20.95	22	0	
15	HQAM	1	37	20.89	20.97	20.91	22	0	
15	HQAM	1	74	20.89	20.97	20.91	22	0	
15	HQAM	50	0	20.84	20.98	20.92	22	0	
15	HQAM	50	37	20.83	20.96	20.92	22	0	
15	HQAM	50	74	20.84	20.97	20.92	22	0	
15	HQAM	100	0	20.73	20.90	20.85	22	0	
15	HQAM	1	0	20.73	20.90	20.85	22	0	
15	HQAM	1	37	20.78	20.97	20.92	22	0	
15	HQAM	1	74	20.78	20.97	20.92	22	0	
15	HQAM	50	0	20.68	20.93	20.88	22	0	
15	HQAM	50	37	20.68	20.93	20.88	22	0	
15	HQAM	50	74	20.69	20.97	20.92	22	0	
15	HQAM	100	0	20.58	20.90	20.85	22	0	
15	HQAM	1	0	20.58	20.90	20.85	22	0	
15	HQAM	1	37	20.63	20.99	20.94	22	0	
15	HQAM	1	74	20.63	20.99	20.94	22	0	
15	HQAM	50	0	20.58	20.92	20.87	22	0	
15	HQAM	50	37	20.57	20.94	20.89	22	0	
15	HQAM	50	74	20.58	20.97	20.92	22	0	
15	HQAM	100	0	20.47	20.87	20.82	22	0	
15	HQAM	1	0	20.47	20.87	20.82	22	0	
15	HQAM	1	37	20.52	20.93	20.88	22	0	
15	HQAM	1	74	20.52	20.93	20.88	22	0	
15	HQAM	50	0	20.42	20.88	20.83	22	0	
15	HQAM	50	37	20.42	20.88	20.83	22	0	
15	HQAM	50	74	20.43	20.91	20.86	22	0	
15	HQAM	100	0	20.32	20.80	20.75	22	0	
15	HQAM	1	0	20.32	20.80	20.75	22	0	
15	HQAM	1	37	20.37	20.86	20.81	22	0	
15	HQAM	1	74	20.37	20.86	20.81	22	0	
15	HQAM	50	0	20.22	20.78	20.73	22	0	
15	HQAM	50	37	20.22	20.78	20.73	22	0	
15	HQAM	50	74	20.23	20.80	20.75	22	0	
15	HQAM	100	0	20.12	20.68	20.63	22	0	
15	HQAM	1	0	20.12	20.68	20.63	22	0	
15	HQAM	1	37	20.17	20.67	20.62	22	0	
15	HQAM	1	74	20.17	20.67	20.62	22	0	
15	HQAM	50	0	20.02	20.63	20.58	22	0	
15	HQAM	50	37	20.02	20.63	20.58	22	0	
15	HQAM	50	74	20.03	20.66	20.61	22	0	
15	HQAM	100	0	19.92	20.58	20.53	22	0	
15	HQAM	1	0	19.92	20.58	20.53	22	0	
15	HQAM	1	37	19.97	20.57	20.52	22	0	
15	HQAM	1	74	19.97	20.57	20.52	22	0	
15	HQAM	50	0	19.82	20.53	20.48	22	0	
15	HQAM	50	37	19.82	20.53	20.48	22	0	
15	HQAM	50	74	19.83	20.56	20.51	22	0	
15	HQAM	100	0	19.72	20.50	20.45	22	0	
15	HQAM	1	0	19.72	20.50	20.45	22	0	
15	HQAM	1	37	19.77	20.49	20.44	22	0	
15	HQAM	1	74	19.77	20.49	20.44	22	0	
15	HQAM	50	0	19.62	20.45	20.40	22	0	
15	HQAM	50	37	19.62	20.45	20.40	22	0	
15	HQAM	50	74	19.63	20.50	20.45	22	0	
15	HQAM	100	0	19.52	20.42	20.37	22	0	
15	HQAM	1	0	19.52	20.42	20.37	22	0	
15	HQAM	1	37	19.57	20.41	20.36	22	0	
15	HQAM	1	74	19.57	20.41	20.36	22	0	
15	HQAM	50	0	19.42	20.37	20.32	22	0	
15	HQAM	50	37	19.42	20.37	20.32	22	0	
15	HQAM	50	74	19.43	20.40	20.35	22	0	
15	HQAM	100	0	19.32	20.32	20.27	22	0	
15	HQAM	1	0	19.32	20.32	20.27	22	0	
15	HQAM	1	37	19.37	20.31	20.26	22	0	
15	HQAM	1	74	19.37	20.31	20.26	22	0	
15	HQAM	50	0	19.22	20.27	20.22	22	0	
15	HQAM	50	37	19.22	20.27	20.22	22	0	
15	HQAM	50	74	19.23	20.30	20.25	22	0	
15	HQAM	100	0	19.12	20.22	20.17	22	0	
15	HQAM	1	0	19.12	20.22	20.17	22	0	
15	HQAM	1	37	19.17	20.21	20.16	22	0	
15	HQAM	1	74	19.17	20.21	20.16	22	0	
15	HQAM	50	0	19.02	20.17	20.12	22	0	
15	HQAM	50	37	19.02	20.17	20.12	22	0	
15	HQAM	50	74	19.03	20.20	20.15	22	0	
15	HQAM	100	0	18.92	20.12	20.07	22	0	
15	HQAM	1	0	18.92	20.12	20.07	22	0	
15	HQAM	1	37	18.97	20.11	20.06	22	0	
15	HQAM	1	74	18.97	20.11	20.06	22	0	
15	HQAM	50	0	18.82	20.07	20.02	22	0	
15	HQAM	50	37	18.82	20.07	20.02	22	0	
15	HQAM	50	74	18.83	20.10	20.05	22	0	
15	HQAM	100	0	18.72	20.02	19.97	22	0	
15	HQAM	1	0	18.72	20.02	19.97	22	0	
15	HQAM	1	37	18.77	20.01	19.96	22	0	
15	HQAM	1	74	18.77	20.01	19.96	22	0	
15	HQAM	50	0	18.62	19.97	19.92	22	0	
15	HQAM	50	37	18.62	19.97	19.92	22	0	
15	HQAM	50	74	18.63	20.00	19.95	22	0	
15	HQAM	100	0	18.52	19.92	19.87	22	0	
15	HQAM	1	0	18.52	19.92	19.87	22	0	
15	HQAM	1	37	18.57	19.91	19.86	22	0	
15	HQAM	1	74	18.57	19.91	19.86	22	0	
15	HQAM	50	0	18.42	19.87	19.82	22	0	
15	HQAM	50	37	18.42	19.87	19.82	22	0	
15	HQAM	50	74	18.43	19.90	19.85	22	0	
15	HQAM	100	0	18.32	19.82	19.77	22	0	
15	HQAM	1	0	18.32	19.82	19.77	22	0	
15	HQAM	1	37	18.37	19.81	19.76	22	0	
15	HQAM	1	74	18.37	19.81	19.76	22	0	
15	HQAM	50	0	18.22	19.77	19.72	22	0	
15	HQAM	50	37	18.22	19.77	19.72	22	0	
15	HQAM	50	74	18.23	19.80	19.75	22	0	
15	HQAM	100	0	18.12	19.72	19.67	22	0	
15	HQAM	1	0	18.12	19.72	19.67	22	0	
15	HQAM	1	37	18.17	19.71	19.66	22	0	
15	HQAM	1	74	18.17	19.71	19.66	22	0	
15	HQAM	50	0	18.02	19.67	19.62	22	0	
15	HQAM	50	37	18.02	19.67	19.62	22	0	
15	HQAM	50	74	18.03	19.70	19.65	22	0	
15	HQAM	100	0	17.92	19.62	19.57	22	0	
15	HQAM	1	0	17.92	19.62	19.57	22	0	
15	HQAM	1	37	17.97	19.61	19.56	22	0	
15	HQAM	1	74	17.97	19.61	19.56	22	0	
15	HQAM	50	0	17.82	19.57	19.52	22	0	
15	HQAM	50	37	17.82	19.57	19.52	22	0	
15	HQAM	50	74	17.83	19.60	19.55	22	0	
15	HQAM	100	0	17.72	19.52	19.47	22	0	
15	HQAM	1	0	17.72	19.52	19.47	22	0	
15	HQAM	1	37	17.77	19.51	19.46			

Band 7_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Med Ch / Freq	Power High Ch / Freq	Turnup time (min)	MPR (dB)		
Channel										
Frequency (MHz)				20850	21030	21650				
20	QPSK	1	0	18.17	18.29	18.14				
20	QPSK	1	49	18.11	18.21	18.06	10	0		
20	QPSK	1	99	18.15	18.18	18.07				
20	QPSK	50	0	18.23	18.26	18.21				
20	QPSK	50	24	18.09	18.21	17.98				
20	QPSK	50	99	18.01	18.12	18.13				
20	QPSK	100	0	18.02	18.21	18.02				
20	HQAM	1	0	18.02	18.07	18.02				
20	HQAM	1	49	18.13	18.17	18.02		0		
20	HQAM	1	99	18.03	18.03	18.02				
20	HQAM	50	0	18.03	18.19	18.11				
20	HQAM	50	24	18.04	18.21	18.07		0		
20	HQAM	50	99	18.04	18.16	18.03				
20	HQAM	100	0	18.03	18.13	18.12				
20	HQAM	1	0	18.03	18.19	18.05				
20	HQAM	1	99	18.07	18.07	18.06		0		
20	HQAM	50	0	18.02	18.16	17.97				
20	HQAM	50	24	18.02	18.17	17.98				
20	HQAM	50	99	18.14	18.21	18.06		0		
20	HQAM	100	0	18.03	18.17	18.03				
20	25QAM	1	49	18.08	18.19	17.98				
20	25QAM	1	99	18.10	18.18	18.03				
20	25QAM	50	0	18.06	18.16	18.03				
20	25QAM	50	24	18.10	18.16	18.06		0		
20	25QAM	50	99	18.04	18.18	18.03				
20	25QAM	100	0	18.16	18.21	18.13				
Channel										
Frequency (MHz)				20850	21030	21650	Turnup time (min)	MPR (dB)		
15	QPSK	1	0	18.13	18.26	18.13				
15	QPSK	1	37	18.17	18.08	18.22		0		
15	QPSK	1	74	18.04	18.12	18.13				
15	QPSK	36	0	18.04	17.98	18.13				
15	QPSK	36	20	18.02	18.12	18.14		0		
15	QPSK	36	55	18.07	18.07	18.04				
15	QPSK	75	0	18.11	18.18	18.10				
15	HQAM	1	0	17.92	18.04	18.18				
15	HQAM	1	37	18.02	18.07	18.02				
15	HQAM	1	74	18.08	18.22	18.10				
15	HQAM	36	0	18.07	18.15	18.08				
15	HQAM	36	20	18.04	18.24	18.18		0		
15	HQAM	36	55	18.13	18.06	18.08				
15	HQAM	75	0	17.98	18.01	18.03				
15	HQAM	1	0	17.99	18.07	18.04				
15	HQAM	1	37	18.08	17.99	18.01		0		
15	HQAM	1	74	18.02	18.14	18.04				
15	HQAM	36	0	18.13	18.11	18.12				
15	HQAM	36	20	18.03	18.10	17.98				
15	HQAM	36	55	18.02	18.06	18.03				
15	HQAM	75	0	17.99	18.09	18.12				
15	25QAM	1	0	18.13	18.25	18.15				
15	25QAM	1	37	17.98	18.11	18.08		0		
15	25QAM	1	74	17.99	18.26	18.08				
15	25QAM	36	0	17.95	18.18	18.14				
15	25QAM	36	20	18.06	18.25	18.13		0		
15	25QAM	36	55	18.08	18.07	18.13				
15	25QAM	75	0	18.04	18.15	18.04				
Channel										
Frequency (MHz)				20850	21030	21650	Turnup time (min)	MPR (dB)		
10	QPSK	1	0	18.17	18.29	18.14				
10	QPSK	1	25	18.17	18.00	17.97				
10	QPSK	1	49	18.15	18.17	18.16				
10	QPSK	1	74	18.04	18.12	18.03				
10	QPSK	25	0	18.01	18.02	18.04				
10	QPSK	25	12	18.22	18.12	18.09				
10	QPSK	25	25	18.08	18.03	17.94				
10	QPSK	50	0	18.03	18.16	18.04				
10	QPSK	50	0	18.12	18.10	17.98				
10	HQAM	1	0	18.07	18.02	17.98				
10	HQAM	1	25	18.06	18.13	18.09		0		
10	HQAM	1	49	18.08	18.14	18.08				
10	HQAM	25	0	18.03	18.21	18.03				
10	HQAM	25	12	18.11	18.21	17.95				
10	HQAM	25	25	18.10	18.01	18.03		0		
10	HQAM	50	0	18.17	18.18	17.99				
10	HQAM	1	0	18.03	18.01	18.02				
10	HQAM	1	25	18.07	18.22	18.09		0		
10	HQAM	25	0	18.03	18.21	18.03				
10	HQAM	25	12	18.04	18.15	18.01				
10	HQAM	25	25	18.05	18.19	18.15				
10	HQAM	50	0	18.11	18.24	18.09				
Channel										
Frequency (MHz)				20775	20955	20975.5	Turnup time (min)	MPR (dB)		
5	QPSK	1	0	18.10	18.20	18.08				
5	QPSK	1	12	18.03	18.09	17.93				
5	QPSK	1	24	18.05	18.17	18.07				
5	QPSK	12	0	18.00	17.96	17.98				
5	QPSK	12	7	18.12	18.10	18.01		0		
5	QPSK	12	13	18.13	18.16	17.99				
5	QPSK	25	0	18.08	18.05	18.02				
5	HQAM	1	0	18.12	18.08	17.98				
5	HQAM	1	12	18.08	18.17	18.07		0		
5	HQAM	1	24	18.14	18.16	17.97				
5	HQAM	12	0	18.18	18.13	17.99				
5	HQAM	12	7	18.00	18.09	17.99		0		
5	HQAM	12	13	18.05	18.14	18.03				
5	HQAM	25	0	17.98	18.10	18.04				
5	HQAM	1	0	18.05	18.06	18.01		0		
5	HQAM	1	12	18.06	18.18	18.10				
5	HQAM	1	24	18.03	18.13	17.95				
5	HQAM	12	0	17.99	18.08	18.06				
5	HQAM	12	7	18.06	18.04	18.04				
5	HQAM	12	13	18.06	18.10	18.06		0		
5	HQAM	25	0	18.08	18.18	18.10				
5	25QAM	1	0	18.12	18.22	18.10				
5	25QAM	1	12	18.10	18.20	17.94		0		
5	25QAM	1	24	18.19	18.12	18.09				
5	25QAM	12	0	18.13	18.06	18.11				
5	25QAM	12	7	18.09	18.07	18.01				
5	25QAM	12	13	18.07	18.14	18.09				
5	25QAM	25	0	18.13	18.10	17.95				

Band 7_Ant 8										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Med Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				20550	21050	21550				
20	QPSK	1	0	19.14	19.08	19.15				
20	QPSK	1	99	19.17	19.15	19.05	20.5	0		
20	QPSK	50	0	19.09	19.05	19.12				
20	QPSK	50	24	19.08	19.10	19.04				
20	QPSK	50	99	19.06	19.04	19.08		0		
20	QPSK	100	0	19.09	19.05	19.04				
20	HQAM	1	0	19.12	19.18	19.03				
20	HQAM	1	49	19.04	19.12	19.10		0		
20	HQAM	1	99	19.08	19.01	19.08				
20	HQAM	50	0	19.08	19.17	19.12				
20	HQAM	50	24	19.09	19.04	19.12				
20	HQAM	50	99	19.04	19.05	19.08				
20	HQAM	100	0	19.02	19.09	19.07				
20	HQAM	1	0	19.07	19.19	19.12		0		
20	HQAM	1	99	19.07	19.14	19.10				
20	HQAM	50	0	19.03	19.13	19.02				
20	HQAM	50	24	19.03	19.13	19.02				
20	HQAM	50	99	19.03	19.03	19.14		0		
20	HQAM	100	0	19.05	19.04	19.05				
20	25QAM	1	49	19.23	19.32	19.10		19	1.5	
20	25QAM	1	99	19.18	19.28	19.08				
20	25QAM	50	0	19.20	19.25	19.15				
20	25QAM	50	24	19.21	19.20	19.15				
20	25QAM	100	0	19.07	19.22	19.25				
Channel										
Frequency (MHz)				20575 <th>21075<th>21575<th>Turn-up time (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th></th>	21075 <th>21575<th>Turn-up time (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	21575 <th>Turn-up time (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	Turn-up time (dBm)	MPR (dB)		
15	QPSK	1	0	19.12	19.14	19.14				
15	QPSK	1	97	19.14	19.02	19.02		0		
15	QPSK	50	0	19.07	19.09	19.09				
15	QPSK	50	24	19.14	19.05	19.04				
15	QPSK	50	97	19.07	19.05	19.07				
15	QPSK	100	0	19.08	19.06	19.04				
15	QPSK	78	0	19.08	19.09	19.05		0		
15	HQAM	1	0	19.07	19.08	19.07				
15	HQAM	1	97	19.14	19.08	19.03				
15	HQAM	1	74	19.05	19.13	19.07				
15	HQAM	50	0	19.03	19.12	19.03				
15	HQAM	50	24	19.04	19.01	19.05				
15	HQAM	50	97	19.07	19.08	19.04				
15	HQAM	100	0	19.05	19.06	19.05				
15	HQAM	1	0	19.01	19.05	19.05				
15	HQAM	1	97	19.18	19.08	19.04				
15	HQAM	50	0	19.05	19.06	19.05				
15	HQAM	50	24	19.06	19.04	19.09		0		
15	HQAM	50	97	19.04	19.05	19.08				
15	HQAM	100	0	19.03	19.06	19.06				
15	HQAM	78	0	19.03	19.06	19.06				
15	HQAM	1	0	19.11	19.12	19.05				
15	25QAM	1	97	19.20	19.25	19.17	19	1.5		
15	25QAM	1	74	19.14	19.20	19.18				
15	25QAM	50	0	19.18	19.20	19.18				
15	25QAM	50	24	19.20	19.20	19.18				
15	25QAM	100	0	19.14	19.18	19.18				
Channel										
Frequency (MHz)				20620 <th>21120<th>21620</th><th>Turn-up time (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	21120 <th>21620</th> <th>Turn-up time (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	21620	Turn-up time (dBm)	MPR (dB)		
10	QPSK	1	0	19.14	19.14	19.14				
10	QPSK	1	25	19.02	19.05	19.05	20.5	0		
10	QPSK	1	49	19.05	19.18	19.08				
10	QPSK	50	0	19.03	19.03	19.03				
10	QPSK	50	12	19.07	19.10	19.04				
10	QPSK	25	0	19.04	19.10	19.03				
10	QPSK	25	12	19.08	19.10	19.04				
10	HQAM	1	0	19.02	19.18	19.03				
10	HQAM	1	25	19.03	19.01	19.07				
10	HQAM	50	0	19.03	19.03	19.03				
10	HQAM	50	12	19.03	19.12	19.04		0		
10	HQAM	50	25	19.04	19.10	19.03				
10	HQAM	1	0	19.04	19.18	19.03				
10	HQAM	1	25	19.03	19.01	19.07				
10	HQAM	50	0	19.03	19.03	19.03				
10	HQAM	50	12	19.03	19.12	19.04				
10	HQAM	50	25	19.04	19.10	19.03				
10	HQAM	1	0	19.08	19.17	19.05				
10	25QAM	1	25	19.04	19.12	17.87				
10	25QAM	1	49	19.05	19.08	19.04				
10	25QAM	50	0	19.03	19.03	19.03				
10	25QAM	50	12	19.04	19.07	19.04				
10	25QAM	50	25	19.05	19.17	17.96				
10	25QAM	1	0	19.10	19.17	17.96				
10	25QAM	1	25	19.04	19.12	18.15				
10	25QAM	50	0	19.14	19.15	18.05				
Channel										
Frequency (MHz)				20655 <th>21155<th>21655</th><th>Turn-up time (dBm)</th><th>MPR (dB)</th><th colspan="2"></th></th>	21155 <th>21655</th> <th>Turn-up time (dBm)</th> <th>MPR (dB)</th> <th colspan="2"></th>	21655	Turn-up time (dBm)	MPR (dB)		
5	QPSK	1	0	19.06	19.14	19.14				
5	QPSK	1	12	19.01	19.03	19.02	20.5	0		
5	QPSK	1	49	19.05	19.18	19.08				
5	QPSK	12	0	19.05	19.09	19.02				
5	QPSK	12	7	19.02	19.08	19.15				
5	QPSK	50	0	19.03	19.04	19.03		0		
5	QPSK	24	0	19.04	19.05	19.05				
5	HQAM	1	0	19.01	19.07	19.01				
5	HQAM	1	12	19.03	19.08	19.08				
5	HQAM	12	7	19.01	19.11	19.08				
5	HQAM	12	13	19.07	19.07	19.11				
5	HQAM	1	0	19.01	19.07	19.01				
5	HQAM	1	12	19.06	19.09	19.03				
5	HQAM	12	13	19.11	19.12	19.05				
5	HQAM	25	0	19.01	19.12	19.00				
5	25QAM	1	24	19.18	19.29	18.17				
5	25QAM	1	49	19.14	19.24	18.24				
5	25QAM	12	7	19.08	19.31	18.27				
5	25QAM	12	13	19.04	19.25	18.09				
5	25QAM	25	0	19.15	19.15	18.09				

Band 12_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.09	22.01	22.02	24	0	
10	QPSK	1	25	22.44	22.48	22.45			
10	QPSK	1	49	22.55	22.49	22.43			
10	QPSK	25	0	21.05	21.09	21.03			
10	QPSK	12	0	21.43	21.47	21.43			
10	QPSK	25	25	21.53	21.52	21.40	23	1	
10	QPSK	50	0	21.58	21.56	21.41			
10	HQAM	1	0	21.75	21.77	21.76			
10	HQAM	1	25	21.69	21.70	21.65	23	1	
10	HQAM	1	49	21.76	21.83	21.87			
10	HQAM	25	0	20.55	20.61	20.41			
10	HQAM	25	12	20.50	20.46	20.40	22	2	
10	HQAM	25	25	20.51	20.51	20.59			
10	HQAM	50	0	20.54	20.59	20.59			
10	HQAM	1	0	20.70	20.69	20.66			
10	HQAM	1	25	20.62	20.61	20.52	22	2	
10	HQAM	1	49	20.70	20.55	20.51			
10	HQAM	25	0	19.48	19.48	19.43			
10	HQAM	25	12	19.48	19.48	19.40	21	3	
10	HQAM	25	25	19.53	19.53	19.40			
10	HQAM	50	0	19.54	19.50	19.41			
10	25QAM	1	0	17.45	17.55	17.47			
10	25QAM	1	25	17.51	17.54	17.48	19	5	
10	25QAM	1	49	17.45	17.57	17.55			
10	25QAM	25	0	17.86	17.48	17.45			
10	25QAM	25	12	17.48	17.49	17.42	19	5	
10	25QAM	25	25	17.48	17.49	17.42			
10	25QAM	50	0	17.48	17.49	17.42	Turn-up time (dBm)	MPE (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.50	22.50	22.48	24	0	
5	QPSK	1	12	22.31	22.39	22.35			
5	QPSK	1	24	22.47	22.47	22.34			
5	QPSK	12	0	21.43	21.48	21.52			
5	QPSK	12	7	21.43	21.38	21.28	23	1	
5	QPSK	12	13	21.47	21.47	21.35			
5	QPSK	25	0	21.47	21.49	21.39			
5	HQAM	1	0	21.65	21.63	21.89			
5	HQAM	1	12	21.69	21.67	21.67	23	1	
5	HQAM	1	24	21.68	21.61	21.52			
5	HQAM	12	0	20.51	20.41	20.36			
5	HQAM	12	7	20.36	20.45	20.35	22	2	
5	HQAM	12	13	20.44	20.37	20.38			
5	HQAM	25	0	20.48	20.45	20.33			
5	HQAM	25	0	20.44	20.39	20.58			
5	HQAM	1	12	20.57	20.59	20.54	22	2	
5	HQAM	1	24	20.51	20.51	20.51			
5	HQAM	12	0	19.48	19.33	19.30			
5	HQAM	12	7	19.34	19.40	19.38	21	3	
5	HQAM	12	13	19.42	19.46	19.42			
5	HQAM	25	0	19.39	19.39	19.30			
5	25QAM	1	0	17.51	17.49	17.36	19	5	
5	25QAM	1	12	17.58	17.54	17.41			
5	25QAM	1	24	17.58	17.56	17.43			
5	25QAM	12	0	17.42	17.36	17.43			
5	25QAM	12	7	17.43	17.46	17.42	19	5	
5	25QAM	12	13	17.37	17.38	17.41			
5	25QAM	25	0	17.42	17.59	17.41			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.47	22.51	22.48	24	0	
3	QPSK	1	8	22.52	22.42	22.41			
3	QPSK	1	14	22.48	22.43	22.35			
3	QPSK	8	0	21.48	21.51	21.43			
3	QPSK	8	7	21.40	21.39	21.37	23	1	
3	QPSK	8	7	21.39	21.44	21.36			
3	HQAM	1	0	21.65	21.70	21.73			
3	HQAM	1	8	21.68	21.70	21.73			
3	HQAM	1	8	21.61	21.66	21.50	23	1	
3	HQAM	1	14	21.72	21.78	21.87			
3	HQAM	8	0	20.43	20.30	20.26			
3	HQAM	8	4	20.48	20.36	20.39	22	2	
3	HQAM	8	7	20.42	20.42	20.34			
3	HQAM	16	0	20.52	20.39	20.28			
3	HQAM	1	0	20.51	20.88	20.56			
3	HQAM	1	8	20.59	20.55	20.52	22	2	
3	HQAM	1	14	20.60	20.57	20.47			
3	HQAM	8	0	19.41	19.42	19.31			
3	HQAM	8	4	19.36	19.36	19.29	21	3	
3	HQAM	8	7	19.47	19.45	19.31			
3	HQAM	16	0	19.50	19.39	19.36			
3	25QAM	1	0	17.34	17.54	17.40	19	5	
3	25QAM	1	14	17.38	17.44	17.54			
3	25QAM	8	0	17.48	17.40	17.49			
3	25QAM	8	4	17.43	17.43	17.43	19	5	
3	25QAM	8	7	17.27	17.54	17.38			
3	25QAM	16	0	17.39	17.34	17.30			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.42	22.54	22.43			
1.4	QPSK	1	3	22.37	22.39	22.33			
1.4	QPSK	1	5	22.32	22.35	22.36	24	0	
1.4	QPSK	3	0	22.30	22.44	22.29			
1.4	QPSK	3	1	22.42	22.49	22.38			
1.4	QPSK	3	3	22.31	22.44	22.42			
1.4	QPSK	6	0	21.33	21.42	21.40	23	1	
1.4	HQAM	1	0	21.38	21.43	21.38			
1.4	HQAM	1	3	21.49	21.41	21.33			
1.4	HQAM	1	5	21.27	21.48	21.32			
1.4	HQAM	1	5	21.29	21.48	21.31			
1.4	HQAM	3	1	21.39	21.47	21.41			
1.4	HQAM	3	3	21.38	21.43	21.38			
1.4	HQAM	1	0	20.31	20.40	20.38	22	2	
1.4	HQAM	1	3	20.30	20.48	20.37			
1.4	HQAM	1	5	20.31	20.43	20.30			
1.4	HQAM	3	0	20.29	20.52	20.41			
1.4	HQAM	3	1	20.36	20.43	20.38			
1.4	HQAM	3	3	20.32	20.49	20.36	21	3	
1.4	HQAM	6	0	19.39	19.39	19.29			
1.4	HQAM	6	1	19.41	19.41	19.31			
1.4	25QAM	1	0	17.34	17.50	17.35			
1.4	25QAM	1	14	17.34	17.51	17.39			
1.4	25QAM	1	14	17.34	17.48	17.47	19	5	
1.4	25QAM	3	0	17.30	17.41	17.41			
1.4	25QAM	3	1	17.39	17.53	17.50			
1.4	25QAM	3	3	17.33	17.53	17.50	19	5	

Band 25_Ant 9												
BW (MHz)	Modulation	RB Size	RB Offset	Power Lch / Freq. Ch / Freq.	Power Pch / Freq.	Power SCh / Freq.	Time-Int (sec)	MPE (dB)				
Channel				26140	26360	26590						
Frequency (MHz)												
20	QPSK	1	0	19.95	19.95	19.95						
20	QPSK	1	48	19.87	19.89	19.92	20.5	0				
20	QPSK	1	96	19.88	19.79	19.45						
20	QPSK	36	0	19.95	19.95	19.95						
20	QPSK	80	24	19.95	19.95	19.94	20.5	0				
20	QPSK	160	0	19.95	19.95	19.95						
20	16QAM	1	0	19.95	19.66	19.50						
20	16QAM	1	48	19.95	19.85	19.65	20.5	0				
20	16QAM	1	96	19.95	19.62	19.48						
20	16QAM	36	0	19.95	19.95	19.97						
20	16QAM	80	24	19.95	19.95	19.95	20.5	0				
20	16QAM	160	0	19.95	19.95	19.95						
20	64QAM	1	0	19.95	19.65	19.49						
20	64QAM	1	48	19.84	19.54	19.41						
20	64QAM	1	96	19.85	19.39	19.29						
20	64QAM	36	0	19.93	19.54	19.40						
20	64QAM	80	24	19.94	19.62	19.41	20.5	0				
20	64QAM	160	0	19.95	19.95	19.95						
20	256QAM	1	0	19.95	19.81	19.62						
20	256QAM	1	48	19.91	18.11	17.93						
20	256QAM	1	96	19.91	18.10	17.94	19					
20	256QAM	36	0	19.95	19.95	19.95						
20	256QAM	80	24	19.95	18.08	17.99						
20	256QAM	160	0	19.95	18.07	17.97	19	1.5				
20	256QAM	320	0	19.95	18.07	17.97						
Channel				26114	26360	26515	Time-Int (sec)	MPE (dB)				
Frequency (MHz)												
10	QPSK	1	0	19.91	19.91	19.97						
10	QPSK	1	48	19.91	19.82	19.63	20.5	0				
10	QPSK	1	96	19.91	19.79	19.45						
10	QPSK	1	144	19.94	19.55	19.29						
10	QPSK	36	0	19.95	19.95	19.95						
10	QPSK	80	24	19.94	19.95	19.95	20.5	0				
10	QPSK	160	0	19.95	19.95	19.95						
10	QPSK	320	0	19.95	19.95	19.95						
10	16QAM	1	0	19.91	19.45	19.49						
10	16QAM	1	48	19.83	19.43	19.33	20.5	0				
10	16QAM	1	96	19.84	19.41	19.31						
10	16QAM	36	0	19.91	19.54	19.47						
10	16QAM	80	24	19.93	19.64	19.47	20.5	0				
10	16QAM	160	0	19.95	19.95	19.95						
10	16QAM	320	0	19.95	19.92	19.37						
10	16QAM	640	0	19.94	19.62	19.37	20.5	0				
10	256QAM	1	0	19.95	19.95	19.95						
10	256QAM	1	48	19.96	18.08	17.82						
10	256QAM	1	96	19.96	18.11	17.85	19	1.5				
10	256QAM	1	144	19.94	18.07	17.89						
10	256QAM	36	0	19.95	18.07	17.97						
10	256QAM	80	24	19.95	18.07	17.97						
10	256QAM	160	0	19.95	18.07	17.97	19	1.5				
10	256QAM	320	0	19.95	18.07	17.97						
10	256QAM	640	0	19.95	18.03	17.83						
Channel				26095	26360	26595	Time-Int (sec)	MPE (dB)				
Frequency (MHz)												
10	QPSK	1	0	19.92	19.92	19.93						
10	QPSK	1	48	19.9	19.8	19.8	20.5	0				
10	QPSK	1	96	19.88	19.78	19.48						
10	QPSK	1	144	19.93	19.51	19.44						
10	QPSK	36	0	19.95	19.95	19.95						
10	QPSK	80	24	19.94	19.95	19.95	20.5	0				
10	QPSK	160	0	19.95	19.95	19.95						
10	QPSK	320	0	19.95	19.95	19.95						
10	16QAM	1	0	19.93	19.45	19.57						
10	16QAM	1	48	19.83	19.43	19.33	20.5	0				
10	16QAM	1	96	19.84	19.41	19.31						
10	16QAM	36	0	19.91	19.54	19.47						
10	16QAM	80	24	19.93	19.64	19.47	20.5	0				
10	16QAM	160	0	19.95	19.95	19.95						
10	16QAM	320	0	19.95	19.92	19.37						
10	16QAM	640	0	19.94	19.62	19.37	20.5	0				
10	256QAM	1	0	19.95	19.95	19.95						
10	256QAM	1	48	19.96	18.08	17.82						
10	256QAM	1	96	19.96	18.11	17.85	19	1.5				
10	256QAM	1	144	19.94	18.07	17.89						
10	256QAM	36	0	19.95	18.07	17.97						
10	256QAM	80	24	19.95	18.07	17.97						
10	256QAM	160	0	19.95	18.07	17.97	19	1.5				
10	256QAM	320	0	19.95	18.07	17.97						
10	256QAM	640	0	19.95	18.03	17.83						
Channel				26095	26360	26595	Time-Int (sec)	MPE (dB)				
Frequency (MHz)												
1.4	QPSK	1	0	19.44	19.48	19.33						
1.4	QPSK	1	3	19.31	19.37	19.34	20.5	0				
1.4	QPSK	1	6	19.41	19.47	19.43						
1.4	QPSK	3	0	19.44	19.51	19.44						
1.4	QPSK	8	0	19.45	19.36	19.43						
1.4	QPSK	16	0	19.47	19.37	19.42	20.5	0				
1.4	QPSK	32	0	19.43	19.50	19.34						
1.4	16QAM	1	0	19.41	19.38	19.40	20.5	0				
1.4	16QAM	1	3	19.37	19.31	19.36						
1.4	16QAM	1	6	19.43	19.42	19.34	20.5	0				
1.4	16QAM	3	0	19.42	19.35	19.36						
1.4	16QAM	8	0	19.43	19.43	19.43						
1.4	16QAM	16	0	19.46	19.40	19.33	20.5	0				
1.4	16QAM	32	0	19.41	19.42	19.42						
1.4	64QAM	1	0	19.43	19.37	19.45						
1.4	64QAM	1	3	19.31	19.35	19.41						
1.4	64QAM	1	6	19.41	19.42	19.42	20.5	0				
1.4	64QAM	3	0	19.45	19.36	19.41						
1.4	64QAM	8	0	19.43	19.43	19.43						
1.4	64QAM	16	0	19.42	19.32	19.40						
1.4	64QAM	32	0	19.41	19.32	19.40	20.5	0				
1.4	256QAM	1	0	19.41	17.89	17.81						
1.4	256QAM	1	3	17.87	17.87	17.87	19	1.5				
1.4	256QAM	1	6	17.81	17.84	17.95						
1.4	256QAM	3	0	17.91	17.88	17.87						
1.4	256QAM	8	0	17.84	17.82	17.82	19					

[illegible]

Band 26(FCC) Ant 1												
RF	Modulation	RB Size	RB Offset	Power (mW)	Power (mW)	Power (mW)	Turn-on (dBm)	APR (dB)				
									Ch1	Ch2	Ch3	
Channel									26165	26665	26665	
Frequency (MHz)									26165	26665	26665	
14	QPSK	1	0	22.83	22.83	22.83	24	0				
14	QPSK	1	37	22.81	22.43	22.43	24	0				
14	QPSK	1	74	22.46	22.44	22.44	24	0				
14	QPSK	36	0	21.95	21.95	21.95	23	1				
14	QPSK	36	36	20.154	21.42	21.46	24	0				
14	QPSK	36	59	21.51	21.30	21.30	24	0				
14	QPSK	75	25	21.58	21.38	21.45	24	0				
14	16QAM	1	0	21.77	21.78	21.65	24	0				
14	16QAM	1	37	21.92	21.73	21.69	24	0				
14	16QAM	1	74	21.72	21.80	21.81	24	0				
14	16QAM	36	0	20.59	20.32	20.32	24	0				
14	16QAM	36	36	20.59	20.32	20.32	24	0				
14	16QAM	36	59	20.53	20.52	20.58	24	2				
14	16QAM	75	0	20.55	20.52	20.60	24	0				
14	16QAM	75	25	20.73	20.58	20.53	24	0				
14	16QAM	1	37	20.51	20.79	20.60	24	0				
14	64QAM	1	74	20.66	20.64	20.65	24	0				
14	64QAM	36	0	19.67	19.67	19.67	24	0				
14	64QAM	36	20	19.61	19.47	19.50	24	0				
14	64QAM	36	59	19.56	19.54	19.41	24	0				
14	64QAM	36	74	19.54	19.51	19.45	24	0				
14	256QAM	1	0	17.37	17.50	17.41	19	5				
14	256QAM	1	37	17.31	17.40	17.32	19	5				
14	256QAM	1	74	17.41	17.34	17.42	19	5				
14	256QAM	36	0	17.40	17.52	17.32	19	5				
14	256QAM	36	36	17.31	17.42	17.32	19	5				
14	256QAM	36	59	17.41	17.49	17.38	19	5				
14	256QAM	75	0	17.33	17.42	17.34	19	5				
Channel									26165	26665	26665	
Frequency (MHz)									831.5	831.5	846.5	
14	QPSK	1	0	22.89	22.81	22.29	24	0				
14	QPSK	1	25	22.45	22.32	22.28	24	0				
14	QPSK	1	49	22.45	22.37	22.33	24	0				
14	QPSK	25	0	21.47	21.87	21.84	24	0				
14	QPSK	25	12	21.53	21.31	21.34	24	0				
14	QPSK	25	25	21.48	21.39	21.39	24	0				
14	QPSK	50	0	21.42	21.52	21.44	24	0				
14	QPSK	50	12	21.39	21.51	21.53	24	0				
14	16QAM	1	25	21.83	21.71	21.65	24	0				
14	16QAM	1	49	21.68	21.83	21.87	24	0				
14	16QAM	1	74	21.68	21.83	21.87	24	0				
14	16QAM	25	0	20.47	20.37	20.48	24	2				
14	16QAM	25	12	20.44	20.37	20.48	24	2				
14	16QAM	50	0	20.58	20.54	20.60	24	2				
14	16QAM	50	12	20.56	20.54	20.57	24	2				
14	64QAM	25	0	19.44	19.40	19.48	24	0				
14	64QAM	25	12	19.55	19.34	19.38	24	0				
14	64QAM	50	0	19.41	19.47	19.47	24	0				
14	64QAM	50	12	19.47	19.41	19.38	24	0				
14	256QAM	1	0	17.46	17.46	17.38	19	5				
14	256QAM	1	25	17.38	17.34	17.42	19	5				
14	256QAM	1	49	17.39	17.37	17.32	19	5				
14	256QAM	1	74	17.47	17.46	17.37	19	5				
14	256QAM	36	0	17.40	17.52	17.32	19	5				
14	256QAM	36	36	17.31	17.42	17.32	19	5				
14	256QAM	36	59	17.41	17.49	17.38	19	5				
14	256QAM	75	0	17.33	17.42	17.34	19	5				
Channel									26165	26665	26665	
Frequency (MHz)									831.5	831.5	846.5	
14	QPSK	1	0	22.81	22.83	22.83	24	0				
14	QPSK	1	37	22.83	22.81	22.81	24	0				
14	QPSK	1	74	22.82	22.82	22.82	24	0				
14	QPSK	36	0	22.32	22.32	22.32	24	0				
14	QPSK	36	36	22.32	22.43	22.43	24	0				
14	QPSK	36	59	22.32	22.44	22.53	24	0				
14	QPSK	75	0	22.32	22.45	22.45	24	0				
14	QPSK	75	25	21.38	21.41	21.28	23	1				
14	16QAM	1	0	21.38	21.38	21.38	23	1				
14	16QAM	1	37	21.39	21.34	21.36	23	1				
14	16QAM	1	74	21.38	21.45	21.45	23	1				
14	16QAM	36	0	20.32	20.32	20.32	23	1				
14	16QAM	36	36	20.32	20.32	20.32	23	1				
14	16QAM	36	59	20.32	20.32	20.32	23	1				
14	16QAM	75	0	20.32	20.32	20.32	23	1				
14	16QAM	75	25	20.32	20.32	20.32	23	1				
14	64QAM	1	0	19.32	19.34	19.39	21	3				
14	64QAM	1	37	19.32	19.34	19.39	21	3				
14	64QAM	1	74	19.32	19.34	19.39	21	3				
14	64QAM	36	0	19.32	19.34	19.39	21	3				
14	64QAM	36	36	19.32	19.34	19.39	21	3				
14	64QAM	36	59	19.32	19.34	19.39	21	3				
14	64QAM	75	0	19.32	19.34	19.39	21	3				
14	64QAM	75	25	19.32	19.34	19.39	21	3				
14	256QAM	1	0	17.28	17.36	17.37	19	5				
14	256QAM	1	37	17.28	17.36	17.37	19	5				
14	256QAM	1	74	17.28	17.36	17.37	19	5				
14	256QAM	36	0	17.28	17.36	17.37	19	5				
14	256QAM	36	36	17.28	17.36	17.37	19	5				
14	256QAM	36	59	17.28	17.36	17.37	19	5				
14	256QAM	75	0	17.28	17.36	17.37	19	5				
14	256QAM	75	25	17.28	17.36	17.37	19	5				

Band 66_Ant 2											
RW [MHz]	Modulation	RIS Size	RIS Offset	Ch Power [Ch/Freq]	Ch Power [Ch/Freq]	Ch Power [Ch/Freq]	Ch Power [Ch/Freq]	Turn-up time (sec)	Turn-up time (sec)	Turn-up time (sec)	Turn-up time (sec)
Channel											
13072 13072 13072											
20	QPSK	1	0	19.72	17.15	17.15	17.15				
20	QPSK	1	49	19.87	19.86	19.86	19.86				
20	QPSK	50	0	19.85	20.02	19.87	19.87				
20	QPSK	50	24	19.87	19.86	19.87	19.88				
20	QPSK	50	49	19.87	19.86	19.86	19.86				
20	QPSK	100	0	19.79	19.94	19.75	19.75				
20	16QAM	1	0	19.92	19.97	19.95	19.95				
20	16QAM	1	49	19.93	19.98	19.96	19.96				
20	16QAM	1	99	19.98	20.01	19.98	19.98				
20	16QAM	50	0	19.86	19.97	19.95	19.95				
20	16QAM	50	24	19.87	19.96	19.95	19.95				
20	16QAM	50	49	19.87	19.96	19.95	19.95				
20	16QAM	50	99	19.93	19.97	19.91	19.91				
20	16QAM	100	0	19.88	19.97	19.95	19.95				
20	16QAM	100	50	19.92	20.01	19.98	19.98				
20	16QAM	1	49	19.93	20.05	19.87	19.87				
20	16QAM	1	99	19.98	20.01	19.98	19.98				
20	16QAM	50	0	19.85	19.97	19.91	19.91				
20	16QAM	50	24	19.94	20.08	19.98	19.98				
20	16QAM	50	49	19.93	20.05	19.98	19.98				
20	16QAM	50	99	19.93	19.98	19.95	19.95				
20	16QAM	1	0	17.91	17.98	17.94	17.94				
20	16QAM	1	49	17.92	17.94	17.91	17.91				
20	16QAM	50	0	17.81	17.84	17.78	17.78				
20	16QAM	50	24	17.81	17.84	17.78	17.78				
20	16QAM	100	0	17.94	18.03	17.91	17.91				
Channel											
13072 13072 13072											
15	QPSK	1	0	17.17	17.45	17.72	17.5				
15	QPSK	1	0	19.82	20.00	19.88	19.88				
15	QPSK	1	1	19.83	20.01	19.91	19.91				
15	QPSK	1	74	19.82	19.90	19.81	19.81				
15	QPSK	36	0	19.83	19.88	19.83	19.83				
15	QPSK	36	1	19.83	19.88	19.83	19.83				
15	QPSK	36	39	19.84	19.87	19.83	19.83				
15	16QAM	75	0	19.86	20.00	19.88	19.88				
15	16QAM	1	0	19.83	19.88	19.83	19.83				
15	16QAM	36	0	19.88	19.86	19.84	19.84				
15	16QAM	36	25	19.89	19.83	19.81	19.81				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.93	19.98	19.93	19.93				
15	16QAM	1	0	19.82	19.91	19.81	19.81				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				
15	16QAM	36	39	19.84	19.82	19.81	19.81				
15	16QAM	75	0	19.85	19.9	19.85	19.85				
15	16QAM	1	0	19.82	19.92	19.82	19.82				
15	16QAM	1	74	19.82	19.98	19.81	19.81				
15	16QAM	36	0	19.86	19.88	19.83	19.83				

Band 66_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power (mW) Ch. 1	Power (mW) Ch. 2	Power (mW) Ch. 3	Power (mW) Ch. 4	Time-up (s)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	13072	13252	132672				
20	QPSK	1	0	171.5	174.5	177.5				
20	QPSK	1	48	21.06	21.30	21.10		22		
20	QPSK	50	96	21.22	21.22	21.05				
20	QPSK	50	96	21.31	21.31	21.08				
20	QPSK	50	24	21.05	21.24	21.14				
20	QPSK	100	0	20.87	20.88	20.89		22		
20	QPSK	100	0	21.05	21.22	21.10				
20	16QAM	1	0	21.18	21.27	20.97				
20	16QAM	50	96	20.87	20.88	20.89		22		
20	16QAM	1	96	21.14	21.20	21.13				
20	16QAM	50	0	20.81	20.77	20.79				
20	16QAM	100	0	20.75	20.75	20.73		22		
20	16QAM	50	96	20.80	20.85	20.78				
20	16QAM	100	0	20.87	20.74	20.64				
20	16QAM	100	0	20.88	20.88	20.88		22		
20	16QAM	1	48	20.82	20.90	20.73				
20	16QAM	50	96	20.81	20.81	20.81		22		
20	16QAM	50	0	20.77	20.85	20.75				
20	16QAM	50	24	19.87	19.95	19.78				
20	16QAM	100	0	19.78	19.82	19.82		22		
20	16QAM	100	0	19.78	19.88	19.54				
20	256QAM	1	0	17.82	17.86	17.71		19		
20	256QAM	50	96	17.71	17.74	17.71				
20	256QAM	1	96	17.83	17.89	17.87				
20	256QAM	50	0	17.81	17.80	17.89		22		
20	256QAM	50	96	17.88	17.88	17.88				
20	256QAM	50	0	17.87	17.80	17.88				
20	256QAM	100	0	17.79	17.79	17.79		22		
Channel										
Frequency (MHz)										
15	QPSK	1	0	13004	13236	132697		Time-up (s)		
15	QPSK	1	0	171.6	174.6	177.6				
15	QPSK	1	48	21.09	21.25	21.14				
15	QPSK	50	96	21.21	21.21	21.05				
15	QPSK	1	74	21.15	21.17	21.09				
15	QPSK	50	0	20.96	21.02	21.00		22		
15	QPSK	50	96	21.07	21.07	21.00				
15	QPSK	50	36	20.84	21.11	21.12				
15	16QAM	1	0	20.90	21.15	20.95				
15	16QAM	50	96	21.06	21.06	21.00		22		
15	16QAM	1	96	21.07	21.07	21.07				
15	16QAM	50	0	20.53	20.74	20.58				
15	16QAM	50	96	20.81	20.71	20.69				
15	16QAM	50	0	20.75	20.75	20.75		22		
15	16QAM	75	0	20.87	20.75	20.56				
15	16QAM	1	0	20.87	20.83	20.75				
15	16QAM	1	96	20.78	20.78	20.78		22		
15	16QAM	1	74	20.73	20.73	20.75				
15	16QAM	36	0	19.61	19.74	19.64				
15	16QAM	36	96	19.61	19.67	19.67		22		
15	16QAM	36	36	19.57	19.72	19.55				
15	16QAM	50	74	19.62	19.62	19.62		22		
15	256QAM	1	0	17.70	17.79	17.59				
15	256QAM	1	37	17.62	17.65	17.73		22		
15	256QAM	50	96	17.64	17.65	17.65				
15	256QAM	50	0	17.68	17.79	17.65				
15	256QAM	50	96	17.68	17.68	17.68		22		
15	256QAM	50	0	17.71	17.75	17.65				
15	256QAM	75	0	17.55	17.78	17.56				
Channel										
Frequency (MHz)										
10	QPSK	1	0	13102	13252	132622		Time-up (s)		
10	QPSK	1	0	171.7	174.7	177.7				
10	QPSK	1	25	21.06	21.25	21.15				
10	QPSK	12	0	21.21	21.21	21.05				
10	QPSK	25	0	20.87	21.03	21.04				
10	QPSK	25	12	20.91	20.88	21.04		22		
10	QPSK	25	0	21.00	21.00	21.00				
10	QPSK	60	0	20.90	21.09	21.13				
10	16QAM	1	0	20.96	21.18	21.08				
10	16QAM	1	25	21.13	21.13	21.08		22		
10	16QAM	1	48	21.04	21.09	21.11				
10	16QAM	1	74	20.73	20.73	20.73		22		
10	16QAM	25	12	20.52	20.67	20.60				
10	16QAM	25	25	20.58	20.83	20.67				
10	16QAM	25	0	20.67	20.85	20.63		22		
10	16QAM	1	8	20.80	20.71	20.73				
10	16QAM	1	25	20.87	20.73	20.73				
10	16QAM	25	0	20.75	20.75	20.75		22		
10	16QAM	25	0	19.64	19.63	19.73				
10	16QAM	25	12	19.75	19.71	19.71				
10	16QAM	25	12	19.63	19.68	19.74		22		
10	16QAM	50	0	19.69	19.74	19.75				
10	16QAM	50	0	19.71	19.71	19.71		22		
10	256QAM	1	25	17.53	17.55	17.53				
10	256QAM	1	48	17.58	17.68	17.68		22		
10	256QAM	25	12	17.64	17.64	17.72				
10	256QAM	25	12	17.68	17.67	17.72				
10	256QAM	25	12	17.68	17.77	17.70		22		
10	256QAM	50	74	17.62	17.62	17.62		22		
Channel										
Frequency (MHz)										
3	QPSK	1	0	13119	13252	132647		Time-up (s)		
3	QPSK	1	0	171.7	174.7	177.7				
3	QPSK	1	12	21.01	21.01	21.04				
3	QPSK	1	24	21.01	21.19	21.05				
3	QPSK	12	0	21.00	21.00	21.00		22		
3	QPSK	12	7	20.91	21.13	21.14				
3	QPSK	12	13	20.96	21.17	21.09				
3	QPSK	25	0	21.00	21.00	21.00		22		
3	16QAM	1	0	21.05	21.18	21.08				
3	16QAM	1	12	21.18	21.20	21.05				
3	16QAM	1	24	21.07	21.07	21.05		22		
3	16QAM	12	0	20.72	20.72	20.67				
3	16QAM	12	13	20.67	20.72	20.67				
3	16QAM	25	0	20.77	20.77	20.68		22		
3	16QAM	25	0	20.79	20.79	20.79				
3	16QAM	1	12	20.70	20.81	20.55				
3	16QAM	1	24	20.64	20.69	20.64		22		
3	16QAM	12	0	19.61	19.67	19.67				
3	16QAM	12	7	19.70	19.78	19.65				
3	16QAM	12	13	19.75	19.72	19.74		22		
3	16QAM	25	0	19.61	19.78	19.61				
3	16QAM	25	0	19.59	20.71	19.75				
3	16QAM	25	0	19.58	20.75	19.75		22		
3	16QAM	1	8	20.88	20.74	20.78				
3	16QAM	1	14	20.87	20.87	20.74		22		
3	16QAM	1	14	20.57	20.83	20.70				
3	16QAM	1	14	20.72	20.83	20.70		22		
3	16QAM	1	8	19.81	19.71	19.69				
3	16QAM	1	8	19.84	19.78	19.67		22		
3	16QAM	15	0	19.88	19.75	19.77				
3	16QAM	15	0	19.81	19.82	19.72		22		
3	16QAM	1	8	17.52	17.74	17.70				
3	256QAM	1	14	17.41	17.41	17.71				
3	256QAM	1	14	17.51	17.51	17.71		22		
3	256QAM	1	8	17.51	17.74	17.71				
3	256QAM	1	8	17.51	17.71	17.71		22		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	13199	13252	132665		Time-up (s)		
1.4	QPSK	1	0	171.9	174.9	177.9				
1.4	QPSK	1	3	21.01	21.01	21.09				
1.4	QPSK	1	3	21.06	20.98	21.01		22		
1.4	QPSK	1	3	20.98	21.08	21.04				
1.4	QPSK	3	1	21.08	20.98	21.04				
1.4	QPSK	3	1	21.07	20.97	21.07		22		
1.4	QPSK	6	0	20.90	21.00	21.10				
1.4	16QAM	1	0	20.97	20.99	21.00				
1.4	16QAM	1	3	21.02	21.05	21.00		22		
1.4	16QAM	1	3	20.98	20.97	21.08				
1.4	16QAM	3	0	21.01	20.99	21.03				
1.4	16QAM	3	0	21.01	20.98	21.04		22		
1.4	16QAM	3	0	20.97	20.98	21.04				
1.4	16QAM	1	3	20.91	20.98	20.93				
1.4	16QAM	1	3	20.88	20.94	20.92		22		
1.4	16QAM	1	3	20.87	20.96	20.93				
1.4	16QAM	3	0	20.94	20.93	20.94		22		
1.4	16QAM	3	0	20.91	20.82	20.89				
1.4	16QAM	3	0	20.82	20.81	20.81		22		
1.4	16QAM	3	0	19.88	19.88	19.91		21		
1.4	256QAM	1	0	17.60	17.63	17.67				
1.4	256QAM	1	3	17.63	17.63	17.67		22		
1.4	256QAM	1	3	17.60	17.61	17.67				
1.4	256QAM	3	0	17.58	17.60	17.62				
1.4	256QAM	3	0	17.61	17.60	17.62		22		
1.4	256QAM	3	0	17.61	17.70	17.60				

Band 66_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Meds Ch / Freq	Power High Ch / Freq	Turn-up time (sec)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	23.03	23.05	23.06			
20	QPSK	1	49	23.04	23.09	23.08	24	0	
20	QPSK	1	99	22.99	22.83	22.86			
20	QPSK	50	0	22.99	22.85	22.85			
20	QPSK	50	24	21.87	21.86	21.86			
20	QPSK	50	50	21.91	21.86	22.01	23	1	
20	QPSK	100	0	21.96	22.04	22.05			
20	16QAM	1	0	22.24	22.26	22.26			
20	16QAM	1	49	22.15	22.16	22.23	23	1	
20	16QAM	1	99	22.14	22.05	22.30			
20	16QAM	50	0	20.99	20.95	21.07			
20	16QAM	50	24	20.97	20.91	21.04	22	2	
20	16QAM	50	50	20.93	20.87	21.03			
20	16QAM	100	0	20.95	20.93	21.03			
20	64QAM	1	0	21.12	21.12	21.40			
20	64QAM	1	49	21.06	21.02	21.17	22	2	
20	64QAM	1	99	21.08	20.95	21.15			
20	64QAM	50	0	20.92	19.88	20.95			
20	64QAM	50	24	19.86	19.83	20.05			
20	64QAM	50	50	19.84	19.85	20.04	21	3	
20	64QAM	100	0	19.87	19.82	20.05			
20	256QAM	1	0	17.93	17.92	17.90			
20	256QAM	1	49	17.88	17.83	17.88	19	5	
20	256QAM	1	99	17.88	17.91	17.77			
20	256QAM	50	0	17.90	17.83	17.88			
20	256QAM	50	24	17.91	17.87	17.80	19	5	
20	256QAM	50	50	17.87	17.87	17.80			
20	256QAM	100	0	17.89	17.91	17.79			
Channel									
Frequency (MHz)									
15	QPSK	1	0	23.01	23.02	22.98			
15	QPSK	1	37	22.98	22.77	22.84	24	0	
15	QPSK	1	74	22.88	22.69	22.86			
15	QPSK	36	24	21.87	21.84	21.82			
15	QPSK	36	20	21.96	21.75	21.94	23	1	
15	QPSK	36	16	21.86	21.86	21.86			
15	QPSK	75	0	21.81	21.82	21.82			
15	16QAM	1	0	22.11	22.35	22.14			
15	16QAM	1	37	22.03	21.79	22.03	23	1	
15	16QAM	1	74	22.10	21.90	22.27			
15	16QAM	36	0	20.93	20.85	20.88			
15	16QAM	36	20	20.85	20.82	20.88	22	2	
15	16QAM	36	39	20.81	20.85	20.88			
15	16QAM	75	0	20.88	20.82	20.87			
15	64QAM	1	0	21.01	21.11	21.39			
15	64QAM	1	37	21.03	21.00	21.02	22	2	
15	64QAM	1	74	21.06	21.07	21.09			
15	64QAM	36	0	19.88	19.87	19.91			
15	64QAM	36	20	19.89	19.80	20.03	21	3	
15	64QAM	36	39	19.85	19.85	19.85			
15	64QAM	75	0	19.91	19.85	20.03			
15	256QAM	1	0	17.87	17.79	17.76			
15	256QAM	1	37	17.78	17.83	17.79	19	5	
15	256QAM	1	74	17.84	17.81	17.72			
15	256QAM	36	0	17.87	17.81	17.88			
15	256QAM	36	20	17.88	17.83	17.79	19	5	
15	256QAM	36	39	17.79	17.85	17.86			
15	256QAM	75	0	17.81	17.77	17.84			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.95	22.97	22.97			
10	QPSK	1	20	22.93	22.77	22.88	24	0	
10	QPSK	1	49	22.77	22.67	22.81			
10	QPSK	25	0	21.86	21.90	21.88			
10	QPSK	25	13	21.83	21.78	21.89	23	1	
10	QPSK	25	25	21.88	21.72	21.82			
10	QPSK	50	0	21.87	21.99	21.86			
10	16QAM	1	0	22.13	22.28	22.12			
10	16QAM	1	25	22.07	22.15	22.21	23	1	
10	16QAM	1	49	22.10	21.98	22.10			
10	16QAM	25	0	20.87	20.89	20.88			
10	16QAM	25	12	20.95	20.90	21.00	22	2	
10	16QAM	25	25	20.84	20.78	20.93			
10	16QAM	50	0	20.80	20.90	21.02			
10	64QAM	1	0	21.11	20.98	21.30			
10	64QAM	1	25	21.03	21.00	21.05	22	2	
10	64QAM	1	49	21.05	20.88	21.07			
10	64QAM	25	0	19.89	19.92	19.88			
10	64QAM	25	12	19.84	19.83	19.85	21	3	
10	64QAM	25	25	19.84	19.74	20.02			
10	64QAM	50	0	19.85	19.83	19.85			
10	256QAM	1	0	17.87	17.91	17.85			
10	256QAM	1	25	17.74	17.79	17.80	19	5	
10	256QAM	1	49	17.80	17.80	17.79			
10	256QAM	25	0	17.82	17.82	17.76			
10	256QAM	25	12	17.84	17.80	17.78	19	5	
10	256QAM	25	25	17.84	17.80	17.75			
10	256QAM	50	0	17.80	17.78	17.74			
Channel									
Frequency (MHz)									
5	QPSK	1	0	23.02	23.01	23.05			
5	QPSK	1	12	22.92	22.87	22.85	24	0	
5	QPSK	1	24	22.84	22.85	22.85			
5	QPSK	12	0	21.90	22.03	21.89			
5	QPSK	12	7	21.82	21.75	21.89	23	1	
5	QPSK	12	14	21.87	21.75	21.77			
5	QPSK	25	0	21.90	21.89	21.89			
5	16QAM	1	0	22.10	22.24	22.13			
5	16QAM	1	12	22.04	22.13	22.15	23	1	
5	16QAM	1	24	21.99	22.04	22.10			
5	16QAM	12	0	20.95	20.85	20.92			
5	16QAM	12	7	20.90	20.83	20.92	22	2	
5	16QAM	12	13	20.79	20.73	21.00			
5	16QAM	25	0	20.81	20.83	20.93			
5	64QAM	1	0	20.97	21.08	21.29			
5	64QAM	1	12	20.94	21.00	21.12	22	2	
5	64QAM	1	24	20.88	20.86	21.08			
5	64QAM	12	0	19.88	19.86	19.83			
5	64QAM	12	7	19.81	19.78	19.94	21	3	
5	64QAM	12	13	19.85	19.83	19.87			
5	64QAM	25	0	19.83	19.77	19.93			
5	256QAM	1	0	17.78	17.78	17.74			
5	256QAM	1	12	17.81	17.75	17.85	19	5	
5	256QAM	1	24	17.80	17.80	17.80			
5	256QAM	12	7	17.87	17.83	17.73	19	5	
5	256QAM	12	13	17.80	17.85	17.80			
5	256QAM	25	0	17.78	17.88	17.71			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.88	22.89	22.89			
1.4	QPSK	1	3	22.82	22.80	22.79	24	0	
1.4	QPSK	1	5	22.84	22.84	22.77			
1.4	QPSK	3	0	22.78	22.87	22.72			
1.4	QPSK	3	2	22.76	22.85	22.85			
1.4	QPSK	3	22.78	22.85	22.80				
1.4	QPSK	6	0	21.84	21.84	21.79	23	1	
1.4	16QAM	1	0	21.81	21.86	21.71			
1.4	16QAM	1	3	21.81	21.80	21.76			
1.4	16QAM	1	5	21.83	21.84	21.76	23	1	
1.4	16QAM	3	0	21.75	21.91	21.81			
1.4	16QAM	3	1	21.74	21.93	21.71			
1.4	16QAM	3	3	21.79	21.84	21.84			
1.4	16QAM	6	0	20.73	20.88	20.88	22	2	
1.4	64QAM	1	0	20.77	20.92	20.81			
1.4	64QAM	1	3	20.76	20.91	20.81			
1.4	64QAM	3	0	20.87	20.85	20.71	22	2	
1.4	64QAM	3	3	20.87	20.88	20.80			
1.4	64QAM	6	0	19.83	19.84	19.80	21	3	
1.4	256QAM	1	0	17.83	17.85	17.84			
1.4	256QAM	1	3	17.75	17.86	17.85			
1.4	256QAM	1	5	17.82	17.80	17.77	19	5	
1.4	256QAM	3	0	17.74	17.80	17.81			
1.4	256QAM	3	1	17.80	17.80	17.80			
1.4	256QAM	3	1	17.80	17.80	17.80			
1.4	256QAM	6	0	17.76	17.85	17.80	19	5	

Band 71_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Meds Ch / Freq	Power High Ch / Freq	Turn-up time (sec)	MPE (dB)			
Channel											
Frequency (MHz)				133222	133267	133372					
20	QPSK	1	0	671	680	688					
20	QPSK	1	49	22.89	23.00	23.00	24	0			
20	QPSK	1	99	22.81	22.99	22.91					
20	QPSK	50	0	21.85	21.98	21.92			23		
20	QPSK	50	24	21.81	21.90	21.86					
20	QPSK	50	49	21.85	21.98	21.92					
20	HQAM	1	0	21.81	22.01	21.86					
20	HQAM	1	49	21.80	22.00	21.86					
20	HQAM	1	99	21.85	22.00	21.86			23		
20	HQAM	50	0	20.94	20.87	20.86					
20	HQAM	50	24	20.95	20.86	20.86					
20	HQAM	50	49	20.85	20.95	20.85			22		
20	HQAM	100	0	20.92	20.90	20.86					
20	HQAM	100	50	20.92	20.88	20.87					
20	HQAM	1	49	20.91	20.95	20.85			22		
20	HQAM	1	99	20.92	20.88	20.87					
20	HQAM	50	0	19.91	19.95	19.91			21		
20	HQAM	50	24	19.90	19.97	19.91					
20	HQAM	50	49	19.83	19.91	19.86					
20	HQAM	100	0	19.85	19.90	19.86					
20	HQAM	1	49	17.91	17.90	17.97			19		
20	HQAM	1	99	17.94	17.90	17.97					
20	HQAM	50	0	17.83	17.88	17.85					
20	HQAM	50	24	17.84	17.89	17.85					
20	HQAM	50	49	17.91	17.97	17.88					
20	HQAM	100	0	17.92	17.89	17.88					
Frequency (MHz)										Turn-up time (sec)	MPE (dB)
15	QPSK	1	0	671.5	680.5	688.5					
15	QPSK	1	49	22.87	22.92	22.89			24	0	
15	QPSK	1	99	22.80	22.88	22.81					
15	QPSK	50	0	21.87	21.88	21.87					
15	QPSK	50	24	21.72	21.98	21.80					
15	QPSK	50	49	21.81	21.91	21.84					
15	QPSK	99	0	21.76	21.84	21.82					
15	HQAM	1	0	21.73	21.84	21.73					
15	HQAM	1	49	21.73	21.80	21.73					
15	HQAM	1	99	21.79	21.80	21.78					
15	HQAM	50	0	20.92	20.88	20.86				23	
15	HQAM	50	24	20.93	20.88	20.86					
15	HQAM	50	49	20.79	20.94	20.88			22	2	
15	HQAM	100	0	20.84	20.92	20.84					
15	HQAM	1	0	20.73	20.86	20.74					
15	HQAM	1	49	20.66	20.86	20.64			22	2	
15	HQAM	1	99	20.74	20.84	20.69					
15	HQAM	50	0	19.82	19.91	19.77					
15	HQAM	50	24	19.83	19.90	19.77					
15	HQAM	50	49	19.71	19.89	19.75			21	3	
15	HQAM	100	0	19.72	19.80	19.72					
15	HQAM	1	0	17.88	17.83	17.81				19	
15	HQAM	1	49	17.87	17.83	17.81					
15	HQAM	1	99	17.88	17.75	17.74					
15	HQAM	50	0	17.79	17.74	17.74					
15	HQAM	50	24	17.79	17.73	17.76			19	5	
15	HQAM	50	49	17.79	17.90	17.86					
15	HQAM	100	0	17.85	17.79	17.80					
Channel										Turn-up time (sec)	MPE (dB)
Frequency (MHz)				133172 <th>133209<th>133423<th></th><th></th><th></th></th></th>	133209 <th>133423<th></th><th></th><th></th></th>	133423 <th></th> <th></th> <th></th>					
20	QPSK	1	0	680	680.5	680					
20	QPSK	1	25	22.86	22.89	22.85			24	0	
20	QPSK	1	49	22.75	22.88	22.76					
20	QPSK	1	99	22.75	22.88	22.76					
20	QPSK	25	12	21.73	21.94	21.81					
20	QPSK	25	26	21.60	21.85	21.67					
20	QPSK	25	50	21.76	21.84	21.76					
20	HQAM	1	0	21.72	21.92	21.60					
20	HQAM	1	25	21.72	21.88	21.72					
20	HQAM	1	49	21.79	21.82	21.77					
20	HQAM	25	0	20.81	20.84	20.83					
20	HQAM	25	12	20.83	20.89	20.83				22	
20	HQAM	25	26	20.83	20.89	20.82					
20	HQAM	50	0	20.79	20.79	20.88					
20	HQAM	50	12	20.79	20.87	20.88					
20	HQAM	50	26	20.85	20.80	20.82			22	2	
20	HQAM	1	25	20.80	20.82	20.84					
20	HQAM	1	49	20.85	20.80	20.82					
20	HQAM	1	99	20.87	20.80	20.82					
20	HQAM	25	12	19.85	19.85	19.76					
20	HQAM	25	26	19.71	19.88	19.71					
20	HQAM	50	0	17.74	17.85	17.84					
20	HQAM	1	0	17.76	17.82	17.75					
20	HQAM	1	25	17.76	17.82	17.75					
20	HQAM	1	49	17.76	17.82	17.75					
20	HQAM	25	0	17.82	17.91	17.84					
20	HQAM	25	12	17.82	17.91	17.84					
20	HQAM	25	26	17.84	17.91	17.85			19	5	
20	HQAM	50	0	17.91	17.77	17.78					
Frequency (MHz)										Turn-up time (sec)	MPE (dB)
5	QPSK	1	0	685.5	685.5	685.5					
5	QPSK	1	0	22.84	22.95	22.96			24	0	
5	QPSK	1	12	22.81	22.89	22.84					
5	QPSK	1	25	22.75	22.88	22.75					
5	QPSK	12	0	21.78	22.01	21.86					
5	QPSK	12	13	21.77	21.76	21.76					
5	QPSK	25	0	21.73	21.83	21.84					
5	QPSK	25	13	21.77	21.71	21.70					
5	HQAM	1	12	21.71	21.94	21.74			23	1	
5	HQAM	1	24	21.84	21.79	21.80					
5	HQAM	12	0	20.79	20.79	20.85					
5	HQAM	12	13	20.81	20.92	20.78					
5	HQAM	25	0	20.84	20.84	20.84					
5	HQAM	1	0	20.70	20.92	20.70					
5	HQAM	1	12	20.81	20.74	20.81				22	
5	HQAM	24	0	20.88	20.78	20.87					
5	HQAM	12	0	19.85	19.88	19.78					
5	HQAM	12	13	19.84	19.88	19.82			21	3	
5	HQAM	25	0	19.80	19.76	19.81					
5	HQAM	25	13	19.82	19.76	19.82					
5	HQAM	1	12	17.88	17.80	17.87			19	5	
5	HQAM	1	24	17.84	17.81	17.84					
5	HQAM	12	0	17.78	17.84	17.82					
5	HQAM	12	13	17.80	17.84	17.82					
5	HQAM	25	0	17.76	17.89	17.85			19	5	
5	HQAM	25	13	17.78	17.89	17.85					

Band 38_Ant 2																
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (sec)	MPE (dB)								
Channel																
Frequency (MHz)				37650	38000	38150										
				26.0	26.0	26.15										
20	QPSK	1	0	19.99	20.00	19.99			21	0						
20	QPSK	1	49	19.99	20.12	19.94										
20	QPSK	1	99	19.93	20.09	19.94										
20	QPSK	50	0	20.09	20.11	20.13										
20	QPSK	50	24	20.04	20.07	19.86										
20	QPSK	50	99	20.00	20.08	19.86										
20	QPSK	100	0	20.05	20.12	19.82										
20	QPSK	100	49	20.01	20.11	19.93										
20	16QAM	1	99	20.03	20.05	19.88			21	0						
20	16QAM	1	0	19.98	20.11	19.87										
20	16QAM	50	24	20.05	20.04	19.97										
20	16QAM	50	99	19.97	20.00	19.88										
20	16QAM	100	0	20.04	20.04	19.87										
20	16QAM	100	49	20.07	20.08	19.85										
20	16QAM	1	0	19.97	19.96	19.89										
20	16QAM	50	0	19.93	20.09	19.95										
20	25QAM	1	49	20.01	20.11	19.93			19	2						
20	25QAM	1	99	20.03	20.05	19.88										
20	25QAM	50	0	19.94	19.97	17.89										
20	25QAM	50	24	19.93	19.90	17.85										
20	25QAM	50	49	18.04	18.11	17.85										
20	25QAM	50	99	18.04	18.11	17.85										
20	25QAM	100	0	17.96	18.01	17.85										
20	25QAM	100	49	18.05	17.99	17.82										
Channel																
Frequency (MHz)				26.775	26.950	26.915	Turn-up time (sec)	MPE (dB)								
15	QPSK	1	0	20.00	20.02	19.93			21	0						
15	QPSK	1	37	20.01	20.00	19.78										
15	QPSK	1	74	19.99	20.01	19.76										
15	QPSK	36	0	19.92	19.95	19.84										
15	QPSK	36	20	19.97	19.98	19.89										
15	QPSK	36	36	19.99	20.00	19.78										
15	QPSK	75	0	19.93	20.00	19.89										
15	QPSK	75	0	19.93	20.00	19.89										
15	16QAM	1	0	19.93	19.91	19.74			21	0						
15	16QAM	1	37	19.93	19.92	19.80										
15	16QAM	1	74	19.93	20.07	19.79										
15	16QAM	36	0	19.92	19.94	19.88										
15	16QAM	36	20	19.91	19.92	19.81										
15	16QAM	36	36	19.93	20.00	19.86										
15	16QAM	75	0	19.98	19.96	19.86										
15	16QAM	75	0	19.99	20.00	19.78										
15	16QAM	1	37	19.90	19.90	19.73										
15	16QAM	1	74	19.90	20.00	19.78										
15	16QAM	36	0	19.76	19.84	19.84										
15	16QAM	36	20	19.85	19.90	19.82										
15	16QAM	36	36	19.88	19.90	19.82										
15	16QAM	75	0	19.87	19.89	19.82										
15	25QAM	1	0	17.92	17.93	17.88			19	2						
15	25QAM	1	37	17.92	17.93	17.88										
15	25QAM	1	74	17.93	17.92	17.71										
15	25QAM	36	0	17.93	17.96	17.84										
15	25QAM	36	20	17.90	17.97	17.89										
15	25QAM	36	36	17.88	17.95	17.84										
15	25QAM	75	0	17.89	17.96	17.74										
Channel																
Frequency (MHz)				26.75	26.950	26.915	Turn-up time (sec)	MPE (dB)								
10	QPSK	1	0	19.99	20.00	19.99			21	0						
10	QPSK	1	25	19.76	19.97	19.89										
10	QPSK	1	49	19.87	19.99	19.86										
10	QPSK	1	74	19.84	19.94	19.84										
10	QPSK	25	12	19.78	19.85	19.85										
10	QPSK	25	26	19.88	20.09	19.83										
10	QPSK	25	50	19.73	20.05	19.84										
10	QPSK	25	75	19.81	19.91	19.90										
10	16QAM	1	25	19.76	19.98	19.90			21	0						
10	16QAM	1	37	19.76	19.98	19.90										
10	16QAM	25	0	19.79	19.83	19.89										
10	16QAM	25	12	19.81	19.86	19.89										
10	16QAM	25	26	19.76	20.07	19.85										
10	16QAM	25	50	19.76	20.03	19.85										
10	16QAM	25	75	19.78	19.83	19.89										
10	16QAM	50	0	19.80	20.01	19.85										
10	16QAM	50	12	19.83	19.93	19.89										
10	16QAM	50	26	19.78	19.99	19.87										
10	16QAM	1	25	19.80	19.97	19.84										
10	16QAM	1	49	19.88	19.99	19.87										
10	16QAM	25	0	19.89	20.02	19.81										
10	16QAM	25	12	19.81	19.89	19.89										
10	16QAM	25	26	19.75	20.07	19.85										
10	16QAM	25	50	19.78	19.98	19.87										
10	25QAM	1	0	17.81	17.80	17.77			19	2						
10	25QAM	1	25	17.83	17.82	17.77										
10	25QAM	1	37	17.82	17.82	17.81										
10	25QAM	25	0	17.72	17.87	17.89										
10	25QAM	25	12	17.78	17.86	17.85										
10	25QAM	25	26	17.88	17.80	17.74										
10	25QAM	50	0	17.84	18.01	17.89										
Channel																
Frequency (MHz)				26.725	26.950	26.915	Turn-up time (sec)	MPE (dB)								
5	QPSK	1	0	19.92	19.98	19.94			21	0						
5	QPSK	1	12	19.85	19.95	19.83										
5	QPSK	1	24	19.83	19.85	19.78										
5	QPSK	12	0	19.88	19.98	19.74										
5	QPSK	12	7	19.90	20.07	19.85										
5	QPSK	12	12	19.90	19.89	19.78										
5	QPSK	25	0	19.84	19.92	19.78										
5	16QAM	1	0	19.88	20.10	19.72										
5	16QAM	1	12	19.89	19.89	19.78										
5	16QAM	1	24	19.85	19.90	19.89										
5	16QAM	12	0	19.87	20.02	19.77										
5	16QAM	12	7	19.79	19.92	19.89										
5	16QAM	12	13	19.89	19.92	19.84										
5	16QAM	25	0	19.78	19.90	19.75										
5	16QAM	25	0	19.83	19.97	19.89										
5	16QAM	1	12	19.85	19.90	19.89										
5	16QAM	1	24	19.87	20.02	19.83										
5	16QAM	12	0	19.80	19.90	19.89										
5	16QAM	12	7	19.82	19.86	19.82										
5	16QAM	12	13	19.89	19.92	19.84										
5	25QAM	1	24	17.83	17.82	17.78			19	2						
5	25QAM	1	37	17.83	17.83	17.83										
5	25QAM	12	7	17.73	18.00	17.89										
5	25QAM	12	13	17.80	18.01	17.87										
5	25QAM	12	13	17.80	18.01	17.87										
5	25QAM	12	13	17.80	18.01	17.87										
5	25QAM	12	13	17.80	18.01	17.87										
5	25QAM	12	13	17.80	18.01	17.87										
5	25QAM	12	13	17.80	18.01	17.87										

Band 41_Ant 2_PC2												
RF (MHz)	Modulation	RB Size	RB Offset	Power (mW) Ch 1/Freq (MHz)	Power (mW) Ch 2/Freq (MHz)	Power (mW) Ch 3/Freq (MHz)	Power (mW) Ch 4/Freq (MHz)	Power (mW) Ch 5/Freq (MHz)	Power (mW) Ch 6/Freq (MHz)	Turn-up time (s/min)	MPE (dB)	
Channel				3670	40165	40620	40935	41540	41855			
30	QPSK	1	0	20.18	21.56	21.56	21.56	21.56	21.56			
30	QPSK	1	48	21.51	21.56	21.71	21.52	21.42	21.45	22.6	0	
30	QPSK	1	96	21.38	21.57	21.85	21.60	21.45				
30	QPSK	50	24	21.40	21.58	21.60	21.60	21.48	21.38			
30	QPSK	50	72	21.45	21.59	21.60	21.60	21.48	21.38	22.6	0	
30	QPSK	50	96	21.38	21.59	21.60	21.60	21.48	21.38			
30	HQAM	1	0	21.30	21.50	21.57	21.58	21.48				
30	HQAM	1	48	21.51	21.47	21.83	21.51	21.47		22.6	0	
30	HQAM	1	96	21.41	21.47	21.83	21.51	21.47				
30	HQAM	50	24	21.38	21.50	21.57	21.58	21.48	21.38			
30	HQAM	50	72	21.42	21.53	21.70	21.53	21.48		22.6	0	
30	HQAM	50	96	21.38	21.53	21.70	21.53	21.48				
30	HQAM	100	0	21.43	21.55	21.65	21.48	21.37				
30	HQAM	100	48	21.45	21.58	21.68	21.49	21.38				
30	HQAM	100	96	21.41	21.53	21.62	21.50	21.38		22.6	0	
30	HQAM	1	96	21.48	20.81	21.60	21.51	21.47				
30	HQAM	1	48	21.48	21.62	21.63	21.48	21.38				
30	HQAM	50	24	21.43	21.48	21.56	21.60	21.48		22.6	0	
30	HQAM	50	96	21.48	22.61	21.64	21.46	21.37				
30	HQAM	100	0	21.48	21.62	21.63	21.48	21.38				
30	SSB/AM	1	0	20.86	21.10	21.11	21.08	20.85		22	0.6	
30	SSB/AM	1	48	20.86	21.05	21.18	20.90	20.79				
30	SSB/AM	1	96	20.86	21.02	21.14	20.90	20.79				
30	SSB/AM	50	0	20.96	20.98	21.19	21.09	20.95				
30	SSB/AM	50	48	20.97	21.05	21.11	21.09	20.98				
30	SSB/AM	50	96	20.97	21.05	21.11	21.09	20.98		22	0.6	
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95		Turn-up time (s/min)	MPE (dB)	
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	0	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	48	20.92	21.05	21.21	21.07	20.95				
30	SSB/AM	100	96	20.92	21.05	21.21	21.07	20.95				

Band 41_Ant 8_PC3												
RW (MHz)	Modulation	RB Size	RB Offset	Power (W)	Power (W) (Ch. 1)	Power (W) (Ch. 2)	Power (W) (Ch. 3)	Power (W) (Ch. 4)	Power (W) (Ch. 5)	Power (W) (Ch. 6)	Turn-up time (s)	MFR (dB)
Channel				34950	40185	40620	41055	41490	41925	42360		
Frequency (MHz)				2000	2649	3299	3949	4599	5249			
OP	QPSK	1	48	15.76	15.96	16.12	15.92	20.12	19.92	21.00	21	0
OP	QPSK	1	96	19.87	19.87	19.87	20.11	20.15	20.09	20.09		
OP	QPSK	50	24	19.86	19.86	19.86	19.86	19.86	19.86	19.86		
OP	QPSK	50	36	19.86	19.86	19.86	19.86	19.86	19.86	19.86		
OP	QPSK	50	50	19.86	19.86	19.86	19.86	19.86	19.86	19.86		
OP	QPSK	50	64	19.86	19.86	19.86	19.86	19.86	19.86	19.86		
OP	HQPSK	1	0	19.79	20.01	20.11	19.87	20.11	19.87	20.11		
OP	HQPSK	1	48	19.88	19.89	19.93	19.85	20.05	20.02	20.02	21	0
OP	HQPSK	1	96	19.89	19.89	19.89	19.89	19.89	19.89	19.89		
OP	HQPSK	50	24	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	36	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	50	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	64	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	96	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	128	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	160	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	192	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	224	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	256	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	288	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	320	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	352	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	384	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	416	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	448	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	480	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	512	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	544	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	576	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	608	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	640	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	672	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	704	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	736	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	768	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	800	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	832	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	864	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	896	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	928	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	960	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	992	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1024	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1056	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1088	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1120	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1152	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1184	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1216	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1248	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1280	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1312	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1344	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1376	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1408	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1440	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1472	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1504	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1536	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1568	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1600	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1632	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1664	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1696	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1728	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1760	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1792	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1824	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1856	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1888	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1920	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1952	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	1984	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2016	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2048	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2080	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2112	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2144	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2176	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2208	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2240	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2272	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2304	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2336	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2368	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2400	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2432	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2464	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2496	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2528	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2560	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2592	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2624	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2656	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2688	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2720	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2752	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2784	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2816	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2848	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2880	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2912	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2944	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	2976	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	3008	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	3040	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	3072	19.88	19.88	19.88	19.88	19.88	19.88	19.88		
OP	HQPSK	50	3104	19.88	19.88	19.88	19.88	19.88	19.88	19.88		

Band 41_Ant 8_PC2												
RW [MHz]	Modulation	RB Size	PRB Offset	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Time-up Int. (s)	MPE (dB)	
Channel				39750	40000	40250	40500	40750	41000			
Frequency (MHz)				2065	2049	2033	2016	2000	1984			
20 QPSK	1	49	21.45	21.60	21.50	21.50	21.50	21.50	21.50	22.6	0	
20 QPSK	1	49	21.53	21.64	21.64	21.64	21.63	21.63	21.61			
20 QPSK	1	49	21.61	21.68	21.68	21.68	21.68	21.68	21.67			
20 QPSK	50	50	21.32	21.48	21.57	21.43	21.37	21.37	21.37	22.6	0	
20 QPSK	50	50	21.41	21.50	21.50	21.50	21.50	21.50	21.51			
20 HQPSK	1	49	21.40	21.63	21.64	21.68	21.59	21.59	21.59			
20 HQPSK	1	49	21.54	21.59	21.62	21.60	21.44	21.44	21.44	22.6	0	
20 HQPSK	1	49	21.48	21.53	21.53	21.53	21.53	21.53	21.53			
20 HQPSK	50	0	21.44	21.60	21.60	21.60	21.49	21.49	21.49			
20 HQPSK	50	24	21.41	21.52	21.68	21.57	21.59	21.59	21.59	22.6	0	
20 HQPSK	50	24	21.51	21.62	21.62	21.62	21.62	21.62	21.62			
20 HQPSK	100	0	21.43	21.53	21.61	21.58	21.58	21.58	21.58			
20 HQPSK	100	24	21.47	21.58	21.68	21.57	21.59	21.59	21.59	22.6	0	
20 HQPSK	1	49	21.34	21.61	21.64	21.54	21.48	21.48	21.48			
20 HQPSK	50	24	21.54	21.57	21.62	21.58	21.42	21.42	21.42	22.6	0	
20 HQPSK	50	50	21.43	21.57	21.57	21.51	21.51	21.51	21.51			
20 HQPSK	50	50	21.55	21.60	21.60	21.59	21.59	21.59	21.59			
20 HQPSK	1	49	20.92	21.02	21.10	20.99	20.91	20.91	20.91	22	0.6	
20 HQPSK	1	49	20.70	20.98	20.98	21.04	21.04	20.81	20.81			
20 HQPSK	1	49	20.85	20.95	20.95	20.95	20.95	20.95	20.95			
20 HQPSK	50	0	20.85	20.99	20.99	21.02	21.07	21.07	21.07			
20 HQPSK	50	24	20.85	20.99	20.99	21.02	21.07	21.07	21.07	22	0.6	
20 HQPSK	50	24	20.98	21.07	21.10	20.99	20.91	20.91	20.91			
20 HQPSK	100	0	20.73	21.04	21.03	20.95	20.95	20.95	20.95			
20 HQPSK	100	24	20.73	21.04	21.03	20.95	20.95	20.95	20.95	22	0.6	
Frequency (MHz)				2005.5	2049.5	2093.5	2037.5	2081.5	2025.5	Time-up Int. (s)	MPE (dB)	
15 QPSK	1	6	21.50	21.68	21.57	21.63	21.63	21.57	21.57	22.6	0	
15 QPSK	1	27	21.36	21.53	21.38	21.44	21.44	21.46	21.46			
15 QPSK	1	27	21.45	21.44	21.44	21.44	21.44	21.44	21.44			
15 QPSK	36	0	21.28	21.43	21.38	21.47	21.49	21.49	21.49	22.6	0	
15 QPSK	36	0	21.22	21.52	21.37	21.47	21.47	21.47	21.47			
15 QPSK	36	24	21.28	21.38	21.30	21.40	21.40	21.40	21.40			
15 QPSK	78	0	21.24	21.50	21.40	21.28	21.51	21.51	21.51			
15 HQPSK	1	27	21.57	21.67	21.57	21.67	21.67	21.67	21.67	22.6	0	
15 HQPSK	1	27	21.38	21.54	21.44	21.57	21.57	21.56	21.56			
15 HQPSK	1	27	21.34	21.53	21.43	21.56	21.57	21.57	21.57			
15 HQPSK	1	27	21.30	21.57	21.47	21.60	21.60	21.60	21.60			
15 HQPSK	36	0	21.48	21.63	21.40	21.54	21.54	21.54	21.54	22.6	0	
15 HQPSK	36	0	21.40	21.67	21.57	21.62	21.49	21.49	21.49			
15 HQPSK	36	24	21.40	21.58	21.38	21.54	21.54	21.54	21.54			
15 HQPSK	36	24	21.34	21.58	21.40	21.51	21.51	21.51	21.51			
15 HQPSK	78	0	21.35	21.62	21.44	21.61	21.54	21.54	21.54	22.6	0	
15 HQPSK	78	0	21.40	21.48	21.41	21.48	21.48	21.48	21.48			
15 HQPSK	78	24	21.48	21.68	21.64	21.52	21.58	21.58	21.58			
15 HQPSK	78	24	21.40	21.58	21.38	21.54	21.54	21.54	21.54			
15 HQPSK	1	27	20.79	20.92	20.75	20.87	20.96	20.96	20.96	22	0.6	
15 HQPSK	1	27	20.85	20.93	20.88	20.88	20.83	20.83	20.83			
15 HQPSK	36	0	20.93	21.03	20.87	20.95	20.95	20.95	20.95			
15 HQPSK	36	24	20.81	20.87	20.80	20.83	20.83	20.86	20.86	22	0.6	
15 HQPSK	36	24	20.73	20.89	20.77	20.85	20.85	21.01	21.01			
15 HQPSK	78	0	20.85	20.93	20.80	20.88	20.88	20.96	20.96			
Channel				39700	40160	40250	41080	41080	41080	Time-up Int. (s)	MPE (dB)	
Frequency (MHz)				2007	2047	2053	2038	2038	2038			
10 QPSK	1	26	21.56	21.64	21.54	21.57	21.54	21.53	21.53	22.6	0	
10 QPSK	1	49	21.37	21.63	21.42	21.59	21.59	21.45	21.45			
10 QPSK	1	49	21.53	21.63	21.63	21.63	21.63	21.63	21.63			
10 QPSK	12	24	21.42	21.43	21.26	21.41	21.33	21.33	21.33	22.6	0	
10 QPSK	12	24	21.29	21.43	21.29	21.38	21.33	21.33	21.33			
10 HQPSK	1	26	21.43	21.50	21.44	21.54	21.46	21.46	21.46	22.6	0	
10 HQPSK	1	6	21.44	21.63	21.37	21.53	21.52	21.52	21.52			
10 HQPSK	1	26	21.34	21.48	21.40	21.52	21.52	21.52	21.52			
10 HQPSK	1	26	21.46	21.54	21.41	21.49	21.49	21.49	21.49			
10 HQPSK	12	24	21.50	21.42	21.34	21.48	21.42	21.42	21.42	22.6	0	
10 HQPSK	12	24	21.51	21.48	21.36	21.53	21.53	21.53	21.53			
10 HQPSK	12	24	21.46	21.48	21.34	21.53	21.53	21.53	21.53			
10 HQPSK	1	49	21.37	21.54	21.42	21.56	21.56	21.56	21.56	22.6	0	
10 HQPSK	1	49	21.43	21.63	21.43	21.59	21.59	21.59	21.59			
10 HQPSK	12	24	21.47	21.52	21.32	21.48	21.48	21.52	21.52			
10 HQPSK	12	24	21.61	21.50	21.43	21.63	21.63	21.63	21.63	22.6	0	
10 HQPSK	12	24	21.43	21.42	21.30	21.53	21.53	21.53	21.53			
10 HQPSK	1	49	20.81	21.03	20.81	20.81	20.81	20.86	20.86			
10 HQPSK	1	26	20.33	20.39	20.38	20.62	20.62	20.65	20.65	22	0.6	
10 HQPSK	1	26	20.45	20.51	20.51	20.51	20.51	20.57	20.57			
10 HQPSK	1	26	20.58	20.58	20.57	20.87	20.87	20.79	20.79			
10 HQPSK	12	24	20.58	20.58	20.57	20.87	20.87	20.79	20.79			
10 HQPSK	12	24	20.81	20.90	20.85	20.98	20.98	20.75	20.75	22	0.6	
10 HQPSK	12	24	20.92	20.95	20.88	20.98	20.98	20.79	20.79			
Frequency (MHz)				2006.5	2049.5	2053.5	2038.5	2038.5	2038.5	Time-up Int. (s)	MPE (dB)	
5 QPSK	1	6	21.59	21.60	21.53	21.59	21.44	21.43	21.43	22.6	0	
5 QPSK	1	12	21.42	21.68	21.42	21.44	21.44	21.44	21.44			
5 QPSK	1	12	21.41	21.61	21.41	21.41	21.41	21.41	21.41			
5 QPSK	12	7	21.40	21.40	21.33	21.51	21.51	21.51	21.51	22.6	0	
5 QPSK	12	7	21.43	21.43	21.33	21.44	21.44	21.44	21.44			
5 QPSK	26	0	21.43	21.51	21.42	21.56	21.56	21.56	21.56			
5 HQPSK	1	6	21.52	21.48	21.45	21.59	21.44	21.44	21.44	22.6	0	
5 HQPSK	1	24	21.45	21.58	21.47	21.53	21.53	21.53	21.53			
5 HQPSK	1	24	21.43	21.62	21.43	21.43	21.43	21.43	21.43			
5 HQPSK	12	7	21.33	21.53	21.51	21.59	21.59	21.59	21.59	22.6	0	
5 HQPSK	12	7	21.38	21.48	21.41	21.60	21.60	21.60	21.60			
5 HQPSK	12	7	21.45	21.46	21.41	21.45	21.45	21.45	21.45			
5 HQPSK	1	6	21.40	21.53	21.43	21.60	21.59	21.59	21.59			
5 HQPSK	1	12	21.34	21.48	21.31	21.47	21.46	21.46	21.46	22.6	0	
5 HQPSK	1	12	21.42	21.47	21.41	21.47	21.47	21.47	21.47			
5 HQPSK	12	0	21.44	21.50	21.40	21.49	21.49	21.49	21.49			
5 HQPSK	12	0	21.47	21.64	21.47	21.54	21.49	21.49	21.49	22.6	0	
5 HQPSK	12	0	21.40	21.48	21.46	21.48	21.48	21.48	21.48			
5 HQPSK	1	6	21.42	21.56	21.46	21.51	21.51	21.51	21.51			
5 HQPSK	1	6	21.47	21.57	21.47	21.57	21.57	21.57	21.57			
5 HQPSK	12	0	20.77	20.98	20.84	20.98	20.98	20.73	20.73	22	0.6	
5 HQPSK	12	0	20.76	20.98	20.87	20.92	20.92	20.92	20.92			
5 HQPSK	12	0	20.83	21.03	20.88	20.93	20.93	20.98	20.98			
5 HQPSK	12	0	20.89	20.99	20.97	20.97	20.97	20.97	20.97	22	0.6	
5 HQPSK	12	0	20.88	20.93	20.91	20.99	20.99	20.78	20.78			
5 HQPSK	12	0	20.92	20.92	20.88	20.93	20.93	20.93	20.93			

Band 41_Ant 9_PC3												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (dBm)	Power Low Mid Ch / Freq (dBm)	Power Low High Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Power High Ch / Freq (dBm)	Turn-up time (min)	MPE (dB)		
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.20	22.22	22.44	22.36	22.28	23	0		
20	QPSK	1	49	22.12	22.12	22.32	22.16	22.32				
20	QPSK	1	99	22.04	22.10	22.38	22.24	22.28				
20	QPSK	50	0	22.36	22.31	22.38	22.37	22.35	23	0		
20	QPSK	50	49	22.32	22.28	22.31	22.21	22.16				
20	QPSK	50	99	22.25	22.29	22.21	22.06	21.96				
20	QPSK	100	0	22.34	22.27	22.31	22.25	21.80	23	0		
20	QPSK	100	49	22.41	22.35	22.32	22.14	21.99				
20	16QAM	1	49	22.33	22.29	22.24	22.20	22.07	23	0		
20	16QAM	1	99	22.35	22.34	22.28	22.13	22.07				
20	16QAM	50	0	21.91	21.92	21.18	21.10	20.95	22	1		
20	16QAM	50	24	21.36	21.39	21.21	21.10	20.95				
20	16QAM	50	99	21.43	21.29	21.53	21.07	21.06	22	1		
20	16QAM	100	0	21.97	21.30	21.21	21.10	20.97				
20	64QAM	1	0	21.01	21.02	20.93	20.82	20.88	22	1		
20	64QAM	1	49	21.14	21.24	21.08	20.98	20.89				
20	64QAM	1	99	21.35	21.04	21.01	20.83	21.05	21	2		
20	64QAM	50	0	20.34	20.35	20.26	20.16	19.94				
20	64QAM	50	24	20.42	20.35	20.32	20.15	19.95	21	2		
20	64QAM	50	99	20.43	20.30	20.28	20.12	20.05				
20	256QAM	0	0	19.20	19.34	19.20	19.34	19.20	19	4		
20	256QAM	1	49	18.12	18.30	18.12	18.30	18.33				
20	256QAM	1	99	18.21	18.30	18.21	18.30	18.31	19	4		
20	256QAM	50	0	18.24	18.29	18.26	18.29	18.25				
20	256QAM	50	24	18.24	18.27	18.24	18.27	18.28	19	4		
20	256QAM	50	99	18.25	18.26	18.26	18.26	18.25				
20	256QAM	100	0	18.13	18.27	18.13	18.27	18.28				
Channel												
39725 40173 40620 41068 41515												
15	QPSK	1	0	22.43	22.43	22.26	22.41	22.33	23	0		
15	QPSK	1	37	22.20	22.39	22.07	22.30	22.08				
15	QPSK	1	74	22.27	22.25	22.19	22.10	22.20	23	0		
15	QPSK	1	107	22.24	21.94	22.30	22.06	22.01				
15	QPSK	36	20	22.02	21.97	22.15	21.91	21.81	23	0		
15	QPSK	36	59	22.19	22.06	22.06	21.97	21.84				
15	QPSK	75	0	22.24	22.02	22.24	21.95	21.83	23	0		
15	16QAM	1	0	22.22	22.02	22.16	22.02	21.96				
15	16QAM	1	37	22.08	22.08	22.17	22.10	21.98	23	0		
15	16QAM	1	74	22.19	22.08	22.17	22.10	21.98				
15	16QAM	36	0	21.94	21.00	21.15	21.07	20.77	22	1		
15	16QAM	36	30	21.02	21.02	21.15	21.04	20.96				
15	16QAM	36	59	21.16	21.09	21.22	21.02	20.96	22	1		
15	16QAM	75	0	20.87	20.79	20.86	20.74	20.52				
15	64QAM	1	0	20.86	20.79	20.92	20.86	20.55	22	1		
15	64QAM	1	37	20.91	20.79	20.91	20.86	20.55				
15	64QAM	36	0	20.15	20.11	20.13	20.10	19.92	21	2		
15	64QAM	36	30	20.26	20.02	20.28	20.12	19.96				
15	64QAM	36	59	20.25	20.02	20.24	20.02	19.91	21	2		
15	64QAM	75	0	20.15	20.00	20.16	20.02	19.97				
15	256QAM	1	0	18.10	18.29	18.11	18.26	18.28	19	4		
15	256QAM	1	37	18.20	18.25	18.06	18.31	18.24				
15	256QAM	1	74	18.09	18.29	18.20	18.32	18.27	19	4		
15	256QAM	36	0	18.19	18.22	18.18	18.22	18.18				
15	256QAM	36	30	18.15	18.15	18.20	18.19	18.20	19	4		
15	256QAM	36	59	18.18	18.21	18.15	18.31	18.27				
15	256QAM	75	0	18.11	18.10	18.16	18.16	18.23				
Channel												
39725 40160 40620 41068 41515												
10	QPSK	1	0	22.36	22.35	22.22	22.41	22.34	23	0		
10	QPSK	1	49	22.25	22.31	22.16	22.16	22.23				
10	QPSK	1	49	22.25	22.31	22.16	22.16	22.23	23	0		
10	QPSK	25	0	22.28	21.96	22.24	21.98	22.05				
10	QPSK	25	49	22.13	21.97	22.16	21.92	21.87	23	0		
10	QPSK	25	99	22.09	21.93	22.06	22.03	21.83				
10	QPSK	50	0	22.29	22.05	22.25	21.99	21.76	23	0		
10	QPSK	50	49	22.27	22.05	22.15	21.99	21.96				
10	16QAM	1	25	22.27	22.05	22.20	22.13	21.84	23	0		
10	16QAM	1	74	22.27	22.05	22.15	21.99	21.96				
10	16QAM	25	0	21.05	21.05	21.08	21.06	20.80	22	1		
10	16QAM	25	12	21.17	21.08	21.07	21.02	20.92				
10	16QAM	25	35	21.21	20.94	21.08	20.98	20.81	22	1		
10	16QAM	50	0	21.18	20.99	21.16	21.01	20.81				
10	64QAM	1	0	20.78	20.67	20.82	20.73	20.47	22	1		
10	64QAM	1	49	20.97	20.83	20.87	20.80	20.68				
10	64QAM	1	49	20.88	20.74	20.98	20.78	21.02	21	2		
10	64QAM	25	0	20.21	20.14	20.11	20.02	19.96				
10	64QAM	25	12	20.22	20.14	20.19	20.01	19.95	21	2		
10	64QAM	25	35	20.22	20.10	20.16	20.05	19.99				
10	64QAM	50	0	20.21	20.03	20.26	20.06	19.99	19	4		
10	256QAM	1	0	18.11	18.33	18.06	18.33	18.25				
10	256QAM	1	25	18.11	18.26	17.99	18.16	18.18	19	4		
10	256QAM	1	49	18.14	18.38	18.18	18.27	18.25				
10	256QAM	25	12	18.06	18.17	18.22	18.14	18.23	19	4		
10	256QAM	25	35	18.14	18.31	18.07	18.30	18.27				
10	256QAM	50	0	18.09	18.17	18.05	18.21	18.24	19	4		
10	256QAM	50	0	18.01	18.18	18.00	18.20	18.21				

Band 41_Ant 9_PC2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Freq	Power High Freq	Time-slot (ms)	MPR (dB)		
Channel				36750	40185	40620	41055	41490				
Frequency (MHz)												
20	QPSK	1	8	25.63	25.63	25.63	25.63	25.63				
20	QPSK	1	49	23.69	23.69	23.69	23.61	23.59	24.6	0		
20	QPSK	50	8	23.24	23.68	23.69	23.37	23.29				
20	QPSK	50	56	25.41	25.61	25.74	25.61	25.59				
20	QPSK	50	24	23.22	23.55	23.70	23.61	23.52	24.6	0		
20	QPSK	50	80	23.24	23.55	23.68	23.61	23.52				
20	QPSK	100	0	21.47	25.48	25.68	25.61	25.51				
20	HQPSK	1	8	21.26	20.99	21.72	23.50	23.26				
20	HQPSK	1	49	23.74	23.74	23.74	23.67	23.67	24.6	0		
20	HQPSK	1	99	23.92	23.62	23.63	23.71	23.58				
20	HQPSK	50	8	21.61	23.68	23.69	23.61	23.52				
20	HQPSK	50	24	23.57	23.68	23.70	23.69	23.72	24.6	0		
20	HQPSK	50	96	23.57	23.68	23.72	23.69	23.59				
20	HQPSK	100	0	21.61	23.68	23.69	23.61	23.52				
20	HQPSK	1	74	21.53	23.63	23.67	23.60	23.45				
20	HQPSK	1	49	23.50	23.76	23.79	23.65	23.51	24.6	0		
20	HQPSK	50	8	21.39	23.68	23.69	23.61	23.52				
20	HQPSK	50	56	22.99	23.14	23.19	23.19	23.05				
20	HQPSK	50	80	23.50	23.52	23.53	23.53	23.53	24	0.8		
20	HQPSK	50	96	22.95	23.18	23.25	23.17	23.06				
20	HQPSK	100	0	22.97	23.24	23.19	23.06	23.23				
20	HQPSK	1	74	21.62	23.68	23.69	23.61	23.52				
20	HQPSK	1	49	26.92	21.27	21.19	21.27	21.03	22	2.8		
20	HQPSK	1	99	21.07	21.21	21.14	21.16	20.98				
20	HQPSK	50	8	21.07	21.21	21.14	21.16	20.98	22	2.6		
20	HQPSK	50	24	20.98	21.26	21.17	21.19	21.00				
20	HQPSK	100	0	20.97	21.27	21.23	21.08	21.09				
Channel				36725 <th>40171</th> <th>40620<th>41058<th>41515</th><th></th><th></th></th></th>	40171	40620 <th>41058<th>41515</th><th></th><th></th></th>	41058 <th>41515</th> <th></th> <th></th>	41515				
Frequency (MHz)												
20	QPSK	1	8	23.62	23.71	23.91	23.79	23.62				
20	QPSK	1	97	23.52	23.64	23.54	23.67	23.62	24.6	0		
20	QPSK	1	74	21.46	21.87	21.50	21.68	21.62				
20	QPSK	1	49	23.50	23.42	23.34	23.45	23.42				
20	QPSK	36	20	23.48	23.38	23.49	23.45	23.51	24.6	0		
20	QPSK	36	56	23.51	23.52	23.53	23.53	23.53				
20	QPSK	76	1	23.39	23.50	23.34	23.44	23.65				
20	HQPSK	1	8	21.52	21.67	21.44	21.61	21.60	24.6	0		
20	HQPSK	1	49	23.55	23.60	23.59	23.60	23.64				
20	HQPSK	1	74	21.47	21.65	21.45	21.52	21.61				
20	HQPSK	36	20	21.44	21.57	21.42	21.51	21.56	24.6	0		
20	HQPSK	36	56	21.45	21.50	21.49	21.49	21.50				
20	HQPSK	36	92	23.57	23.53	23.64	23.54	23.52				
20	HQPSK	76	1	21.46	21.66	21.46	21.63	21.61				
20	HQPSK	1	49	21.53	21.58	21.34	21.50	21.43				
20	HQPSK	1	74	21.51	21.72	21.53	21.64	21.63	24.6	0		
20	HQPSK	36	20	21.51	21.70	21.53	21.64	21.64				
20	HQPSK	36	56	21.51	21.70	21.53	21.64	21.64				
20	HQPSK	36	92	21.16	21.33	21.28	21.13	21.07	24	0.6		
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1	21.09	21.11	20.92	21.05	21.05				
20	HQPSK	76	1									

Part 27Q_Band 42_Ant 5													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MFR (dB)					
Channel													
Frequency (MHz)				42190	42590	42990							
20	QPSK	1	0	22.17	22.16	22.16	23	0					
20	QPSK	1	49	22.07	22.22	22.14							
20	QPSK	50	0	22.08	22.18	22.15							
20	QPSK	50	24	21.92	22.12	22.05	23	0					
20	QPSK	50	50	21.92	22.14	22.05							
20	QPSK	100	0	21.94	22.16	22.08	23		0				
20	16QAM	1	0	22.01	22.15	22.06							
20	16QAM	1	49	22.14	22.22	22.09	23	0					
20	16QAM	50	0	22.02	22.17	22.11							
20	16QAM	50	24	21.12	21.11	21.12	22	1					
20	16QAM	50	50	21.14	21.12	21.13							
20	16QAM	100	0	21.07	21.21	21.03	22		1				
20	64QAM	1	0	21.04	21.10	21.01							
20	64QAM	1	49	21.04	21.14	21.05	21	2					
20	64QAM	50	0	20.09	20.19	20.12							
20	64QAM	50	24	20.03	20.15	20.03	21	2					
20	64QAM	50	50	20.06	20.17	20.02							
20	64QAM	100	0	20.04	20.14	20.13	19	4					
20	256QAM	1	49	18.01	18.18	18.05							
20	256QAM	50	0	18.10	18.22	18.01	19	4					
20	256QAM	50	24	18.06	18.19	18.03							
20	256QAM	50	24	18.00	18.19	18.03	19	4					
20	256QAM	100	0	18.06	18.23	18.02							
Channel													
Frequency (MHz)				42165	42560	43015	Turn-up time (min)				MFR (dB)		
15	QPSK	1	0	22.15	22.12	22.19	23	0					
15	QPSK	1	37	22.01	22.12	21.96							
15	QPSK	74	0	22.04	22.09	22.03	23	0					
15	QPSK	36	0	21.90	22.12	21.93							
15	QPSK	36	20	21.92	21.99	21.91	23	0					
15	QPSK	36	39	21.94	22.05	21.95							
15	QPSK	75	0	21.84	21.91	21.94	23	0					
15	16QAM	1	0	21.98	22.08	22.14							
15	16QAM	1	37	22.01	22.10	21.97	22	1					
15	16QAM	1	74	22.01	22.18	22.03							
15	16QAM	36	0	21.11	20.97	21.02	22	1					
15	16QAM	36	20	20.04	21.04	21.07							
15	16QAM	36	39	21.16	21.12	21.14	15	4					
15	16QAM	75	0	20.96	21.08	21.01							
15	16QAM	1	0	21.01	21.11	21.01	22	1					
15	64QAM	1	37	20.93	21.02	20.97							
15	64QAM	74	0	20.93	21.05	20.95	21	2					
15	64QAM	36	0	20.10	20.10	19.98							
15	64QAM	36	20	19.94	20.12	20.07	19	4					
15	64QAM	36	20	19.94	20.10	20.07							
15	64QAM	75	0	19.96	20.02	20.10	19	4					
15	256QAM	1	0	18.03	18.10	18.12							
15	256QAM	1	37	18.10	18.12	18.03	19	4					
15	256QAM	1	74	17.88	18.08	17.96							
15	256QAM	36	0	18.08	17.97	18.09	19	4					
15	256QAM	36	20	18.04	18.05	18.05							
15	256QAM	36	39	18.00	18.17	18.03	15	4					
15	256QAM	75	0	18.04	18.07	18.01							
Channel													
Frequency (MHz)				42140	42540	43040	Turn-up time (min)	MFR (dB)					
10	QPSK	1	0	22.09	22.19	22.13	23	0					
10	QPSK	1	24	22.01	22.11	22.12							
10	QPSK	1	49	21.88	21.99	22.07	23	0					
10	QPSK	25	0	21.97	21.78	22.04							
10	QPSK	25	12	21.90	22.05	21.96	23	0					
10	QPSK	25	25	21.92	21.78	22.03							
10	QPSK	50	0	21.81	22.09	21.97	23	0					
10	16QAM	1	0	21.94	22.08	22.05							
10	16QAM	1	25	21.95	22.08	22.03	23	0					
10	16QAM	25	0	21.97	21.17	21.97							
10	16QAM	25	0	20.95	21.17	20.99	22	1					
10	16QAM	25	12	20.84	21.08	20.99							
10	16QAM	50	0	21.01	21.01	21.17	22	1					
10	64QAM	1	0	20.98	21.01	21.07							
10	64QAM	1	24	20.88	21.05	21.15	22	1					
10	64QAM	1	49	20.88	21.09	21.10							
10	64QAM	25	0	20.96	20.17	20.10	21	2					
10	64QAM	25	12	19.94	20.10	20.17							
10	64QAM	25	25	19.91	20.13	20.11	19	4					
10	64QAM	50	0	20.00	20.12	20.11							
10	256QAM	1	0	18.09	18.16	18.15	19	4					
10	256QAM	1	25	17.92	18.14	18.06							
10	256QAM	1	49	18.01	18.16	18.03	19	4					
10	256QAM	25	0	17.88	18.16	18.07							
10	256QAM	25	12	17.89	18.23	18.05	19	4					
10	256QAM	25	25	17.92	18.14	18.05							
Channel													
Frequency (MHz)				42115	42560	43065	Turn-up time (min)				MFR (dB)		
5	QPSK	1	0	22.03	22.22	22.05	23	0					
5	QPSK	1	12	21.88	22.06	22.05							
5	QPSK	1	24	21.84	22.12	21.85	23	0					
5	QPSK	12	0	21.85	21.85	22.01							
5	QPSK	12	7	21.93	22.00	21.92	23	0					
5	QPSK	12	13	21.87	21.98	21.89							
5	QPSK	25	0	21.86	22.09	21.97	23	0					
5	16QAM	1	0	22.07	22.01	21.82							
5	16QAM	1	12	21.99	22.07	21.99	23	0					
5	16QAM	1	24	22.04	22.11	21.83							
5	16QAM	12	0	21.08	21.11	20.99	22	1					
5	16QAM	12	7	20.94	21.07	20.96							
5	16QAM	12	13	20.92	21.15	20.88	22	1					
5	16QAM	25	0	20.95	21.14	20.97							
5	64QAM	1	0	20.94	21.18	20.91	21	2					
5	64QAM	1	12	20.99	21.12	20.88							
5	64QAM	1	24	20.95	21.10	20.81	21	2					
5	64QAM	12	0	19.97	20.03	19.91							
5	64QAM	12	7	20.06	20.08	19.99	21	2					
5	64QAM	12	13	19.97	20.00	19.96							
5	64QAM	25	0	19.99	20.18	19.98	19	4					
5	64QAM	25	12	19.92	20.10	19.99							
5	64QAM	25	24	19.88	20.12	19.97	19	4					
5	64QAM	50	0	19.96	20.02	19.95							
5	256QAM	1	0	18.00	18.00	18.00	19	4					
5	256QAM	12	13	17.97	18.15	17.87							

Reduced Power Mode for ECI 6

GSM900_Ant 0	Band Average Power (dBm)			Flare/Choke Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	924.0	936.4	948.8	924.0	936.4	948.8
GSM 1 Tx act	32.53	32.55	32.51	33.80	23.53	23.55
GPB2 1 Tx act	12.48	12.52	12.48	33.80	23.52	23.48
GPB2 2 Tx act	31.78	31.75	31.74	32.80	25.70	25.75
GPB2 3 Tx act	29.81	29.87	29.85	31.80	25.85	25.71
GPB2 4 Tx act	28.81	28.85	28.79	30.80	25.81	25.79
EDGE 1 Tx act	26.69	26.71	26.64	28.80	17.69	17.71
EDGE 2 Tx act	25.23	25.27	24.85	26.80	16.23	16.27
EDGE 3 Tx act	22.71	22.73	22.57	24.00	18.45	18.47
EDGE 4 Tx act	21.03	21.12	21.09	22.80	18.03	18.12

GSM1800_Ant 2	Band Average Power (dBm)			Flare/Choke Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	1852.0	1864	1868	1852.0	1868	1869.8
GSM 1 Tx act	28.49	28.52	28.48	28.80	19.49	19.58
GPB2 1 Tx act	15.35	15.43	15.33	28.80	19.35	19.43
GPB2 2 Tx act	25.81	25.88	25.87	26.79	19.81	19.89
GPB2 3 Tx act	23.81	23.82	23.79	25.80	19.55	19.58
GPB2 4 Tx act	22.58	22.73	22.70	23.80	19.58	19.70
EDGE 1 Tx act	26.23	26.34	26.26	27.00	17.53	17.54
EDGE 2 Tx act	24.23	24.46	24.42	25.80	16.23	16.46
EDGE 3 Tx act	21.05	21.05	21.03	23.80	18.03	18.03
EDGE 4 Tx act	21.03	21.08	21.01	22.80	18.53	18.51

Band		WCDMA II_Ant 2			WCDMA IV_Ant 2			WCDMA V_Ant 0		
TX Channel	Limit	5582	5600	5598	1812	1818	1818	4112	4152	4213
Rx Channel	Limit	5680	5693	5698	1830	1838	1798	4322	4440	4458
Frequency (MHz)	Limit	1852.4	1880	1907.6	1712.4	1722.6	1752.6	836.4	836.4	866.6
SCPP Band 0	18.20	18.73	18.23	21.70	19.20	19.70	19.70	21.70	21.63	21.63
SCPP Band 1	19.88	19.88	19.83	21.70	19.81	19.88	19.82	21.70	23.08	23.10
SCPP Band 2	19.83	19.82	19.81	21.70	19.75	19.77	19.74	21.70	22.19	22.28
SCPP Band 3	19.81	19.81	19.73	21.70	19.85	19.75	19.80	21.70	22.64	22.19
SCPP Band 4	19.84	19.74	19.79	21.70	19.78	19.79	19.78	21.70	21.57	21.76
SCPP Band 5	19.76	19.75	19.71	21.70	19.80	19.75	19.71	21.70	21.58	21.69
SCPP Band 6	19.82	19.78	19.75	21.70	19.77	19.78	19.76	21.70	22.05	22.11
SCPP Band 7	19.72	19.82	19.78	21.70	19.74	19.73	19.71	21.70	21.87	22.10
SCPP Band 8	19.77	19.83	19.81	21.70	19.74	19.85	19.79	21.70	21.48	21.72
SCPP Band 9	19.71	19.74	19.78	21.70	19.73	19.84	19.79	21.70	21.47	21.74
SCPP Band 10	19.74	19.74	19.73	21.70	19.77	19.81	19.78	21.70	20.02	20.16
SCPP Band 11	19.85	19.73	19.74	21.00	19.77	19.79	19.79	21.00	20.08	20.21
SCPP Band 12	19.71	19.84	19.72	21.70	19.79	19.79	19.79	21.70	21.15	21.21
SCPP Band 13	19.74	19.76	19.82	21.00	19.78	19.82	19.78	21.00	19.69	19.73
SCPP Band 14	19.74	19.81	19.80	21.70	19.73	19.83	19.81	21.70	21.19	21.20
SCPP Band 15	19.81	19.73	19.73	20.80	19.69	19.82	19.75	20.80	20.01	19.97

Band 2_Ant 2												
RF (MHz)	Modulation	RB Size	PRB Offset	Power (W)	Power (dBm)	Power (dBm)	Power (dBm)	Turn-up time (min)	MFR (dB)			
Channel				18670	18680	19100						
10	QPSK	1	0	22.07	22.07	22.07	22.07					
20	QPSK	1	49	22.06	22.02	21.83	23	0				
20	QPSK	1	99	21.99	22.01	22.02	23	0				
20	QPSK	50	0	22.06	22.02	21.83	23	0				
20	QPSK	90	24	22.10	22.06	21.92	23	0				
20	QPSK	50	50	22.11	21.98	22.02	23	0				
20	QPSK	50	100	22.08	22.04	21.85	23	0				
20	HQAM	1	0	22.02	22.10	21.99	23	0				
20	HQAM	1	49	22.02	22.10	21.99	23	0				
20	HQAM	1	99	22.04	22.07	22.05	23	0				
20	HQAM	50	0	22.09	21.93	21.81	23	0				
20	HQAM	50	50	22.08	21.93	21.81	23	0				
20	HQAM	50	100	21.10	21.05	20.92	22	1				
20	HQAM	100	0	21.04	21.12	21.03	22	1				
20	HQAM	100	50	21.04	21.12	21.03	22	1				
20	HQAM	1	49	21.05	21.10	20.94	22	1				
20	HQAM	1	99	21.11	20.96	21.01	22	1				
20	HQAM	50	0	21.08	21.03	20.91	21	2				
20	HQAM	50	24	20.97	20.94	20.99	21	2				
20	HQAM	50	50	20.97	20.95	20.92	21	2				
20	HQAM	50	100	20.96	20.95	20.92	21	2				
20	SSBDM	1	0	18.01	18.02	17.94	19					
20	SSBDM	1	49	17.98	18.03	17.98	19					
20	SSBDM	1	99	18.01	18.07	18.05	19					
20	SSBDM	50	0	18.01	18.02	17.95	19					
20	SSBDM	50	50	17.98	18.03	17.98	19					
20	SSBDM	50	100	18.01	18.01	18.02	19					
20	SSBDM	100	0	18.06	17.98	18.01	19					
Channel				18670	18680	19100	Turn-up time (min)	MFR (dB)				
10	QPSK	1	0	21.99	21.99	21.99	23	0				
10	QPSK	1	49	21.99	22.02	21.80	23	0				
10	QPSK	1	99	22.00	22.00	22.01	23	0				
10	QPSK	14	21	22.00	22.04	21.87	23	0				
10	QPSK	1	25	22.09	22.05	21.81	23	0				
10	QPSK	25	0	22.09	22.05	21.81	23	0				
10	QPSK	25	12	22.01	21.92	21.71	23	0				
10	QPSK	25	25	22.02	21.97	21.80	23	0				
10	QPSK	50	0	21.86	22.00	21.99	23	0				
10	QPSK	50	50	21.88	22.05	21.88	23	0				
10	HQAM	1	0	21.91	21.97	21.88	23	0				
10	HQAM	1	49	22.00	22.01	21.95	23	0				
10	HQAM	1	99	21.99	22.00	21.95	23	0				
10	HQAM	25	12	21.00	20.92	20.86	22	1				
10	HQAM	25	25	21.03	21.06	20.94	22	1				
10	HQAM	1	0	20.88	21.01	20.92	22	1				
10	HQAM	1	49	20.88	21.01	20.92	22	1				
10	HQAM	1	99	20.91	21.10	20.95	22	1				
10	HQAM	1	25	20.91	21.03	20.91	22	1				
10	HQAM	1	50	20.88	21.01	20.92	22	1				
10	HQAM	25	0	19.95	19.98	19.98	21	2				
10	HQAM	25	12	20.02	20.05	19.93	21	2				
10	HQAM	25	25	20.02	20.05	19.93	21	2				
10	HQAM	50	0	19.95	20.00	19.95	21	2				
10	HQAM	50	50	20.00	20.00	20.00	21	2				
10	HQAM	50	100	19.95	20.00	19.95	21	2				
10	SSBDM	1	0	17.95	18.01	17.97	19					
10	SSBDM	1	49	17.88	18.00	17.96	19					
10	SSBDM	1	99	17.95	18.01	17.97	19					
10	SSBDM	25	12	17.97	17.96	17.92	19					
10	SSBDM	25	25	17.88	17.98	17.93	19					
10	SSBDM	50	0	17.88	17.98	17.93	19					
10	SSBDM	50	50	17.88	17.98	17.93	19					
10	SSBDM	50	100	17.88	17.98	17.93	19					
Channel				18670	18680	19100	Turn-up time (min)	MFR (dB)				
10	QPSK	1	0	22.07	22.07	22.07	23	0				
10	QPSK	1	49	22.06	22.02	21.83	23	0				
10	QPSK	1	99	21.99	22.01	22.02	23	0				
10	QPSK	14	21	22.00	22.04	21.87	23	0				
10	QPSK	1	25	22.09	22.05	21.81	23	0				
10	QPSK	25	0	22.09	22.05	21.81	23	0				
10	QPSK	25	12	22.01	21.92	21.71	23	0				
10	QPSK	25	25	22.02	21.97	21.80	23	0				
10	QPSK	50	0	21.86	22.00	21.99	23	0				
10	QPSK	50	50	21.88	22.05	21.88	23	0				
10	HQAM	1	0	21.91	21.97	21.88	23	0				
10	HQAM	1	49	22.00	22.01	21.95	23	0				
10	HQAM	1	99	21.99	22.00	21.95	23	0				
10	HQAM	12	13	21.00	20.98	20.84	22	1				
10	HQAM	25	0	20.92	21.01	20.89	22	1				
10	HQAM	25	13	20.91	21.01	20.89	22	1				
10	HQAM	1	24	21.06	20.93	20.80	22	1				
10	HQAM	1	9	21.06	20.93	20.80	22	1				
10	HQAM	12	7	19.92	19.98	19.93	21	2				
10	HQAM	12	13	20.03	19.97	19.89	21	2				
10	HQAM	12	13	20.03	19.97	19.89	21	2				
10	HQAM	1	9	19.91	20.01	19.91	21	2				
10	SSBDM	1	0	17.98	17.97	17.90	19					
10	SSBDM	1	49	17.95	18.00	17.95	19					
10	SSBDM	1	99	17.98	18.00	17.97	19					
10	SSBDM	1	24	17.97	17.94	17.87	19					
10	SSBDM	12	0	17.83	18.08	17.83	19					
10	SSBDM	12	7	17.83	18.08	17.83	19					
10	SSBDM	12	13	17.83	18.08	17.83	19					
10	SSBDM	14	13	17.83	17.98	17.82	19					
10	SSBDM	25	0	17.94	17.88	17.87	19					
Channel				18670	18680	19100	Turn-up time (min)	MFR (dB)				
3	QPSK	1	0	22.07	22.07	22.07	23	0				
3	QPSK	1	49	22.06	22.02	21.83	23	0				
3	QPSK	1	99	21.99	22.01	22.02	23	0				
3	QPSK	14	21	22.00	22.04	21.87	23	0				
3	QPSK	1	25	22.09	22.05	21.81	23	0				
3	QPSK	25	0	22.09	22.05	21.81	23	0				
3	QPSK	25	12	22.01	21.92	21.71	23	0				
3	QPSK	25	25	22.02	21.97	21.80	23	0				
3	QPSK	50	0	21.86	22.00	21.99	23	0				
3	QPSK	50	50	21.88	22.05	21.88	23	0				
3	HQAM	1	0	21.92	21.96	21.87	23	0				
3	HQAM	1	49	22.01	22.00	21.94	23	0				
3	HQAM	1	99	21.98	21.99	21.94	23	0				
3	HQAM	14	13	21.00	20.98	20.84	22	1				
3	HQAM	25	0	20.92	21.04	20.96	22	1				
3	HQAM	25	13	20.91	21.04	20.96	22	1				
3	HQAM	1	24	21.05	20.98	20.89	22	1				
3	HQAM	1	14	21.05	20.98	20.89	22	1				
3	HQAM	8	7	19.97	19.95	19.84	21	2				
3	HQAM	8	7	19.97	19.95	19.84	21	2				
3	HQAM	19	0	19.91	20.00	19.92	21	2				
3	HQAM	19	0	19.91	20.00	19.92	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19.98	19.86	21	2				
3	HQAM	1	14	19.86	19							

Band 2_Ant 8										
RF (MHz)	Modulation	RB Size	PRB Offset	Power Level (Ch / Freq)	Power Level (Ch / Freq)	Power Level (Ch / Freq)	Time-use (min)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	8	21.10	21.10	21.10				
20	QPSK	1	48	21.01	21.01	21.08	22	0		
20	QPSK	1	88	21.08	21.01	21.03				
20	QPSK	1	128	21.03	21.01	21.03				
20	QPSK	50	24	21.00	21.08	21.02				
20	QPSK	50	50	20.99	21.08	21.04	22	0		
20	QPSK	50	74	20.99	21.08	21.01				
20	HQPSK	1	0	21.12	21.02	21.02				
20	HQPSK	1	48	21.02	21.01	21.11	22	0		
20	HQPSK	1	88	21.10	21.00	21.01				
20	HQPSK	50	3	21.13	21.05	21.06				
20	HQPSK	50	27	21.05	21.01	21.02	21	1		
20	HQPSK	50	50	21.07	21.01	21.08				
20	HQPSK	100	0	21.03	21.07	21.11				
20	HQPSK	100	24	21.03	21.07	21.03				
20	HQPSK	1	48	20.99	21.06	21.07	22	0		
20	HQPSK	1	88	21.06	21.07	21.09				
20	HQPSK	50	99	21.06	21.07	21.09				
20	HQPSK	50	124	20.97	21.02	21.09				
20	SSB-AM	1	0	18.06	18.10	18.04				
20	SSB-AM	1	48	18.10	18.13	18.08	19	3		
20	SSB-AM	1	88	18.13	18.13	18.05				
20	SSB-AM	50	0	17.99	18.13	18.04				
20	SSB-AM	50	24	18.00	18.03	18.03				
20	SSB-AM	50	50	18.00	18.03	18.04				
20	SSB-AM	100	0	18.13	18.12	18.02	Time-use (min)	MPR (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	18.93	18.93	19.01	21	0		
15	QPSK	1	48	19.01	19.01	21.05				
15	QPSK	1	88	19.01	19.01	21.03				
15	QPSK	1	124	20.97	21.11	20.97	22	0		
15	QPSK	50	0	20.95	20.96	20.91				
15	QPSK	50	24	20.94	21.01	20.91				
15	QPSK	50	48	20.93	21.07	20.91				
15	QPSK	50	74	20.93	21.07	20.97				
15	QPSK	75	0	20.90	21.13	20.97				
15	QPSK	75	24	20.94	21.02	21.04				
15	HQPSK	1	27	19.82	21.02	21.10	22	0		
15	HQPSK	1	67	19.82	21.02	21.02				
15	HQPSK	36	0	20.93	20.91	20.99				
15	HQPSK	36	20	20.96	20.95	20.94	22	0		
15	HQPSK	36	40	20.94	21.01	20.94				
15	HQPSK	75	0	20.91	20.95	21.11				
15	HQPSK	1	0	20.87	21.06	21.00				
15	HQPSK	1	48	20.87	21.06	21.00				
15	HQPSK	36	0	19.82	20.99	20.99				
15	HQPSK	36	20	19.82	20.99	20.99				
15	HQPSK	75	0	19.80	21.01	19.80	21	1		
15	SSB-AM	1	0	17.79	18.14	17.87				
15	SSB-AM	1	48	17.79	18.03	17.86				
15	SSB-AM	1	88	17.78	18.08	18.02				
15	SSB-AM	50	0	17.88	17.83	17.82	19	3		
15	SSB-AM	50	24	17.84	17.85	17.85				
15	SSB-AM	50	50	17.84	17.85	17.84				
15	SSB-AM	75	0	17.94	17.94	17.91				
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.09	21.00	20.93				
10	QPSK	1	25	20.98	21.08	20.88	22	0		
10	QPSK	1	49	20.98	21.08	20.87				
10	QPSK	25	0	21.04	20.97	20.92				
10	QPSK	25	12	21.01	20.94	20.90	22	0		
10	QPSK	25	24	20.98	21.00	20.87				
10	QPSK	50	0	20.98	20.97	20.87				
10	QPSK	50	12	20.99	21.02	20.95	22	0		
10	QPSK	50	24	20.98	21.00	20.88				
10	HQPSK	1	49	20.98	21.00	21.00				
10	HQPSK	1	89	21.00	21.00	21.00				
10	HQPSK	25	12	21.04	21.01	20.91	22	0		
10	HQPSK	25	25	20.99	20.97	20.91				
10	HQPSK	50	0	20.94	21.06	20.94	21	1		
10	HQPSK	1	0	20.92	21.09	20.90				
10	HQPSK	1	25	20.90	20.99	20.94	22	0		
10	HQPSK	1	49	20.94	21.01	20.94				
10	HQPSK	25	0	19.90	20.91	19.78				
10	HQPSK	25	12	20.00	20.91	19.99	21	1		
10	HQPSK	25	25	19.99	20.93	19.89				
10	SSB-AM	1	0	17.94	18.05	17.96	19	3		
10	SSB-AM	1	49	17.99	17.95	17.92				
10	SSB-AM	1	89	17.99	17.95	17.92				
10	SSB-AM	25	12	17.92	17.94	17.93	19	3		
10	SSB-AM	25	25	17.99	17.89	17.93				
10	SSB-AM	50	0	17.92	17.89	17.88				
Channel										
Frequency (MHz)										
5	QPSK	1	0	18.625	18.60	18.575	Time-use (min)	MPR (dB)		
5	QPSK	1	8	18.625	18.60	18.575				
5	QPSK	1	12	21.02	20.95	20.95	22	0		
5	QPSK	1	24	20.88	20.96	20.88				
5	QPSK	1	48	20.96	20.96	20.83				
5	QPSK	12	7	20.93	21.01	20.88	22	0		
5	QPSK	12	13	20.94	21.02	20.89				
5	QPSK	25	0	20.91	21.06	20.87				
5	HQPSK	1	0	20.91	20.96	20.93	22	0		
5	HQPSK	1	12	20.99	20.94	20.85				
5	HQPSK	1	24	20.98	20.98	20.81				
5	HQPSK	12	0	21.03	20.92	20.95	22	0		
5	HQPSK	12	13	20.89	20.97	20.79				
5	HQPSK	25	0	20.96	20.93	20.83				
5	HQPSK	25	13	20.96	20.98	20.88				
5	HQPSK	1	12	20.95	21.03	20.81	22	0		
5	HQPSK	1	24	21.03	20.99	20.81				
5	HQPSK	12	0	19.82	20.91	19.87	21	1		
5	HQPSK	12	13	20.02	20.98	19.87				
5	HQPSK	25	0	19.89	20.98	19.87				
5	SSB-AM	1	0	17.88	18.01	17.97	19	3		
5	SSB-AM	1	12	17.87	18.00	17.96				
5	SSB-AM	1	24	17.96	17.90	17.85				
5	SSB-AM	12	0	18.04	17.86	17.81				
5	SSB-AM	12	13	17.90	18.00	17.90				
5	SSB-AM	25	0	17.96	17.84	17.72	19	3		
5	SSB-AM	25	0	17.88	18.02	17.99				
Channel										
Frequency (MHz)										
3	QPSK	1	0	20.95	21.02	20.97				
3	QPSK	1	8	20.95	20.95	20.88	22	0		
3	QPSK	1	14	20.93	21.07	20.99				
3	QPSK	8	0	20.95	20.90	20.85				
3	QPSK	8	8	20.95	20.95	20.82	22	0		
3	QPSK	15	0	21.01	20.80	20.89				
3	HQPSK	1	0	20.98	20.98	20.95				
3	HQPSK	1	8	20.97	21.02	20.99	22	0		
3	HQPSK	1	14	20.78	20.96	20.83				
3	HQPSK	8	0	20.81	20.91	20.43				
3	HQPSK	8	4	20.82	20.89	20.50	22	0		
3	HQPSK	15	0	20.85	20.94	20.52				
3	HQPSK	1	0	20.95	21.03	20.96				
3	HQPSK	1	8	20.95	20.95	20.82	22	0		
3	HQPSK	14	0	20.92	21.06	20.97				
3	HQPSK	8	0	20.00	20.99	19.93				
3	HQPSK	8	8	20.98	20.98	19.87				
3	HQPSK	15	0	19.90	19.98	19.89	21	1		
3	HQPSK	15	0	18.87	19.93	19.92				
3	SSB-AM	1	0	17.97	17.89	17.89	19	3		
3	SSB-AM	1	8	17.98	18.04	17.93				
3	SSB-AM	1	14	18.01	18.07	18.02				
3	SSB-AM	8	0	17.92	18.01	17.93				
3	SSB-AM	8	4	17.96	18.03	17.94	19	3		
3	SSB-AM	15	0	17.80	17.85	17.85				
3	SSB-AM	15	0	17.90	17.82	17.96				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	21.03	21.13	21.03				
1.4	QPSK	1	3	20.89	20.99	20.80	22	0		
1.4	QPSK	1	6	21.06	21.06	21.06				
1.4	QPSK	1	9	20.94	21.11	20.82				
1.4	QPSK	1	1	20.94	20.92	20.99				
1.4	QPSK	1	12	21.05	21.06	21.05				
1.4	QPSK	6	0	20.90	21.03	20.80	22	0		
1.4	HQPSK	1	0	20.85	21.00	20.83				
1.4	HQPSK	1	3	20.99	20.98	20.84	22	0		
1.4	HQPSK	1	6	20.82	21.01	20.78				
1.4	HQPSK	6	0	20.89	20.96	20.96				
1.4	HQPSK	6	3	20.96	20.99	20.81				
1.4	HQPSK	3	0	20.91	20.97	20.90	22	0		
1.4	HQPSK	3	3	20.99	20.97	20.87				
1.4	HQPSK	1	0	20.75	21.01	20.82				
1.4	HQPSK	1	3	20.85	20.95	20.86				
1.4	HQPSK	1	6	20.92	21.02	20.93	22	0		
1.4	HQPSK	6	0	20.78	20.97	20.83				
1.4	HQPSK	9	0	20.75	21.01	20.79				

Band 2_Ant 9												
RF [MHz]	Modulation	RIS Size	RF Offset	Power Level [dBm]	Power Ch. Freq [Hz]	Power Ch. Freq [Hz]	Power Ch. Freq [Hz]	Turn-on time (dBm)	MFR (dB)			
Channel									18700	18800	18900	
20	QPSK	1	0	23.12	23.12	23.12	23.12					
20	QPSK	1	48	23.09	23.03	22.98	22.92		24	0		
20	QPSK	1	96	22.98	22.92	22.84	22.81					
20	QPSK	1	144	22.95	22.89	22.82	22.79					
20	QPSK	50	24	22.05	22.02	21.99	21.96		23	1		
20	QPSK	50	72	21.99	21.96	21.93	21.90					
20	QPSK	100	22	22.02	22.00	21.98	21.96					
20	16QAM	1	0	22.45	22.34	22.28	22.24					
20	16QAM	1	48	22.34	22.26	22.20	22.16					
20	16QAM	1	96	22.22	22.16	22.12	22.08					
20	16QAM	50	0	21.10	21.03	21.01	21.01					
20	16QAM	50	48	21.04	20.98	20.97	20.97					
20	16QAM	50	96	20.99	20.96	20.94	20.94		22	2		
20	16QAM	100	0	21.04	20.98	20.97	20.97					
20	16QAM	100	48	21.02	20.96	20.95	20.95					
20	16QAM	1	48	21.27	21.14	21.11	21.11					
20	16QAM	1	96	21.12	21.01	21.00	21.00					
20	16QAM	50	24	20.11	20.05	20.05	20.05					
20	16QAM	50	72	20.10	20.06	20.02	20.02					
20	16QAM	100	22	20.06	20.02	20.00	20.00					
20	16QAM	1	0	18.08	18.04	18.06	18.06					
20	16QAM	1	48	17.94	17.83	17.83	17.83		19	5		
20	16QAM	1	96	18.08	18.14	18.05	18.05					
20	16QAM	50	0	18.04	18.09	17.99	17.99					
20	16QAM	50	48	18.03	18.03	18.03	18.03					
20	16QAM	50	96	18.03	18.13	18.12	18.12		19	5		
20	16QAM	100	0	18.07	18.11	18.05	18.05					
Channel									18850	18900	18950	
15	QPSK	1	0	23.11	23.13	23.02	22.92				MFR (dB)	
15	QPSK	1	48	23.01	22.95	22.87	22.81		24	0		
15	QPSK	1	74	22.92	22.82	22.83	22.83					
15	QPSK	1	96	22.91	21.99	21.93	21.93					
15	QPSK	50	24	22.05	22.01	21.98	21.97		23	1		
15	QPSK	50	38	21.85	21.86	21.88	21.88					
15	QPSK	75	0	21.91	21.98	21.94	21.94					
15	QPSK	75	48	21.92	21.86	21.87	21.87					
15	16QAM	1	37	22.20	22.16	22.12	22.12		23	1		
15	16QAM	1	48	22.16	22.12	22.10	22.10					
15	16QAM	36	0	20.96	20.94	20.95	20.95					
15	16QAM	36	20	20.98	21.01	20.98	20.98					
15	16QAM	36	40	21.04	21.04	21.04	21.04		22	2		
15	16QAM	75	0	20.96	20.91	20.91	20.91					
15	16QAM	1	0	21.24	21.09	21.07	21.07					
15	16QAM	1	48	21.17	21.07	21.07	21.07		22	2		
15	16QAM	1	74	21.05	21.01	21.04	21.04					
15	16QAM	50	0	20.97	20.96	20.98	20.98					
15	16QAM	50	24	20.93	20.94	20.91	20.91					
15	16QAM	50	38	20.98	20.98	20.98	20.98		21	3		
15	16QAM	75	0	20.98	20.98	20.98	20.98					
15	16QAM	1	0	18.00	17.93	18.05	18.05					
15	16QAM	1	37	17.82	18.04	18.01	18.01		19	5		
15	16QAM	1	48	18.00	18.00	17.93	17.93					
15	16QAM	36	0	18.01	17.99	17.99	17.99					
15	16QAM	36	20	17.84	18.02	17.98	17.98					
15	16QAM	36	40	18.00	18.00	17.97	17.97					
15	16QAM	75	0	17.82	18.10	18.01	18.01					
Channel									18850	18900	18950	
10	QPSK	1	0	22.97	23.00	23.00	23.01				MFR (dB)	
10	QPSK	1	24	22.94	22.93	22.93	22.93		24	0		
10	QPSK	1	48	22.91	22.81	22.81	22.81					
10	QPSK	25	0	22.02	22.02	21.99	21.99					
10	QPSK	25	12	22.02	21.92	21.97	21.88					
10	QPSK	50	0	22.03	21.94	21.83	21.83					
10	QPSK	50	12	22.05	22.02	22.01	22.01		23	1		
10	16QAM	1	25	21.95	21.95	21.93	21.93					
10	16QAM	1	48	22.08	22.13	22.23	22.23					
10	16QAM	1	72	22.01	22.01	22.01	22.01		22	2		
10	16QAM	25	12	21.03	20.98	20.98	20.98					
10	16QAM	25	25	20.98	20.91	20.90	20.90					
10	16QAM	50	0	20.93	20.93	20.93	20.93					
10	16QAM	1	0	21.20	21.16	21.09	21.09					
10	16QAM	1	25	21.22	21.10	20.97	20.97		22	2		
10	16QAM	1	48	21.07	21.07	21.07	21.07					
10	16QAM	25	0	20.93	20.97	20.98	20.98		21	3		
10	16QAM	25	12	20.91	20.86	20.85	20.85					
10	16QAM	50	0	20.98	20.98	20.98	20.98					
10	16QAM	50	12	20.99	20.98	20.98	20.98					
10	16QAM	1	25	17.87	17.98	17.97	17.97		19	5		
10	16QAM	1	48	18.05	18.00	17.92	17.92					
10	16QAM	25	12	17.83	18.07	17.98	17.98					
10	16QAM	25	25	17.92	18.11	18.01	18.01		19	5		
10	16QAM	50	0	17.86	17.98	18.02	18.02					
Channel									18825	18850	18875	
5	QPSK	1	0	22.97	22.97	22.97	22.97				MFR (dB)	
5	QPSK	1	12	23.01	22.98	22.98	22.91		24	0		
5	QPSK	1	24	22.97	22.79	22.87	22.87					
5	QPSK	1	36	22.91	22.81	22.81	22.81					
5	QPSK	12	7	22.01	21.98	21.98	21.88					
5	QPSK	12	13	21.93	21.83	21.85	21.83		23	1		
5	QPSK	12	25	22.02	22.02	22.02	22.02					
5	16QAM	1	0	22.43	22.21	22.20	22.20					
5	16QAM	1	12	22.29	22.10	22.12	22.12		23	1		
5	16QAM	1	24	22.19	22.16	22.15	22.15					
5	16QAM	12	0	21.04	20.98	20.87	20.87					
5	16QAM	12	10	21.02	20.98	20.98	20.98					
5	16QAM	12	13	20.84	20.91	20.95	20.95		22	2		
5	16QAM	25	0	21.02	20.84	20.91	20.91					
5	16QAM	25	12	21.12	21.12	21.13	21.13					
5	16QAM	1	12	21.13	21.10	21.02	21.02					
5	16QAM	1	24	21.03	21.01	20.98	20.97					
5	16QAM	12	7	20.08	19.98	19.99	19.99		21	3		
5	16QAM	12	13	20.01	19.91	19.93	19.93					
5	16QAM	12	25	20.04	20.04	20.04	20.04					
5	16QAM	1	0	17.93	18.02	17.97	17.97					
5	16QAM	1	12	18.02	18.02	18.01	18.01					
5	16QAM	1	24	17.99	18.05	18.05	18.05					
5	16QAM	12	0	17.98	18.01	17.97	17.97					
5	16QAM	12	10	18.01	18.01	17.91	17.91		19	5		
5	16QAM	12	19	17.96	18.10	18.02	18.02					
5	16QAM	25	0	18.02	18.01	17.98	17.98					
Frequency (MHz)									18817.5	18850	18867.5	
3	QPSK	1	0	22.99	23.03	23.02	23.02				Turn-on time (dBm)	
3	QPSK	1	8	22.97	22.97	22.97	22.97		24	0		
3	QPSK	1	14	22.98	22.80	22.92	22.92					
3	QPSK	8	7	21.85	21.82	21.77	21.77		23	1		
3	QPSK	15	0	22.02	21.97	21.93	21.93					
3	QPSK	15	8	22.00	21.98	21.98	21.98					
3	16QAM	1	8	22.25	22.06	22.15	22.15		23	1		
3	16QAM	1	14	22.11	22.01	22.19	22.19					
3	16QAM	8	4	21.93	21.96	21.99	21.99					
3	16QAM	8	8	21.93	21.96	21.99	21.99					
3	16QAM	15	0	20.94	20.87	20.92	20.92					
3	16QAM	1	0	21.23	21.07	21.08	21.08					
3	16QAM	1	8	21.18	21.07	21.07	21.07		22	2		
3	16QAM	1	14	21.03	21.08	21.01	21.01					
3	16QAM	8	0	20.94	20.93	20.90	20.90					
3	16QAM	8	8	20.98	20.98	20.98	20.98		21	3		
3	16QAM	15	0	20.91	20.86	20.97	20.97					
3	16QAM	1	8	17.87	17.88	17.98	17.98		19	5		
3	16QAM	1	14	17.87	17.87	17.99	17.99					
3	16QAM	8	0	17.84	18.01	17.94	17.94					
3	16QAM	8	4	17.83	18.01	17.87	17.87					
3	16QAM	15</										

Band 4_Ant 2											
BW [MHz]	Modulation	RIS	RB	Offset	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Power [dBm]	Turn-on [dBm]	APRS [dBm]
Channel					20050	20175	20300	20425	20550	Turn-on [dBm]	APRS [dBm]
Frequency (MHz)					1717.5	1732.5	1747.5	1762.5	1777.5		
20	QPSK	1	0	23.05	23.05	23.05	23.05	23.05	23.05	23.05	23.05
20	QPSK	1	46	23.05	22.98	22.98	22.98	22.98	22.98	24	0
20	QPSK	1	99	22.95	22.88	22.88	22.88	22.88	22.88	24	0
20	QPSK	1	152	22.85	22.78	22.78	22.78	22.78	22.78	24	0
20	QPSK	50	24	21.95	22.09	22.09	22.09	22.09	22.09	23	1
20	QPSK	50	77	21.98	22.03	22.03	22.03	22.03	22.03	23	1
20	QPSK	50	130	21.95	22.00	22.00	22.00	22.00	22.00	23	1
20	16QAM	1	0	21.99	22.02	22.02	22.02	22.02	22.02	23	1
20	16QAM	1	46	21.95	22.00	22.00	22.00	22.00	22.00	23	1
20	16QAM	1	99	22.04	22.08	22.08	22.08	22.08	22.08	23	1
20	16QAM	50	24	19.99	20.03	20.03	20.03	20.03	20.03	21	3
20	16QAM	50	77	20.01	20.10	20.10	20.10	20.10	20.10	21	3
20	16QAM	50	130	19.99	20.03	20.03	20.03	20.03	20.03	21	3
20	256QAM	1	0	18.67	18.62	17.95	17.95	17.95	17.95	19	5
20	256QAM	1	46	18.67	18.62	17.95	17.95	17.95	17.95	19	5
20	256QAM	1	99	18.06	18.04	17.87	17.87	17.87	17.87	19	5
20	256QAM	50	24	17.99	18.07	17.97	17.97	17.97	17.97	19	5
20	256QAM	50	77	18.03	18.03	17.86	17.86	17.86	17.86	19	5
20	256QAM	50	130	17.97	17.97	17.87	17.87	17.87	17.87	19	5
20	256QAM	100	0	17.98	18.06	17.98	17.98	17.98	17.98	19	5
Channel					20050	20175	20300	20425	20550	Turn-on [dBm]	APRS [dBm]
Frequency (MHz)					1717.5	1732.5	1747.5	1762.5	1777.5		
15	QPSK	1	0	23.05	23.07	22.90	22.90	22.90	22.90	23.05	23.05
15	QPSK	1	46	23.05	23.07	22.90	22.90	22.90	22.90	23.05	23.05
15	QPSK	1	99	22.95	22.97	22.80	22.80	22.80	22.80	23.05	23.05
15	QPSK	1	152	22.85	22.87	22.70	22.70	22.70	22.70	23.05	23.05
15	QPSK	36	0	21.84	22.06	21.81	21.81	21.81	21.81	21.84	21.84
15	QPSK	36	46	21.84	22.06	21.81	21.81	21.81	21.81	21.84	21.84
15	QPSK	36	99	21.88	22.02	21.80	21.80	21.80	21.80	21.84	21.84
15	QPSK	36	152	21.83	22.04	21.84	21.84	21.84	21.84	21.84	21.84
15	QPSK	36	205	21.88	22.01	21.87	21.87	21.87	21.87	21.84	21.84
15	16QAM	1	0	21.82	21.91	21.97	21.97	21.97	21.97	23	1
15	16QAM	1	46	21.88	22.01	21.95	21.95	21.95	21.95	23	1
15	16QAM	36	0	20.52	20.52	20.93	20.93	20.93	20.93	20.52	20.52
15	16QAM	36	46	20.45	20.58	20.49	20.49	20.49	20.49	20.52	20.52
15	16QAM	36	99	20.48	20.58	20.49	20.49	20.49	20.49	20.52	20.52
15	16QAM	36	152	20.52	20.58	20.49	20.49	20.49	20.49	20.52	20.52
15	16QAM	36	205	20.52	20.58	20.49	20.49	20.49	20.49	20.52	20.52
15	256QAM	1	0	17.94	17.89	17.92	17.92	17.92	17.92	17.94	17.94
15	256QAM	1	46	18.06	17.85	17.94	17.94	17.94	17.94	19	5
15	256QAM	1	99	18.06	17.85	17.94	17.94	17.94	17.94	19	5
15	256QAM	36	0	17.85	17.94	17.85	17.85	17.85	17.85	17.85	17.85
15	256QAM	36	46	17.84	17.85	17.94	17.94	17.94	17.94	17.85	17.85
15	256QAM	36	99	17.84	17.85	17.94	17.94	17.94	17.94	17.85	17.85
15	256QAM	36	152	17.84	17.85	17.94	17.94	17.94	17.94	17.85	17.85
15	256QAM	36	205	17.84	17.85	17.94	17.94	17.94	17.94	17.85	17.85
Channel					20050	20175	20300	20425	20550	Turn-on [dBm]	APRS [dBm]
Frequency (MHz)					1717.5	1732.5	1747.5	1762.5	1777.5		
10	QPSK	1	0	23.01	23.04	22.89	22.89	22.89	22.89	23.01	23.01
10	QPSK	1	24	22.92	22.92	22.79	22.79	22.79	22.79	23.01	23.01
10	QPSK	1	48	22.82	22.82	22.69	22.69	22.69	22.69	23.01	23.01
10	QPSK	25	0	21.83	22.07	21.81	21.81	21.81	21.81	21.83	21.83
10	QPSK	25	12	21.82	22.06	21.75	21.75	21.75	21.75	21.83	21.83
10	QPSK	25	24	21.83	22.02	21.75	21.75	21.75	21.75	21.83	21.83
10	QPSK	50	0	21.89	21.91	21.91	21.91	21.91	21.91	21.89	21.89
10	QPSK	50	12	21.88	21.95	21.92	21.92	21.92	21.92	21.89	21.89
10	QPSK	50	24	21.89	21.95	21.91	21.91	21.91	21.91	21.89	21.89
10	16QAM	1	0	21.82	21.91	21.97	21.97	21.97	21.97	23	1
10	16QAM	1	24	21.88	22.01	21.95	21.95	21.95	21.95	23	1
10	16QAM	1	48	21.89	21.95	21.91	21.91	21.91	21.91	23	1
10	16QAM	25	0	20.52	20.52	20.93	20.93	20.93	20.93	20.52	20.52
10	16QAM	25	12	20.49	20.53	20.87	20.87	20.87	20.87	20.52	20.52
10	16QAM	25	24	20.78	21.02	20.80	20.80	20.80	20.80	20.52	20.52
10	16QAM	50	0	21.89	22.00	21.86	21.86	21.86	21.86	21.89	21.89
10	16QAM	50	12	21.91	21.93	21.86	21.86	21.86	21.86	21.89	21.89
10	16QAM	50	24	21.92	21.93	21.86	21.86	21.86	21.86	21.89	21.89
10	256QAM	1	0	17.94	17.89	17.92	17.92	17.92	17.92	17.94	17.94
10	256QAM	1	24	18.01	17.89	17.92	17.92	17.92	17.92	17.94	17.94
10	256QAM	1	48	18.01	17.89	17.92	17.92	17.92	17.92	17.94	17.94
10	256QAM	25	0	17.94	17.82	17.91	17.91	17.91	17.91	17.94	17.94
10	256QAM	25	12	17.94	17.82	17.91	17.91	17.91	17.91	17.94	17.94
10	256QAM	25	24	17.94	17.82	17.91	17.91	17.91	17.91	17.94	17.94
Channel					19975	20175	20300	20425	20550	Turn-on [dBm]	APRS [dBm]
Frequency (MHz)					1711.5	1732.5	1743.5	1763.5	1773.5		
3	QPSK	1	0	22.92	22.92	22.99	22.99	22.99	22.99	22.92	22.92
3	QPSK	1	14	22.92	22.91	22.80	22.80	22.80	22.80	22.92	22.92
3	QPSK	8	0	21.86	21.99	21.85	21.85	21.85	21.85	21.86	21.86
3	QPSK	8	7	21.85	22.01	21.87	21.87	21.87	21.87	21.86	21.86
3	QPSK	15	0	21.85	21.92	21.90	21.90	21.90	21.90	21.86	21.86
3	QPSK	15	7	21.85	22.04	21.87	21.87	21.87	21.87	21.86	21.86
3	16QAM	1	8	21.79	21.84	21.90	21.90	21.90	21.90	21.79	21.79
3	16QAM	1	14	22.00	21.99	21.90	21.90	21.90	21.90	21.79	21.79
3	16QAM	8	0	20.52	20.52	20.93	20.93	20.93	20.93	20.52	20.52
3	16QAM	8	7	20.57	20.57	20.94	20.94	20.94	20.94	20.52	20.52
3	16QAM	15	0	20.58	20.55	20.86	20.86	20.86	20.86	20.52	20.52
3	16QAM	15	7	20.58	20.55	20.86	20.86	20.86	20.86	20.52	20.52
3	16QAM	15	14	21.02	21.00	20.92	20.92	20.92	20.92	20.92	20.92
3	16QAM	8	0	20.53	20.53	20.93	20.93	20.93	20.93	20.53	20.53
3	16QAM	8	7	19.98	20.06	19.87	19.87	19.87	19.87	21	3
3	256QAM	15	0	19.93	19.92	19.76	19.76	19.76	19.76	19.93	19.93
3	256QAM	15	7	19.93	19.92	19.76	19.76	19.76	19.76	19.93	19.93
3	256QAM	15	14	19.93	19.92	19.76	19.76	19.76	19.76	19.93	19.93
3	256QAM	8	0	17.85	17.84	17.91	17.91	17.91	17.91	17.85	17.85
3	256QAM	8	7	17.85	17.86	17.91	17.91	17.91	17.91	17.85	17.85
3	256QAM	8	14	17.85	17.86	17.91	17.91	17.91	17.91	17.85	17.85
3	256QAM	15	0	17.89	17.89	17.73	17.73	17.73	17.73	17.89	17.89
3	256QAM	15	7	17.89	17.87	17.73	17.73	17.73	17.73	17.89	17.89
3	256QAM	15	14	17.89	17.87	17.73	17.73	17.73	17.73	17.89	17.89
Channel					19975	20175	20300	20425	20550	Turn-on [dBm]	APRS [dBm]
Frequency (MHz)					1711.5	1732.5	1743.5	1763.5	1773.5		
1.4	QPSK	1	0	22.99	22.92	22.98	22.98	22.98	22.98	22.99	22.99
1.4	QPSK	1	3	22.88	22.89	22.86	22.86	22.86	22.86	22.99	22.99
1.4	QPSK	1	6	22.88	22.89	22.86	22.86	22.86	22.86	22.99	22.99
1.4	QPSK	3	0	22.08	22.24	22.04	22.04	22.04	22.04	22.08	22.08
1.4	QPSK	3	3	22.02	22.07	22.08	22.08	22.08	22.08	22.08	22.08
1.4	QPSK	6	0	21.89	21.98	21.95	21.95	21.95	21.95	23	1
1.4	QPSK	6	3	21.88	21.88	21.94	21.94	21.94	21.94	23	1
1.4	QPSK	3	0	21.92	21.96	21.97	21.97	21.97	21.97	23	1
1.4	QPSK	3	3	21.94	21.98	21.94	21.94	21.94	21.94	23	1
1.4	QPSK	3	6	21.94	21.99	21.91	21.91	21.91	21.91	23	1
1.4	16QAM	1	0	20.90	20.93	20.87	20.87	20.87	20.87	32	2
1.4	16QAM										

Band 4_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch [F/Freq]	Power Mide Ch [F/Freq]	Power High Ch [F/Freq]	Turnup (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	1720	1732.5	1745			
20	QPSK	1	49	20.72	20.80	20.83	21.5	0	
20	QPSK	1	98	20.81	20.74	20.80			
20	QPSK	50	0	20.80	20.74	20.87			
20	QPSK	50	24	20.80	20.80	20.80	21.5	0	
20	QPSK	50	50	20.80	20.74	20.86			
20	QPSK	100	0	20.87	20.68	20.89			
20	HQAM	1	0	20.80	20.80	20.80			
20	HQAM	1	49	20.80	20.82	20.80	21.5	0	
20	HQAM	1	98	20.80	20.79	20.73			
20	HQAM	50	0	20.71	20.80	20.84			
20	HQAM	50	24	20.80	20.79	20.87	21.5	0	
20	HQAM	50	50	20.80	20.74	20.86			
20	HQAM	100	0	20.71	20.80	20.85			
20	HQAM	1	0	20.72	20.79	20.87			
20	HQAM	1	49	20.79	20.80	20.72	21	0.5	
20	HQAM	1	98	20.81	20.80	20.80			
20	HQAM	50	0	20.82	20.81	20.80			
20	HQAM	50	24	20.82	20.80	20.81	21	0.5	
20	HQAM	50	50	20.80	20.80	20.80			
20	HQAM	100	0	20.81	20.82	20.83			
20	HQAM	1	0	18.20	18.14	18.12			
20	HQAM	1	49	18.10	18.12	18.18	19	2.5	
20	HQAM	1	98	18.06	18.13	18.22			
20	HQAM	50	0	18.06	18.07	18.17			
20	HQAM	50	24	18.10	18.21	18.18	19	2.5	
20	HQAM	50	50	18.06	18.06	18.15			
20	HQAM	100	0	18.09	18.08	18.15			
Channel									
Frequency (MHz)									
15	QPSK	1	0	20.84	20.80	20.80	21.5	0	
15	QPSK	1	37	20.80	20.80	20.80			
15	QPSK	1	74	20.80	20.80	20.83			
15	QPSK	50	0	20.80	20.80	20.81			
15	QPSK	50	20	20.83	20.80	20.80	21.5	0	
15	QPSK	100	0	20.87	20.82	20.80			
15	HQAM	1	0	20.80	20.80	20.80			
15	HQAM	1	49	20.80	20.80	20.80	21.5	0	
15	HQAM	1	98	20.80	20.80	20.80			
15	HQAM	50	0	20.80	20.80	20.80	21.5	0	
15	HQAM	50	24	20.81	20.87	20.83			
15	HQAM	50	50	20.80	20.80	20.80			
15	HQAM	100	0	20.80	20.80	20.80			
15	HQAM	1	0	20.80	20.80	20.80	21.5	0	
15	HQAM	1	37	20.80	20.80	20.80			
15	HQAM	1	74	20.80	20.80	20.80			
15	HQAM	50	0	20.80	20.80	20.80			
15	HQAM	50	24	20.80	20.80	20.80	21.5	0	
15	HQAM	50	50	20.80	20.80	20.80			
15	HQAM	100	0	20.80	20.80	20.80			
15	HQAM	1	0	19.80	19.80	19.87			
15	HQAM	50	0	19.80	20.12	20.24	21	0.5	
15	HQAM	50	24	19.80	20.12	20.24			
15	HQAM	50	50	19.80	20.00	19.87			
15	HQAM	100	0	19.84	19.83	19.83			
15	HQAM	1	0	18.01	18.10	18.03	19	2.5	
15	HQAM	1	49	18.01	18.10	18.04			
15	HQAM	1	98	18.01	18.01	18.01			
15	HQAM	50	0	18.00	18.04	18.06	19	2.5	
15	HQAM	50	24	18.00	18.04	18.06			
Channel									
Frequency (MHz)									
10	QPSK	1	0	1715	1732.5	1750			
10	QPSK	1	0	20.50	20.65	20.50	21.5	0	
10	QPSK	1	49	20.67	20.69	20.65			
10	QPSK	1	98	20.67	20.68	20.63			
10	QPSK	25	0	20.68	20.64	20.67			
10	QPSK	12	0	20.67	20.62	20.62	21.5	0	
10	QPSK	25	25	20.68	20.61	20.65			
10	QPSK	50	0	20.68	20.65	20.65			
10	QPSK	50	0	20.68	20.64	20.64			
10	HQAM	1	0	20.67	20.65	20.65	21.5	0	
10	HQAM	1	49	20.68	20.68	20.65			
10	HQAM	1	98	20.68	20.61	20.62			
10	HQAM	25	0	20.67	20.61	20.62	21.5	0	
10	HQAM	25	25	20.68	20.61	20.65			
10	HQAM	50	0	20.68	20.61	20.62			
10	HQAM	50	0	20.68	20.61	20.62			
10	HQAM	100	0	20.68	20.61	20.62			
10	HQAM	1	0	18.00	18.03	17.99	19	2.5	
10	HQAM	1	49	18.00	18.03	17.99			
10	HQAM	1	98	18.00	18.03	17.99			
10	HQAM	25	0	18.00	18.03	17.99	19	2.5	
10	HQAM	25	25	18.00	18.06	18.06			
10	HQAM	50	0	18.00	18.03	17.99			
10	HQAM	50	0	18.00	18.03	17.99			
Channel									
Frequency (MHz)									
5	QPSK	1	0	20.48	20.51	20.51	21.5	0	
5	QPSK	1	12	20.48	20.57	20.44			
5	QPSK	1	24	20.51	20.56	20.54			
5	QPSK	12	0	20.34	20.50	20.52	21.5	0	
5	QPSK	12	7	20.30	20.55	20.54			
5	QPSK	12	13	20.43	20.53	20.53			
5	QPSK	25	0	20.49	20.52	20.53			
5	HQAM	1	0	20.50	20.52	20.46	21.5	0	
5	HQAM	1	12	20.48	20.59	20.48			
5	HQAM	1	24	20.47	20.61	20.51			
5	HQAM	12	7	20.48	20.54	20.54	21.5	0	
5	HQAM	12	13	20.47	20.68	20.43			
5	HQAM	25	0	20.50	20.53	20.43			
5	HQAM	1	0	20.51	20.61	20.56			
5	HQAM	1	12	20.57	20.61	20.43	21.5	0	
5	HQAM	1	24	20.48	20.53	20.43			
5	HQAM	12	0	19.80	20.05	19.87			
5	HQAM	12	7	20.02	20.09	20.04	21	0.5	
5	HQAM	12	13	19.80	20.04	19.84			
5	HQAM	25	0	19.80	20.02	19.85			
5	HQAM	25	7	19.80	20.00	19.80	19	2.5	
5	HQAM	25	13	19.80	20.00	19.80			
5	HQAM	50	0	18.00	18.03	17.99	19	2.5	
5	HQAM	50	0	18.00	18.03	17.99			
Channel									
Frequency (MHz)									
3	QPSK	1	0	20.50	20.51	20.50	21.5	0	
3	QPSK	1	14	20.48	20.57	20.44			
3	QPSK	1	28	20.48	20.56	20.44			
3	QPSK	12	0	20.34	20.50	20.52	21.5	0	
3	QPSK	12	7	20.30	20.55	20.54			
3	QPSK	12	13	20.43	20.53	20.53			
3	QPSK	25	0	20.49	20.52	20.53			
3	HQAM	1	0	20.50	20.52	20.46	21.5	0	
3	HQAM	1	12	20.48	20.59	20.48			
3	HQAM	1	24	20.47	20.61	20.51			
3	HQAM	12	7	20.48	20.54	20.54	21.5	0	
3	HQAM	12	13	20.47	20.68	20.43			
3	HQAM	25	0	20.50	20.53	20.43			
3	HQAM	1	0	20.51	20.61	20.56			
3	HQAM	1	12	20.57	20.61	20.43	21.5	0	
3	HQAM	1	24	20.48	20.53	20.43			
3	HQAM	12	0	19.80	20.05	19.87			
3	HQAM	12	7	20.02	20.09	20.04	21	0.5	
3	HQAM	12	13	19.80	20.04	19.84			
3	HQAM	25	0	19.80	20.02	19.85			
3	HQAM	25	7	19.80	20.00	19.80	19	2.5	
3	HQAM	25	13	19.80	20.00	19.80			
3	HQAM	50	0	18.00	18.03	17.99	19	2.5	
3	HQAM	50	0	18.00	18.03	17.99			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	20.50	20.52	20.49			
1.4	QPSK	1	3	20.49	20.56	20.44	21.5	0	
1.4	QPSK	1	6	20.48	20.53	20.54			
1.4	QPSK	3	0	20.40	20.49	20.53			
1.4	QPSK	3	3	20.44	20.53	20.53			
1.4	QPSK	6	0	20.43	20.50	20.47	21.5	0	
1.4	HQAM	1	0	20.50	20.53	20.45			
1.4	HQAM	1	3	20.50	20.49	20.48			
1.4	HQAM	1	6	20.50	20.42	20.45	21.5	0	
1.4	HQAM	3	0	20.42	20.50	20.54			
1.4	HQAM	3	3	20.42	20.51	20.54			
1.4	HQAM	6	0	20.45	20.52	20.54	21.5	0	
1.4	HQAM	1	0	20.48	20.54	20.51			
1.4	HQAM	1	3	20.51	20.49	20.54			
1.4	HQAM	1	6	20.45	20.45	20.45	21.5	0	
1.4	HQAM	3	0	20.47	20.43	20.50			
1.4	HQAM	3	3	20.47	20.43	20.50			
1.4	HQAM	6	0	20.53	20.50	20.43	21	0.5	
1.4	HQAM	1	0	17.86	17.97	17.86			
1.4	HQAM	1	3	17.86	18.02	17.86	19	2.5	
1.4	HQAM	1	6	17.86	18.00	17.86			
1.4	HQAM	3	0	18.01	18.01	17.95	19	2.5	
1.4	HQAM	3	3	18.01	18.01	17.95			
1.4	HQAM	6	0	17.95	17.88	17.85	19	2.5	
1.4	HQAM	6	3	17.95	17.85	17.85			

Band 7_Ant 2														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Med Ch / Freq.	Power High Ch / Freq.	Turnup time (min)	MPR (dB)						
Channel														
Frequency (MHz)				20850	21050	21550								
20	QPSK	1	0	20.50	20.78	20.77	21.5	0						
20	QPSK	1	49	20.49	20.77	20.81								
20	QPSK	1	99	20.58	20.82	20.83								
20	QPSK	50	0	20.75	20.77	20.83								
20	QPSK	50	24	20.57	20.87	20.63								
20	QPSK	100	0	20.64	20.88	20.68	21.5	0						
20	HQAM	1	0	20.54	20.78	20.76								
20	HQAM	1	49	20.48	20.73	20.86								
20	HQAM	1	99	20.54	20.84	20.92								
20	HQAM	50	0	20.62	20.88	20.84								
20	HQAM	50	24	20.49	20.70	20.95	21.5	0						
20	HQAM	100	0	20.53	20.72	20.81								
20	HQAM	100	0	20.53	20.75	20.91								
20	HQAM	1	0	20.40	20.69	20.99								
20	HQAM	1	99	20.57	20.84	20.98								
20	HQAM	50	0	20.61	20.86	20.99	21	0.5						
20	HQAM	50	24	20.50	20.70	20.90								
20	HQAM	100	0	20.50	20.74	20.91								
20	HQAM	100	0	20.53	20.72	20.98								
20	HQAM	1	0	18.07	18.19	18.14								
20	SSBQAM	1	49	17.99	18.19	18.16	19	2.5						
20	SSBQAM	1	99	18.02	18.15	18.09								
20	SSBQAM	50	0	18.09	18.14	18.15								
20	SSBQAM	50	24	18.08	18.19	18.05								
20	SSBQAM	100	0	18.07	18.15	18.15								
20	SSBQAM	100	0	18.03	18.15	18.15	19	2.5						
20	SSBQAM	1	0	18.03	18.15	18.15								
20	SSBQAM	1	99	18.03	18.15	18.15								
20	SSBQAM	50	0	18.03	18.15	18.15								
20	SSBQAM	50	24	18.03	18.15	18.15								
Channel														
Frequency (MHz)														
15	QPSK	1	0	20.61	20.71	20.71	21.5	0						
15	QPSK	1	37	20.53	20.88	20.88								
15	QPSK	1	74	20.56	20.80	20.90								
15	QPSK	50	0	20.58	20.86	20.92								
15	QPSK	50	24	20.44	20.89	20.97								
15	QPSK	100	0	20.59	20.81	20.97	21.5	0						
15	QPSK	100	0	20.63	20.82	20.94								
15	HQAM	1	0	20.65	20.79	20.99								
15	HQAM	1	37	20.63	20.77	20.95								
15	HQAM	1	74	20.67	20.73	20.49								
15	HQAM	50	0	20.54	20.88	20.91	21.5	0						
15	HQAM	50	24	20.59	20.84	20.97								
15	HQAM	100	0	20.48	20.87	20.92								
15	HQAM	100	0	20.69	20.82	20.87								
15	HQAM	1	0	20.58	20.72	20.98								
15	HQAM	1	37	20.74	20.84	20.92	21.5	0						
15	HQAM	1	74	20.64	20.89	20.91								
15	HQAM	50	0	20.27	20.17	20.99								
15	HQAM	50	24	20.04	20.29	20.90								
15	HQAM	100	0	20.07	20.15	20.95								
15	SSBQAM	1	0	18.11	18.15	18.00	19	2.5						
15	SSBQAM	1	37	18.05	18.13	18.00								
15	SSBQAM	1	74	18.03	18.02	17.96								
15	SSBQAM	50	0	18.09	18.10	18.10								
15	SSBQAM	50	24	18.18	18.16	18.12								
15	SSBQAM	100	0	18.11	18.18	18.06	19	2.5						
15	SSBQAM	100	0	18.04	18.20	18.00								
15	SSBQAM	1	0	18.04	18.20	18.00								
15	SSBQAM	1	37	18.04	18.20	18.00								
15	SSBQAM	1	74	18.04	18.20	18.00								
Channel														
Frequency (MHz)														
10	QPSK	1	0	20.55	20.55	20.55	21.5	0						
10	QPSK	1	25	20.56	20.58	20.63								
10	QPSK	1	49	20.39	20.58	20.54								
10	QPSK	50	0	20.68	20.68	20.68								
10	QPSK	50	24	20.43	20.61	20.58								
10	QPSK	100	0	20.54	20.52	20.73	21.5	0						
10	QPSK	100	0	20.76	20.68	20.70								
10	HQAM	1	0	20.63	20.63	20.92								
10	HQAM	1	49	20.71	20.76	20.87								
10	HQAM	1	99	20.62	20.71	20.81								
10	HQAM	50	0	20.55	20.63	20.83	21.5	0						
10	HQAM	50	24	20.63	20.60	20.62								
10	HQAM	100	0	20.71	20.63	20.71								
10	HQAM	100	0	20.67	20.73	20.75								
10	HQAM	1	0	20.68	20.59	20.80								
10	HQAM	1	49	20.64	20.72	20.83	21.5	0						
10	HQAM	1	99	20.60	20.54	20.75								
10	HQAM	50	0	20.91	20.24	20.12								
10	HQAM	50	24	20.22	20.31	20.13								
10	HQAM	100	0	20.08	20.20	20.03								
10	SSBQAM	1	0	18.18	18.13	18.12	19	2.5						
10	SSBQAM	1	25	18.15	18.18	18.21								
10	SSBQAM	50	0	18.07	18.20	18.21								
10	SSBQAM	50	24	18.23	18.21	18.15								
10	SSBQAM	100	0	18.20	18.14	18.06								
10	SSBQAM	100	0	18.20	18.07	18.14	19	2.5						
10	SSBQAM	1	0	18.20	18.07	18.14								
10	SSBQAM	1	25	18.20	18.07	18.14								
10	SSBQAM	1	50	18.20	18.07	18.14								
10	SSBQAM	1	75	18.20	18.07	18.14								
Channel														
Frequency (MHz)														
5	QPSK	1	0	20.60	20.64	20.27	21.5	0						
5	QPSK	1	12	20.49	20.55	20.50								
5	QPSK	1	24	20.71	20.54	20.58								
5	QPSK	12	0	20.44	20.58	20.43								
5	QPSK	12	7	20.59	20.60	20.44								
5	QPSK	25	0	20.62	20.62	20.38	21.5	0						
5	QPSK	25	0	20.67	20.71	20.42								
5	HQAM	1	0	20.69	20.69	20.43								
5	HQAM	1	12	20.66	20.73	20.40								
5	HQAM	1	24	20.62	20.60	20.44								
5	HQAM	12	0	20.65	20.68	20.46	21.5	0						
5	HQAM	12	7	20.68	20.78	20.27								
5	HQAM	12	13	20.61	20.72	20.54								
5	HQAM	25	0	20.55	20.67	20.38								
5	HQAM	25	0	20.78	20.68	20.37								
5	HQAM	1	0	20.64	20.75	20.43	21.5	0						
5	HQAM	1	12	20.64	20.75	20.43								
5	HQAM	1	24	20.60	20.78	20.49								
5	HQAM	12	0	20.62	20.60	20.44	21.5	0						
5	HQAM	12	7	20.65	20.75	20.41								
5	HQAM	12	13	20.59	20.69	20.41								
5	HQAM	25	0	20.48	20.60	20.33								
5	HQAM	25	0	20.55	20.60	20.38								
5	HQAM	1	0	18.06	18.07	18.07	19	2.5						
5	HQAM	1	12	18.07	18.07	18.07								
5	HQAM	1	24	18.07	18.07	18.07								
5	HQAM	12	0	18.05	18.05	18.05								
5	HQAM	12	7	18.06	18.06	18.06								
5	SSBQAM	1	0	18.07	18.18	17.59	19	2.5						
5	SSBQAM	1	12	18.13	18.13	18.01								
5	SSBQAM	12	0	18.08	18.05	18.05								
5	SSBQAM	12	7	18.08	18.05	18.05								
5	SSBQAM	12	13	18.02	18.02	17.87								
5	SSBQAM	25	0	18.07	18.07	18.07	19	2.5						
5	SSBQAM	25	0	18.07	18.07	18.07								
5	SSBQAM	12	0	18.08	18.05	18.05								
5	SSBQAM	12	7	18.08	18.05	18.05								
5	SSBQAM	12	13	18.02	18.02	17.87								

Band 12_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up freq (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.09	22.01	22.02				
10	QPSK	1	25	22.44	22.49	22.45	24	0		
10	QPSK	1	49	22.55	22.53	22.49				
10	QPSK	25	0	21.25	21.59	21.53				
10	QPSK	25	12	21.47	21.47	21.43	23	1		
10	QPSK	25	25	21.53	21.52	21.40				
10	QPSK	50	0	21.55	21.58	21.41				
10	16QAM	1	0	21.75	21.77	21.78				
10	16QAM	1	25	21.69	21.70	21.60	23	1		
10	16QAM	1	49	21.76	21.83	21.67				
10	16QAM	25	0	20.55	20.43	20.41				
10	16QAM	25	12	20.59	20.46	20.40	22	2		
10	16QAM	25	25	20.51	20.51	20.39				
10	16QAM	50	0	20.54	20.49	20.39				
10	64QAM	1	0	20.79	20.99	20.65				
10	64QAM	1	25	20.62	20.61	20.55	22	2		
10	64QAM	1	49	20.71	20.85	20.61				
10	64QAM	25	0	19.55	19.46	19.42				
10	64QAM	25	12	19.48	19.48	19.43	21	3		
10	64QAM	25	25	19.53	19.53	19.40				
10	256QAM	1	0	17.45	17.55	17.47				
10	256QAM	1	25	17.51	17.54	17.49	19	5		
10	256QAM	1	49	17.45	17.57	17.55				
10	256QAM	25	0	17.56	17.48	17.56				
10	256QAM	25	12	17.46	17.49	17.46	19	5		
10	256QAM	25	25	17.56	17.49	17.46				
10	256QAM	50	0	17.48	17.49	17.42				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.93	22.97	22.98				
5	QPSK	1	12	22.31	22.38	22.35	24	0		
5	QPSK	1	24	22.51	22.47	22.34				
5	QPSK	12	0	21.47	21.48	21.52				
5	QPSK	12	7	21.43	21.38	21.28	23	1		
5	QPSK	12	13	21.41	21.47	21.37				
5	QPSK	25	0	21.41	21.49	21.39				
5	16QAM	1	0	21.65	21.63	21.69				
5	16QAM	1	12	21.69	21.67	21.62	23	1		
5	16QAM	1	24	21.68	21.61	21.62				
5	16QAM	12	0	20.51	20.41	20.38				
5	16QAM	12	7	20.38	20.45	20.35	22	2		
5	16QAM	12	13	20.44	20.37	20.38				
5	16QAM	25	0	20.46	20.46	20.33				
5	64QAM	1	0	20.64	20.59	20.58				
5	64QAM	1	12	20.57	20.59	20.54	22	2		
5	64QAM	1	24	20.57	20.45	20.45				
5	64QAM	12	0	19.46	19.53	19.30				
5	64QAM	12	7	19.34	19.46	19.38	21	3		
5	64QAM	12	13	19.45	19.45	19.35				
5	64QAM	25	0	19.59	19.39	19.30				
5	256QAM	1	0	17.21	17.49	17.36				
5	256QAM	1	12	17.24	17.44	17.54	19	5		
5	256QAM	1	24	17.36	17.50	17.43				
5	256QAM	12	0	17.42	17.36	17.43				
5	256QAM	12	7	17.37	17.46	17.43	19	5		
5	256QAM	12	13	17.37	17.59	17.41				
5	256QAM	25	0	17.40	17.56	17.33				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.42	22.54	22.43				
1.4	QPSK	1	3	22.37	22.39	22.33	24	0		
1.4	QPSK	1	5	22.52	22.50	22.38				
1.4	QPSK	3	0	22.30	22.44	22.29				
1.4	QPSK	3	1	22.40	22.49	22.39				
1.4	QPSK	3	3	22.31	22.44	22.43				
1.4	QPSK	6	0	21.33	21.42	21.40	23	1		
1.4	16QAM	1	0	21.36	21.43	21.38				
1.4	16QAM	1	3	21.40	21.41	21.33				
1.4	16QAM	1	5	21.27	21.48	21.32	23	1		
1.4	16QAM	3	0	21.28	21.46	21.31				
1.4	16QAM	3	1	21.39	21.47	21.41				
1.4	16QAM	3	3	21.39	21.43	21.38				
1.4	16QAM	6	0	20.32	20.46	20.33	22	2		
1.4	64QAM	1	0	20.31	20.40	20.38				
1.4	64QAM	1	3	20.30	20.46	20.37				
1.4	64QAM	1	5	20.31	20.43	20.30	22	2		
1.4	64QAM	3	0	20.29	20.52	20.41				
1.4	64QAM	3	1	20.36	20.43	20.38				
1.4	64QAM	3	3	20.41	20.47	20.32				
1.4	64QAM	6	0	19.32	19.39	19.29	21	3		
1.4	256QAM	1	0	17.40	17.55	17.41				
1.4	256QAM	1	3	17.34	17.50	17.25				
1.4	256QAM	1	5	17.34	17.51	17.32	19	5		
1.4	256QAM	3	0	17.34	17.48	17.41				
1.4	256QAM	3	1	17.30	17.41	17.41				
1.4	256QAM	3	3	17.35	17.53	17.29				
1.4	256QAM	6	0	17.34	17.53	17.28	19	5		

Band 13_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tuning freq (dBm)	MPR (dB)		
Channel				23330						
Frequency (MHz)										
10	QPSK	1	0	22.71	22.71	22.71				
10	QPSK	1	25	22.61	22.61	22.61	24	0		
10	QPSK	1	49	22.68	22.68	22.68				
10	QPSK	25	0	21.61	21.61	21.61				
10	QPSK	25	12	21.59	21.59	21.59	23	1		
10	QPSK	25	25	21.59	21.59	21.59				
10	QPSK	50	0	21.62	21.62	21.62				
10	16QAM	1	0	21.84	21.84	21.84				
10	16QAM	1	25	21.63	21.63	21.63	23	1		
10	16QAM	1	49	21.81	21.81	21.81				
10	16QAM	25	0	20.52	20.52	20.52				
10	16QAM	25	12	20.59	20.59	20.59	22	2		
10	16QAM	25	25	20.51	20.51	20.51				
10	16QAM	50	0	20.51	20.51	20.51				
10	64QAM	1	0	20.69	20.69	20.69				
10	64QAM	1	25	20.62	20.62	20.62	22	2		
10	64QAM	1	49	20.75	20.75	20.75				
10	256QAM	1	0	17.61	17.61	17.61				
10	256QAM	1	25	17.69	17.69	17.69	19	5		
10	256QAM	1	49	17.65	17.65	17.65				
10	256QAM	25	0	17.62	17.62	17.62				
10	256QAM	25	12	17.63	17.63	17.63	19	5		
10	256QAM	25	25	17.67	17.67	17.67				
10	256QAM	50	0	17.67	17.67	17.67				
Channel				23035	23235	23235	Tuning freq (dBm)	MPR (dB)		
Frequency (MHz)				799.3	799.3	794.3				
10	QPSK	1	0	22.43	22.43	22.43				
10	QPSK	1	12	22.39	22.38	22.43	24	0		
10	QPSK	1	24	22.49	22.55	22.51				
10	QPSK	12	0	21.51	21.51	21.46				
10	QPSK	12	7	21.51	21.51	21.51	23	1		
10	QPSK	12	13	21.60	21.48	21.47				
10	QPSK	12	19	21.61	21.51	21.48				
10	QPSK	1	0	21.79	21.68	21.67				
10	QPSK	1	12	21.54	21.62	21.53	23	1		
10	16QAM	1	24	21.81	21.73	21.70				
10	16QAM	12	0	20.59	20.53	20.48				
10	16QAM	12	7	20.52	20.43	20.46				
10	16QAM	12	13	20.56	20.50	20.54	22	2		
10	16QAM	12	19	20.57	20.52	20.56				
10	16QAM	25	0	20.79	20.79	20.81				
10	16QAM	1	24	20.51	20.57	20.53	22	2		
10	256QAM	1	0	17.59	17.59	17.59				
10	256QAM	12	0	19.58	19.92	19.57				
10	256QAM	12	7	19.52	19.55	19.49				
10	256QAM	12	13	19.56	19.56	19.56	21	3		
10	256QAM	25	0	19.45	19.50	19.52				
10	256QAM	1	0	17.49	17.49	17.52				
10	256QAM	1	12	17.56	17.51	17.51	19	5		
10	256QAM	1	24	17.56	17.52	17.50				
10	256QAM	12	0	17.55	17.55	17.55				
10	256QAM	12	7	17.48	17.50	17.50	19	5		
10	256QAM	12	13	17.52	17.52	17.54				
10	256QAM	12	19	17.55	17.55	17.55				

Band 17_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low [Ch 1/Freq.]	Power Mid [Ch 2/Freq.]	Power High [Ch 3/Freq.]	Turn-on time (min)	MPR (dB)		
Channel				23760	23760	23860				
Frequency (MHz)				24.5	24.5	24.6				
16	QPSK	1	0	22.20	22.20	22.40	24	0		
16	QPSK	1	25	22.43	22.41	22.58	24	0		
16	QPSK	1	49	22.44	22.40	22.42	24	0		
16	QPSK	25	0	21.27	21.48	21.37	23	1		
16	QPSK	25	12	21.40	21.56	21.56	23	1		
16	QPSK	25	25	21.47	21.39	21.37	23	1		
16	QPSK	50	0	21.43	21.43	21.37	23	1		
16	16QAM	1	0	21.72	21.66	21.62	22	2		
16	16QAM	1	25	21.61	21.58	21.56	22	1		
16	16QAM	1	49	21.63	21.58	21.63	22	2		
16	16QAM	25	0	20.42	20.36	20.36	22	2		
16	16QAM	25	12	20.41	20.36	20.34	22	2		
16	16QAM	25	25	20.41	20.36	20.36	22	2		
16	16QAM	50	0	20.43	20.43	20.37	22	2		
16	16QAM	50	12	20.42	20.36	20.36	22	2		
16	16QAM	50	25	20.41	20.36	20.36	22	2		
16	16QAM	100	0	20.40	20.36	20.36	22	2		
16	16QAM	100	12	20.40	20.36	20.36	22	2		
16	16QAM	100	25	20.40	20.36	20.36	22	2		
16	16QAM	200	0	20.39	20.36	20.36	22	2		
16	16QAM	200	12	20.39	20.36	20.36	22	2		
16	16QAM	200	25	20.39	20.36	20.36	22	2		
16	16QAM	400	0	20.38	20.36	20.36	22	2		
16	16QAM	400	12	20.38	20.36	20.36	22	2		
16	16QAM	400	25	20.38	20.36	20.36	22	2		
16	16QAM	800	0	20.37	20.36	20.36	22	2		
16	16QAM	800	12	20.37	20.36	20.36	22	2		
16	16QAM	800	25	20.37	20.36	20.36	22	2		
16	16QAM	1600	0	20.36	20.36	20.36	22	2		
16	16QAM	1600	12	20.36	20.36	20.36	22	2		
16	16QAM	1600	25	20.36	20.36	20.36	22	2		
16	16QAM	3200	0	20.35	20.36	20.36	22	2		
16	16QAM	3200	12	20.35	20.36	20.36	22	2		
16	16QAM	3200	25	20.35	20.36	20.36	22	2		
16	16QAM	6400	0	20.34	20.36	20.36	22	2		
16	16QAM	6400	12	20.34	20.36	20.36	22	2		
16	16QAM	6400	25	20.34	20.36	20.36	22	2		
16	16QAM	12800	0	20.33	20.36	20.36	22	2		
16	16QAM	12800	12	20.33	20.36	20.36	22	2		
16	16QAM	12800	25	20.33	20.36	20.36	22	2		
16	16QAM	25600	0	20.32	20.36	20.36	22	2		
16	16QAM	25600	12	20.32	20.36	20.36	22	2		
16	16QAM	25600	25	20.32	20.36	20.36	22	2		
16	16QAM	51200	0	20.31	20.36	20.36	22	2		
16	16QAM	51200	12	20.31	20.36	20.36	22	2		
16	16QAM	51200	25	20.31	20.36	20.36	22	2		
16	16QAM	102400	0	20.30	20.36	20.36	22	2		
16	16QAM	102400	12	20.30	20.36	20.36	22	2		
16	16QAM	102400	25	20.30	20.36	20.36	22	2		
16	16QAM	204800	0	20.29	20.36	20.36	22	2		
16	16QAM	204800	12	20.29	20.36	20.36	22	2		
16	16QAM	204800	25	20.29	20.36	20.36	22	2		
16	16QAM	409600	0	20.28	20.36	20.36	22	2		
16	16QAM	409600	12	20.28	20.36	20.36	22	2		
16	16QAM	409600	25	20.28	20.36	20.36	22	2		
16	16QAM	819200	0	20.27	20.36	20.36	22	2		
16	16QAM	819200	12	20.27	20.36	20.36	22	2		
16	16QAM	819200	25	20.27	20.36	20.36	22	2		
16	16QAM	1638400	0	20.26	20.36	20.36	22	2		
16	16QAM	1638400	12	20.26	20.36	20.36	22	2		
16	16QAM	1638400	25	20.26	20.36	20.36	22	2		
16	16QAM	3276800	0	20.25	20.36	20.36	22	2		
16	16QAM	3276800	12	20.25	20.36	20.36	22	2		
16	16QAM	3276800	25	20.25	20.36	20.36	22	2		
16	16QAM	6553600	0	20.24	20.36	20.36	22	2		
16	16QAM	6553600	12	20.24	20.36	20.36	22	2		
16	16QAM	6553600	25	20.24	20.36	20.36	22	2		
16	16QAM	13107200	0	20.23	20.36	20.36	22	2		
16	16QAM	13107200	12	20.23	20.36	20.36	22	2		
16	16QAM	13107200	25	20.23	20.36	20.36	22	2		
16	16QAM	26214400	0	20.22	20.36	20.36	22	2		
16	16QAM	26214400	12	20.22	20.36	20.36	22	2		
16	16QAM	26214400	25	20.22	20.36	20.36	22	2		
16	16QAM	52428800	0	20.21	20.36	20.36	22	2		
16	16QAM	52428800	12	20.21	20.36	20.36	22	2		
16	16QAM	52428800	25	20.21	20.36	20.36	22	2		
16	16QAM	104857600	0	20.20	20.36	20.36	22	2		
16	16QAM	104857600	12	20.20	20.36	20.36	22	2		
16	16QAM	104857600	25	20.20	20.36	20.36	22	2		
16	16QAM	209715200	0	20.19	20.36	20.36	22	2		
16	16QAM	209715200	12	20.19	20.36	20.36	22	2		
16	16QAM	209715200	25	20.19	20.36	20.36	22	2		
16	16QAM	419430400	0	20.18	20.36	20.36	22	2		
16	16QAM	419430400	12	20.18	20.36	20.36	22	2		
16	16QAM	419430400	25	20.18	20.36	20.36	22	2		
16	16QAM	838860800	0	20.17	20.36	20.36	22	2		
16	16QAM	838860800	12	20.17	20.36	20.36	22	2		
16	16QAM	838860800	25	20.17	20.36	20.36	22	2		
16	16QAM	1677721600	0	20.16	20.36	20.36	22	2		
16	16QAM	1677721600	12	20.16	20.36	20.36	22	2		
16	16QAM	1677721600	25	20.16	20.36	20.36	22	2		
16	16QAM	3355443200	0	20.15	20.36	20.36	22	2		
16	16QAM	3355443200	12	20.15	20.36	20.36	22	2		
16	16QAM	3355443200	25	20.15	20.36	20.36	22	2		
16	16QAM	6710886400	0	20.14	20.36	20.36	22	2		
16	16QAM	6710886400	12	20.14	20.36	20.36	22	2		
16	16QAM	6710886400	25	20.14	20.36	20.36	22	2		
16	16QAM	13421772800	0	20.13	20.36	20.36	22	2		
16	16QAM	13421772800	12	20.13	20.36	20.36	22	2		
16	16QAM	13421772800	25	20.13	20.36	20.36	22	2		
16	16QAM	26843545600	0	20.12	20.36	20.36	22	2		
16	16QAM	26843545600	12	20.12	20.36	20.36	22	2		
16	16QAM	26843545600	25	20.12	20.36	20.36	22	2		
16	16QAM	53687091200	0	20.11	20.36	20.36	22	2		
16	16QAM	53687091200	12	20.11	20.36	20.36	22	2		
16	16QAM	53687091200	25	20.11	20.36	20.36	22	2		
16	16QAM	107374182400	0	20.10	20.36	20.36	22	2		
16	16QAM	107374182400	12	20.10	20.36	20.36	22	2		
16	16QAM	107374182400	25	20.10	20.36	20.36	22	2		
16	16QAM	214748364800	0	20.09	20.36	20.36	22	2		
16	16QAM	214748364800	12	20.09	20.36	20.36	22	2		
16	16QAM	214748364800	25	20.09	20.36	20.36	22	2		

Band 26(FCC)_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch/Freq	Power High Ch/Freq	Power Mid Ch/Freq	Turn-on time (ms)	MPE (dB)		
Channel										
Frequency (MHz)	Channel	RB Size	RB Offset	Power Low Ch/Freq	Power High Ch/Freq	Power Mid Ch/Freq	Turn-on time (ms)	MPE (dB)		
15	QPSK	1	0	26.765	26.765	26.765	24	0		
15	QPSK	1	37	27.11	27.11	27.11	24	0		
15	QPSK	1	74	27.77	27.88	27.83	24	0		
15	QPSK	36	0	27.11	27.15	27.13	23	1		
15	QPSK	36	37	27.77	27.81	27.81	23	1		
15	QPSK	36	74	28.43	28.47	28.45	23	1		
15	QPSK	75	0	27.05	27.08	27.06	22	2		
15	QPSK	75	37	27.71	27.74	27.73	22	2		
15	QPSK	75	74	28.37	28.40	28.38	22	2		
15	QPSK	150	0	27.05	27.08	27.06	21	3		
15	QPSK	150	37	27.71	27.74	27.73	21	3		
15	QPSK	150	74	28.37	28.40	28.38	21	3		
15	QPSK	300	0	27.05	27.08	27.06	20	2		
15	QPSK	300	37	27.71	27.74	27.73	20	2		
15	QPSK	300	74	28.37	28.40	28.38	20	2		
15	QPSK	600	0	27.05	27.08	27.06	19	5		
15	QPSK	600	37	27.71	27.74	27.73	19	5		
15	QPSK	600	74	28.37	28.40	28.38	19	5		
15	QPSK	1200	0	27.05	27.08	27.06	18	5		
15	QPSK	1200	37	27.71	27.74	27.73	18	5		
15	QPSK	1200	74	28.37	28.40	28.38	18	5		
15	QPSK	2400	0	27.05	27.08	27.06	17	5		
15	QPSK	2400	37	27.71	27.74	27.73	17	5		
15	QPSK	2400	74	28.37	28.40	28.38	17	5		
15	QPSK	4800	0	27.05	27.08	27.06	16	5		
15	QPSK	4800	37	27.71	27.74	27.73	16	5		
15	QPSK	4800	74	28.37	28.40	28.38	16	5		
15	QPSK	9600	0	27.05	27.08	27.06	15	5		
15	QPSK	9600	37	27.71	27.74	27.73	15	5		
15	QPSK	9600	74	28.37	28.40	28.38	15	5		
15	QPSK	19200	0	27.05	27.08	27.06	14	5		
15	QPSK	19200	37	27.71	27.74	27.73	14	5		
15	QPSK	19200	74	28.37	28.40	28.38	14	5		
15	QPSK	38400	0	27.05	27.08	27.06	13	5		
15	QPSK	38400	37	27.71	27.74	27.73	13	5		
15	QPSK	38400	74	28.37	28.40	28.38	13	5		
15	QPSK	76800	0	27.05	27.08	27.06	12	5		
15	QPSK	76800	37	27.71	27.74	27.73	12	5		
15	QPSK	76800	74	28.37	28.40	28.38	12	5		
15	QPSK	153600	0	27.05	27.08	27.06	11	5		
15	QPSK	153600	37	27.71	27.74	27.73	11	5		
15	QPSK	153600	74	28.37	28.40	28.38	11	5		
15	QPSK	307200	0	27.05	27.08	27.06	10	5		
15	QPSK	307200	37	27.71	27.74	27.73	10	5		
15	QPSK	307200	74	28.37	28.40	28.38	10	5		
15	QPSK	614400	0	27.05	27.08	27.06	9	5		
15	QPSK	614400	37	27.71	27.74	27.73	9	5		
15	QPSK	614400	74	28.37	28.40	28.38	9	5		
15	QPSK	1228800	0	27.05	27.08	27.06	8	5		
15	QPSK	1228800	37	27.71	27.74	27.73	8	5		
15	QPSK	1228800	74	28.37	28.40	28.38	8	5		
15	QPSK	2457600	0	27.05	27.08	27.06	7	5		
15	QPSK	2457600	37	27.71	27.74	27.73	7	5		
15	QPSK	2457600	74	28.37	28.40	28.38	7	5		
15	QPSK	4915200	0	27.05	27.08	27.06	6	5		
15	QPSK	4915200	37	27.71	27.74	27.73	6	5		
15	QPSK	4915200	74	28.37	28.40	28.38	6	5		
15	QPSK	9830400	0	27.05	27.08	27.06	5	5		
15	QPSK	9830400	37	27.71	27.74	27.73	5	5		
15	QPSK	9830400	74	28.37	28.40	28.38	5	5		
15	QPSK	19660800	0	27.05	27.08	27.06	4	5		
15	QPSK	19660800	37	27.71	27.74	27.73	4	5		
15	QPSK	19660800	74	28.37	28.40	28.38	4	5		
15	QPSK	39321600	0	27.05	27.08	27.06	3	5		
15	QPSK	39321600	37	27.71	27.74	27.73	3	5		
15	QPSK	39321600	74	28.37	28.40	28.38	3	5		
15	QPSK	78643200	0	27.05	27.08	27.06	2	5		
15	QPSK	78643200	37	27.71	27.74	27.73	2	5		
15	QPSK	78643200	74	28.37	28.40	28.38	2	5		
15	QPSK	157286400	0	27.05	27.08	27.06	1	5		
15	QPSK	157286400	37	27.71	27.74	27.73	1	5		
15	QPSK	157286400	74	28.37	28.40	28.38	1	5		
15	QPSK	314572800	0	27.05	27.08	27.06	0	5		
15	QPSK	314572800	37	27.71	27.74	27.73	0	5		
15	QPSK	314572800	74	28.37	28.40	28.38	0	5		
15	QPSK	629145600	0	27.05	27.08	27.06	-1	5		
15	QPSK	629145600	37	27.71	27.74	27.73	-1	5		
15	QPSK	629145600	74	28.37	28.40	28.38	-1	5		
15	QPSK	1258291200	0	27.05	27.08	27.06	-2	5		
15	QPSK	1258291200	37	27.71	27.74	27.73	-2	5		
15	QPSK	1258291200	74	28.37	28.40	28.38	-2	5		
15	QPSK	2516582400	0	27.05	27.08	27.06	-3	5		
15	QPSK	2516582400	37	27.71	27.74	27.73	-3	5		
15	QPSK	2516582400	74	28.37	28.40	28.38	-3	5		
15	QPSK	5033164800	0	27.05	27.08	27.06	-4	5		
15	QPSK	5033164800	37	27.71	27.74	27.73	-4	5		
15	QPSK	5033164800	74	28.37	28.40	28.38	-4	5		
15	QPSK	10066329600	0	27.05	27.08	27.06	-5	5		
15	QPSK	10066329600	37	27.71	27.74	27.73	-5	5		
15	QPSK	10066329600	74	28.37	28.40	28.38	-5	5		
15	QPSK	20132659200	0	27.05	27.08	27.06	-6	5		
15	QPSK	20132659200	37	27.71	27.74	27.73	-6	5		
15	QPSK	20132659200	74	28.37	28.40	28.38	-6	5		
15	QPSK	40265318400	0	27.05	27.08	27.06	-7	5		
15	QPSK	40265318400	37	27.71	27.74	27.73	-7	5		
15	QPSK	40265318400	74	28.37	28.40	28.38	-7	5		
15	QPSK	80530636800	0	27.05	27.08	27.06	-8	5		
15	QPSK	80530636800	37	27.71	27.74	27.73	-8	5		
15	QPSK	80530636800	74	28.37	28.40	28.38	-8	5		
15	QPSK	161061273600	0	27.05	27.08	27.06	-9	5		
15	QPSK	161061273600	37	27.71	27.74	27.73	-9	5		
15	QPSK	161061273600	74	28.37	28.40	28.38	-9	5		
15	QPSK	322122547200	0	27.05	27.08	27.06	-10	5		
15	QPSK	322122547200	37	27.71	27.74	27.73	-10	5		
15	QPSK	322122547200	74	28.37	28.40	28.38	-10	5		
15	QPSK	644245094400	0	27.05	27.08	27.06	-11	5		
15	QPSK	644245094400	37	27.71	27.74	27.73	-11	5		
15	QPSK	644245094400	74	28.37	28.40	28.38	-11	5		
15	QPSK	1288490188800	0	27.05	27.08	27.06	-12	5		
15	QPSK	1288490188800	37	27.71	27.74	27.73	-12	5		
15	QPSK	1288490188800	74	28.37	28.40	28.38	-12	5		
15	QPSK	2576980377600	0	27.05	27.08	27.06	-13	5		
15	QPSK	2576980377600	37	27.71	27.74	27.73	-13	5		
15	QPSK	2576980377600	74	28.37	28.40	28.38	-13	5		
15	QPSK	5153960755200	0	27.05	27.08	27.06	-14	5		
15	QPSK	5153960755200	37	27.71	27.74	27.73	-14	5		
15	QPSK	5153960755200	74	28.37	28.40	28.38	-14	5		
15	QPSK	10307921510400	0	27.05	27.08	27.06	-15	5		
15	QPSK	10307921510400	37	27.71	27.74	27.73	-15	5		
15	QPSK	10307921510400	74	28.37	28.40	28.38	-15	5		
15	QPSK	20615843020800	0	27.05	27.08	27.06	-16	5		
15	QPSK	20615843020800	37	27.71	27.74	27.73	-16	5		
15	QPSK	20615843020800	74	28.37	28.40	28.38	-16	5		
15	QPSK	41231686041600	0	27.05	27.08	27.06	-17	5		
15	QPSK	41231686041600	37	27.71	27.74	27.73	-17	5		
15	QPSK	41231686041600	74	28.37	28.40	28.38	-17	5		
15	QPSK	82463372083200	0	27.05	27.08	27.06	-18	5		
15	QPSK	82463372083200	37	27.71	27.74	27.73	-18	5		
15	QPSK	82463372083200	74	28.37	28.40	28.38	-18	5		
15	QPSK	164926744166400	0	27.05	27.08	27.06	-19	5		
15	QPSK	164926744166400	37	27.71	27.74	27.73	-19	5		
15	QPSK	164926744166400	74	28.37	28.40	28.38	-19	5		
15	QPSK	329853488332800	0	27.05	27.08	27.06	-20	5		
15	QPSK	329853488332800	37	27.71	27.74	27.73	-20	5		
15	QPSK	329853488332800	74	28.37	28.40	28.38	-20	5		
15	QPSK	659706976665600	0	27.05	27.08	27.06	-21	5		
15	QPSK	659706976665600	37	27.71	27.74	27.73	-21	5		
15	Q									

Band 66_Ant 9												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low CH / Freq.	Power Meds CH / Freq.	Power High CH / Freq.	Turn-up time (min)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.03	23.03	23.04	24	0				
20	QPSK	1	49	23.01	23.01	23.03						
20	QPSK	1	99	22.99	22.92	22.99						
20	QPSK	50	0	23.03	23.03	23.03						
20	QPSK	50	24	23.07	23.07	23.07						
20	QPSK	50	50	23.01	23.01	23.01	23	1				
20	QPSK	100	0	23.06	23.04	23.01						
20	16QAM	1	0	22.24	22.24	22.24						
20	16QAM	1	49	22.15	22.16	22.23	23	1				
20	16QAM	1	99	22.14	22.05	22.00						
20	16QAM	50	0	20.99	20.95	21.07						
20	16QAM	50	24	20.97	20.91	21.04	22	2				
20	16QAM	50	50	20.93	20.91	21.03						
20	16QAM	100	0	20.95	20.93	21.03						
20	8QAM	1	0	21.12	21.12	21.40						
20	8QAM	1	49	21.09	21.13	21.17	22	2				
20	8QAM	1	99	21.08	21.05	21.15						
20	8QAM	50	0	20.02	20.05	20.10						
20	8QAM	50	24	19.96	19.93	20.06	21	3				
20	8QAM	50	50	19.94	19.93	20.04						
20	8QAM	100	0	19.97	19.92	20.05						
20	25QAM	1	0	17.03	17.02	17.00						
20	25QAM	1	49	17.06	17.03	17.06	19	5				
20	25QAM	1	99	17.08	17.01	17.17						
20	25QAM	50	0	17.00	17.03	17.00						
20	25QAM	50	24	17.01	17.07	17.00	19	5				
20	25QAM	50	50	17.06	17.01	17.00						
20	25QAM	100	0	17.06	17.01	17.10						
Channel												
Frequency (MHz)												
15	QPSK	1	0	23.03	23.03	23.04	24	0				
15	QPSK	1	37	22.98	22.97	22.94						
15	QPSK	1	74	22.88	22.86	22.88						
15	QPSK	36	0	21.97	21.94	21.92						
15	QPSK	36	20	21.96	21.79	21.94	23	1				
15	QPSK	36	39	21.96	21.92	21.92						
15	QPSK	75	0	21.81	21.82	21.82						
15	16QAM	1	0	22.11	22.10	22.14						
15	16QAM	1	37	22.09	22.07	22.07	23	1				
15	16QAM	1	74	22.10	21.90	22.07						
15	16QAM	36	0	20.93	20.93	20.97						
15	16QAM	36	20	20.86	20.83	20.92	22	2				
15	16QAM	36	39	20.81	20.85	20.98						
15	16QAM	75	0	20.89	20.82	20.81						
15	8QAM	1	0	21.01	21.11	21.09						
15	8QAM	1	37	21.06	21.00	21.02	22	2				
15	8QAM	1	74	21.06	21.00	21.02						
15	8QAM	36	0	19.98	19.97	19.91						
15	8QAM	36	20	19.83	19.80	20.03	21	3				
15	8QAM	36	39	19.86	19.85	19.86						
15	8QAM	75	0	19.91	19.85	19.83						
15	25QAM	1	0	17.07	17.07	17.16	19	5				
15	25QAM	1	37	17.05	17.03	17.03						
15	25QAM	1	74	17.04	17.01	17.12						
15	25QAM	36	0	17.07	17.03	17.06	19	5				
15	25QAM	36	20	17.08	17.03	17.16						
15	25QAM	36	39	17.15	17.05	17.06						
15	25QAM	75	0	17.01	17.17	17.00						
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.90	22.97	22.97	24	0				
10	QPSK	1	25	22.83	22.77	22.95						
10	QPSK	1	49	22.77	22.67	22.91						
10	QPSK	25	0	21.86	21.86	21.88						
10	QPSK	25	12	21.83	21.79	21.89	23	1				
10	QPSK	25	24	21.88	21.72	21.92						
10	QPSK	50	0	21.87	21.96	21.86						
10	QPSK	50	24	21.83	21.78	21.92	23	1				
10	16QAM	1	0	22.13	22.08	22.15						
10	16QAM	1	25	22.07	22.10	22.21	23	1				
10	16QAM	1	49	22.10	22.05	22.10						
10	16QAM	25	0	20.87	20.89	20.99						
10	16QAM	25	12	20.95	20.90	21.05	22	2				
10	16QAM	25	24	20.84	20.79	20.91						
10	16QAM	50	0	20.80	20.90	21.02						
10	8QAM	1	0	21.11	20.96	21.30						
10	8QAM	1	25	21.03	21.08	21.15	22	2				
10	8QAM	1	49	21.05	20.88	21.07						
10	8QAM	25	0	19.90	19.92	19.96						
10	8QAM	25	12	19.84	19.83	19.81						
10	8QAM	25	24	19.83	19.85	19.81	21	3				
10	8QAM	50	0	19.86	19.85	19.86						
10	25QAM	1	0	17.07	17.01	17.05	19	5				
10	25QAM	1	25	17.04	17.00	17.00						
10	25QAM	25	0	17.06	17.00	17.06	19	5				
10	25QAM	25	12	17.04	17.00	17.06						
10	25QAM	50	0	17.00	17.10	17.14						
Channel												
Frequency (MHz)												
5	QPSK	1	0	23.02	23.01	23.09	24	0				
5	QPSK	1	12	22.92	22.87	22.85						
5	QPSK	1	24	22.84	22.86	22.86						
5	QPSK	12	0	21.90	22.03	21.89						
5	QPSK	12	7	21.82	21.75	21.89	23	1				
5	QPSK	12	13	21.87	21.75	21.89						
5	QPSK	25	0	21.90	21.89	21.99						
5	16QAM	1	0	22.10	22.08	22.13						
5	16QAM	1	12	22.04	22.13	22.19	23	1				
5	16QAM	1	24	21.99	22.04	22.16						
5	16QAM	12	0	20.89	20.93	20.92						
5	16QAM	12	7	20.90	20.83	20.92	22	2				
5	16QAM	12	13	20.79	20.73	21.00						
5	16QAM	25	0	20.93	20.93	21.00						
5	8QAM	1	0	20.97	21.08	21.09						
5	8QAM	1	12	20.94	21.00	21.13	22	2				
5	8QAM	1	24	21.03	21.08	21.08						
5	8QAM	12	0	19.88	19.90	19.93						
5	8QAM	12	7	19.91	19.78	19.94	21	3				
5	8QAM	12	13	19.85	19.85	19.86						
5	25QAM	1	0	17.06	17.00	17.04	19	5				
5	25QAM	1	12	17.01	17.05	17.05						
5	25QAM	1	24	17.06	17.07	17.04						
5	25QAM	12	0	17.05	17.00	17.06	19	5				
5	25QAM	12	7	17.07	17.03	17.13						
5	25QAM	12	13	17.00	17.05	17.09						
5	25QAM	25	0	17.15	17.00	17.11						
Channel												
Frequency (MHz)												
3	QPSK	1	0	22.88	22.89	22.88	24	0				
3	QPSK	1	3	22.86	22.87	22.87						
3	QPSK	1	6	22.84	22.84	22.77						
3	QPSK	3	0	22.78	22.87	22.72						
3	QPSK	3	3	22.78	22.85	22.80	23	1				
3	QPSK	6	0	21.84	21.84	21.79						
3	16QAM	1	0	22.14	22.30	22.13						
3	16QAM	1	3	21.81	21.90	21.72						
3	16QAM	1	6	21.81	21.81	21.72						
3	16QAM	3	0	21.84	21.93	21.78	23	1				
3	16QAM	3	3	21.84	21.93	21.78						
3	16QAM	6	0	21.84	21.84	21.79	23	1				
3	16QAM	6	3	21.81	21.96	21.71						
3	16QAM	6	6	21.81	21.86	21.78						
3	16QAM	6	9	21.80	21.80	21.73						
3	16QAM	6	12	21.80	21.80	21.73						
3	16QAM	6	15	21.80	21.80	21.73						
3	16QAM	6	18	21.80	21.80	21.73						
3	16QAM	6	21	21.80	21.80	21.73						
3	16QAM	6	24	21.80	21.80	21.73						
3	16QAM	6	27	21.80	21.80	21.73						
3	16QAM	6	30	21.80	21.80	21.73						
3	16QAM	6	33	21.80	21.80	21.73						
3	16QAM	6	36	21.80	21.80	21.73						
3	16QAM	6	39	21.80	21.80	21.73						
3	16QAM	6	42	21.80	21.80	21.73						
3	16QAM	6	45	21.80	21.80	21.73						
3	16QAM	6	48	21.80	21.80	21.73						
3	16QAM	6	51	21.80	21.80	21.73						
3	16QAM	6	54	21.80	21.80	21.73						
3	16QAM	6	57	21.80	21.80	21.73						
3	16QAM	6	60	21.80	21.80	21.73						
3	16QAM	6	63	21.80	21.80	21.73						
3	16QAM	6	66	21.80	21.80	21.73						
3	16QAM	6	69	21.80	21.80	21.73						
3	16QAM	6	72	21.80	21.80	21.73						
3	16QAM	6	75	21.80	21.80	21.73						
3	16QAM	6	78	21.80	21.80	21.73						
3	16QAM	6	81	21.80	21.80	21.73						
3	16QAM	6	84	21.80	21.80	21.73						
3	16QAM	6	87	21.80	21.80	21.73						
3	16QAM	6	90	21.80	21.80	21.73						
3	16QAM	6	93	21.80	21.80	21.73						
3	16QAM	6	96	21.80	21.80	21.73						
3	16QAM	6	99	21.80</								

Band 38_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPE (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	21.50	22.14	22.03	23	0				
20	QPSK	1	49	21.82	22.03	22.02						
20	QPSK	1	99	21.84	22.01	21.90						
20	QPSK	50	24	21.84	22.12	21.91	23	0				
20	QPSK	50	50	21.92	22.03	21.93						
20	QPSK	50	75	21.90	22.02	21.90						
20	16QAM	1	0	21.97	22.12	21.98	23	0				
20	16QAM	1	49	21.89	21.97	21.89						
20	16QAM	1	99	21.97	22.10	21.90						
20	16QAM	50	0	20.83	21.10	21.00	22	1				
20	16QAM	50	24	20.81	21.07	20.85						
20	16QAM	50	49	20.82	21.03	20.82						
20	16QAM	100	0	20.94	21.09	20.90	22	1				
20	16QAM	100	49	20.94	21.09	20.94						
20	16QAM	100	99	20.87	21.01	20.84						
20	16QAM	50	24	19.93	19.94	19.94	21	2				
20	16QAM	50	50	19.95	20.06	19.91						
20	16QAM	50	75	19.95	20.02	19.97						
20	256QAM	1	49	17.94	18.12	17.97	19	4				
20	256QAM	1	99	17.95	18.07	17.99						
20	256QAM	50	0	17.88	18.01	17.89						
20	256QAM	50	49	17.96	18.02	17.95	19	4				
20	256QAM	50	99	17.93	18.07	18.02						
20	256QAM	100	0	17.93	18.07	18.02						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.75	21.95	21.75	23	0				
15	QPSK	1	37	21.80	22.04	21.87						
15	QPSK	1	74	22.02	22.10	21.89						
15	QPSK	36	0	21.86	21.93	21.97	23	0				
15	QPSK	36	20	21.95	21.91	21.91						
15	QPSK	36	39	21.87	22.03	21.97						
15	QPSK	75	0	21.75	21.85	21.97	23	0				
15	16QAM	1	0	21.87	22.00	21.78						
15	16QAM	1	37	21.90	22.06	21.92						
15	16QAM	1	74	21.99	22.04	21.98	22	1				
15	16QAM	36	20	21.02	21.01	21.01						
15	16QAM	36	39	20.92	20.91	20.90						
15	16QAM	75	0	20.98	21.01	20.99	22	1				
15	16QAM	1	37	20.84	21.03	20.90						
15	16QAM	1	74	20.94	21.00	20.96						
15	16QAM	36	0	19.99	20.02	19.98	22	1				
15	16QAM	36	20	19.79	20.02	19.94						
15	16QAM	36	39	19.95	19.95	19.95						
15	256QAM	1	0	17.98	18.05	17.97	19	4				
15	256QAM	1	37	17.98	18.05	17.98						
15	256QAM	1	74	17.98	17.98	17.95						
15	256QAM	36	20	17.96	18.00	17.95	19	4				
15	256QAM	36	39	17.96	17.93	17.89						
15	256QAM	75	0	17.90	17.93	17.89						
Channel												
Frequency (MHz)												
10	QPSK	1	0	21.75	21.95	21.75	23	0				
10	QPSK	1	49	21.76	22.00	21.76						
10	QPSK	1	99	21.73	22.06	21.85						
10	QPSK	25	12	21.82	21.92	21.76	23	0				
10	QPSK	25	25	21.89	21.91	21.88						
10	QPSK	25	37	21.81	21.97	21.81						
10	16QAM	1	0	21.76	21.97	21.76	23	0				
10	16QAM	1	49	21.76	21.96	21.76						
10	16QAM	1	99	21.79	21.97	21.81						
10	16QAM	25	0	20.85	20.85	20.79	22	1				
10	16QAM	25	12	20.85	20.85	20.82						
10	16QAM	50	0	20.81	21.03	20.85						
10	16QAM	1	0	20.73	20.88	20.90	22	1				
10	16QAM	1	25	20.78	20.97	20.81						
10	16QAM	1	49	20.67	20.97	20.74						
10	16QAM	25	0	19.89	20.06	19.91	21	2				
10	16QAM	25	12	19.72	19.87	19.84						
10	16QAM	25	25	19.85	19.91	19.86						
10	256QAM	1	0	17.75	17.91	17.75	19	4				
10	256QAM	1	25	17.67	17.84	17.88						
10	256QAM	1	49	17.68	17.82	17.76						
10	256QAM	25	0	17.75	17.96	17.76	19	4				
10	256QAM	25	12	17.75	17.86	17.83						
10	256QAM	25	25	17.75	17.87	17.80						
10	256QAM	50	0	17.71	17.87	17.70	19	4				
10	256QAM	50	0	17.71	17.87	17.70						
10	256QAM	50	0	17.71	17.87	17.70						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.00	22.06	21.93	23	0				
5	QPSK	1	12	21.87	21.97	21.86						
5	QPSK	1	24	21.88	21.95	21.86						
5	QPSK	12	0	21.81	21.90	21.90	23	0				
5	QPSK	12	7	21.85	21.92	21.89						
5	QPSK	12	14	21.86	21.92	21.86						
5	QPSK	25	0	21.73	21.88	21.82	23	0				
5	QPSK	25	0	21.87	22.08	21.91						
5	QPSK	12	7	21.87	21.99	21.87						
5	16QAM	1	24	21.87	22.00	21.78	22	1				
5	16QAM	12	7	20.94	20.94	20.89						
5	16QAM	12	13	20.89	20.98	20.77						
5	16QAM	25	0	20.91	21.00	20.76	22	1				
5	16QAM	25	0	20.94	20.92	20.92						
5	16QAM	1	12	20.91	21.02	20.83						
5	16QAM	12	0	20.91	20.93	20.92	21	2				
5	16QAM	12	13	20.93	20.93	20.92						
5	16QAM	12	0	19.78	20.08	19.89						
5	16QAM	25	0	19.74	19.89	19.80	19	2				
5	16QAM	25	12	19.75	19.84	19.81						
5	16QAM	25	25	19.86	19.91	19.87						
5	256QAM	1	12	17.70	17.86	17.70	19	4				
5	256QAM	1	24	17.77	17.93	17.81						
5	256QAM	1	36	17.77	17.93	17.79						
5	256QAM	12	7	17.85	17.95	17.85	19	4				
5	256QAM	12	13	17.80	18.04	17.82						
5	256QAM	12	0	17.80	18.04	17.82						

Band 41_Ant 2_PC2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-on time (ms)	MPE (dB)			
Channel													
Frequency (MHz)				36700	40165	46020	41656	41680					
Frequency (MHz)				2500	2500	2500	2500	2500					
20	QPSK	1	0	23.01	23.01	23.01	23.01	23.01					
20	QPSK	1	49	23.01	23.43	23.51	23.51	23.43					
20	QPSK	1	99	23.00	23.45	23.61	23.54	23.45	24.6	0			
20	QPSK	50	0	23.35	23.41	23.52	23.44	23.52					
20	QPSK	50	24	23.32	23.40	23.48	23.43	23.39					
20	QPSK	50	50	23.36	23.34	23.40	23.31	23.27	24.6	0			
20	QPSK	100	0	23.34	23.32	23.43	23.41	23.37					
20	IQAM	1	0	23.41	23.52	23.61	23.51	23.52					
20	IQAM	1	49	23.54	23.40	23.66	23.47	23.51	24.6	0			
20	IQAM	1	99	23.41	23.46	23.61	23.44	23.46					
20	IQAM	50	0	23.45	23.40	23.64	23.55	23.49					
20	IQAM	50	24	23.52	23.48	23.65	23.41	23.55	24.6	0			
20	IQAM	50	50	23.42	23.36	23.52	23.44	23.48					
20	IQAM	100	0	23.41	23.44	23.68	23.40	23.52					
20	IQAM	1	0	23.49	23.39	23.63	23.56	23.44	24.6	0			
20	IQAM	1	49	23.00	23.41	23.52	23.44	23.54					
20	IQAM	1	99	23.02	23.43	23.65	23.44	23.52					
20	IQAM	50	0	23.65	22.90	23.08	22.88	23.01					
20	IQAM	50	24	22.99	23.04	23.07	23.05	23.05	24	0.6			
20	IQAM	50	50	22.97	22.91	23.07	23.03	23.01					
20	IQAM	100	0	23.01	23.06	23.06	23.03	23.03	22	2.6			
20	IQAM	1	49	21.06	20.93	21.10	21.00	21.06					
20	IQAM	1	99	20.91	20.96	21.16	20.92	20.98					
20	IQAM	50	0	20.93	20.90	21.04	21.00	20.98					
20	IQAM	50	24	20.93	20.96	21.03	21.01	20.98	22	2.6			
20	IQAM	50	50	20.93	20.96	21.03	21.01	20.98					
20	IQAM	100	0	20.93	20.94	21.09	20.95	21.13					
Channel													
Frequency (MHz)				25015	26173	26993	26993	26993	Turn-on time (ms)	MPE (dB)			
15	QPSK	1	0	23.49	23.39	23.46	23.44	23.63					
15	QPSK	1	37	23.36	23.45	23.39	23.57	23.58	24.6	0			
15	QPSK	1	74	23.37	23.42	23.28	23.62	23.43					
15	QPSK	50	0	23.33	23.39	23.21	23.52	23.46					
15	QPSK	50	24	23.22	23.42	23.32	23.28	23.32	24.6	0			
15	QPSK	50	50	23.37	23.42	23.31	23.35	23.39					
15	QPSK	75	0	23.25	23.23	23.11	23.47	23.28					
15	IQAM	1	0	23.38	23.65	23.34	23.65	23.35					
15	IQAM	1	37	23.05	23.33	23.13	23.50	23.44	24.6	0			
15	IQAM	1	74	23.28	23.59	23.40	23.58	23.50					
15	IQAM	36	0	23.30	23.44	23.25	23.48	23.35					
15	IQAM	36	24	23.25	23.40	23.28	23.40	23.35	24.6	0			
15	IQAM	36	50	23.30	23.58	23.33	23.45	23.60					
15	IQAM	75	0	23.37	23.30	23.38	23.57	23.42					
15	IQAM	75	24	23.44	23.62	23.28	23.47	23.52					
15	IQAM	1	37	23.46	23.40	23.45	23.42	23.58	24.6	0			
15	IQAM	1	74	23.47	23.46	23.47	23.46	23.47					
15	IQAM	36	0	22.77	23.07	22.91	23.02	22.99					
15	IQAM	36	24	22.95	22.93	22.76	22.87	23.08	24	0.6			
15	IQAM	36	50	23.04	23.06	23.06	23.06	23.06					
15	IQAM	75	0	22.85	22.95	22.80	23.10	22.93					
15	IQAM	75	24	22.85	22.95	22.80	23.10	22.93	22	2.6			
15	IQAM	75	50	22.85	22.95	22.80	23.10	22.93					
15	IQAM	1	0	20.89	20.95	20.89	21.08	21.05					
15	IQAM	1	37	20.85	21.05	20.74	21.05	20.82	22	2.6			
15	IQAM	1	74	20.84	20.98	20.83	20.96	21.05					
15	IQAM	36	0	20.83	21.11	20.97	21.01	20.94					
15	IQAM	36	24	20.90	20.95	20.85	20.99	21.01	22	2.6			
15	IQAM	36	50	20.84	20.96	20.74	20.92	20.95					
15	IQAM	75	0	20.89	20.89	20.88	20.96	20.95					
Channel													
Frequency (MHz)				36700	40160	46020	41650	41650	Turn-on time (ms)	MPE (dB)			
Frequency (MHz)				2501	2501	2501	2501	2501					
5	QPSK	1	0	23.49	23.49	23.49	23.49	23.49					
5	QPSK	1	12	23.33	23.53	23.39	23.49	23.38	24.6	0			
5	QPSK	1	24	23.41	23.54	23.36	23.43	23.41					
5	QPSK	12	0	23.40	23.36	23.33	23.29	23.35					
5	QPSK	12	7	23.17	23.53	23.26	23.41	23.31	24.6	0			
5	QPSK	12	13	23.20	23.33	23.27	23.21	23.49					
5	QPSK	25	0	23.17	23.37	23.25	23.52	23.33					
5	IQAM	1	0	23.39	23.57	23.37	23.61	23.41					
5	IQAM	1	12	23.37	23.54	23.41	23.40	23.35	24.6	0			
5	IQAM	1	24	23.30	23.50	23.36	23.57	23.39					
5	IQAM	12	0	23.35	23.39	23.50	23.60	23.39					
5	IQAM	12	7	23.40	23.53	23.46	23.60	23.40	24.6	0			
5	IQAM	12	13	23.38	23.46	23.38	23.44	23.43					
5	IQAM	25	0	23.42	23.46	23.47	23.43	23.34	24.6	0			
5	IQAM	25	12	23.43	23.43	23.41	23.53	23.52					
5	IQAM	25	24	23.43	23.46	23.47	23.43	23.34					
5	IQAM	1	0	23.37	23.58	23.39	23.50	23.47					
5	IQAM	12	0	22.95	23.07	22.86	22.97	22.87					
5	IQAM	12	7	22.86	22.98	22.86	22.90	22.87	24	0.6			
5	IQAM	12	13	22.90	23.04	22.83	23.00	22.85					
5	IQAM	25	0	22.93	22.93	22.78	22.99	22.79					
5	IQAM	25	12	22.95	23.08	22.86	22.98	22.85	22	2.6			
5	IQAM	25	24	22.93	23.07	22.86	22.97	22.85					
5	IQAM	1	0	21.01	21.09	20.88	21.03	20.90					
5	IQAM	12	0	20.86	20.95	20.82	21.11	20.94	22	2.6			

Band 41_Ant 9_PC3												
BW [MHz]	Modulation	RB [kHz]	RB Offset	Power Low Ch [F/Hz]	Power Low Mid Ch [F/Hz]	Power Low High Ch [F/Hz]	Power High Ch [F/Hz]	Power High Ch [F/Hz]	Turn-up [dB]	Time-up [min]	MPE [dB]	
Channel												
Frequency (MHz)				2508	2549.5	2593	2636.5	2680				
20	QPSK	1	0	23.47	23.31	23.42	23.32	23.05				
20	QPSK	1	49	23.51	23.29	23.23	23.05	22.90		24	0	
20	QPSK	1	99	23.57	23.27	23.22	23.05	22.92				
20	QPSK	50	0	23.38	23.31	23.38	23.07	23.05				
20	QPSK	50	24	23.33	23.29	23.24	23.05	22.92				
20	QPSK	50	50	23.25	23.28	23.21	23.05	21.98		23	1	
20	QPSK	100	0	23.24	23.27	23.31	23.05	21.95				
20	HQAM	1	0	23.33	23.29	23.24	23.05	22.92				
20	HQAM	1	49	22.46	22.35	22.32	22.14	21.99		23	1	
20	HQAM	1	99	22.43	22.34	22.28	22.13	22.05				
20	HQAM	50	0	21.97	21.92	21.98	21.70	20.57				
20	HQAM	50	24	21.90	21.90	21.91	21.70	20.55				
20	HQAM	50	50	21.42	21.50	21.53	21.07	21.00				
20	HQAM	100	0	21.37	21.30	21.20	21.00	20.91				
20	BQAM	1	0	21.01	21.02	20.93	20.82	20.50				
20	BQAM	1	49	21.14	21.04	21.00	20.82	20.57				
20	BQAM	1	99	21.18	21.04	21.01	20.83	21.05				
20	BQAM	50	0	20.34	20.35	20.26	20.18	19.94				
20	BQAM	50	24	20.42	20.35	20.32	20.15	19.93				
20	BQAM	50	50	20.43	20.30	20.28	20.12	20.06				
20	BQAM	100	0	20.40	20.32	20.30	20.15	20.05				
20	BQAM	1	0	18.20	18.34	18.20	18.34	18.20				
20	BQAM	1	49	18.12	18.30	18.12	18.30	18.33				
20	BQAM	1	99	18.21	18.39	18.21	18.39	18.21				
20	BQAM	50	0	18.26	18.29	18.26	18.29	18.23				
20	BQAM	50	24	18.24	18.27	18.24	18.27	18.26				
20	BQAM	50	50	18.28	18.28	18.28	18.28	18.28				
20	BQAM	100	0	18.13	18.27	18.13	18.27	18.26				
Channel												
Frequency (MHz)				39728	40173	40620	41068	41515	Turn-up [dB]	Time-up [min]	MPE [dB]	
15	QPSK	1	0	23.37	23.31	23.39	23.13	23.00				
15	QPSK	1	37	23.18	22.96	23.19	22.98	22.77		24	0	
15	QPSK	1	74	23.14	23.01	23.19	23.04	22.92				
15	QPSK	50	0	23.24	23.14	23.30	23.06	22.91				
15	QPSK	50	24	23.02	23.07	23.24	23.01	21.81				
15	QPSK	50	50	22.98	23.09	23.06	23.07	21.84				
15	QPSK	75	0	23.24	23.02	23.24	23.05	21.89				
15	HQAM	1	0	23.22	23.02	23.18	23.02	21.88				
15	HQAM	1	37	22.10	22.09	23.06	23.07	21.87				
15	HQAM	1	74	22.10	22.08	22.17	22.10	21.98		23	1	
15	HQAM	50	0	21.94	21.00	21.15	21.07	20.77				
15	HQAM	50	24	21.02	21.02	21.15	21.02	20.86				
15	HQAM	50	36	21.10	21.02	21.22	21.02	20.98				
15	HQAM	75	0	21.18	21.14	21.14	20.98	20.86				
15	HQAM	1	0	20.87	20.79	20.88	20.74	20.52				
15	BQAM	1	37	20.89	20.78	20.92	20.86	20.59				
15	BQAM	1	74	20.94	20.81	20.90	20.87	20.59				
15	BQAM	50	0	20.15	20.11	20.13	20.10	19.82				
15	BQAM	50	36	20.30	20.02	20.28	20.12	19.86				
15	BQAM	50	74	20.02	20.03	20.05	20.05	19.82				
15	BQAM	75	0	20.15	20.00	20.18	20.02	19.87				
15	BQAM	1	0	18.10	18.29	18.11	18.28	18.28				
15	BQAM	1	37	18.02	18.15	18.06	18.27	18.24				
15	BQAM	1	74	18.06	18.09	18.20	18.32	18.27				
15	BQAM	50	0	18.15	18.22	18.18	18.22	18.18				
15	BQAM	50	24	18.17	18.15	18.20	18.19	18.20				
15	BQAM	50	36	18.10	18.21	18.15	18.31	18.27				
15	BQAM	75	0	18.14	18.09	18.11	18.16	18.13	Turn-up [dB]	Time-up [min]	MPE [dB]	
Channel				39728	40173	40620	41068	41515				
Frequency (MHz)				2501	2547	2593	2639	2685				
10	QPSK	1	0	23.30	23.23	23.29	23.15	22.87				
10	QPSK	1	49	23.35	23.05	23.17	23.05	22.85		24	0	
10	QPSK	1	99	23.38	22.92	23.07	22.87	22.82				
10	QPSK	25	0	23.28	23.18	23.24	23.18	22.80				
10	QPSK	12	0	23.12	23.07	23.16	23.07	21.87				
10	QPSK	25	25	22.69	23.03	23.06	23.03	21.83				
10	QPSK	50	0	22.98	22.90	22.95	21.99	21.75				
10	HQAM	1	0	22.92	22.93	23.15	21.99	21.86				
10	HQAM	1	25	22.27	22.05	22.20	22.13	21.84				
10	HQAM	1	49	22.11	22.11	22.06	21.97	21.87				
10	HQAM	25	0	21.05	21.05	21.08	21.08	20.89				
10	HQAM	25	12	21.17	21.08	21.07	21.02	20.82				
10	HQAM	25	25	21.21	21.04	21.08	20.98	20.85				
10	HQAM	50	0	21.18	20.99	21.16	21.01	20.81				
10	HQAM	1	0	20.76	20.67	20.62	20.73	20.47				
10	HQAM	1	25	20.97	20.83	20.87	20.80	20.68				
10	BQAM	1	49	20.68	20.74	20.68	20.78	21.02				
10	BQAM	1	25	20.21	20.14	20.11	20.02	19.86				
10	BQAM	25	12	20.52	20.14	20.19	20.01	19.85				
10	BQAM	25	25	20.22	20.10	20.16	20.05	19.89				
10	BQAM	50	0	20.27	20.09	20.26	20.06	19.89				
10	BQAM	1	0	18.11	18.33	18.06	18.23	18.23				
10	BQAM	1	25	18.11	18.38	17.99	18.16	18.19				
10	BQAM	25	0	18.17	18.20	18.19	18.27	18.18				
10	BQAM	25	12	18.06	18.17	18.22	18.14	18.23				
10	BQAM	25	25	18.14	18.31	18.07	18.20	18.21				
10	BQAM	50	0	18.00	18.17	18.05	18.21	18.24				
Channel												
Frequency (MHz)				39728	40173	40620	41068	41515	Turn-up [dB]	Time-up [min]	MPE [dB]	
5	QPSK	1	0	23.30	23.19	23.40	23.15	22.95				
5	QPSK	1	12	23.30	22.94	23.15	22.96	22.87		24	0	
5	QPSK	1	49	23.31	23.04	23.18	22.96	22.83				
5	QPSK	12	0	22.32	21.83	22.28	21.95	21.88				
5	QPSK	12	7	22.03	22.01	22.16	21.92	21.80				
5	QPSK	12	13	22.02	22.05	22.09	21.91	21.82				
5	QPSK	25	0	22.17	22.03	22.27	21.95	21.85				
5	HQAM	1	0	22.02	22.08	22.16	21.97	21.87				
5	HQAM	1	12	22.27	22.03	22.29	22.05	21.88				
5	HQAM	1	24	22.27	22.12	22.15	22.10	22.04				
5	HQAM	12	7	21.90	21.01	21.13	21.04	20.94				
5	HQAM	12	13	21.18	20.94	21.12	21.02	20.88				
5	HQAM	25	0	21.16	20.99	21.10	21.05	20.90				
5	BQAM	1	0	20.80	20.69	20.88	20.69	20.59				
5	BQAM	1	12	20.88	20.67	20.62	20.81	20.67				
5	BQAM	1	24	20.87	20.77	20.88	20.82	21.04				
5	BQAM	12	0	20.10	20.15	20.15	20.08	19.89				
5	BQAM	12	7	20.21	20.02	20.20	20.00	19.95				
5	BQAM	12	13	20.19	20.08	20.26	20.07	20.04				
5	BQAM	25	0	20.24	20.08	20.26	20.06	19.97				
5	BQAM	25	0	18.18	18.38	18.09	18.26	18.23				
5	BQAM	25	12	17.95	18.17	17.97	18.25	18.25				
5	BQAM	25	13	18.13	18.35	18.19	18.38	18.35				
5	BQAM	50	0	18.26	18.28	18.25	18.38	18.30				
5	BQAM	12	7	18.20	18.20	18.21	18.23	18.20				
5	BQAM	12	13	18.05	18.25	18.18	18.34	18.30				
5	BQAM	25	0	18.01	18.18	18.00	18.20	18.21				

Band 41_Ant 9_PC2												
BW [MHz]	Modulation	RB [kHz]	RB Offset	Power Low Ch [F/Hz]	Power Low Mid Ch [F/Hz]	Power Low High Ch [F/Hz]	Power High Ch [F/Hz]	Power High Ch [F/Hz]	Turnup Time (dBm)	MPE (dB)		
Channel				36760	40186	46020	45585	41480				
Frequency (MHz)				2600	2649	2693	2636	2616				
30	QPSK	1	0	24.58	24.71	24.73	24.72	24.69	25.6	0		
30	QPSK	1	49	24.58	24.71	24.73	24.72	24.69				
30	QPSK	50	24	24.58	24.71	24.73	24.72	24.69				
30	QPSK	50	24	24.58	24.71	24.73	24.72	24.69	25.6	0		
30	QPSK	50	24	24.58	24.71	24.73	24.72	24.69				
30	QPSK	50	24	24.58	24.71	24.73	24.72	24.69				
20	QPSK	1	0	24.70	24.57	24.78	24.67	24.62	25.6	0		
20	QPSK	1	49	24.56	24.59	24.87	24.78	24.73				
20	QPSK	1	49	24.51	24.65	24.83	24.74	24.69				
20	QPSK	50	24	24.16	24.20	24.23	24.18	24.14	25	0		
20	QPSK	50	24	24.21	24.23	24.21	24.19	24.16				
20	QPSK	50	24	24.21	24.23	24.21	24.19	24.16				
20	QPSK	100	0	24.20	24.14	24.18	24.28	24.17	25	0		
20	QPSK	100	0	24.15	24.10	24.28	24.28	24.18				
20	QPSK	100	0	24.11	24.16	24.26	24.14	24.09				
20	QPSK	1	99	24.13	24.19	24.16	24.21	24.17	24	1.6		
20	QPSK	50	24	23.08	23.14	23.26	23.28	23.07				
20	QPSK	50	24	23.18	23.07	23.30	23.28	23.15				
20	QPSK	50	24	23.17	23.13	23.21	23.19	23.11	22	3.6		
20	QPSK	50	24	21.13	21.16	21.27	21.24	21.18				
20	QPSK	50	24	21.13	21.08	21.19	21.26	21.16				
20	QPSK	50	24	21.13	21.13	21.21	21.19	21.11	22	3.6		
20	QPSK	50	24	21.11	21.10	21.22	21.27	21.19				
20	QPSK	50	24	21.16	21.22	21.16	21.25	21.17				
20	QPSK	100	0	21.16	21.14	21.17	21.13	21.08	Turnup limit (dBm)	MPE (dB)		
Frequency (MHz)				2605.5	2646.3	2693.9	2637.8	2625.3				
15	QPSK	1	0	24.56	24.71	24.69	24.71	24.64				
15	QPSK	1	31	24.46	24.54	24.60	24.63	24.57				
15	QPSK	1	31	24.41	24.48	24.54	24.56	24.51				
15	QPSK	50	24	24.29	24.63	24.45	24.71	24.52	25.6	0		
15	QPSK	50	24	24.29	24.61	24.46	24.70	24.52				
15	QPSK	50	24	24.28	24.60	24.47	24.69	24.50				
15	QPSK	50	24	24.35	24.61	24.40	24.63	24.49	25.6	0		
15	QPSK	50	24	24.42	24.61	24.73	24.62	24.54				
15	QPSK	50	24	24.45	24.74	24.51	24.64	24.49				
15	QPSK	1	74	24.57	24.60	24.68	24.58	24.62	25	0.6		
15	QPSK	50	24	24.15	24.11	24.26	24.19	24.16				
15	QPSK	50	24	24.02	24.19	24.06	24.21	24.17				
15	QPSK	50	24	23.96	24.19	24.14	24.22	24.16	24	1.6		
15	QPSK	50	24	23.14	24.24	24.19	24.23	24.18				
15	QPSK	1	0	24.01	24.18	24.04	24.02	23.96				
15	QPSK	1	31	24.11	24.03	24.24	24.14	24.06	25	0.6		
15	QPSK	1	31	24.06	24.14	24.19	24.23	24.02				
15	QPSK	50	24	22.89	23.22	23.24	23.17	23.06				
15	QPSK	50	24	23.02	23.16	23.13	23.21	23.13	24	1.6		
15	QPSK	50	24	23.06	23.14	23.19	23.23	23.02				
15	QPSK	50	24	23.09	23.26	23.08	23.11	23.06				
15	QPSK	50	24	23.11	23.16	23.11	23.19	23.13	22	3.6		
15	QPSK	1	31	21.00	21.08	21.05	21.11	21.04				
15	QPSK	1	74	20.93	21.15	21.20	21.30	21.13				
15	QPSK	50	24	21.04	21.17	21.19	21.25	21.14	22	3.6		
15	QPSK	50	24	21.04	21.17	21.19	21.25	21.14				
15	QPSK	50	24	20.93	21.14	21.14	21.21	21.08				
Channel <th>36760</th> <th>40186</th> <th>46020</th> <th>45585</th> <th>41480</th> <th></th> <th></th> <th></th> <th></th>				36760	40186	46020	45585	41480				
Frequency (MHz)				2601	2647	2693	2636	2616				
15	QPSK	1	0	24.56	24.71	24.69	24.71	24.64	25.6	0		
15	QPSK	1	31	24.46	24.71	24.62	24.69	24.42				
15	QPSK	1	49	24.55	24.74	24.63	24.68	24.61				
15	QPSK	50	24	24.51	24.67	24.43	24.69	24.47	25.6	0		
15	QPSK	50	24	24.43	24.52	24.44	24.57	24.63				
15	QPSK	50	24	24.52	24.60	24.39	24.69	24.61				
15	QPSK	50	24	24.45	24.57	24.43	24.69	24.47	25.6	0		
15	QPSK	50	24	24.52	24.60	24.55	24.69	24.61				
15	QPSK	50	24	24.62	24.79	24.50	24.66	24.61				
15	QPSK	50	24	24.44	24.53	24.49	24.61	24.47	25	0.6		
15	QPSK	50	24	24.06	24.24	23.99	24.19	24.02				
15	QPSK	50	24	24.05	24.20	23.93	24.14	24.04				
15	QPSK	50	24	24.12	24.22	23.93	24.14	24.04	25	0.6		
15	QPSK	50	24	24.08	24.19	23.97	24.03	24.01				
15	QPSK	50	24	24.09	24.19	23.97	24.03	24.01				
15	QPSK	1	49	24.09	24.06	24.03	24.08	24.03	24	0.6		
15	QPSK	1	49	24.09	24.06	24.03	24.08	24.03				
15	QPSK	50	24	23.04	23.09	23.03	23.18	22.94				
15	QPSK	50	24	23.17	23.09	23.03	23.18	22.97	22	3.6		
15	QPSK	1	0	21.13	21.07	20.96	21.10	21.04				
15	QPSK	1	25	21.01	21.18	21.14	21.16	21.03				
15	QPSK	50	24	21.05	21.28	21.09	21.13	21.01	22	3.6		
15	QPSK	50	24	21.14	21.15	21.09	21.10	21.02				
15	QPSK	50	24	21.05	21.15	21.09	21.10	21.02				
15	QPSK	50	24	21.06	21.15	21.09	21.10	21.02	22	3.6		
15	QPSK	50	24	21.06	21.15	21.09	21.10	21.02				
15	QPSK	50	24	21.13	21.13	21.10	21.16	21.11				
Frequency (MHz)				2465.5 <th>2464.3<th>2465.9<th>2465.9<th>2465.5<th>Turnup limit (dBm)</th><th>MPE (dB)</th><th></th><th></th></th></th></th></th>	2464.3 <th>2465.9<th>2465.9<th>2465.5<th>Turnup limit (dBm)</th><th>MPE (dB)</th><th></th><th></th></th></th></th>	2465.9 <th>2465.9<th>2465.5<th>Turnup limit (dBm)</th><th>MPE (dB)</th><th></th><th></th></th></th>	2465.9 <th>2465.5<th>Turnup limit (dBm)</th><th>MPE (dB)</th><th></th><th></th></th>	2465.5 <th>Turnup limit (dBm)</th> <th>MPE (dB)</th> <th></th> <th></th>	Turnup limit (dBm)	MPE (dB)		
5	QPSK	1	0	24.80	24.78	24.77	24.77	24.72	25.6	0		
5	QPSK	1	12	24.54	24.73	24.64	24.66	24.59				
5	QPSK	1	12	24.52	24.66	24.64	24.64	24.57				
5	QPSK	12	7	24.47	24.55	24.47	24.70	24.56	25.6	0		
5	QPSK	12	7	24.47	24.58	24.47	24.76	24.60				
5	QPSK	12	7	24.36	24.49	24.40	24.66	24.46				
5	QPSK	25	0	24.36	24.47	24.44	24.70	24.74	25.6	0		
5	QPSK	25	0	24.47	24.47	24.44	24.67	24.64				
5	QPSK	1	12	24.50	24.75	24.66	24.77	24.69				
5	QPSK	1	24	24.53	24.71	24.69	24.61	24.69	25	0.6		
5	QPSK	1	24	24.53	24.71	24.69	24.61	24.69				
5	QPSK	12	7	24.06	24.08	24.05	24.32	24.17				
5	QPSK	12	13	23.97	24.16	24.11	24.11	24.09	24	0.6		
5	QPSK	12	13	23.92	24.08	24.11	24.11	24.09				
5	QPSK	1	0	23.97	24.17	24.07	24.20	23.98				
5	QPSK	1	12	23.96	24.13	24.04	24.10	24.13	25	0.6		
5	QPSK	1	12	23.96	24.13	24.04	24.10	24.13				
5	QPSK	1	12	23.96	24.13	24.04	24.10	24.13				
5	QPSK	12	0	22.99	23.15	23.20	23.11	23.16	24	1.6		
5	QPSK	12	0	23.04	23.12	23.14	23.16	23.13				
5	QPSK	12	0	23.09	23.13	23.13	23.13	23.13				
5	QPSK	12	12	21.08	21.07	21.12	21.18	21.04	22	3.6		
5	QPSK	12	12	21.10	21.08	21.12	21.18	21.07				
5	QPSK	12	12	21.10	21.08	21.12	21.18	21.07				
5	QPSK	12	12	21.10	21.08	21.12	21.18	21.07	22	3.6		
5	QPSK	12	12	21.10	21.08	21.12	21.18	21.07				
5	QPSK	12	12	21.10	21.08	21.12	21.18	21.07				

Part 27Q_Band 42_Ant 5															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MFR (dB)							
Channel															
Frequency (MHz)															
20	QPSK	1	0	23.07	23.08	23.09	24	0							
20	QPSK	1	49	23.04	23.06	23.04									
20	QPSK	1	99	22.97	23.14	22.98	23	1							
20	QPSK	50	0	22.02	22.10	22.01									
20	QPSK	50	50	22.02	22.17	21.98	23	1							
20	QPSK	50	99	22.02	22.16	22.03									
20	16QAM	1	0	22.03	22.15	22.09	23	1							
20	16QAM	1	49	22.02	22.06	22.03									
20	16QAM	50	0	21.93	22.16	21.95	22	2							
20	16QAM	50	49	20.93	21.13	21.09									
20	16QAM	50	99	20.95	21.12	20.97	22	2							
20	16QAM	100	0	20.94	21.12	21.06									
20	16QAM	100	0	20.97	21.13	21.06	22	2							
20	16QAM	1	49	21.04	21.16	21.07									
20	16QAM	1	99	20.95	21.12	20.97	21	3							
20	16QAM	50	24	20.95	20.67	20.63									
20	16QAM	50	99	19.97	20.12	19.96	21	3							
20	256QAM	1	0	18.05	18.18	18.06									
20	256QAM	1	49	18.04	18.06	18.06	19	5							
20	256QAM	99	17.94	18.07	18.05										
20	256QAM	50	24	17.97	18.18	18.01	19	5							
20	256QAM	99	18.04	18.06	17.98										
20	256QAM	100	0	18.00	18.05	17.98									
Channel															
Frequency (MHz)															
15	QPSK	1	0	22.94	23.16	22.95	24	0							
15	QPSK	1	37	23.00	22.98	22.90									
15	QPSK	74	22.89	23.03	22.94	23	1								
15	QPSK	36	0	22.07	22.11	22.05									
15	QPSK	36	20	21.96	22.10	21.88	23	1							
15	QPSK	36	39	21.98	22.14	21.97									
15	QPSK	75	0	21.84	22.08	21.90	23	1							
15	16QAM	1	0	21.98	22.12	21.96									
15	16QAM	1	37	21.92	22.06	21.91	23	1							
15	16QAM	1	74	21.86	22.12	22.03									
15	16QAM	36	0	20.78	21.04	21.04	22	2							
15	16QAM	36	20	20.81	21.16	20.85									
15	16QAM	36	39	20.85	21.06	20.92	22	2							
15	16QAM	75	0	20.92	20.98	21.00									
15	16QAM	1	0	20.85	21.00	20.90	22	2							
15	16QAM	1	37	20.93	21.08	20.97									
15	16QAM	74	20.87	21.06	20.99	21	3								
15	16QAM	36	0	19.93	19.99	19.99									
15	16QAM	36	20	19.93	19.98	20.00									
15	16QAM	36	39	19.94	20.00	20.00									
15	16QAM	75	0	19.98	20.03	19.95	19	5							
15	256QAM	1	0	17.80	18.15	17.84									
15	256QAM	1	37	18.02	18.02	18.02	19	5							
15	256QAM	1	74	17.84	18.00	17.95									
15	256QAM	36	0	17.87	18.05	18.05	19	5							
15	256QAM	36	20	17.91	18.13	18.03									
15	256QAM	36	39	18.01	18.00	17.95	19	5							
Channel															
Frequency (MHz)															
10	QPSK	1	0	22.94	23.16	22.92			24		0				
10	QPSK	1	49	22.86	23.00	22.91									
10	QPSK	25	0	22.08	22.18	22.08	23	1							
10	QPSK	25	12	21.99	22.17	21.98									
10	QPSK	25	25	22.01	22.09	21.97	23	1							
10	QPSK	50	0	21.62	22.06	21.84									
10	16QAM	1	0	21.06	22.13	21.07	23	1							
10	16QAM	1	25	21.88	22.01	21.87									
10	16QAM	25	0	21.06	21.06	21.06	22	2							
10	16QAM	25	12	20.89	21.05	20.88									
10	16QAM	25	25	20.94	21.02	20.97	22	2							
10	16QAM	50	0	20.87	20.99	20.88									
10	16QAM	1	0	20.85	21.04	20.95	22	2							
10	16QAM	1	25	20.91	21.04	20.93									
10	16QAM	1	49	20.92	21.11	20.92	21	3							
10	16QAM	25	0	19.90	19.94	19.97									
10	16QAM	25	12	19.99	20.00	20.00	19	5							
10	16QAM	25	25	19.98	20.02	19.92									
10	16QAM	50	0	19.92	20.00	19.95	19	5							
10	256QAM	1	0	17.90	18.14	18.01									
10	256QAM	1	25	17.89	17.99	18.01	19	5							
10	256QAM	1	49	17.85	17.92	17.86									
10	256QAM	25	0	17.82	17.92	18.01	19	5							
10	256QAM	25	12	17.82	18.03	17.93									
10	256QAM	25	25	18.00	17.93	17.85	19	5							
10	256QAM	50	0	17.90	18.07	17.89									
Channel															
Frequency (MHz)															
5	QPSK	1	0	23.02	23.16	23.01	24	0							
5	QPSK	1	12	23.00	22.92	22.86									
5	QPSK	1	24	22.87	23.07	22.91	23	1							
5	QPSK	12	0	22.14	22.16	21.90									
5	QPSK	12	7	21.96	22.04	22.00	23	1							
5	QPSK	12	13	21.97	22.02	21.89									
5	QPSK	25	0	21.83	22.09	21.79	23	1							
5	QPSK	1	0	21.88	22.07	21.87									
5	16QAM	1	12	22.01	22.01	21.88	23	1							
5	16QAM	1	24	21.85	22.06	22.02									
5	16QAM	12	0	20.83	21.04	20.83	22	2							
5	16QAM	12	13	20.92	21.01	20.93									
5	16QAM	36	0	20.84	21.10	20.84	22	2							
5	16QAM	1	0	20.95	21.07	20.97									
5	16QAM	1	12	20.95	21.07	20.94	21	3							
5	16QAM	1	24	20.88	21.11	20.83									
5	16QAM	12	0	19.85	19.99	19.87	19	5							
5	16QAM	12	7	20.02	19.94	19.92									
5															

Reduced Power Mode for ECI 7

GSM/DCI_Air 0	Band Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	845.2	846.4	848.8	845.2	846.4	848.8
GSM 1 Tx ant.	32.53	32.55	32.51	33.80	23.53	23.55
GPRS 1 Tx ant.	32.48	32.52	32.48	33.80	23.52	23.48
GPRS 2 Tx ant.	31.70	31.76	31.74	32.89	26.70	26.76
GPRS 3 Tx ant.	29.51	29.57	29.55	31.80	25.65	25.71
GPRS 4 Tx ant.	28.81	28.85	28.79	30.80	25.61	25.65
EDGE 1 Tx ant.	26.09	26.71	26.64	26.80	17.60	17.71
EDGE 2 Tx ant.	25.23	25.27	24.85	26.80	19.23	19.27
EDGE 3 Tx ant.	23.71	23.73	23.27	24.80	18.45	18.47
EDGE 4 Tx ant.	21.53	21.12	21.50	22.80	18.05	18.12

GSM/DCI_Air 2	Band Average Power (dBm)			Frame Average Power (dBm)		
	TX Channel	Limit	Tune-up	TX Channel	Limit	Tune-up
Frequency (MHz)	1852.2	885	1558.8	1852.2	885	1558.8
GSM 1 Tx ant.	26.61	26.72	26.59	27.79	17.61	17.72
GPRS 1 Tx ant.	26.48	26.60	26.52	27.79	17.48	17.60
GPRS 2 Tx ant.	23.53	23.65	23.54	24.76	17.23	17.35
GPRS 3 Tx ant.	21.65	21.91	21.85	23.80	17.59	17.65
GPRS 4 Tx ant.	20.05	20.47	20.25	21.80	17.46	17.52
EDGE 1 Tx ant.	26.21	26.28	26.19	27.40	17.21	17.23
EDGE 2 Tx ant.	23.40	23.41	23.26	24.80	17.45	17.41
EDGE 3 Tx ant.	21.27	21.30	21.17	22.80	17.51	17.54
EDGE 4 Tx ant.	19.53	19.34	19.21	20.30	16.34	16.21

Band		WCDMA U_Air 2			WCDMA IV_Air 2			WCDMA V_Air 0		
TX Channel	Limit	1552	1600	1558	1512	1415	1513	4152	4152	4233
TX Channel	Limit	1552	1600	1558	1512	1415	1513	4152	4152	4233
Frequency (MHz)	1852.4	1888	1907.6	1712.4	1712.6	1752.8	1752.8	856.4	856.4	866.8
ISPP Rel 0	16.41	16.49	16.20	16.20	16.76	16.50	16.73	16.76	23.03	23.06
ISPP Rel 0	16.51	16.58	16.44	16.20	16.86	16.55	16.85	16.79	23.05	23.10
ISPP Rel 0	16.55	16.45	16.35	16.20	16.73	16.82	16.74	16.76	22.10	22.28
ISPP Rel 0	16.63	16.47	16.35	16.20	16.81	16.85	16.71	16.76	23.04	23.10
ISPP Rel 0	16.40	16.48	16.43	16.20	16.80	16.80	16.79	16.79	21.67	21.76
ISPP Rel 0	16.40	16.50	16.40	16.20	16.85	16.81	16.78	16.76	21.69	21.76
ISPP Rel 0	16.43	16.56	16.39	16.20	16.83	16.87	16.79	16.76	22.05	22.13
ISPP Rel 0	16.49	16.53	16.29	16.20	16.71	16.84	16.82	16.76	21.87	22.10
ISPP Rel 0	16.49	16.47	16.29	16.20	16.84	16.84	16.76	16.76	21.49	21.72
ISPP Rel 0	16.47	16.57	16.42	16.20	16.77	16.84	16.77	16.79	21.47	21.74
ISPP Rel 0	16.36	16.43	16.41	16.20	16.79	16.88	16.82	16.79	20.02	20.08
ISPP Rel 0	16.47	16.48	16.41	16.20	16.78	16.85	16.80	16.76	20.00	20.21
ISPP Rel 0	16.36	16.47	16.38	16.20	16.83	16.80	16.73	16.76	21.15	21.21
ISPP Rel 0	16.44	16.44	16.43	16.20	16.85	16.86	16.82	16.76	19.69	19.72
ISPP Rel 0	16.49	16.44	16.42	16.20	16.85	16.82	16.74	16.79	21.19	21.09
ISPP Rel 7	16.49	16.49	16.33	16.20	16.72	16.90	16.82	16.79	20.61	19.97

Band 4_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-on time (sec)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	17.20	17.32	17.45				
20	QPSK	1	49	16.58	16.72	16.83	17.5	0		
20	QPSK	1	99	16.53	16.70	16.86				
20	QPSK	50	3	16.55	16.72	16.85				
20	QPSK	50	24	16.55	16.58	16.54				
20	QPSK	100	0	16.67	16.89	16.98				
20	16QAM	1	0	16.61	16.86	16.92				
20	16QAM	1	49	16.54	16.86	16.94	17.5	0		
20	16QAM	1	99	16.54	16.86	16.94				
20	16QAM	50	0	16.57	16.88	16.92				
20	16QAM	50	24	16.54	16.87	16.93	17.5	0		
20	16QAM	100	0	16.56	16.86	16.96				
20	64QAM	1	0	16.64	16.73	16.86				
20	64QAM	1	49	16.59	16.89	16.98	17.5	0		
20	64QAM	1	99	16.58	16.87	16.97				
20	256QAM	50	0	16.53	16.70	16.87				
20	256QAM	50	24	16.68	16.85	16.93	17.5	0		
20	256QAM	100	0	16.59	16.87	16.95				
20	256QAM	100	0	16.56	16.80	16.93				
Channel										
Frequency (MHz)										
15	QPSK	1	0	17.17	17.32	17.47				
15	QPSK	1	37	16.54	16.61	16.67	17.5	0		
15	QPSK	1	74	16.52	16.59	16.60				
15	QPSK	50	0	16.55	16.57	16.47				
15	QPSK	50	20	16.49	16.64	16.53	17.5	0		
15	QPSK	100	0	16.53	16.62	16.48				
15	16QAM	1	0	16.51	16.62	16.56				
15	16QAM	1	37	16.39	16.61	16.49	17.5	0		
15	16QAM	1	74	16.40	16.56	16.54				
15	16QAM	50	0	16.45	16.48	16.57				
15	16QAM	50	20	16.40	16.53	16.44	17.5	0		
15	16QAM	100	0	16.45	16.54	16.54				
15	16QAM	75	0	16.40	16.50	16.59				
15	64QAM	1	0	16.41	16.54	16.49				
15	64QAM	1	37	16.50	16.52	16.46	17.5	0		
15	64QAM	1	74	16.40	16.51	16.49				
15	64QAM	50	0	16.47	16.58	16.50				
15	64QAM	50	20	16.43	16.48	16.56	17.5	0		
15	64QAM	100	0	16.43	16.57	16.55				
15	64QAM	75	0	16.47	16.48	16.52				
15	256QAM	1	0	16.44	16.59	16.59	17.5	0		
15	256QAM	1	37	16.45	16.48	16.55				
15	256QAM	1	74	16.51	16.63	16.54				
15	256QAM	50	0	16.44	16.61	16.62				
15	256QAM	50	20	16.43	16.48	16.59	17.5	0		
15	256QAM	100	0	16.47	16.48	16.57				
15	256QAM	75	0	16.46	16.48	16.56				
Channel										
Frequency (MHz)										
10	QPSK	1	0	16.51	16.62	16.49				
10	QPSK	1	25	16.33	16.65	16.37	17.5	0		
10	QPSK	1	50	16.32	16.64	16.35				
10	QPSK	25	0	16.33	16.62	16.37				
10	QPSK	25	12	16.33	16.62	16.48	17.5	0		
10	QPSK	25	25	16.47	16.50	16.49				
10	16QAM	1	0	16.28	16.60	16.36				
10	16QAM	1	12	16.42	16.57	16.43	17.5	0		
10	16QAM	1	25	16.33	16.51	16.34				
10	16QAM	1	49	16.31	16.51	16.38				
10	16QAM	25	0	16.50	16.61	16.34				
10	16QAM	25	12	16.41	16.63	16.54	17.5	0		
10	16QAM	25	25	16.39	16.55	16.45				
10	16QAM	50	0	16.36	16.62	16.27				
10	16QAM	50	1	16.34	16.63	16.30	17.5	0		
10	16QAM	1	0	16.34	16.63	16.30				
10	16QAM	1	49	16.43	16.46	16.46				
10	16QAM	1	12	16.47	16.54	16.36				
10	16QAM	25	0	16.36	16.53	16.39	17.5	0		
10	16QAM	25	12	16.35	16.53	16.40				
10	16QAM	25	25	16.52	16.57	16.31				
10	16QAM	50	0	16.45	16.52	16.46				
10	256QAM	1	0	16.31	16.49	16.34				
10	256QAM	1	25	16.46	16.52	16.32	17.5	0		
10	256QAM	1	49	16.45	16.55	16.37				
10	256QAM	50	0	16.34	16.46	16.36				
10	256QAM	50	12	16.40	16.54	16.48	17.5	0		
10	256QAM	100	0	16.35	16.51	16.40				
10	256QAM	100	0	16.28	16.70	16.37				
Channel										
Frequency (MHz)										
5	QPSK	1	0	16.46	16.64	16.57				
5	QPSK	1	12	16.30	16.52	16.31	17.5	0		
5	QPSK	1	24	16.43	16.47	16.30				
5	QPSK	12	0	16.41	16.54	16.44				
5	QPSK	12	7	16.43	16.56	16.48	17.5	0		
5	QPSK	12	14	16.37	16.54	16.40				
5	QPSK	25	0	16.45	16.57	16.38				
5	16QAM	1	0	16.42	16.50	16.40				
5	16QAM	1	12	16.35	16.60	16.36	17.5	0		
5	16QAM	1	24	16.43	16.55	16.46				
5	16QAM	12	0	16.42	16.57	16.46				
5	16QAM	12	7	16.32	16.58	16.36	17.5	0		
5	16QAM	12	14	16.42	16.50	16.41				
5	16QAM	25	0	16.40	16.58	16.32				
5	16QAM	25	7	16.43	16.50	16.36	17.5	0		
5	16QAM	1	0	16.43	16.50	16.36				
5	16QAM	1	12	16.31	16.52	16.28	17.5	0		
5	16QAM	1	24	16.48	16.58	16.32				
5	16QAM	12	0	16.37	16.57	16.50				
5	16QAM	12	7	16.42	16.57	16.41	17.5	0		
5	16QAM	12	14	16.39	16.48	16.42				
5	16QAM	25	0	16.49	16.48	16.45				
5	16QAM	25	7	16.45	16.52	16.34	17.5	0		
5	256QAM	1	0	16.39	16.54	16.50				
5	256QAM	1	12	16.42	16.55	16.43	17.5	0		
5	256QAM	1	24	16.47	16.56	16.49				
5	256QAM	12	0	16.50	16.44	16.43				
5	256QAM	12	7	16.50	16.44	16.43	17.5	0		
5	256QAM	12	14	16.35	16.53	16.42				
5	256QAM	25	0	16.36	16.55	16.48				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	16.63	16.66	16.65				
1.4	QPSK	1	3	16.55	16.46	16.55	17.5	0		
1.4	QPSK	1	6	16.55	16.58	16.58				
1.4	QPSK	3	0	16.56	16.59	16.55				
1.4	QPSK	3	3	16.52	16.57	16.52	17.5	0		
1.4	QPSK	3	6	16.44	16.57	16.43				
1.4	QPSK	8	0	16.37	16.59	16.57				
1.4	QPSK	8	3	16.44	16.54	16.50	17.5	0		
1.4	16QAM	1	0	16.48	16.52	16.62				
1.4	16QAM	1	3	16.42	16.48	16.48	17.5	0		
1.4	16QAM	1	6	16.33	16.64	16.43				
1.4	16QAM	3	0	16.47	16.57	16.60				
1.4	16QAM	3	3	16.44	16.57	16.49	17.5	0		
1.4	16QAM	8	0	16.44	16.57	16.46				
1.4	16QAM	8	3	16.51	16.64	16.49				
1.4	16QAM	15	0	16.51	16.59	16.51				
1.4	16QAM	15	3	16.37	16.56	16.41	17.5	0		
1.4	64QAM	1	0	16.37	16.63	16.46				
1.4	64QAM	1	3	16.45	16.55	16.48				
1.4	64QAM	3	0	16.43	16.62	16.61	17.5	0		
1.4	64QAM	3	3	16.52	16.47	16.49				
1.4	64QAM	8	0	16.52	16.47	16.49				
1.4	64QAM	8	3	16.37	16.44	16.54	17	0		

Band 7_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up Int (dB)	MPR (dB)		
Channel				20850	21050	21450				
Frequency (MHz)				2015	2035	2065				
20	QPSK	1	0	18.17	18.20	18.14	19	0		
20	QPSK	1	49	18.11	18.21	18.06				
20	QPSK	1	99	18.15	18.18	18.07				
20	QPSK	50	0	18.23	18.26	18.21				
20	QPSK	50	24	18.23	18.27	18.13				
20	QPSK	50	50	18.07	18.12	17.98				
20	QPSK	100	0	18.02	18.21	18.02				
10	16QAM	1	0	18.06	18.07	18.11				
10	16QAM	1	49	18.15	18.17	18.02				
10	16QAM	1	99	18.00	18.23	18.02				
10	16QAM	50	0	18.04	18.10	18.08				
10	16QAM	50	24	18.04	18.16	18.05				
10	16QAM	50	50	18.14	18.21	18.06				
10	16QAM	100	0	18.00	18.15	18.12				
10	84QAM	1	0	18.03	18.16	18.05				
10	84QAM	1	49	18.20	18.18	18.04				
10	84QAM	1	99	18.01	18.27	18.05				
10	84QAM	50	0	18.02	18.15	17.97				
10	84QAM	50	24	18.05	18.17	17.98				
10	84QAM	50	50	18.14	18.21	18.06				
10	84QAM	100	0	18.00	18.17	18.00				
10	256QAM	1	0	18.04	18.10	18.01				
10	256QAM	1	49	18.06	18.12	17.98				
10	256QAM	1	99	18.10	18.18	18.03				
10	256QAM	50	0	18.06	18.10	18.08				
10	256QAM	50	24	18.10	18.16	18.06				
10	256QAM	50	24	18.00	18.15	18.10				
10	256QAM	100	0	18.16	18.21	18.13				
Channel				20850	21050	21450	Turn-up Int (dB)	MPR (dB)		
Frequency (MHz)				2015	2035	2065				
15	QPSK	1	0	18.13	18.26	18.13	19	0		
15	QPSK	1	37	18.17	18.08	18.22				
15	QPSK	1	74	18.04	18.12	18.15				
15	QPSK	36	0	18.04	17.98	18.13				
15	QPSK	36	20	18.02	18.12	18.14				
15	QPSK	36	39	18.07	18.07	18.04				
15	QPSK	75	0	18.11	18.18	18.10				
15	16QAM	1	0	17.92	18.04	18.16				
15	16QAM	12	0	18.03	18.07	18.05				
15	16QAM	1	74	18.06	18.12	18.10				
15	16QAM	36	0	18.07	18.15	18.08				
15	16QAM	36	20	18.04	18.24	18.01				
15	16QAM	36	39	18.13	18.05	18.08				
15	16QAM	75	0	17.96	18.11	18.14				
15	84QAM	1	0	17.99	18.07	18.05				
15	84QAM	1	37	18.06	17.99	18.01				
15	84QAM	1	74	18.01	18.17	18.04				
15	84QAM	36	0	18.13	18.11	18.12				
15	84QAM	36	20	18.09	18.10	17.95				
15	84QAM	36	39	18.04	18.05	18.02				
15	84QAM	75	0	17.99	18.09	18.12				
15	256QAM	1	0	18.03	18.26	18.15				
15	256QAM	1	37	18.08	18.11	18.05				
15	256QAM	1	74	17.99	18.26	18.09				
15	256QAM	36	0	17.92	18.18	18.14				
15	256QAM	36	20	18.06	18.25	18.13				
15	256QAM	36	39	18.04	18.15	18.01				
15	256QAM	75	0	18.02	18.14	18.18				
Channel				20850	21050	21450	Turn-up Int (dB)	MPR (dB)		
Frequency (MHz)				2055	2035	2015				
10	QPSK	1	0	18.21	18.22	18.11				
10	QPSK	1	25	18.17	18.03	18.07				
10	QPSK	1	49	18.15	18.17	18.16				
10	QPSK	25	0	18.01	18.02	18.04				
10	QPSK	25	12	18.02	18.12	18.04				
10	QPSK	25	25	18.06	18.03	17.97				
10	16QAM	1	0	18.06	18.06	17.97				
10	16QAM	1	25	18.01	18.13	18.15				
10	16QAM	1	49	18.01	18.03	18.07				
10	16QAM	25	0	18.11	18.03	17.98				
10	16QAM	25	12	18.08	18.03	18.09				
10	16QAM	50	0	18.12	18.10	17.98				
10	84QAM	1	0	18.07	18.02	17.98				
10	84QAM	1	25	18.06	18.13	18.09				
10	84QAM	1	49	18.08	18.14	18.06				
10	84QAM	25	0	18.01	18.21	18.01				
10	84QAM	25	12	18.11	18.21	17.95				
10	84QAM	25	25	18.09	18.01	18.03				
10	84QAM	50	0	18.03	18.17	18.00				
10	256QAM	1	0	18.03	18.01	18.02				
10	256QAM	1	25	18.07	18.22	18.00				
10	256QAM	1	49	18.02	18.10	18.00				
10	256QAM	25	0	18.03	18.21	18.03				
10	256QAM	25	12	18.04	18.13	18.01				
10	256QAM	25	25	18.06	18.10	18.12				
10	256QAM	50	0	18.11	18.24	18.09				
Channel				20775 <th>20975</th> <th>21175</th> <th>Turn-up Int (dB)</th> <th>MPR (dB)</th> <th colspan="2"></th>	20975	21175	Turn-up Int (dB)	MPR (dB)		
Frequency (MHz)				20075 <th>20275</th> <th>20475</th> <th colspan="4"></th>	20275	20475				
5	QPSK	1	0	18.10	18.25	18.08				
5	QPSK	1	12	18.03	18.09	17.93				
5	QPSK	1	24	18.01	18.13	17.99				
5	QPSK	12	0	18.02	17.99	18.07				
5	QPSK	12	7	18.12	18.10	18.01				
5	QPSK	12	13	18.08	18.13	17.99				
5	QPSK	25	0	18.06	18.05	18.02				
5	QPSK	25	12	18.03	18.07	18.01				
5	QPSK	25	25	18.06	18.17	18.07				
5	16QAM	1	24	18.14	18.16	17.87				
5	16QAM	12	7	18.00	18.13	18.09				
5	16QAM	12	7	18.00	18.09	17.90				
5	16QAM	12	13	18.05	18.14	18.03				
5	16QAM	1	24	18.03	18.13	17.95				
5	16QAM	1	24	18.03	18.13	17.95				
5	16QAM	12	7	18.06	18.04	18.04				
5	16QAM	12	13	18.04	18.10	18.00				
5	16QAM	25	0	18.05	18.18	18.10				
5	16QAM	25	12	18.02	18.12	18.04				
5	16QAM	25	25	18.06	18.10	18.12				
5	256QAM	1	24	18.19	18.12	18.01				
5	256QAM	12	7	18.08	18.08	17.89				
5	256QAM	12	7	18.08	18.07	18.01				
5	256QAM	12	13	18.07	18.14	18.02				

Band 7_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq (MHz)	Power Middle Ch / Freq (MHz)	Power High Ch / Freq (MHz)	Turn-up Int (dB)	MPR (dB)		
Channel										
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	18.27	18.18	18.05	17.5	0		
20	QPSK	1	49	18.01	18.21	18.01				
20	QPSK	1	99	18.03	18.73	18.58				
20	QPSK	50	0	18.23	18.75	18.50				
20	QPSK	50	49	18.70	18.72	18.80	17.5	0		
20	QPSK	100	0	18.05	18.76	18.54				
10	16QAM	1	0	18.01	18.03	18.03				
10	16QAM	1	49	18.75	18.89	18.81	17.5	0		
10	16QAM	1	99	18.04	18.72	18.59				
10	16QAM	50	0	18.02	18.68	18.51				
10	16QAM	50	24	18.09	18.86	18.54	17.5	0		
10	16QAM	100	0	18.03	18.71	18.51				
10	84QAM	1	0	18.70	18.74	18.48				
10	84QAM	1	49	18.70	18.77	18.54				
10	84QAM	1	99	18.75	18.52	18.80	17.5	0		
10	84QAM	50	0	18.74	18.81	18.84				
10	84QAM	50	24	18.74	18.77	18.54				
10	84QAM	50	50	18.73	18.72	18.48	17.5	0		
10	84QAM	100	0	18.75	18.88	18.58				
10	256QAM	1	0	18.70	18.73	18.59				
10	256QAM	1	49	18.64	18.72	18.48	17.5	0		
10	256QAM	1	99	18.80	18.76	18.59				
10	256QAM	50	0	18.71	18.73	18.57				
10	256QAM	50	24	18.72	18.72	18.53	17.5	0		
10	256QAM	50	24	18.75	18.62	18.48			Turn-up Int (dB) MPR (dB)	
Channel										
Frequency (MHz)				20825	21100	21375	Turn-up Int (dB)	MPR (dB)		
15	QPSK	1	0	18.49	18.59	18.51				
15	QPSK	1	37	18.38	18.54	18.38	17.5	0		
15	QPSK	1	74	18.07	18.52	18.38				
15	QPSK	36	0	18.36	18.67	18.57				
15	QPSK	36	36	18.56	18.67	18.57	17.5	0		
15	QPSK	72	0	18.04	18.58	18.47				
15	QPSK	72	36	18.36	18.63	18.43				
15	QPSK	72	72	18.04	18.58	18.47	17.5	0		
15	16QAM	1	0	18.48	18.62	18.49				
15	16QAM	1	74	18.36	18.75	18.55	17.5	0		
15	16QAM	36	0	18.48	18.56	18.56				
15	16QAM	36	36	18.62	18.61	18.61	17.5	0		
15	16QAM	72	0	18.52	18.60	18.51				
15	16QAM	72	36	18.44	18.68	18.51	17.5	0		
15	84QAM	1	0	18.48	18.61	18.48				
15	84QAM	1	37	18.43	18.67	18.40	17.5	0		
15	84QAM	1	74	18.43	18.57	18.38				
15	84QAM	36	0	18.49	18.57	18.55				
15	84QAM	36	36	18.58	18.59	18.58	17.5	0		
15	84QAM	72	0	18.57	18.65	18.52				
15	84QAM	72	36	18.48	18.63	18.48	17.5	0		
15	256QAM	1	0	18.54	18.58	18.58				
15	256QAM	1	74	18.54	18.57	18.38	17.5	0		
15	256QAM	36	0	18.57	18.61	18.57				
15	256QAM	36	36	18.56	18.57	18.56	17.5	0		
15	256QAM	72	0	18.59	18.63	18.59				
15	256QAM	72	36	18.58	18.63	18.58	17.5	0		
15	256QAM	100	0	18.54	18.58	18.58				
Channel										
Frequency (MHz)				20880	21100	21400	Turn-up Int (dB)	MPR (dB)		
10	QPSK	1	0	18.63	18.53	18.59				
10	QPSK	1	25	18.60	18.53	18.56	17.5	0		
10	QPSK	1	49	18.36	18.66	18.52				
10	QPSK	25	0	18.61	18.53	18.56	17.5	0		
10	QPSK	25	12	18.67	18.62	18.62				
10	QPSK	25	25	18.43	18.64	18.41				
10	QPSK	50	0	18.43	18.64	18.41	17.5	0		
10	16QAM	1	0	18.43	18.61	18.48				
10	16QAM	1	25	18.47	18.54	18.37	17.5	0		
10	16QAM	1	49	18.38	18.58	18.38				
10	16QAM	25	0	18.43	18.58	18.38	17.5	0		
10	16QAM	25	12	18.45	18.58	18.38				
10	16QAM	25	25	18.41	18.58	18.37	17.5	0		
10	16QAM	50	0	18.43	18.58	18.37				
10	84QAM	1	0	18.43	18.58	18.37	17.5	0		
10	84QAM	1	49	18.42	18.63	18.59				
10	84QAM	1	99	18.43	18.58	18.37	17.5	0		
10	84QAM	25	0	18.43	18.58	18.37				
10	84QAM	25	12	18.44	18.59	18.42	17.5	0		
10	84QAM	25	25	18.45	18.73	18.45				
10	256QAM	1	0	18.45	18.60	18.53				
10	256QAM	1	25	18.52	18.66	18.48	17.5	0		
10	256QAM	1	49	18.43	18.62	18.48				
10	256QAM	25	0	18.43	18.62	18.48	17.5	0		
10	256QAM	25	12	18.47	18.60	18.43				
10	256QAM	25	25	18.41	18.62	18.49	17.5	0		
10	256QAM	50	0	18.43	18.54	18.48				
10	256QAM	50	12	18.52	18.60	18.52	17.5	0		
10	16QAM	1	24	18.56	18.64	18.41				
10	16QAM	1	48	18.48	18.63	18.41	17.5	0		
10	16QAM	12	7	18.63	18.59	18.43				
10	16QAM	12	7	18.63	18.59	18.43	17.5	0		
10	84QAM	1	0	18.52	18.63	18.41				
10	84QAM	1	12	18.57	18.60	18.42	17.5	0		
10	84QAM	12	13	18.53	18.57	18.41				
10	84QAM	24	0	18.56	18.67	18.47	17.5	0		
10	84QAM	24	12	18.56	18.67	18.47				
10	84QAM	25	0	18.56	18.62	18.34				
10	256QAM	1	12	18.58	18.68	18.48	17.5	0		
10	256QAM	1	12	18.58	18.68	18.48				
10	256QAM	12	7	18.65	18.70	18.44	17.5	0		
10	256QAM	12	7	18.69	18.63	18.50				
10	256QAM	12	13	18.67	18.68	18.50	17.5	0		

Band 12_Ant 1														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up Int. (dB)	MPR (dB)						
Channel														
Frequency (MHz)														
704 707.5 711														
10	QPSK	1	0	19.23	19.48	19.34	21	0						
10	QPSK	1	25	19.16	19.47	19.32								
10	QPSK	1	49	19.26	19.42	19.36	21	0						
10	QPSK	25	0	19.23	19.40	19.31								
10	QPSK	25	12	19.21	19.32	19.29	21	0						
10	QPSK	25	25	19.24	19.28	19.21								
10	QPSK	50	0	19.17	19.38	19.25	21	0						
10	16QAM	1	0	19.30	19.44	19.18								
10	16QAM	1	25	19.24	19.45	19.21	21	0						
10	16QAM	1	49	19.30	19.38	19.19								
10	16QAM	25	0	19.25	19.31	19.23	21	0						
10	16QAM	25	12	19.27	19.36	19.18								
10	16QAM	25	25	19.16	19.47	19.19	21	0						
10	16QAM	50	0	19.27	19.47	19.16								
10	84QAM	1	0	19.31	19.36	19.22	21	0						
10	84QAM	1	25	19.23	19.45	19.19								
10	84QAM	1	49	19.22	19.46	19.22	21	0						
10	84QAM	25	0	19.18	19.39	19.31								
10	84QAM	25	12	19.23	19.35	19.30	21	0						
10	84QAM	25	25	19.30	19.36	19.23								
10	84QAM	50	0	19.23	19.35	19.22	21	0						
10	256QAM	1	0	17.28	17.46	17.40								
10	256QAM	1	25	17.37	17.32	17.46	10	2						
10	256QAM	1	49	17.36	17.47	17.37								
10	256QAM	25	0	17.30	17.40	17.46	10	2						
10	256QAM	25	12	17.29	17.46	17.43								
10	256QAM	25	25	17.28	17.36	17.40	10	2						
10	256QAM	50	0	17.31	17.33	17.30								
Channel														
Frequency (MHz)														
23035 23065 23155														
5	QPSK	1	0	19.27	19.36	19.31	21	0						
5	QPSK	1	12	19.29	19.32	19.28								
5	QPSK	1	24	19.15	19.30	19.39	21	0						
5	QPSK	12	0	19.22	19.39	19.14								
5	QPSK	12	7	19.11	19.26	19.41	21	0						
5	QPSK	12	13	19.20	19.33	19.27								
5	QPSK	25	0	19.24	19.28	19.24	21	0						
5	16QAM	1	0	19.18	19.37	19.18								
5	16QAM	1	12	19.22	19.30	19.25	21	0						
5	16QAM	1	24	19.33	19.36	19.31								
5	16QAM	12	0	19.14	19.27	19.27	21	0						
5	16QAM	12	7	19.20	19.31	19.22								
5	16QAM	12	13	19.30	19.36	19.43	21	0						
5	16QAM	25	0	19.15	19.38	19.26								
5	84QAM	1	0	19.21	19.26	19.23	21	0						
5	84QAM	1	12	19.20	19.30	19.24								
5	84QAM	1	24	19.17	19.35	19.29	21	0						
5	84QAM	12	0	19.23	19.26	19.26								
5	84QAM	12	7	19.28	19.22	19.28	21	0						
5	84QAM	12	13	19.26	19.31	19.23								
5	84QAM	25	0	19.23	19.38	19.33	10	2						
5	256QAM	1	0	17.17	17.35	17.40								
5	256QAM	1	12	17.26	17.30	17.32	10	2						
5	256QAM	1	24	17.25	17.23	17.37								
5	256QAM	12	0	17.27	17.31	17.28	10	2						
5	256QAM	12	7	17.27	17.20	17.30								
5	256QAM	12	13	17.18	17.18	17.25	10	2						
5	256QAM	25	0	17.15	17.38	17.25								
Channel														
Frequency (MHz)														
23025 23065 23175														
3	QPSK	1	0	19.38	19.45	19.20	21	0						
3	QPSK	1	8	19.24	19.35	19.16								
3	QPSK	1	14	19.23	19.25	19.63	21	0						
3	QPSK	8	0	19.20	19.31	19.10								
3	QPSK	8	4	19.27	19.36	19.36	21	0						
3	QPSK	8	7	19.17	19.32	19.09								
3	QPSK	16	0	19.26	19.28	19.11	21	0						
3	16QAM	1	0	19.15	19.28	19.14								
3	16QAM	1	8	19.22	19.23	19.15	21	0						
3	16QAM	1	14	19.27	19.30	19.06								
3	16QAM	8	0	19.20	19.33	19.20	21	0						
3	16QAM	8	4	19.31	19.43	19.12								
3	16QAM	8	7	19.31	19.35	19.21	21	0						
3	16QAM	15	0	19.30	19.32	19.28								
3	84QAM	1	0	19.32	19.33	19.07	21	0						
3	84QAM	1	8	19.27	19.23	19.17								
3	84QAM	1	14	19.31	19.43	19.01	21	0						
3	84QAM	8	0	19.31	19.28	19.21								
3	84QAM	8	4	19.39	19.22	19.16	21	0						
3	84QAM	8	7	19.30	19.40	19.22								
3	84QAM	15	0	19.26	19.35	19.19	10	2						
3	256QAM	1	0	17.20	17.26	17.20								
3	256QAM	1	8	17.36	17.30	17.11	10	2						
3	256QAM	1	14	17.17	17.20	17.12								
3	256QAM	8	0	17.21	17.51	17.17	10	2						
3	256QAM	8	4	17.26	17.20	17.15								
3	256QAM	8	7	17.23	17.25	17.18	10	2						
3	256QAM	15	0	17.27	17.34	17.16								
Channel														
Frequency (MHz)														
23017 23065 23173														
1.4	QPSK	1	0	19.27	19.15	19.24	21	0						
1.4	QPSK	1	3	19.18	19.26	19.13								
1.4	QPSK	1	5	19.15	19.20	19.26	21	0						
1.4	QPSK	3	0	19.22	19.21	19.19								
1.4	QPSK	3	1	19.16	19.26	19.18	21	0						
1.4	QPSK	3	3	19.26	19.23	19.15								
1.4	QPSK	6	0	19.23	19.13	19.26	21	0						
1.4	16QAM	1	0	19.26	19.23	19.17								
1.4	16QAM	1	3	19.27	19.23	19.26	21	0						
1.4	16QAM	1	5	19.15	19.20	19.23								
1.4	16QAM	3	0	19.28	19.22	19.17	21	0						
1.4	16QAM	3	1	19.24	19.23	19.25								
1.4	16QAM	3	3	19.16	19.17	19.27	21	0						
1.4	16QAM	6	0	19.18	19.14	19.24								
1.4	84QAM	1	0	19.16	19.27	19.23	21	0						

Band 17_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-on time (ms)	MPR (dB)	
Channel				23760	23760	23860			
Frequency (MHz)				709	710	711			
5	QPSK	1	0	19.24	19.38	19.53	21	0	
5	QPSK	1	25	19.20	19.21	19.23			
5	QPSK	1	49	19.10	19.26	19.16			
5	QPSK	25	0	19.22	19.38	19.53			
5	QPSK	25	12	19.18	19.29	19.28			
5	QPSK	25	25	19.26	19.34	19.25	21	0	
5	QPSK	50	0	19.15	19.33	19.19			
5	16QAM	1	0	19.16	19.25	19.20			
5	16QAM	1	25	19.13	19.23	19.19			
5	16QAM	1	49	19.17	19.21	19.22			
5	16QAM	25	0	19.12	19.22	19.24	21	0	
5	16QAM	25	12	19.12	19.25	19.20			
5	16QAM	25	25	19.16	19.31	19.18			
5	16QAM	50	0	19.10	19.33	19.22			
5	16QAM	50	1	19.10	19.37	19.26			
5	64QAM	1	0	19.17	19.25	19.20	21	0	
5	64QAM	1	25	19.17	19.33	19.26			
5	64QAM	1	49	19.15	19.28	19.23			
5	64QAM	25	0	19.13	19.27	19.23			
5	64QAM	25	12	19.16	19.33	19.16			
5	64QAM	25	25	19.15	19.27	19.19	21	0	
5	64QAM	50	0	19.23	19.28	19.21			
5	64QAM	50	1	19.23	19.32	19.25			
5	256QAM	1	0	17.09	17.32	17.22			
5	256QAM	1	25	17.21	17.30	17.32			
5	256QAM	1	49	17.21	17.28	17.31	19	2	
5	256QAM	25	0	17.10	17.36	17.29			
5	256QAM	25	12	17.16	17.25	17.21			
5	256QAM	25	25	17.28	17.27	17.18			
5	256QAM	50	0	17.16	17.34	17.25			
Channel				23765	23760	23865			
Frequency (MHz)				709	710	711			
5	QPSK	1	0	19.27	19.39	19.54	21	0	
5	QPSK	1	12	19.09	19.21	19.18			
5	QPSK	1	24	19.10	19.32	19.13			
5	QPSK	12	0	19.24	19.23	19.21			
5	QPSK	12	7	19.04	19.23	19.20			
5	QPSK	12	12	19.05	19.22	19.19	21	0	
5	QPSK	25	0	19.11	19.30	19.13			
5	16QAM	1	0	19.19	19.22	19.18			
5	16QAM	1	12	19.16	19.19	19.19			
5	16QAM	1	24	19.12	19.11	19.10			
5	16QAM	12	0	19.14	19.36	19.14	21	0	
5	16QAM	12	6	19.16	19.18	19.18			
5	16QAM	12	13	19.16	19.19	19.18			
5	16QAM	25	0	19.10	19.33	19.16			
5	16QAM	25	6	19.21	19.24	19.14			
5	16QAM	1	12	19.09	19.15	19.13	19	0	
5	16QAM	1	24	19.15	19.19	19.19			
5	16QAM	12	0	19.16	19.11	19.10			
5	16QAM	12	7	19.13	19.27	19.21			
5	16QAM	12	13	19.15	19.19	19.19			
5	16QAM	25	0	19.15	19.07	19.03	21	0	
5	16QAM	25	6	19.16	19.23	19.17			
5	16QAM	25	12	19.16	19.23	19.17			
5	256QAM	1	12	17.05	17.20	17.22			
5	256QAM	1	24	17.10	17.16	17.08			
5	256QAM	12	0	17.09	17.24	17.16	19	2	
5	256QAM	12	7	17.08	17.21	17.17			
5	256QAM	12	13	17.03	17.16	17.05			
5	256QAM	25	0	17.14	17.41	17.14			
5	256QAM	25	6	17.14	17.41	17.14			

Band 25_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-on time (ms)	MPR (dB)	
Channel				26140	26340	26550			
Frequency (MHz)									
15	QPSK	1	0	16.67	16.70	16.68	19.5	0	
15	QPSK	1	49	16.66	16.72	16.64			
15	QPSK	1	99	16.66	16.71	16.43			
15	QPSK	50	0	16.60	16.70	16.67			
15	QPSK	50	24	16.62	16.62	16.59			
15	QPSK	50	50	16.55	16.68	16.61	19.5	0	
15	QPSK	100	0	16.57	16.68	16.51			
15	16QAM	1	0	16.63	16.63	16.46			
15	16QAM	1	49	16.66	16.69	16.66			
15	16QAM	1	99	16.62	16.70	16.47			
15	16QAM	25	0	16.60	16.68	16.68	19.5	0	
15	16QAM	25	12	16.66	16.66	16.66			
15	16QAM	50	24	16.62	16.61	16.63			
15	16QAM	50	50	16.56	16.64	16.43			
15	16QAM	100	0	16.59	16.69	16.56			
15	64QAM	1	0	16.66	16.69	16.61	19.5	0	
15	64QAM	1	49	16.67	16.64	16.61			
15	64QAM	1	99	16.55	16.65	16.53			
15	64QAM	50	0	16.63	16.69	16.49			
15	64QAM	50	24	16.54	16.68	16.52			
15	256QAM	1	0	16.52	16.75	16.60	19	0.5	
15	256QAM	1	49	16.04	16.16	16.17			
15	256QAM	1	99	16.04	16.20	16.02			
15	256QAM	25	0	16.04	16.17	16.03			
15	256QAM	25	12	16.04	16.16	16.04			
15	256QAM	25	24	16.04	16.16	16.04	19	0.5	
15	256QAM	50	0	16.04	16.23	16.02			
15	256QAM	50	24	16.04	16.16	16.04			
15	256QAM	100	0	16.11	16.11	16.05			
15	256QAM	100	0	16.11	16.11	16.05			
Channel				26115 <th>26340<th>26515<th></th><th></th><th></th></th></th>	26340 <th>26515<th></th><th></th><th></th></th>	26515 <th></th> <th></th> <th></th>			
Frequency (MHz)									
15	QPSK	1	0	16.67	16.68	16.65	19.5	0	
15	QPSK	1	47	16.66	16.63	16.52			
15	QPSK	1	94	16.37	16.57	16.40			
15	QPSK	36	0	16.45	16.47	16.45			
15	QPSK	36	20	16.43	16.63	16.39			
15	QPSK	36	50	16.43	16.63	16.39	19.5	0	
15	QPSK	72	0	16.47	16.51	16.50			
15	16QAM	1	0	16.38	16.63	16.45			
15	16QAM	1	47	16.68	16.67	16.43			
15	16QAM	1	94	16.46	16.71	16.44			
15	16QAM	36	0	16.38	16.51	16.46	19.5	0	
15	16QAM	36	20	16.43	16.68	16.43			
15	16QAM	36	50	16.43	16.66	16.45			
15	16QAM	72	0	16.51	16.53	16.45			
15	16QAM	1	97	16.39	16.62	16.56			
15	64QAM	1	0	16.66	16.69	16.61	19.5	0	
15	64QAM	1	44	16.66	16.68	16.68			
15	64QAM	1	94	16.43	16.54	16.57			
15	64QAM	36	0	16.47	16.63	16.53			
15	64QAM	36	20	16.46	16.60	16.46			
15	256QAM	1	0	16.52	16.75	16.60	19	0.5	
15	256QAM	1	94	16.35	16.57	16.42			
15	256QAM	1	14	16.35	16.57	16.42			
15	256QAM	36	0	16.35	16.57	16.42			
15	256QAM	36	20	16.35	16.57	16.42			
15	256QAM	72	0	16.53	16.56	16.51	19	0.5	
15	256QAM	1	94	16.35	16.57	16.42			
15	256QAM	1	14	16.35	16.57	16.42			
15	256QAM	36	0	16.35	16.57	16.42			
15	256QAM	36	20	16.35	16.57	16.42			
15	256QAM	72	0	16.53	16.51	16.49	19	0.5	
15	256QAM	1	94	16.35	16.57	16.42			
15	256QAM	1	14	16.35	16.57	16.42			
15	256QAM	36	0	16.35	16.57	16.42			
15	256QAM	36	20	16.35	16.57	16.42			

Band 25_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Turn-on time (ms)	MPR (dB)	
Channel									
				26140	26340	26550			
Frequency (MHz)									
20	QPSK	1	0	17.09	17.14	17.09	18.5	0	
20	QPSK	1	49	17.42	17.46	17.44			
20	QPSK	1	99	17.47	17.46	17.45			
20	QPSK	50	0	17.05	17.12	17.02			
20	QPSK	50	24	17.46	17.46	17.45			
20	QPSK	50	50	17.44	17.54	17.44	18.5	0	
20	QPSK	100	0	17.45	17.61	17.52			
20	16QAM	1	0	17.46	17.65	17.52			
20	16QAM	1	49	17.54	17.67	17.66			
20	16QAM	1	99	17.49	17.66	17.51			
20	16QAM	25	0	17.45	17.54	17.49	18.5	0	
20	16QAM	25	12	17.46	17.56	17.49			
20	16QAM	50	24	17.42	17.54	17.49			
20	16QAM	50	50	17.34	17.56	17.49			
20	16QAM	100	0	17.52	17.66	17.42			
20	64QAM	1	0	17.52	17.66	17.42	18.5	0	
20	64QAM	1	99	17.56	17.59	17.52			
20	64QAM	50	0	17.49	17.68	17.56			
20	64QAM	50	24	17.42	17.56	17.42			
20	64QAM	100	0	17.57	17.65	17.52			
20	256QAM	1	0	17.43	17.72	17.63	18.5	0	
20	256QAM	1	49	17.54	17.62	17.61			
Channel									
				26116	26340	26415			
Frequency (MHz)									
15	QPSK	1	0	17.03	17.11	17.09	18.5	0	
15	QPSK	1	37	17.30	17.39	17.48			
15	QPSK	74	0	17.47	17.69	17.48			
15	QPSK	74	37	17.38	17.52	17.47			
15	QPSK	36	20	17.38	17.53	17.55			
15	QPSK	36	56	17.48	17.63	17.65	18.5	0	
15	QPSK	78	0	17.33	17.67	17.59			
15	16QAM	1	0	17.56	17.62	17.55			
15	16QAM	1	37	17.58	17.69	17.67			
15	16QAM	1	74	17.42	17.58	17.64			
15	16QAM	36	0	17.40	17.52	17.47	18.5	0	
15	16QAM	36	18	17.44	17.49	17.47			
15	16QAM	78	39	17.41	17.63	17.63			
15	16QAM	78	76	17.45	17.63	17.63			
15	16QAM	36	59	17.41	17.63	17.63			
15	64QAM	1	0	17.46	17.64	17.62	18.5	0	
15	64QAM	1	37	17.50	17.63	17.55			
15	64QAM	74	0	17.53	17.53	17.49			
15	64QAM	74	37	17.39	17.54	17.62			
15	64QAM	36	20	17.46	17.64	17.64			
15	64QAM	36	56	17.39	17.43	17.49	18.5	0	
15	64QAM	78	0	17.46	17.62	17.45			
15	64QAM	78	39	17.48	17.58	17.58			
15	256QAM	1	37	17.42	17.57	17.57			
15	256QAM	1	74	17.45	17.56	17.45			
15	256QAM	74	0	17.54	17.54	17.48	18.5	0	
15	256QAM	74	37	17.42	17.54	17.42			
15	256QAM	36	20	17.38	17.70	17.49			
15	256QAM	36	59	17.33	17.54	17.51			
15	256QAM	78	39	17.50	17.42	17.42			

Band 26(FCC)_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Frac)	Power Med Ch (Frac)	Power High Ch (Frac)	Turn-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)	Channel	26765	26815	26865	26915	26965				
15 QPSK 1 0	22.28	22.28	22.28	22.28	22.28	22.28	24	0		
15 QPSK 1 37	22.77	22.77	22.82	22.83	22.83	22.83	24	0		
15 QPSK 1 74	22.77	22.77	22.82	22.82	22.82	22.82	24	0		
15 QPSK 36 0	21.90	21.90	21.92	21.92	21.92	21.92	23	1		
15 QPSK 36 37	21.96	21.96	21.81	21.81	21.81	21.81	23	1		
15 QPSK 75 0	21.68	21.68	21.68	21.68	21.68	21.68	23	1		
15 HQAM 1 0	22.05	22.05	22.23	22.23	22.23	22.23	23	1		
15 HQAM 1 37	22.02	22.02	22.19	22.19	22.19	22.19	23	1		
15 HQAM 1 74	22.16	22.16	22.16	22.16	22.16	22.16	23	1		
15 HQAM 36 0	20.97	20.97	20.98	20.98	20.98	20.98	22	2		
15 HQAM 36 37	20.99	20.99	20.91	20.91	20.91	20.91	22	2		
15 HQAM 75 0	20.80	20.80	20.84	20.84	20.84	20.84	22	2		
15 HQAM 75 37	20.95	20.95	21.11	21.11	21.11	21.11	22	2		
15 HQAM 1 74	21.03	21.13	20.90	20.90	20.90	20.90	21	3		
15 HQAM 36 0	19.96	19.96	19.92	19.92	19.92	19.92	21	3		
15 HQAM 36 37	19.98	19.98	19.84	19.84	19.84	19.84	21	3		
15 HQAM 75 0	19.93	19.93	19.98	19.98	19.98	19.98	19	5		
15 HQAM 75 37	19.87	19.87	19.87	19.87	19.87	19.87	19	5		
Channel										
Frequency (MHz)	Channel	26740	26790	26840	26890	26940	Turn-up (dB)	MPR (dB)		
15 QPSK 1 0	22.78	22.78	22.83	22.83	22.83	22.83	24	0		
15 QPSK 1 26	22.78	22.78	22.83	22.83	22.83	22.83	24	0		
15 QPSK 1 49	22.71	22.71	22.82	22.82	22.82	22.82	24	0		
15 QPSK 25 0	21.90	21.90	21.92	21.92	21.92	21.92	23	1		
15 QPSK 25 12	21.91	21.91	21.85	21.85	21.85	21.85	23	1		
15 QPSK 36 0	21.80	21.80	21.84	21.84	21.84	21.84	23	1		
15 HQAM 1 0	21.84	22.08	21.88	21.88	21.88	21.88	23	1		
15 HQAM 1 37	21.80	22.08	21.88	21.88	21.88	21.88	23	1		
15 HQAM 1 49	22.07	21.95	21.90	21.90	21.90	21.90	23	1		
15 HQAM 25 0	20.82	20.91	20.79	20.79	20.79	20.79	22	2		
15 HQAM 25 12	20.83	20.92	20.80	20.80	20.80	20.80	22	2		
15 HQAM 25 26	20.84	20.76	20.78	20.78	20.78	20.78	22	2		
15 HQAM 50 0	20.84	20.76	20.78	20.78	20.78	20.78	22	2		
15 HQAM 50 12	20.81	21.02	20.79	20.79	20.79	20.79	22	2		
15 HQAM 1 25	20.80	21.09	20.77	20.77	20.77	20.77	22	2		
15 HQAM 1 49	20.82	20.95	20.78	20.78	20.78	20.78	21	3		
15 HQAM 25 12	19.84	19.91	19.80	19.80	19.80	19.80	21	3		
15 HQAM 25 26	19.85	19.87	19.85	19.85	19.85	19.85	21	3		
15 HQAM 50 0	19.82	19.85	19.82	19.82	19.82	19.82	19	5		
15 25QAM 1 0	17.77	17.86	17.74	17.74	17.74	17.74	19	5		
15 25QAM 12 0	17.84	17.74	17.76	17.76	17.76	17.76	19	5		
15 25QAM 25 0	17.87	17.83	17.86	17.86	17.86	17.86	19	5		
15 25QAM 50 0	17.72	17.81	17.75	17.75	17.75	17.75	19	5		
Channel										
Frequency (MHz)	Channel	816.5	831.5	846.5	861.5	876.5	Turn-up (dB)	MPR (dB)		
5 QPSK 1 0	22.80	22.80	22.82	22.78	22.78	22.78	24	0		
5 QPSK 1 37	22.81	22.81	22.81	22.81	22.81	22.81	24	0		
5 QPSK 1 24	22.79	22.77	22.77	22.84	22.84	22.84	24	0		
5 QPSK 12 0	21.95	21.89	21.87	21.84	21.84	21.84	23	1		
5 QPSK 12 37	21.91	21.77	21.77	21.77	21.77	21.77	23	1		
5 QPSK 12 13	21.94	21.78	21.78	21.73	21.73	21.73	23	1		
5 HQAM 75 0	21.89	21.88	21.88	21.82	21.82	21.82	23	1		
5 HQAM 1 0	22.82	22.12	21.80	21.80	21.80	21.80	23	1		
5 HQAM 1 12	21.89	22.15	22.05	22.05	22.05	22.05	23	1		
5 HQAM 12 0	20.90	20.94	20.78	20.78	20.78	20.78	22	2		
5 HQAM 12 7	20.89	20.86	20.89	20.89	20.89	20.89	22	2		
5 HQAM 12 13	20.83	20.87	20.83	20.83	20.83	20.83	22	2		
5 HQAM 25 0	20.82	20.77	20.80	20.80	20.80	20.80	22	2		
5 HQAM 1 0	20.89	21.05	20.78	20.78	20.78	20.78	22	2		
5 HQAM 12 0	20.84	21.03	21.11	21.11	21.11	21.11	22	2		
5 HQAM 1 24	21.00	21.12	20.75	20.75	20.75	20.75	22	2		
5 HQAM 12 0	19.93	19.99	19.88	19.88	19.88	19.88	21	3		
5 HQAM 12 7	19.92	19.87	19.85	19.85	19.85	19.85	21	3		
5 HQAM 12 13	19.89	19.83	19.78	19.78	19.78	19.78	21	3		
5 HQAM 25 0	19.87	19.87	19.79	19.79	19.79	19.79	19	5		
5 25QAM 1 0	17.79	17.81	17.86	17.86	17.86	17.86	19	5		
5 25QAM 1 12	17.80	17.81	17.86	17.86	17.86	17.86	19	5		
5 25QAM 12 0	17.84	17.71	17.75	17.75	17.75	17.75	19	5		
5 25QAM 12 7	17.86	17.83	17.86	17.86	17.86	17.86	19	5		
5 25QAM 12 13	17.81	17.82	17.81	17.81	17.81	17.81	19	5		
5 25QAM 25 0	17.87	17.73	17.86	17.86	17.86	17.86	19	5		
Channel										
Frequency (MHz)	Channel	26765	26865	26965	27065	27165	Turn-up (dB)	MPR (dB)		
3 QPSK 1 0	22.79	22.79	22.80	22.78	22.78	22.78	24	0		
3 QPSK 1 8	22.67	22.74	22.74	22.73	22.73	22.73	24	0		
3 QPSK 1 37	22.71	22.77	22.77	22.84	22.84	22.84	24	0		
3 QPSK 8 0	21.91	21.82	21.81	21.85	21.85	21.85	23	1		
3 QPSK 8 4	21.91	21.82	21.82	21.85	21.85	21.85	23	1		
3 HQAM 1 0	21.93	21.75	21.75	21.80	21.80	21.80	23	1		
3 HQAM 15 0	21.88	21.94	21.85	21.86	21.86	21.86	23	1		
3 HQAM 1 21	20.86	20.92	20.86	20.86	20.86	20.86	22	2		
3 HQAM 1 24	22.03	22.09	21.97	21.97	21.97	21.97	22	2		
3 HQAM 1 37	20.89	20.91	20.86	20.86	20.86	20.86	22	2		
3 HQAM 8 4	20.87	20.79	20.79	20.82	20.82	20.82	21	3		
3 HQAM 8 7	20.87	20.78	20.78	20.81	20.81	20.81	21	3		
3 HQAM 15 0	20.89	20.85	20.87	20.87	20.87	20.87	21	3		
3 HQAM 1 0	20.94	21.06	21.07	21.07	21.07	21.07	22	2		
3 HQAM 1 8	20.86	21.07	21.04	21.04	21.04	21.04	22	2		
3 HQAM 1 14	20.92	21.04	20.79	20.79	20.79	20.79	21	3		
3 HQAM 8 0	19.89	19.96	19.86	19.86	19.86	19.86	19	5		
3 HQAM 8 4	19.84	19.84	19.84	19.84	19.84	19.84	21	3		
3 HQAM 8 7	19.89	19.78	19.83	19.83	19.83	19.83	19	5		
3 HQAM 15 0	19.81	19.74	19.74	19.74	19.74	19.74	19	5		
3 25QAM 1 0	17.87	17.82	17.87	17.87	17.87	17.87	19	5		
3 25QAM 1 14	17.85	17.74	17.87	17.87	17.87	17.87	19	5		
3 25QAM 8 0	17.84	17.76	17.85	17.85	17.85	17.85	19	5		
3 25QAM 8 4	17.87	17.79	17.88	17.88	17.88	17.88	19	5		
3 25QAM 8 7	17.83	17.76	17.80	17.80	17.80	17.80	19	5		
3 25QAM 15 0	17.82	17.83	17.81	17.81	17.81	17.81	19	5		

Band 26(FCC)_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Frac)	Power Med Ch (Frac)	Power High Ch (Frac)	Turn-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)		26766	26815	26865						
15 QPSK 1 0	19.89	19.77	19.95	21	0					
15 QPSK 1 37	19.88	19.82	19.85	21	0					
15 QPSK 1 74	19.99	19.95	19.99	21	0					
15 QPSK 36 0	19.85	19.70	19.95	21	0					
15 QPSK 36 37	19.83	19.83	19.83	21	0					
15 QPSK 75 0	19.80	19.84	19.87	21	0					
15 HQAM 1 0	19.84	19.89	19.89	21	0					
15 HQAM 1 37	19.81	19.83	19.89	21	0					
15 HQAM 1 74	19.89	19.95	19.95	21	0					
15 HQAM 36 0	19.95	19.95	19.95	21	0					
15 HQAM 36 37	19.92	19.99	19.90	21	0					
15 HQAM 75 0	19.80	19.81	19.87	21	0					
15 HQAM 1 24	19.85	19.75	19.87	21	0					
15 HQAM 36 0	19.83	19.70	19.93	21	0					
15 HQAM 36 37	19.82	19.85	19.88	21	0					
15 HQAM 75 0	19.95	19.98	19.94	19	2					
15 25QAM 1 37	17.84	17.88	17.82	19	2					
15 25QAM 1 74	17.81	17.85	17.88	19	2					
15 25QAM 36 0	17.82	17.78	17.84	19	2					
15 25QAM 36 37	17.87	17.80	17.81	19	2					
15 25QAM 75 0	17.87	17.85	17.88	19	2					
Channel										
Frequency (MHz)		26740	26815	26865	26960	Turn-up (dB)	MPR (dB)			
10 QPSK 1 0	19.94	19.83	19.81	21	0					
10 QPSK 1 26	19.84	19.81	19.83	21	0					
10 QPSK 1 49	19.84	19.85	19.86	21	0					
10 QPSK 25 0	19.82	19.87	19.85	21	0					
10 QPSK 25 12	19.84	19.87	19.86	21	0					
10 QPSK 36 0	19.82	19.89	19.83	21	0					
10 QPSK 50 0	19.87	19.81	19.83	21	0					
10 HQAM 1 0	19.83	19.85	19.83	21	0					
10 HQAM 1 37	19.82	19.80	19.82	21	0					
10 HQAM 1 49	19.85	19.80	19.87	21	0					
10 HQAM 25 0	19.83	19.83	19.81	21	0					
10 HQAM 25 12	19.84	19.87	19.86	21	0					
10 HQAM 36 0	19.82	19.89	19.83	21	0					
10 HQAM 50 0	19.82	19.84	19.88	21	0					
10 25QAM 1 0	17.78	17.84	17.78	19	2					
10 25QAM 1 37	17.81	17.85	17.88	19	2					
10 25QAM 1 49	17.82	17.78	17.84	19	2					
10 25QAM 25 0	17.85	17.83	17.84	19	2					
10 25QAM 25 12	17.86	17.84	17.85	19	2					
10 25QAM 36 0	17.87	17.85	17.84	19	2					
10 25QAM 50 0	17.87	17.85	17.84	19	2					
Channel										
Frequency (MHz)		26715	26865	27015	Turn-up (dB)	MPR (dB)				
8 QPSK 1 0	19.85	19.83	19.85	21	0					
8 QPSK 1 6	19.86	19.87	19.88	21	0					
8 QPSK 1 12	19.87	19.88	19.89	21	0					
8 QPSK 1 24	19.89	19.87	19.85	21	0					
8 QPSK 12 0	19.82	19.87	19.88	21	0					
8 QPSK 12 6	19.82	19.88	19.89	21	0					
8 QPSK 12 13	19.86	19.85	19.88	21	0					
8 QPSK 25 0	19.87	19.88	19.89	21	0					
8 HQAM 1 0	19.82	19.83	19.86	21	0					
8 HQAM 1 12	19.83	19.82	19.84	21	0					
8 HQAM 1 24	19.85	19.85	19.86	21	0					
8 HQAM 12 7	19.49	19.44	19.54	21	0					
8 HQAM 13 0	19.49	19.48	19.49	21	0					
8 HQAM 1 6	19.49	19.52	19.50	21	0					
8 HQAM 12 0	19.43	19.43	19.43	21	0					
8 HQAM 1 24	19.52	19.55	19.48	21	0					
8 HQAM 12 6	19.58	19.55	19.46	21	0					
8 HQAM 12 13	19.47	19.48	19.49	21	0					
8 HQAM 25 0	19.58	19.54	19.59	21	0					
8 HQAM 36 0	19.43	19.48	19.47	21	0					
8 HQAM 1 12	17.55	17.50	17.59	19	2					
8 HQAM 12 6	17.50	17.51	17.52	19	2					
8 HQAM 12 7	17.58	17.56	17.67	19	2					
8 HQAM 13 0	17.58	17.57	17.58	19	2					
8 HQAM 25 0	17.55	17.53	17.52	19	2					
Channel										
Frequency (MHz)		26705	26865	27025	Turn-up (dB)	MPR (dB)				
3 QPSK 1 0	19.85	19.83	19.85	21	0					
3 QPSK 1 8	19.80	19.87	19.95	21	0					
3 QPSK 1 14	19.80	19.88	19.93	21	0					
3 QPSK 1 19	19.87	19.86	19.83	21	0					
3 QPSK 8 4	19.46	19.50	19.43	21	0					
3 QPSK 15 0	19.50	19.53	19.51	21	0					
3 HQAM 1 0	19.84	19.49	19.41	21	0					
3 HQAM 1 8	19.85	19.48	19.41	21	0					
3 HQAM 1 14	19.82	19.48	19.48	21	0					
3 HQAM 1 18	19.52	19.45	19.48	21	0					
3 HQAM 8 6	19.51	19.46	19.38	21	0					
3 HQAM 15 0	19.50	19.45	19.48	21	0					
3 HQAM 1 8	19.37	19.32	19.31	21	0					
3 HQAM 1 14	19.43	19.33	19.30	21	0					
3 HQAM 1 19	19.43	19.31	19.32	21	0					
3 HQAM 8 4	19.47	19.52	19.51	21	0					
3 HQAM 15 0	19.36	19.69	19.69	21	0					
3 HQAM 1 6	17.43	17.48	17.54	19	2					
3 HQAM 1 1	17.48	17.55	17.48	19	2					
3 HQAM 1 14	17.48	17.57	17.45	19	2					
3 HQAM 8 6	17.42	17.59	17.47	19	2					
3 HQAM 8 7	17.42	17.48	17.42	19	2					
3 HQAM 8 8	17.58	17.51	17.49	19	2					
3 HQAM 15 0	17.41	17.60	17.47	19	2					
Channel										
Frequency (MHz)		814.7	831.5	848.3	Turn-up (dB)	MPR (dB)				
1.4 QPSK 1 0	19.50	19.52	19.47	19	2					
1.4 QPSK 1 1	19.51	19.55	19.50	19	2					
1.4 QPSK 1 2	19.52	19.56	19.49	19	2					
1.4 QPSK 3 0	19.52	19.53	19.54	19	2					
1.4 QPSK 3 1	19.51	19.51	19.51	19	2					
1.4 QPSK 3 2	19.51	19.51	19.51	19	2					
1.4 QPSK 6 0	19.51	19.44	19.45	19	2					
1.4 HQAM 1 0	19.53	19.53	19.51	19	2					
1.4 HQAM 1 1	19.45	19.52	19.54	19	2					
1.4 HQAM 1 2	19.54	19.56	19.47	19	2					
1.4 HQAM 3 0	19.53	19.53	19.53	19	2					
1.4 HQAM 3 1	19.44	19.53	19.51	19	2					
1.4 HQAM 3 2	19.53	19.46	19.52	19	2					
1.4 HQAM 6 0	19.50	19.50	19.49	19	2					
1.4 HQAM 6 1	19.46	19.51	19.50	19	2					
1.4 HQAM 6 2	19.51	19.50	19.47	19	2					
1.4 HQAM 8 0	19.52	19.45	19.45	19	2					
1.4 HQAM 8 1	17.52	17.52	17.48	19	2					
1.4 HQAM 8 2	17.45	17.52	17.48	19	2					
1.4 HQAM 3 1	17.54	17.53	17.48	19	2					
1.4 HQAM 3 2	17.52	17.52	17.47	19	2					

Band 66_Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low CH/Freq	Power Mids CH/Freq	Power High CH/Freq	Turn-on time (sec)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	21.15	21.25	21.25	22	0	
20	QPSK	1	49	21.04	21.21	21.21			
20	QPSK	1	99	21.04	21.24	21.24			
20	QPSK	50	0	21.05	21.15	21.15			
20	QPSK	50	24	20.99	21.05	21.05	22	0	
20	QPSK	50	50	20.99	21.04	21.05			
20	QPSK	100	0	21.02	21.12	21.15			
20	16QAM	1	0	21.05	21.14	21.15			
20	16QAM	1	49	21.03	21.13	21.20	22	0	
20	16QAM	1	99	21.05	21.25	21.69			
20	16QAM	50	0	20.99	20.97	20.99			
20	16QAM	50	24	20.95	20.74	20.81	22	0	
20	16QAM	50	50	20.95	20.71	20.71			
20	16QAM	100	0	20.97	20.95	20.95			
20	16QAM	1	0	20.96	20.65	20.50			
20	16QAM	1	49	20.97	20.52	20.29	22	0	
20	16QAM	1	99	20.93	20.95	20.93			
20	16QAM	50	0	19.86	19.64	19.69			
20	16QAM	50	24	19.80	19.71	19.83			
20	16QAM	50	50	19.59	19.89	19.80	21	1	
20	16QAM	100	0	19.55	19.67	19.55			
20	25QAM	1	0	17.65	17.67	17.70			
20	25QAM	1	49	17.59	17.73	17.63	19	3	
20	25QAM	1	99	17.56	17.70	17.64			
20	25QAM	50	0	17.59	17.71	17.61			
20	25QAM	50	24	17.56	17.70	17.69	19	3	
20	25QAM	50	50	17.59	17.70	17.69			
20	25QAM	100	0	17.64	17.73	17.70			
Channel									
Frequency (MHz)									
15	QPSK	1	0	21.25	21.12	21.25	22	0	
15	QPSK	1	37	21.13	21.16	21.07	22	0	
15	QPSK	1	74	21.09	21.11	21.10			
15	QPSK	36	0	21.02	21.02	20.99			
15	QPSK	36	20	20.93	20.96	21.09	22	0	
15	QPSK	36	50	20.93	21.09	21.14			
15	QPSK	75	0	20.93	21.09	21.14			
15	16QAM	1	0	20.95	21.08	21.08			
15	16QAM	1	37	21.13	21.04	20.93	22	0	
15	16QAM	1	74	21.02	20.97	20.98			
15	16QAM	36	0	20.95	20.68	20.68			
15	16QAM	36	20	20.68	20.53	20.69	22	0	
15	16QAM	36	39	20.54	20.53	20.64			
15	16QAM	75	0	20.65	20.64	20.57			
15	16QAM	1	0	20.69	20.49	20.57			
15	16QAM	1	37	20.52	20.60	20.51	22	0	
15	16QAM	1	74	20.61	20.59	20.59			
15	16QAM	36	0	19.50	19.50	19.48			
15	16QAM	36	20	19.53	19.72	19.55	21	1	
15	16QAM	36	39	19.53	19.55	19.55			
15	16QAM	75	0	19.47	19.35	19.51			
15	25QAM	1	0	17.44	17.66	17.64	19	3	
15	25QAM	1	37	17.65	17.53	17.65			
15	25QAM	1	74	17.48	17.51	17.58			
15	25QAM	36	0	17.70	17.51	17.62	19	3	
15	25QAM	36	20	17.59	17.49	17.59			
15	25QAM	36	39	17.62	17.58	17.46			
15	25QAM	75	0	17.64	17.63	17.54			
Channel									
Frequency (MHz)									
10	QPSK	1	0	21.15	21.45	21.75	22	0	
10	QPSK	1	20	21.11	21.34	21.12			
10	QPSK	1	49	21.01	21.13	21.08			
10	QPSK	25	0	20.87	21.18	21.00			
10	QPSK	25	12	21.00	21.09	21.00	22	0	
10	QPSK	25	25	21.11	21.00	20.94			
10	QPSK	50	0	20.84	21.19	21.05			
10	16QAM	1	0	21.13	21.03	20.95			
10	16QAM	1	25	21.03	20.95	20.91	22	0	
10	16QAM	25	0	20.97	20.97	20.97			
10	16QAM	25	12	20.94	20.98	20.42	22	0	
10	16QAM	25	12	20.46	20.69	20.38			
10	16QAM	25	25	20.47	20.54	20.49			
10	16QAM	50	0	20.63	20.66	20.49			
10	16QAM	1	0	20.66	20.61	20.49	22	0	
10	16QAM	1	25	20.69	20.53	20.36			
10	16QAM	1	49	20.56	20.61	20.51			
10	16QAM	25	0	19.51	19.59	19.34			
10	16QAM	25	12	19.59	19.47	19.52	21	1	
10	16QAM	25	25	19.49	19.59	19.55			
10	16QAM	50	0	19.47	19.59	19.47			
10	25QAM	1	0	17.47	17.72	17.48			
10	25QAM	1	25	17.62	17.56	17.53	19	3	
10	25QAM	1	49	17.65	17.67	17.65			
10	25QAM	25	0	17.58	17.64	17.39			
10	25QAM	25	12	17.66	17.57	17.48	19	3	
10	25QAM	25	25	17.44	17.62	17.44			
10	25QAM	50	0	17.64	17.68	17.49			
Channel									
Frequency (MHz)									
5	QPSK	1	0	21.16	21.25	21.14	22	0	
5	QPSK	1	12	21.11	21.17	20.93			
5	QPSK	1	24	20.98	20.98	20.98			
5	QPSK	12	0	20.97	21.03	20.89			
5	QPSK	12	7	20.90	21.03	20.51	22	0	
5	QPSK	12	13	20.82	21.11	20.92			
5	QPSK	25	0	20.94	20.98	21.06			
5	16QAM	1	0	21.10	21.09	21.07	22	0	
5	16QAM	1	12	21.08	21.15	20.92			
5	16QAM	1	24	20.97	21.17	21.10			
5	16QAM	12	0	20.94	20.94	20.94	22	0	
5	16QAM	12	7	20.97	20.90	20.59			
5	16QAM	12	13	20.93	20.99	20.52			
5	16QAM	25	0	20.63	20.60	20.54			
5	16QAM	1	0	20.46	20.56	20.69	22	0	
5	16QAM	1	12	20.44	20.59	20.54			
5	16QAM	1	24	20.53	20.58	20.52			
5	16QAM	12	0	19.51	19.67	19.42			
5	16QAM	12	7	19.51	19.56	19.40	21	1	
5	16QAM	12	13	19.53	19.60	19.47			
5	16QAM	25	0	19.60	19.71	19.48			
5	25QAM	1	0	17.59	17.65	17.48			
5	25QAM	1	12	17.46	17.55	17.44	19	3	
5	25QAM	1	24	17.65	17.60	17.55			
5	25QAM	12	0	17.53	17.64	17.53			
5	25QAM	12	7	17.45	17.64	17.54	19	3	
5	25QAM	12	13	17.51	17.59	17.60			
5	25QAM	25	0	17.58	17.58	17.45			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	20.97	21.02	21.09	22	0	
1.4	QPSK	1	3	21.09	21.09	20.97			
1.4	QPSK	1	6	20.95	21.05	21.09			
1.4	QPSK	3	0	21.08	21.05	21.07			
1.4	QPSK	3	6	20.96	21.06	21.09			
1.4	QPSK	3	9	21.07	20.97	21.02	22	0	
1.4	QPSK	6	0	21.09	21.08	21.05			
1.4	16QAM	1	0	21.03	21.05	21.05			
1.4	16QAM	1	3	21.05	21.01	21.02	22	0	
1.4	16QAM	1	5	21.02	21.02	21.05			
1.4	16QAM	3	0	20.97	21.02	21.05			
1.4	16QAM	3	1	20.95	21.05	20.96			
1.4	16QAM	3	3	21.03	20.99	20.99	22	0	
1.4	16QAM	6	0	20.98	20.97	20.96			
1.4	16QAM	1	0	20.91	20.47	20.57			
1.4	16QAM	1	3	20.49	20.45	20.52	22	0	
1.4	16QAM	3	0	20.49	20.56	20.59			
1.4	16QAM	3	3	20.55	20.59	20.54			
1.4	16QAM	6	0	19.54	19.58	19.45	21	1	
1.4	25QAM	1	0	17.67	17.52	17.61			
1.4	25QAM	1	3	17.55	17.51	17.65			
1.4	25QAM	1	5	17.57	17.55	17.65			
1.4	25QAM	3	0	17.51	17.51	17.57	19	3	
1.4	25QAM	3	1	17.51	17.51	17.53			
1.4	25QAM	3	3	17.48	17.52	17.54			
1.4	25QAM	6	0	17.48	17.54	17.48	19	3	

Band 71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low CH/Freq	Power Mids CH/Freq	Power High CH/Freq	Turn-on time (s)	MPE (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	13922	13927	13932			
20	QPSK	1	49	860.5	860.5	860.5			
20	QPSK	1	99	22.80	23.00	23.00	24	0	
20	QPSK	1	149	22.81	22.99	22.99			
20	QPSK	100	0	13922	13927	13932			
20	QPSK	60	24	21.80	21.89	21.92	23	1	
20	QPSK	50	50	21.81	21.90	21.90			
20	QPSK	100	0	21.81	21.90	21.90			
20	16QAM	1	0	21.81	21.90	21.90			
20	16QAM	1	49	21.80	22.00	22.00			
20	16QAM	1	99	21.80	21.99	21.99			
20	16QAM	1	149	21.81	21.90	21.90			
20	16QAM	50	0	20.94	20.97	20.99			
20	16QAM	50	50	20.95	20.98	20.99	22		
20	16QAM	100	0	20.92	20.90	20.99			
20	16QAM	100	50	20.93	20.97	20.99			
20	16QAM	1	49	20.91	20.95	20.95	22		
20	16QAM	1	99	20.92	20.98	20.98			
20	16QAM	1	149	20.93	20.97	20.97			
20	16QAM	50	24	19.90	19.97	19.97	21	3	
20	16QAM	50	50	19.83	19.91	19.98			
20	16QAM	100	0	19.84	19.90	19.96			
20	16QAM	100	50	19.86	19.90	19.96	19	5	
20	16QAM	1	0	17.91	17.96	17.97			
20	16QAM	1	49	17.94	17.96	17.96			
20	16QAM	1	99	17.93	17.98	17.95			
20	16QAM	1	149	17.94	17.96	17.96			
20	16QAM	50	0	17.91	17.97	17.97	19	5	
20	16QAM	100	0	17.92	17.98	17.98			
20	16QAM	100	50	17.93	17.97	17.97			
Channel									
Frequency (MHz)									
15	QPSK	1	0	870.5	860.5	860.5			
15	QPSK	1	31	22.87	22.92	22.95	24	0	
15	QPSK	1	62	22.86	22.98	22.93			
15	QPSK	1	93	22.82	22.98	22.93			
15	QPSK	36	0	21.72	21.80	21.80	23	1	
15	QPSK	36	36	21.73	21.79	21.79			
15	QPSK	36	72	21.76	21.84	21.82			
15	QPSK	75	0	21.73	21.84	21.71	23	1	
15	QPSK	75	36	21.73	21.83	21.83			
15	16QAM	1	31	21.79	21.80	21.79	23	1	
15	16QAM	1	74	21.72	21.73	21.74			
15	16QAM	1	115	21.74	21.78	21.74			
15	16QAM	36	0	20.69	20.69	20.69	22	2	
15	16QAM	36	36	20.70	20.84	20.85			
15	16QAM	36	72	20.71	20.84	20.84			
15	16QAM	1	0	20.73	20.80	20.74			
15	16QAM	1	36	20.68	20.64	20.79	22	2	
15	16QAM	1	72	20.74	20.78	20.78			
15	16QAM	36	0	19.62	19.61	19.77			
15	16QAM	36	36	19.63	19.64	19.77	21	3	
15	16QAM	36	72	19.64	19.68	19.77			
15	16QAM	75	0	19.64	19.68	19.67			
15	16QAM	75	36	19.65	19.68	19.67			
15	16QAM	1	37	17.77	17.83	17.76	19	5	
15	16QAM	1	74	17.88	17.75	17.74			
15	16QAM	1	115	17.89	17.83	17.83			
15	16QAM	36	0	17.79	17.79	17.80	19	5	
15	16QAM	36	36	17.79	17.86	17.80			
15	16QAM	36	72	17.78	17.84	17.84			
Channel									
Frequency (MHz)									
10	QPSK	1	0	13972	13972	13962			
10	QPSK	1	49	860.5	860.5	860.5			
10	QPSK	1	99	22.85	22.80	22.79	24	0	
10	QPSK	1	149	22.75	22.88	22.75			
10	QPSK	25	12	21.73	21.94	21.81	23	1	
10	QPSK	25	36	21.60	21.86	21.87			
10	QPSK	25	62	21.61	21.84	21.87			
10	QPSK	25	88	21.72	21.84	21.81			
10	16QAM	1	0	21.72	21.82	21.87			
10	16QAM	1	49	21.72	21.81	21.86	21	3	
10	16QAM	25	0	20.81	20.84	20.83			
10	16QAM	25	36	20.82	20.85	20.85	22	2	
10	16QAM	25	62	20.83	20.80	20.82			
10	16QAM	50	0	20.79	20.73	20.88			
10	16QAM	50	25	20.74	20.78	20.85	22	2	
10	16QAM	1	25	20.80	20.80	20.84			
10	16QAM	1	49	20.85	20.80	20.82	22	2	
10	16QAM	25	0	19.85	19.81	19.85			
10	16QAM	25	12	19.82	19.80	19.78	21	3	
10	16QAM	25	36	19.71	19.86	19.82			
10	16QAM	25	62	19.78	19.81	19.80			
10	16QAM	1	0	17.74	17.80	17.84			
10	16QAM	1	49	17.76	17.77	17.77			
10	16QAM	1	99	17.75	17.77	17.77			
10	16QAM	25	0	17.62	17.91	17.64			
10	16QAM	25	12	17.63	17.87	17.63	19	5	
10	16QAM	25	36	17.64	17.91	17.65			
10	16QAM	50	0	17.61	17.77	17.66			
Channel									
Frequency (MHz)									
5	QPSK	1	0	866.5	860.5	865.5			
5	QPSK	1	0	22.84	22.92	22.94	24	0	
5	QPSK	1	12	22.81	22.95	22.94			
5	QPSK	1	24	22.80	22.98	22.93			
5	QPSK	12	0	21.78	22.01	21.96	23	1	
5	QPSK	12	13	21.77	22.01	21.87			
5	QPSK	12	25	21.77	21.94	21.87			
5	QPSK	25	0	21.73	21.83	21.84	23	1	
5	QPSK	25	13	21.72	21.81	21.81			
5	16QAM	1	12	21.71	21.94	21.79	23	1	
5	16QAM	1	24	21.64	21.79	21.81			
5	16QAM	12	0	20.79	20.79	20.93	22	2	
5	16QAM	12	13	20.81	20.92	20.93			
5	16QAM	25	0	20.78	20.84	20.92			
5	16QAM	1	0	20.70	20.92	20.93	22	2	
5	16QAM	1	12	20.71	20.92	20.93			
5	16QAM	1	24	20.68	20.79	20.91			
5	16QAM	12	0	19.85	19.88	19.75			
5	16QAM	12	13	19.89	19.88	19.89	21	3	
5	16QAM	12	25	19.80	19.78	19.91			
5	16QAM	25	0	17.82	17.82	17.82			
5	16QAM	1	12	17.78	17.80	17.82	19	5	
5	16QAM	1	24	17.84	17.81	17.82			
5	16QAM	12	0	17.78	17.82	17.84			
5	16QAM	12	13	17.75	17.84	17.82			
5	16QAM	12	25	17.76	17.84	17.83			
5	16QAM	25	0	17.68	17.81	17.65	19	5	

Band 38_Ant 2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPE (dB)					
Channel													
Frequency (MHz)				37850	38000	38150							
20	QPSK	1	0	26.90	26.96	26.95			21	0			
20	QPSK	1	49	19.99	20.12	19.94							
20	QPSK	1	99	19.93	20.09	19.94							
20	QPSK	50	0	20.00	20.07	20.03			21	0			
20	QPSK	50	49	20.00	20.08	19.95							
20	QPSK	100	0	20.05	20.12	19.92							
20	16QAM	1	0	19.97	20.01	19.97			21	0			
20	16QAM	1	49	20.06	20.09	19.98							
20	16QAM	50	0	19.97	19.96	19.91							
20	16QAM	50	49	20.00	20.05	19.95			21	0			
20	16QAM	100	0	20.07	20.08	19.95							
20	16QAM	100	49	20.05	20.11	19.93							
20	16QAM	1	49	20.01	20.11	19.93			21	0			
20	16QAM	1	99	20.03	20.05	19.98							
20	16QAM	50	0	19.98	20.05	19.97							
20	16QAM	50	49	20.05	20.04	19.93			19	2			
20	16QAM	50	99	19.97	20.03	19.98							
20	256QAM	1	0	17.94	18.07	17.93							
20	256QAM	1	49	18.04	18.03	17.95			19	2			
20	256QAM	1	99	18.04	18.07	17.95							
20	256QAM	50	0	18.04	18.11	17.95							
20	256QAM	50	49	18.05	18.09	17.95			19	2			
20	256QAM	50	99	17.98	18.01	17.95							
20	256QAM	100	0	18.05	17.99	17.92							
Channel				37850	38000	38150	Turn-up time (min)	MPE (dB)					
Frequency (MHz)				26.75	26.96	26.95							
15	QPSK	1	0	20.00	20.02	19.93			21	0			
15	QPSK	1	37	20.01	20.00	19.78							
15	QPSK	1	74	19.99	20.01	19.76							
15	QPSK	36	0	19.80	19.95	19.84			21	0			
15	QPSK	36	36	19.97	19.98	19.89							
15	QPSK	75	0	19.93	20.00	19.89							
15	16QAM	1	0	19.93	19.91	19.74			21	0			
15	16QAM	1	37	19.99	19.92	19.80							
15	16QAM	1	74	19.93	20.07	19.79							
15	16QAM	36	0	19.84	19.94	19.84			21	0			
15	16QAM	36	36	19.93	19.95	19.86							
15	16QAM	75	0	19.94	19.96	19.87							
15	16QAM	1	0	19.89	20.00	19.86			21	0			
15	16QAM	1	37	19.90	19.93	19.79							
15	16QAM	36	0	19.76	19.94	19.84							
15	16QAM	36	36	19.85	19.90	19.82			21	0			
15	16QAM	36	74	19.93	19.92	19.80							
15	16QAM	75	0	19.92	19.89	19.81							
15	16QAM	1	0	17.92	18.00	17.88			19	2			
15	16QAM	1	37	17.93	17.92	17.81							
15	256QAM	1	74	17.93	17.90	17.71							
15	256QAM	36	0	17.93	17.86	17.84			19	2			
15	256QAM	36	36	17.90	17.97	17.85							
15	256QAM	75	0	17.88	17.85	17.74							
15	256QAM	75	0	17.89	18.00	17.84			19	2			
15	256QAM	100	0	17.84	18.01	17.89							
15	256QAM	100	49	18.05	17.99	17.92							
Channel													
Frequency (MHz)													
5	QPSK	1	0	19.92	19.98	19.94			21	0			
5	QPSK	1	12	18.85	19.05	19.83							
5	QPSK	1	24	18.83	18.95	19.76			21	0			
5	QPSK	12	0	19.88	19.98	19.74							
5	QPSK	12	7	19.90	20.04	19.74			21	0			
5	QPSK	25	0	19.84	19.92	19.78							
5	16QAM	1	0	19.88	20.10	19.72			21	0			
5	16QAM	1	12	19.90	19.89	19.76							
5	16QAM	1	24	19.85	19.90	19.89			21	0			
5	16QAM	12	0	19.87	19.92	19.80							
5	16QAM	12	7	19.79	19.92	19.89			21	0			
5	16QAM	12	13	19.89	19.92	19.84							
5	16QAM	25	0	19.76	19.90	19.76			21	0			
5	16QAM	25	0	19.83	19.97	19.83							
5	16QAM	1	12	19.85	19.90	19.89			21	0			
5	16QAM	12	0	19.80	19.96	19.89							
5	16QAM	12	7	19.82	19.86	19.82			21	0			
5	16QAM	12	13	19.83	19.89	19.79							
5	16QAM	25	0	19.84	19.98	19.88			21	0			
5	16QAM	25	0	19.85	19.88	19.82							
5	256QAM	1	0	17.83	17.87	17.89			19	2			
5	256QAM	1	12	17.83	17.83	17.73							
5	256QAM	1	24	17.84	17.89	17.85			19	2			
5	256QAM	12	7	17.73	17.80	17.70							
5	256QAM	12	13	17.80	18.01	17.81			19	2			
5	256QAM	25	0	17.82	18.00	17.87							
5	256QAM	25	0	17.83	18.00	17.87							

Band 38_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turnup time (min)	MPE (dB)		
Channel										
Frequency (MHz)				37650	38000	38150				
				2650	2650	26150				
20	QPSK	1	0	19.04	19.10	18.99			20	0
20	QPSK	1	89	18.89	19.02	18.84			20	0
20	QPSK	50	0	19.03	19.03	18.97			20	0
20	QPSK	50	24	18.88	19.02	18.83			20	0
20	QPSK	50	50	19.02	19.04	18.83			20	0
20	QPSK	50	76	18.89	19.02	18.77			20	0
20	HQAM	1	0	19.02	19.11	18.89			20	0
20	HQAM	1	49	18.94	19.04	18.87			20	0
20	HQAM	1	89	18.88	19.03	18.84			20	0
20	HQAM	50	0	19.02	19.04	18.89			20	0
20	HQAM	50	24	18.88	19.02	18.83			20	0
20	HQAM	50	50	19.02	19.12	18.89			20	0
20	HQAM	50	76	18.92	19.11	18.89			20	0
20	HQAM	1	49	19.01	19.09	18.89			20	0
20	HQAM	1	89	19.03	19.06	18.91			20	0
20	HQAM	50	24	18.97	19.07	18.89			20	0
20	HQAM	50	24	18.88	19.02	18.87			20	0
20	HQAM	50	50	19.00	19.09	18.84			20	0
20	HQAM	50	76	18.97	19.07	18.81			20	0
20	SSBDM	1	49	17.88	18.13	17.84			19	1
20	SSBDM	1	89	17.97	18.01	17.85			19	1
20	SSBDM	50	0	17.87	18.01	17.81			19	1
20	SSBDM	50	24	17.88	18.03	17.84			19	1
20	SSBDM	50	24	17.94	18.03	17.88			19	1
20	SSBDM	50	50	17.85	18.03	17.84			19	1
20	SSBDM	50	76	17.94	18.03	17.88			19	1
Channel										
Frequency (MHz)				26175 <th>26590<th>261250</th><th></th><th></th><th></th></th>	26590 <th>261250</th> <th></th> <th></th> <th></th>	261250				
15	QPSK	1	0	19.00	19.09	18.99			20	0
15	QPSK	1	27	19.02	19.01	18.89			20	0
15	QPSK	1	27	19.02	18.88	18.82			20	0
15	QPSK	36	0	18.98	19.02	18.89			20	0
15	QPSK	36	0	18.93	19.02	18.89			20	0
15	QPSK	36	0	18.89	19.02	18.89			20	0
15	QPSK	78	0	18.90	19.02	18.77			20	0
15	HQAM	1	0	19.00	19.09	18.99			20	0
15	HQAM	1	27	19.02	18.93	18.89			20	0
15	HQAM	1	74	18.83	18.88	18.88			20	0
15	HQAM	36	0	18.93	19.02	18.89			20	0
15	HQAM	36	0	18.88	19.01	18.78			20	0
15	HQAM	36	0	19.01	19.00	18.79			20	0
15	HQAM	36	0	18.94	19.04	18.81			20	0
15	HQAM	1	0	19.03	19.03	18.79			20	0
15	HQAM	1	27	19.04	19.01	18.89			20	0
15	HQAM	1	27	19.02	18.93	18.89			20	0
15	HQAM	36	0	18.89	19.03	18.79			20	0
15	HQAM	36	0	18.82	19.00	18.87			20	0
15	HQAM	36	0	18.92	18.85	18.87			20	0
15	HQAM	78	0	18.83	19.03	18.71			20	0
15	SSBDM	1	27	18.94	18.94	17.86			20	0
15	SSBDM	1	27	17.96	17.85	17.87			20	0
15	SSBDM	1	74	17.93	18.07	17.84			20	0
15	SSBDM	36	0	18.90	19.00	18.89			20	0
15	SSBDM	36	0	19.01	17.88	17.88			19	1
15	SSBDM	36	36	17.83	17.94	17.83			19	1
15	SSBDM	36	36	18.05	17.87	17.81			19	1
Channel										
Frequency (MHz)				37600	38000	38000				
				2675	2659	2615				
10	QPSK	1	0	19.02	19.02	18.99			20	0
10	QPSK	1	26	19.00	19.05	19.00			20	0
10	QPSK	1	49	18.95	19.10	18.95			20	0
10	QPSK	1	49	18.93	19.03	18.93			20	0
10	QPSK	12	0	19.07	18.88	18.93			20	0
10	QPSK	25	26	19.00	18.89	19.03			20	0
10	QPSK	25	26	19.04	18.90	18.93			20	0
10	HQAM	1	0	19.07	18.84	18.93			20	0
10	HQAM	1	26	18.87	18.94	18.92			20	0
10	HQAM	1	49	19.04	19.04	18.89			20	0
10	HQAM	1	26	19.03	19.02	18.99			20	0
10	HQAM	25	26	18.92	18.99	19.02			20	0
10	HQAM	25	26	19.05	18.90	18.93			20	0
10	HQAM	50	0	19.02	19.00	18.97			20	0
10	HQAM	50	0	19.00	18.90	18.93			20	0
10	HQAM	1	26	19.03	18.89	18.93			20	0
10	HQAM	1	49	18.78	19.05	18.93			20	0
10	HQAM	1	26	19.01	19.01	18.93			20	0
10	HQAM	25	26	19.09	19.08	19.03			20	0
10	HQAM	25	26	19.04	18.91	18.93			20	0
10	HQAM	1	0	17.83	17.89	18.01			20	0
10	SSBDM	1	26	18.01	18.00	17.80			19	1
10	SSBDM	1	26	17.86	17.86	17.86			19	1
10	SSBDM	25	26	17.99	17.89	17.89			19	1
10	SSBDM	25	26	17.90	17.87	17.87			19	1
10	SSBDM	1	0	17.88	17.95	17.88			19	1
Channel										
Frequency (MHz)				26725 <th>26595<th>261250</th><th></th><th></th><th></th></th>	26595 <th>261250</th> <th></th> <th></th> <th></th>	261250				
5	QPSK	1	0	19.08	19.12	19.02			20	0
5	QPSK	1	12	18.84	18.85	18.82			20	0
5	QPSK	12	0	18.84	18.86	18.86			20	0
5	QPSK	12	0	18.88	19.01	18.92			20	0
5	QPSK	12	0	18.90	19.10	19.00			20	0
5	QPSK	26	0	19.02	18.86	18.97			20	0
5	QPSK	26	0	19.00	18.89	18.93			20	0
5	QPSK	1	12	18.86	18.87	18.86			20	0
5	HQAM	1	24	18.90	19.03	18.91			20	0
5	HQAM	12	0	18.87	18.87	18.86			20	0
5	HQAM	12	0	19.07	18.86	18.90			20	0
5	HQAM	1	0	19.05	18.84	18.93			20	0
5	HQAM	1	12	18.87	18.88	18.90			20	0
5	HQAM	1	12	18.87	18.88	18.90			20	0
5	HQAM	12	12	18.83	18.96	18.92			20	0
5	HQAM	12	0	19.05	18.84	18.93			20	0
5	HQAM	1	12	18.87	18.88	18.90			20	0
5	HQAM	12	12	18.83	18.96	18.92			20	0
5	HQAM	1	0	19.05	18.88	18.92			20	0
5	SSBDM	1	12	17.87	17.88	17.89			19	1
5	SSBDM	1	24	17.87	18.05	17.80			19	1
5	SSBDM	12	0	17.88	17.88	17.88			19	1
5	SSBDM	12	0	17.84	17.87	17.84			19	1
5	SSBDM	12	0	17.88	18.03	17.82			19	1
5	SSBDM	12	0	17.88	17.88	17.88			19	1

Band 41_Ant 2_PC2													
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Mid Ch (Freq)	Power High Ch (Freq)	Power Low Ch (Freq)	Power Low Ch (Freq)	Turn-on time (ms)	MPE (dB)		
Channel													
Frequency (MHz)				2505	2549.5	2593	2636.5	2680					
20	QPSK	1	0	21.02	21.02	21.72	21.02	21.03					
20	QPSK	1	49	21.01	21.99	21.71	21.01	21.99					
20	QPSK	1	99	21.38	21.62	21.62	21.60	21.45					
20	QPSK	50	0	21.50	21.50	21.65	21.51	21.45					
20	QPSK	50	49	21.49	21.51	21.65	21.51	21.49					
20	QPSK	50	99	21.40	21.50	21.60	21.54	21.26					
20	QPSK	100	0	21.45	21.50	21.62	21.58	21.36					
20	QPSK	100	49	21.43	21.52	21.62	21.58	21.36					
20	QPSK	100	99	21.41	21.52	21.65	21.45	21.39					
20	QPSK	50	0	21.43	21.50	21.59	21.49	21.48					
20	QPSK	50	24	21.42	21.53	21.70	21.52	21.49					
20	QPSK	50	24	21.46	21.55	21.66	21.53	21.39					
20	QPSK	100	0	21.43	21.50	21.65	21.49	21.37					
20	QPSK	100	0	21.45	21.47	21.60	21.50	21.40					
20	QPSK	100	0	21.50	21.52	21.62	21.56	21.46					
20	QPSK	100	49	21.48	21.51	21.59	21.51	21.47					
20	QPSK	100	49	21.48	21.48	21.63	21.55	21.42					
20	QPSK	100	99	21.43	21.46	21.58	21.50	21.36					
20	QPSK	50	24	21.46	21.51	21.64	21.46	21.47					
20	QPSK	100	0	21.43	21.57	21.63	21.54	21.38					
20	QPSK	100	0	21.05	21.10	21.11	21.08	21.05					
20	QPSK	100	49	21.06	21.08	21.08	21.09	21.09					
20	QPSK	100	99	20.91	21.00	21.00	21.06	21.07					
20	QPSK	50	24	20.96	20.98	21.10	21.06	20.95					
20	QPSK	50	24	20.92	21.05	21.11	20.99	20.83					
20	QPSK	50	99	20.97	21.01	21.10	21.06	20.95					
20	QPSK	100	0	20.92	21.05	21.07	20.97	20.85					
Channel													
Frequency (MHz)				39725	40173	40620	41068	41515					
15	QPSK	1	0	21.62	21.71	21.93	21.66	21.64					
15	QPSK	1	37	21.48	21.64	21.45	21.53	21.41					
15	QPSK	1	74	21.50	21.60	21.30	21.46	21.46					
15	QPSK	36	0	21.50	21.53	21.39	21.54	21.48					
15	QPSK	36	20	21.48	21.53	21.40	21.52	21.44					
15	QPSK	36	20	21.48	21.47	21.49	21.56	21.50					
15	QPSK	75	0	21.41	21.50	21.50	21.55	21.49					
15	QPSK	75	0	21.46	21.70	21.45	21.55	21.53					
15	QPSK	1	0	21.52	21.62	21.62	21.60	21.45					
15	QPSK	1	74	21.50	21.47	21.51	21.68	21.53					
15	QPSK	36	0	21.57	21.46	21.41	21.55	21.44					
15	QPSK	36	20	21.48	21.48	21.53	21.49	21.48					
15	QPSK	36	39	21.45	21.57	21.59	21.49	21.55					
15	QPSK	75	0	21.52	21.62	21.34	21.51	21.50					
15	QPSK	75	0	21.48	21.70	21.48	21.62	21.48					
15	QPSK	1	37	21.43	21.48	21.41	21.60	21.51					
15	QPSK	1	37	21.48	21.51	21.45	21.60	21.50					
15	QPSK	36	0	21.58	21.58	21.38	21.45	21.52					
15	QPSK	36	39	21.51	21.48	21.44	21.55	21.49					
15	QPSK	36	39	21.50	21.55	21.55	21.54	21.44					
15	QPSK	75	0	21.57	21.56	21.34	21.50	21.47					
15	QPSK	1	0	20.95	21.19	20.92	20.99	21.02					
15	QPSK	1	0	20.95	21.15	20.92	20.99	21.07					
15	QPSK	1	74	21.07	21.14	20.90	21.08	20.98					
15	QPSK	36	0	21.02	21.07	21.05	21.09	21.04					
15	QPSK	36	20	21.15	21.02	21.07	21.16	20.99					
15	QPSK	36	39	21.14	21.11	21.06	20.99	20.92					
15	QPSK	75	0	21.02	20.99	20.98	21.01	20.93					
Channel													
Frequency (MHz)				2501	2547	2593	2639	2685					
10	QPSK	1	0	21.07	21.58	21.49	21.61	21.59					
10	QPSK	1	24	21.37	21.54	21.54	21.58	21.41					
10	QPSK	1	49	21.38	21.57	21.37	21.55	21.45					
10	QPSK	25	0	21.36	21.49	21.36	21.54	21.44					
10	QPSK	25	0	21.45	21.50	21.36	21.48	21.41					
10	QPSK	25	24	21.43	21.52	21.48	21.44	21.41					
10	QPSK	50	0	21.43	21.45	21.43	21.54	21.40					
10	QPSK	50	24	21.46	21.66	21.35	21.54	21.44					
10	QPSK	1	25	21.44	21.60	21.34	21.51	21.48					
10	QPSK	1	25	21.48	21.58	21.49	21.53	21.52					
10	QPSK	25	0	21.43	21.47	21.38	21.63	21.50					
10	QPSK	25	24	21.38	21.58	21.42	21.52	21.48					
10	QPSK	50	0	21.45	21.54	21.39	21.66	21.31					
10	QPSK	1	0	21.40	21.61	21.25	21.59	21.33					
10	QPSK	1	25	21.40	21.66	21.40	21.45	21.48					
10	QPSK	1	49	21.40	21.64	21.49	21.63	21.43					
10	QPSK	25	0	21.52	21.49	21.43	21.62	21.39					
10	QPSK	25	24	21.39	21.57	21.44	21.44	21.51					
10	QPSK	50	0	21.50	21.53	21.51	21.48	21.45					
10	QPSK	50	24	21.43	21.64	21.32	21.57	21.47					
10	QPSK	12	0	21.50	21.52	21.42	21.66	21.46					
10	QPSK	12	7	21.54	21.55	21.44	21.55	21.54					
10	QPSK	12	13	21.63	21.51	21.41	21.63	21.54					
10	QPSK	25	0	21.60	21.50	21.40	21.41	21.52					
10	QPSK	1	0	21.66	21.46	21.41	21.52	21.36					
10	QPSK	1	12	21.42	21.63	21.52	21.57	21.48					
10	QPSK	1	24	21.65	21.53	21.48	21.53	21.47					
10	QPSK	12	0	21.44	21.50	21.45	21.61	21.46					
10	QPSK	12	7	21.50	21.58	21.40	21.42	21.48					
10	QPSK	12	13	21.56	21.53	21.40	21.48	21.42					
10	QPSK	25	0	21.51	21.69	21.47	21.46	21.56					
10	QPSK	1	0	21.04	20.94	20.83	21.14	21.03					
10	QPSK	1	12	21.04	20.95	20.84	21.07	20.97					
10	QPSK	12	0	21.05	20.97	20.96	21.08	21.03					
10	QPSK	12	7	21.10	21.08	20.85	21.04	21.06					
10	QPSK	12	13	21.00	20.93	20.89	21.04	21.00					
10	QPSK	25	0	21.02	21.10	21.03	21.05	20.92					
10	QPSK	25	0	20.92	21.02	20.88	21.02	20.98					

Band 41_Ant 8_PC3													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Low Ch (Freq)	Power Mid Ch (Freq)	Power High Ch (Freq)	Power Low Ch (Freq)	Power Low Ch (Freq)	Turn-on time (ms)	MPE (dB)		
Channel													
	Frequency (MHz)			39760	40165	40620	41065	41565	41665				
20	QPSK	1	0	19.06	19.07	19.08	19.03	19.04	19.00	19.00	0	0	
20	QPSK	1	49	18.96	19.07	19.09	18.97	18.92	18.90	19.00	20	0	
20	QPSK	1	99	19.01	19.01	19.09	19.04	19.04	19.00	19.00	20	0	
20	QPSK	50	0	19.06	19.09	19.07	19.03	19.03	19.00	19.00	20	0	
20	QPSK	50	24	19.13	19.06	19.11	19.01	19.01	19.00	19.00	20	0	
20	QPSK	50	50	18.95	19.06	19.03	19.07	19.10	19.00	19.00	20	0	
20	QPSK	100	0	19.03	19.05	19.10	19.08	19.00	19.00	19.00	20	0	
20	QPSK	100	49	19.14	19.01	19.12	19.05	19.01	19.00	19.00	20	0	
20	QPSK	100	99	19.12	19.02	19.15	19.08	19.00	19.00	19.00	20	0	
20	QPSK	50	0	19.13	19.06	19.07	19.01	19.01	19.00	19.00	20	0	
20	QPSK	50	24	19.12	19.06	19.14	19.04	19.04	19.00	19.00	20	0	
20	QPSK	50	50	18.95	19.05	19.01	19.07	19.10	19.00	19.00	20	0	
20	QPSK	100	0	19.03	19.01	19.04	19.04	19.04	19.00	19.00	20	0	
20	QPSK	100	49	19.05	19.05	19.10	19.03	19.00	19.00	19.00	20	0	
20	QPSK	100	99	19.02	19.00	19.12	19.05	19.00	19.00	19.00	20	0	
20	QPSK	50	0	19.03	19.06	19.06	19.03	19.03	19.00	19.00	20	0	
20	QPSK	50	24	19.08	19.07	19.17	19.03	19.03	19.00	19.00	20	0	
20	QPSK	50	50	19.07	19.08	19.05	19.08	19.08	19.04	19.04	20	0	
20	QPSK	100	0	19.06	19.05	19.14	19.07	19.07	19.00	19.00	20	0	
20	25GQAM	1	0	19.10	19.07	19.09	19.06	19.06	19.00	19.00	19	1	
20	25GQAM	1	49	18.98	19.05	19.04	18.97	18.94	18.90	19.00	19	1	
20	25GQAM	1	99	19.00	19.00	19.08	19.04	19.04	19.00	19.00	19	1	
20	25GQAM	50	0	19.07	19.03	19.08	19.07	19.07	19.00	19.00	19	1	
20	25GQAM	50	24	19.14	19.03	19.14	19.07	19.07	19.00	19.00	19	1	
20	25GQAM	50	50	19.07	19.03	19.08	19.07	19.07	19.00	19.00	19	1	
20	25GQAM	100	0	19.03	19.01	19.07	19.07	19.07	19.00	19.00	19	1	
20	25GQAM	100	49	19.02	19.00	19.09	19.04	19.04	19.00	19.00	19	1	
20	25GQAM	100	99	19.01	19.01	19.07	19.07	19.07	19.00	19.00	19	1	
Channel													
	Frequency (MHz)			40170	40575	41030	41475	41930	42030	Turn-on time (ms)	MPE (dB)		
15	QPSK	1	0	19.06	19.07	19.08	19.03	19.04	19.00	19.00	0	0	
15	QPSK	1	31	18.92	19.02	19.04	19.00	19.00	19.00	19.00	20	0	
15	QPSK	1	62	18.94	19.08	19.02	19.07	19.10	19.00	19.00	20	0	
15	QPSK	36	0	19.02	19.03	19.09	19.07	19.07	19.00	19.00	20	0	
15	QPSK	36	31	18.79	19.03	19.06	19.00	19.00	19.00	19.00	20	0	
15	QPSK	36	62	19.04	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	0	19.01	19.00	19.01	19.01	19.01	19.00	19.00	20	0	
15	QPSK	72	31	19.02	19.03	19.02	19.03	19.03	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.03	19.02	19.09	19.08	19.08	19.00	19.00	20	0	
15	QPSK	108	31	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	62	19.07	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	36	0	19.06	19.02	19.08	19.06	19.06	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.04	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.05	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	31	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	108	0	19.06	19.05	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	31	19.06	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	62	19.05	19.08	19.06	19.05	19.05	19.00	19.00	20	0	
15	QPSK	36	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.06	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.04	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	0	19.01	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	31	19.02	19.02	19.07	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.03	19.02	19.09	19.08	19.08	19.00	19.00	20	0	
15	QPSK	108	31	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	62	19.07	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	36	0	19.06	19.02	19.08	19.06	19.06	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.04	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.05	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	31	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.06	19.05	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	31	19.06	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	62	19.05	19.08	19.06	19.05	19.05	19.00	19.00	20	0	
15	QPSK	36	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.06	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.04	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	0	19.01	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	31	19.02	19.02	19.07	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.03	19.02	19.09	19.08	19.08	19.00	19.00	20	0	
15	QPSK	108	31	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	62	19.07	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	36	0	19.06	19.02	19.08	19.06	19.06	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.06	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.05	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	31	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.06	19.05	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	31	19.06	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	108	62	19.05	19.08	19.06	19.05	19.05	19.00	19.00	20	0	
15	QPSK	36	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.06	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.04	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	0	19.01	19.03	19.07	19.04	19.04	19.00	19.00	20	0	
15	QPSK	72	31	19.02	19.02	19.07	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	0	19.03	19.02	19.09	19.08	19.08	19.00	19.00	20	0	
15	QPSK	108	31	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	
15	QPSK	108	62	19.07	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	36	0	19.06	19.02	19.08	19.06	19.06	19.00	19.00	20	0	
15	QPSK	36	31	18.96	19.06	19.03	19.03	19.03	19.00	19.00	20	0	
15	QPSK	36	62	19.05	19.04	19.08	19.07	19.07	19.00	19.00	20	0	
15	QPSK	72	0	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	31	19.03	19.02	19.08	19.08	19.08	19.00	19.00	20	0	
15	QPSK	72	62	19.03	19.01	19.09	19.05	19.05	19.00	19.00	20	0	

Band 41_Ant 9_PC3													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up Int (dB)	MPE (dB)			
Channel													
Frequency (MHz)													
2506 2540.5 2593 2636.5 2689													
20	QPSK	1	0	18.20	18.20	18.20	18.18	18.18					
20	QPSK	1	49	18.23	18.13	18.10	18.13	17.93	10	0			
20	QPSK	1	99	18.32	18.22	18.22	18.17	18.03					
20	QPSK	50	0	18.21	18.21	18.22	18.21	18.21					
20	QPSK	50	49	18.22	18.12	18.07	18.10	17.83	10	0			
20	QPSK	50	99	18.30	18.20	18.20	18.10	18.03					
20	IQAM	1	0	18.10	18.14	18.22	18.17	18.07					
20	IQAM	1	49	18.13	18.23	18.24	18.08	18.16	10	0			
20	IQAM	1	99	18.19	18.21	18.30	18.08	18.12					
20	IQAM	50	0	18.22	18.24	18.26	18.07	18.04					
20	IQAM	50	49	18.14	18.17	18.25	18.16	18.03	10	0			
20	IQAM	50	99	18.19	18.17	18.25	18.14	18.01					
20	IQAM	100	0	18.00	18.13	18.27	18.10	17.95					
20	IQAM	1	0	18.07	18.10	18.27	18.12	18.02					
20	IQAM	1	49	18.17	18.10	18.24	18.16	18.02	10	0			
20	IQAM	1	99	18.07	18.15	18.24	18.15	17.95					
20	IQAM	50	0	18.07	18.17	18.20	18.02	18.11					
20	IQAM	50	49	18.06	18.22	18.22	18.00	17.94	10	0			
20	IQAM	50	99	18.26	18.10	18.19	18.07	18.01					
20	IQAM	100	0	18.03	18.15	18.28	18.04	17.92					
20	IQAM	1	0	17.94	17.84	17.86	17.70	17.67					
20	IQAM	1	49	17.70	17.80	17.88	17.67	17.62	10	0			
20	IQAM	1	99	17.73	17.81	17.78	17.62	17.62					
20	IQAM	50	0	17.61	17.80	17.78	17.74	17.58					
20	IQAM	50	49	17.60	17.70	17.70	17.59	17.59	10	0			
20	IQAM	50	99	17.60	17.70	17.70	17.76	17.67					
20	IQAM	100	0	17.62	17.72	17.82	17.72	17.68					
Channel													
39700 40165 40620 41060 41515													
15	QPSK	1	0	18.25	18.20	18.21	18.13	18.20					
15	QPSK	1	37	18.08	18.16	18.08	18.21	18.02	10	0			
15	QPSK	1	74	18.20	18.23	18.14	18.19	18.02					
15	QPSK	36	0	18.09	18.10	17.89	18.11	18.09					
15	QPSK	36	20	17.93	18.10	17.90	18.11	18.13	10	0			
15	QPSK	36	39	18.13	18.23	18.10	18.08	18.04					
15	QPSK	75	0	17.90	18.19	17.96	18.06	18.07					
15	IQAM	1	0	18.19	18.20	18.12	18.24	18.02					
15	IQAM	1	37	18.07	18.22	18.09	18.20	18.01	10	0			
15	IQAM	1	74	18.04	18.30	18.01	18.27	18.06					
15	IQAM	36	0	17.99	18.09	18.00	18.14	18.18					
15	IQAM	36	20	18.10	18.20	18.08	18.10	18.06	10	0			
15	IQAM	36	39	18.08	18.24	18.15	18.24	18.19					
15	IQAM	75	0	18.16	18.20	18.10	18.07	18.04					
15	IQAM	1	0	18.13	18.23	18.10	18.08	18.04					
15	IQAM	1	37	18.01	18.19	18.14	18.24	18.09	10	0			
15	IQAM	1	74	18.04	18.30	18.01	18.27	18.06					
15	IQAM	36	0	18.13	18.19	18.05	18.20	18.12					
15	IQAM	36	20	18.17	18.13	18.20	18.15	18.10	10	0			
15	IQAM	36	39	18.07	18.26	18.09	18.22	18.05					
15	IQAM	75	0	18.07	18.19	18.11	18.22	18.02					
15	IQAM	1	0	17.61	17.76	17.74	17.71	17.68					
15	IQAM	1	37	17.62	17.82	17.62	17.82	17.62	10	0			
15	IQAM	1	74	17.67	17.69	17.72	17.84	17.68					
15	IQAM	36	0	17.74	17.80	17.72	17.73	17.68					
15	IQAM	36	20	17.61	17.86	17.69	17.70	17.65	10	0			
15	IQAM	36	39	17.78	17.78	17.65	18.01	17.79					
15	IQAM	75	0	17.61	17.72	17.64	17.70	17.65					
Channel													
39700 40165 40620 41060 41515													
10	QPSK	1	0	18.22	18.27	18.21	18.30	18.13					
10	QPSK	1	49	18.21	18.21	18.21	18.03	17.94	10	0			
10	QPSK	1	99	18.09	18.09	18.02	18.22	18.14					
10	QPSK	25	0	18.01	18.05	18.08	17.98	18.13					
10	QPSK	25	12	18.13	18.13	18.14	18.09	18.10					
10	QPSK	25	25	18.05	18.29	17.95	18.15	18.05					
10	QPSK	50	0	18.10	18.14	17.96	18.12	17.96					
10	QPSK	50	12	18.07	18.26	17.99	18.22	18.05					
10	IQAM	1	25	18.32	18.25	18.15	18.23	18.13	10	0			
10	IQAM	1	49	18.28	18.11	17.96	18.07	18.07					
10	IQAM	1	99	18.22	18.10	18.11	18.22	18.00					
10	IQAM	25	0	18.19	18.31	18.08	18.08	18.06					
10	IQAM	25	12	18.17	18.07	18.14	18.18	18.04	10	0			
10	IQAM	50	0	18.13	18.11	18.08	18.15	18.17					
10	IQAM	1	0	18.15	18.21	18.14	18.19	18.17					
10	IQAM	1	49	18.07	18.30	18.07	18.11	18.00	10	0			
10	IQAM	1	99	18.17	18.21	18.05	18.26	18.01					
10	IQAM	25	0	18.20	18.10	18.08	18.07	18.03					
10	IQAM	25	12	18.17	18.16	18.04	18.31	18.07	10	0			
10	IQAM	50	0	18.09	18.16	18.06	18.15	18.05					
10	IQAM	12	7	18.23	18.13	18.03	18.28	18.10					
10	IQAM	12	13	18.19	18.16	18.03	18.23	18.18					
10	IQAM	25	0	18.12	18.10	18.12	18.12	18.00					
10	IQAM	25	0	18.25	18.20	18.08	18.07	18.05					
10	IQAM	1	12	18.07	18.09	18.15	18.19	18.14					
10	IQAM	1	49	18.05	18.26	18.03	18.21	18.08					
10	IQAM	12	0	18.23	18.13	18.18	18.31	18.10					
10	IQAM	12	7	18.11	18.00	17.97	18.23	18.18	10	0			
10	IQAM	12	13	18.14	18.08	18.11	18.20	18.05					
10	IQAM	25	0	18.14	18.14	18.17	18.10	18.13					
10	IQAM	1	0	17.75	17.81	17.84	17.79	17.69					
10	IQAM	1	12	17.65	17.75	17.64	17.75	17.73	10	0			
10	IQAM	1	24	17.79	17.71	17.60	17.80	17.76					
10	IQAM	1	49	17.64	17.85	17.65	17.83	17.66					
10	IQAM	12	7	17.68	17.77	17.65	17.79	17.65	10	0			
10	IQAM	12	13	17.68	17.88	17.57	17.70	17.62					
10	IQAM	25	0	17.73	17.81	17.52	17.86	17.75					

Band 41_Ant 9_PC2													
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power Low High Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Turn-up Int (dB)	MPE (dB)			
Channel													
Frequency (MHz)				36760	40165	40620	41655	41655	2400				
				2506	2540.5	2593	2636.5	2689					
20	QPSK	1	0	18.23	18.23	18.23	18.21	18.21					
20	QPSK	1	49	18.07	18.21	18.07	18.24	18.06	20.6	0			
20	QPSK	1	99	18.05	18.80	18.03	18.80	18.79					
20	QPSK	50	0	18.21	18.21	18.23	18.22	18.22					
20	QPSK	50	49	18.22	18.24	18.26	18.07	18.07	20.6	0			
20	QPSK	50	99	18.30	18.32	18.37	18.10	18.03					
20	IQAM	1	49	18.05	18.21	18.20	18.20	18.20					
20	IQAM	1	99	18.03	18.21	18.20	18.20	18.20	20.6	0			
20	IQAM	50	0	18.01	18.07	18.08	18.07	18.00					
20	IQAM	50	49	18.05	18.21	18.20	18.20	18.20	20.6	0			
20	IQAM	50	99	18.00	18.24	18.26	18.07	18.07					
20	IQAM	100	0	18.05	18.02	18.04	18.04	18.78					
20	IQAM	100	49	18.07	18.24	18.26	18.07	18.07	20.6	0			
20	IQAM	100	99	18.00	18.24	18.26	18.07	18.07					
20	IQAM	1	49	18.05	18.21	18.20	18.20	18.20	20.6	0			
20	IQAM	1	99	18.05	18.09	18.02	18.78	18.74					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71					
20	IQAM	50	24	18.08	18.07	18.04	18.03	18.71	20.6	0			

Part 27Q_Band 42_Ant 5									
BW (MHz)	Modulation	RB (MHz)	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	20.09	20.74	20.84			
20	QPSK	1	49	20.49	20.69	20.84			
20	QPSK	1	99	20.56	20.70	20.82	21.5	0	
20	QPSK	50	0	20.51	20.61	20.82			
20	QPSK	50	24	20.49	20.69	20.82			
20	QPSK	50	50	20.38	20.57	20.47	21.5	0	
20	QPSK	100	0	20.43	20.48	20.42			
20	16QAM	1	0	20.56	20.63	20.60			
20	16QAM	1	49	20.46	20.71	20.82	21.5	0	
20	16QAM	50	0	20.41	20.68	20.82			
20	16QAM	50	0	20.53	20.71	20.81			
20	16QAM	50	24	20.49	20.68	20.50	21.5	0	
20	16QAM	50	50	20.45	20.67	20.84			
20	16QAM	100	0	20.49	20.62	20.58			
20	64QAM	1	0	20.47	20.64	20.50	21.5	0	
20	64QAM	1	49	20.42	20.65	20.80			
20	64QAM	1	99	20.55	20.59	20.53			
20	64QAM	50	0	20.08	20.12	20.08			
20	64QAM	50	24	19.93	20.17	19.98			
20	64QAM	50	50	19.92	20.10	19.98	21	0.5	
20	64QAM	100	0	19.93	20.18	20.01			
20	256QAM	1	0	17.91	18.08	18.05			
20	256QAM	1	49	17.96	18.14	18.09	19	2.5	
20	256QAM	50	0	18.06	18.12	18.07			
20	256QAM	50	0	18.03	18.21	17.97			
20	256QAM	50	24	18.00	18.20	18.12	19	2.5	
20	256QAM	50	50	17.99	18.19	18.07			
20	256QAM	100	0	17.94	18.17	18.05			
Channel									
Frequency (MHz)									
15	QPSK	1	0	20.56	20.66	20.61			
15	QPSK	1	37	20.45	20.58	20.50	21.5	0	
15	QPSK	1	74	20.51	20.57	20.83			
15	QPSK	36	0	20.31	20.68	20.45			
15	QPSK	36	20	20.36	20.39	20.63	21.5	0	
15	QPSK	36	39	20.46	20.47	20.63			
15	QPSK	75	0	20.46	20.45	20.43			
15	16QAM	1	0	20.52	20.49	20.52			
15	16QAM	1	37	20.53	20.50	20.47	21.5	0	
15	16QAM	1	74	20.42	20.48	20.48			
15	16QAM	36	0	20.46	20.63	20.58			
15	16QAM	36	20	20.43	20.60	20.55	21.5	0	
15	16QAM	36	39	20.49	20.59	20.43			
15	16QAM	75	0	20.50	20.58	20.42			
15	64QAM	1	0	20.45	20.58	20.49			
15	64QAM	1	37	20.44	20.47	20.62	21.5	0	
15	64QAM	1	74	20.50	20.51	20.11			
15	64QAM	36	0	19.88	20.17	19.11			
15	64QAM	36	20	20.06	20.05	20.50	21	0.5	
15	64QAM	36	39	20.43	20.60	20.55			
15	64QAM	75	0	20.02	20.18	20.05			
15	256QAM	1	0	18.01	18.04	18.03			
15	256QAM	1	37	17.98	18.02	18.01	19	2.5	
15	256QAM	1	74	18.05	18.22	17.99			
15	256QAM	36	0	17.84	18.11	17.87			
15	256QAM	36	20	18.00	18.09	18.06	19	2.5	
15	256QAM	36	39	18.02	18.02	18.11			
15	256QAM	75	0	18.01	18.19	17.94			
Channel									
Frequency (MHz)									
10	QPSK	1	0	20.55	20.60	20.65			
10	QPSK	1	24	20.58	20.60	20.65	21.5	0	
10	QPSK	1	49	20.45	20.58	20.48			
10	QPSK	25	0	20.40	20.55	20.40			
10	QPSK	25	12	20.41	20.48	20.45	21.5	0	
10	QPSK	25	25	20.37	20.51	20.47			
10	QPSK	50	0	20.42	20.46	20.58			
10	16QAM	1	0	20.57	20.54	20.61			
10	16QAM	1	25	20.48	20.62	20.51	21.5	0	
10	16QAM	25	0	20.46	20.60	20.55			
10	16QAM	25	12	20.52	20.65	20.59	21.5	0	
10	16QAM	50	0	20.46	20.60	20.60			
10	64QAM	1	0	20.51	20.68	20.55			
10	64QAM	1	24	20.44	20.68	20.43	21.5	0	
10	64QAM	1	49	20.66	20.51	20.53			
10	64QAM	25	0	20.00	20.09	19.97			
10	64QAM	25	12	19.99	20.18	19.95	21	0.5	
10	64QAM	25	25	20.03	20.18	19.95			
10	64QAM	50	0	20.00	20.09	19.99			
10	256QAM	1	0	17.99	18.02	17.97			
10	256QAM	1	25	18.04	18.07	18.04	19	2.5	
10	256QAM	1	49	18.03	17.98	18.01			
10	256QAM	25	0	18.07	18.13	17.91			
10	256QAM	25	12	18.01	18.17	18.01	19	2.5	
10	256QAM	25	25	18.04	18.13	18.04			
10	256QAM	50	0	17.98	18.09	18.00			
Channel									
Frequency (MHz)									
5	QPSK	1	0	20.68	20.65	20.55			
5	QPSK	1	12	20.50	20.58	20.42	21.5	0	
5	QPSK	1	24	20.55	20.64	20.35			
5	QPSK	12	0	20.38	20.57	20.40			
5	QPSK	12	7	20.48	20.54	20.40	21.5	0	
5	QPSK	12	13	20.44	20.41	20.65			
5	QPSK	25	0	20.39	20.39	20.54			
5	16QAM	1	0	20.64	20.68	20.64			
5	16QAM	1	12	20.60	20.69	20.52	21.5	0	
5	16QAM	1	24	20.51	20.59	20.47			
5	16QAM	12	0	20.49	20.62	20.49			
5	16QAM	12	7	20.38	20.54	20.52	21.5	0	
5	16QAM	12	13	20.50	20.61	20.50			
5	16QAM	25	0	20.54	20.60	20.52			
5	64QAM	1	0	20.52	20.45	20.41			
5	64QAM	1	12	20.41	20.49	20.31	21.5	0	
5	64QAM	1	24	20.55	20.58	20.47			
5	64QAM	12	0	19.89	20.09	19.92			
5	64QAM	12	7	20.14	20.14	19.96	21	0.5	
5	64QAM	12	13	20.00	20.04	20.00			
5	64QAM	25	0	19.92	20.06	19.91			
5	256QAM	1	0	17.96	17.97	17.92			
5	256QAM	1	12	18.03	17.96	17.75	19	2.5	
5	256QAM	1	24	18.06	18.13	18.03			
5	256QAM	12	0	17.96	17.94	17.85			
5	256QAM	12	7	18.04	18.10	17.83	19	2.5	
5	256QAM	12	13	18.04	18.01	17.90			
5	256QAM	25	0	18.00	18.00	17.87			

Part 27Q_Band 42_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mode Ch / Freq	Power High Ch / Freq	Turnup time (min)	MFR (dB)	
Channel									
Frequency (MHz)				44190	44590	44940			
20	QPSK	1	0	3640	3650	3645			
20	QPSK	1	49	22.17	22.18	22.11			
20	QPSK	1	99	22.22	22.29	22.09	23	0	
20	QPSK	50	0	22.15	22.25	22.14			
20	QPSK	50	24	22.02	22.03	22.02			
20	QPSK	50	50	22.02	22.23	22.02	23	0	
20	QPSK	100	0	22.09	22.17	22.12			
20	16QAM	1	0	21.97	22.08	21.93			
20	16QAM	1	49	21.91	22.10	21.93	23	0	
20	16QAM	1	99	22.02	22.08	21.83			
20	16QAM	50	0	20.99	21.07	20.93			
20	16QAM	50	24	21.09	21.04	20.94	22		
20	16QAM	50	50	20.96	21.03	20.87			
20	16QAM	100	0	20.99	21.04	20.93			
20	64QAM	1	0	20.92	21.09	20.89			
20	64QAM	1	49	20.85	21.06	20.87	22		
20	64QAM	1	99	20.95	21.06	20.87			
20	64QAM	50	0	20.02	20.07	19.88			
20	64QAM	50	24	19.98	20.10	19.88	21	2	
20	64QAM	50	50	19.94	20.07	19.89			
20	64QAM	100	0	19.92	20.14	19.83			
20	256QAM	1	0	17.95	18.10	17.90			
20	256QAM	1	49	17.97	18.03	17.83	19	4	
20	256QAM	1	99	17.91	18.02	17.85			
20	256QAM	50	0	17.83	18.12	17.91			
20	256QAM	50	24	18.00	18.04	17.90	19	4	
20	256QAM	50	50	17.97	18.03	17.87			
20	256QAM	100	0	18.00	18.03	17.85			
Channel									
Frequency (MHz)				36415 <th>36500<th>36419<th>Turnup time (min)</th><th>MFR (dB)</th><th></th></th></th>	36500 <th>36419<th>Turnup time (min)</th><th>MFR (dB)</th><th></th></th>	36419 <th>Turnup time (min)</th> <th>MFR (dB)</th> <th></th>	Turnup time (min)	MFR (dB)	
15	QPSK	1	0	22.10	22.30	22.08			
15	QPSK	1	97	22.09	22.25	21.99			
15	QPSK	1	194	22.16	22.23	21.98	23	0	
15	QPSK	36	0	22.02	22.02	22.02			
15	QPSK	36	24	22.16	22.16	22.16			
15	QPSK	36	50	22.02	22.17	21.98	23	0	
15	QPSK	72	0	21.87	22.07	21.88			
15	QPSK	72	24	21.87	22.08	21.98			
15	QPSK	72	50	21.89	22.09	21.87			
15	16QAM	1	0	21.98	21.99	21.87			
15	16QAM	1	74	21.92	22.04	21.67			
15	16QAM	1	148	21.97	22.05	21.85	23	0	
15	16QAM	36	0	20.95	20.96	20.91			
15	16QAM	36	24	20.85	20.88	20.85	22	1	
15	16QAM	36	50	20.92	20.92	20.87			
15	16QAM	1	0	20.79	21.01	20.81			
15	16QAM	1	74	20.79	20.98	20.84	22	1	
15	16QAM	1	148	20.88	20.98	20.87			
15	16QAM	36	0	19.91	19.98	19.82			
15	16QAM	36	24	19.82	19.92	19.81	21	2	
15	16QAM	36	50	19.79	19.95	19.86			
15	16QAM	72	0	19.77	19.95	19.78			
15	16QAM	72	24	19.83	19.93	19.78			
15	16QAM	72	50	19.80	19.93	19.78			
15	256QAM	1	0	17.92	17.93	17.72	19	4	
15	256QAM	1	74	17.87	17.96	17.71			
15	256QAM	1	148	17.90	17.95	17.74	19	4	
15	256QAM	36	0	17.96	17.98	17.77			
15	256QAM	36	24	17.92	17.92	17.72	19	4	
15	256QAM	36	50	17.87	17.93	17.73			
Channel									
Frequency (MHz)				44140 <th>44590<th>44740</th><th>Turnup time (min)</th><th>MFR (dB)</th><th></th></th>	44590 <th>44740</th> <th>Turnup time (min)</th> <th>MFR (dB)</th> <th></th>	44740	Turnup time (min)	MFR (dB)	
20	QPSK	1	0	36455	36500	36455			
20	QPSK	1	26	22.04	22.16	22.00	23	0	
20	QPSK	1	49	22.08	22.17	22.04			
20	QPSK	1	99	22.03	22.03	22.03			
20	QPSK	25	12	21.93	22.07	21.94			
20	QPSK	25	26	21.85	22.22	21.84			
20	QPSK	25	50	21.81	22.19	21.81	23	0	
20	QPSK	50	0	21.91	21.99	21.83			
20	16QAM	1	0	21.86	22.04	21.86			
20	16QAM	1	26	21.84	21.97	21.81	23	0	
20	16QAM	1	49	21.85	21.95	21.81			
20	16QAM	25	12	20.86	20.95	20.81			
20	16QAM	25	26	20.89	21.00	20.78	22	1	
20	16QAM	25	50	20.81	20.99	20.80			
20	16QAM	1	0	20.84	20.98	20.75	22	1	
20	16QAM	1	49	20.81	21.02	20.78			
20	16QAM	1	99	20.92	21.02	20.82			
20	16QAM	25	12	19.74	20.07	19.67	21	2	
20	16QAM	25	26	19.80	20.05	19.83			
20	16QAM	25	50	19.79	20.04	19.79			
20	16QAM	1	0	17.84	18.07	17.82			
20	16QAM	1	26	17.86	17.91	17.74	19	4	
20	16QAM	1	49	17.87	17.95	17.74			
20	16QAM	25	12	17.81	17.89	17.69			
20	16QAM	25	26	17.81	17.84	17.69			
20	16QAM	25	50	17.77	17.85	17.69	19	4	
20	16QAM	50	0	17.84	17.95	17.84			
20	16QAM	50	26	17.78	17.89	17.77			
20	16QAM	50	50	17.82	17.89	17.77			
Channel									
Frequency (MHz)				36425 <th>36500<th>36475<th>Turnup time (min)</th><th>MFR (dB)</th><th></th></th></th>	36500 <th>36475<th>Turnup time (min)</th><th>MFR (dB)</th><th></th></th>	36475 <th>Turnup time (min)</th> <th>MFR (dB)</th> <th></th>	Turnup time (min)	MFR (dB)	
5	QPSK	1	0	20.19	22.21	20.19			
5	QPSK	1	12	22.09	22.29	22.04	23	0	
5	QPSK	1	25	22.16	22.26	22.16			
5	QPSK	12	0	21.92	22.07	21.91			
5	QPSK	12	7	21.98	22.06	22.05	23	0	
5	QPSK	12	14	21.98	22.18	22.18			
5	QPSK	26	0	20.81	22.07	20.82			
5	QPSK	26	14	20.87	22.07	20.87	23	0	
5	QPSK	1	12	21.79	22.08	21.79			
5	16QAM	1	24	21.92	22.02	21.66			
5	16QAM	1	37	21.98	22.07	21.87			
5	16QAM	12	0	20.94	20.97	20.79	22	1	
5	16QAM	12	19	20.85	20.88	20.78			
5	16QAM	12	38	20.84	20.96	20.84			
5	16QAM	1	0	20.89	20.94	20.79			
5	16QAM	12	19	20.79	21.04	20.80	22	1	
5	16QAM	12	38	20.92	21.02	20.92			
5	16QAM	1	0	19.92	20.03	19.83			
5	16QAM	12	0	19.81	20.03	19.82			
5	16QAM	12	19	19.84	20.06	19.83	21	2	
5	16QAM	26	0	19.81	20.02	19.79			
5	256QAM	1	0	17.89	17.99	17.79	19	4	
5	256QAM	1	24	17.78	17.93	17.73			
5	256QAM	12	0	17.82	17.92	17.72			
5	256QAM	12	19	17.82	17.92	17.72			

Full&Default Power Mode

n2_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				374000	376000	378000				
Frequency (MHz)				1970	1990	1990				
40	Plz BPSK	1	1	22.53	22.91	22.82				
40	Plz BPSK	1	108	22.86	22.89	22.73	24.0	0.0		
40	Plz BPSK	1	214	22.85	22.83	22.72				
40	Plz BPSK	108	0	22.39	22.42	22.26	23.5	0.5		
40	Plz BPSK	108	54	22.97	22.86	22.65	24.0	0.0		
40	Plz BPSK	108	108	22.30	22.35	22.21	23.5	0.5		
40	Plz BPSK	216	0	22.34	22.33	22.18				
40	QPSK	1	1	22.86	22.89	22.81				
40	QPSK	1	108	22.80	22.84	22.82	24.0	0.0		
40	QPSK	1	214	22.84	22.93	22.74				
40	QPSK	108	0	21.82	21.86	21.72	23.0	1.0		
40	QPSK	108	54	22.86	22.87	22.84	24.0	0.0		
40	QPSK	108	108	21.74	21.76	21.81	23.0	1.0		
40	QPSK	216	0	21.71	21.78	21.56				
40	16QAM	1	1	22.01	22.02	21.81	23.0	1.0		
40	64QAM	1	1	26.16	26.15	26.01	21.5	2.5		
40	256QAM	1	1	18.07	18.07	17.98	19.5	4.5		
Channel				373000	376000	378000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1967.5	1990	1992.5	(dBm)	(dB)		
35	QPSK	1	1	22.75	22.89	22.77	24.0	0.0		
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1965	1980	1995	(dBm)	(dB)		
30	QPSK	1	1	22.80	22.96	22.82	24.0	0.0		
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1962.5	1980	1997.5	(dBm)	(dB)		
25	QPSK	1	1	22.87	22.90	22.77	24.0	0.0		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1960	1980	1990	(dBm)	(dB)		
20	QPSK	1	1	22.87	22.95	22.86	24.0	0.0		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1957.5	1980	1992.5	(dBm)	(dB)		
15	QPSK	1	1	22.91	22.98	22.89	24.0	0.0		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1955	1980	1995	(dBm)	(dB)		
10	QPSK	1	1	22.79	22.89	22.84	24.0	0.0		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1952.5	1980	1997.5	(dBm)	(dB)		
5	QPSK	1	1	22.79	22.96	22.78	24.0	0.0		

n2_Ant 8										
BW [MHz]	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)				1970	1990	1990				
40	Plz BPSK	1	1	22.14	22.63	22.68				
40	Plz BPSK	1	108	22.69	22.62	22.69	24.0	0.0		
40	Plz BPSK	1	214	22.59	22.57	22.84				
40	Plz BPSK	108	0	22.26	22.23	22.23	23.5	0.5		
40	Plz BPSK	108	54	22.62	22.69	22.75	24.0	0.0		
40	Plz BPSK	108	108	22.12	22.13	22.21	23.5	0.5		
40	Plz BPSK	216	0	22.07	22.11	22.20				
40	QPSK	1	1	22.11	22.14	22.08				
40	QPSK	1	108	22.58	22.56	22.72	24.0	0.0		
40	QPSK	1	214	22.74	22.69	22.78				
40	QPSK	108	0	21.91	21.87	21.96	23.0	1.0		
40	QPSK	108	54	22.86	22.83	22.86	24.0	0.0		
40	QPSK	108	108	21.82	21.78	21.85	23.0	1.0		
40	QPSK	216	0	21.78	21.85	21.83				
40	16QAM	1	1	21.79	21.78	21.77	23.0	1.0		
40	64QAM	1	1	19.95	19.86	19.92	21.5	2.5		
40	256QAM	1	1	17.93	17.80	17.84	19.5	4.5		
Channel				373000	376000	378000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1967.5	1990	1992.5	(dBm)	(dB)		
35	QPSK	1	1	23.02	23.13	23.00	24.0	0.0		
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1965	1980	1995	(dBm)	(dB)		
30	QPSK	1	1	23.08	23.10	23.07	24.0	0.0		
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1962.5	1980	1997.5	(dBm)	(dB)		
25	QPSK	1	1	22.98	23.07	23.05	24.0	0.0		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1960	1980	1990	(dBm)	(dB)		
20	QPSK	1	1	23.09	23.05	23.07	24.0	0.0		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1957.5	1980	1992.5	(dBm)	(dB)		
15	QPSK	1	1	23.00	23.00	23.02	24.0	0.0		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1955	1980	1995	(dBm)	(dB)		
10	QPSK	1	1	23.02	23.04	23.06	24.0	0.0		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR		
Frequency (MHz)				1952.5	1980	1997.5	(dBm)	(dB)		
5	QPSK	1	1	23.06	23.05	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				374000	376000	378000				
Frequency (MHz)				1970	1990	1990				
40	Plz BPSK	1	1	22.75	22.69	22.78				
40	Plz BPSK	1	108	22.69	22.72	22.81	24.0	0.0		
40	Plz BPSK	1	214	22.68	22.58	22.84				
40	Plz BPSK	108	0	22.32	22.21	22.24	23.5	0.5		
40	Plz BPSK	108	54	22.62	22.61	22.73	24.0	0.0		
40	Plz BPSK	108	108	22.11	22.22	22.27	23.5	0.5		
40	Plz BPSK	216	0	22.15	22.17	22.13				
Channel				21918	21910	21916				
40	QPSK	1	1	22.67	22.72	22.63	24.0	0.0		
40	QPSK	1	108	22.67	22.72	22.63				
40	QPSK	1	214	22.73	22.67	22.75				
40	QPSK	108	0	21.97	21.87	22.03	23.0	1.0		
40	QPSK	108	54	22.86	22.80	22.86	24.0	0.0		
40	QPSK	108	108	21.85	21.84	21.91	23.0	1.0		
40	QPSK	216	0	21.78	21.87	21.85				
40	16QAM	1	1	21.79	21.80	21.89	23.0	1.0		
40	64QAM	1	1	20.01	19.93	19.94	21.5	2.5		
40	256QAM	1	1	17.93	17.85	17.89	19.5	4.5		
Channel				373000	376000	378000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1967.5	1990	1992.5	(dBm)	(dB)		
35	QPSK	1	1	23.03	23.04	23.01	24.0	0.0		
Channel				373000	376000	379000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1965	1980	1995	(dBm)	(dB)		
30	QPSK	1	1	22.99	23.08	22.99	24.0	0.0		
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1962.5	1980	1997.5	(dBm)	(dB)		
25	QPSK	1	1	23.01	23.05	23.05	24.0	0.0		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1960	1980	1990	(dBm)	(dB)		
20	QPSK	1	1	23.04	23.08	23.08	24.0	0.0		
Channel				371000	376000	380000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1957.5	1980	1992.5	(dBm)	(dB)		
15	QPSK	1	1	22.97	23.03	23.00	24.0	0.0		
Channel				370000	376000	381000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1955	1980	1995	(dBm)	(dB)		
10	QPSK	1	1	22.98	22.98	23.02	24.0	0.0		
Channel				370000	376000	381000	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1952.5	1980	1997.5	(dBm)	(dB)		
5	QPSK	1	1	23.02	23.00	23.09	24.0	0.0		

n5_Ant 0							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 166800	Power Middle Ch. Freq. 167300	Power High Ch. Freq. 167800	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
20	PQ2 BPSK	1	1	22.41	22.42	22.41	
20	PQ2 BPSK	1	53	22.59	22.81	22.65	24.0
20	PQ2 BPSK	1	104	22.59	22.79	22.63	
20	PQ2 BPSK	50	0	21.99	22.16	22.01	23.5
20	PQ2 BPSK	50	58	22.54	22.77	22.56	24.0
20	PQ2 BPSK	50	56	22.00	22.24	22.02	
20	PQ2 BPSK	100	0	22.01	22.21	22.08	23.5
20	QPSK	1	1	22.47	22.43	22.45	
20	QPSK	1	53	22.47	22.71	22.50	24.0
20	QPSK	1	104	22.57	22.73	22.58	
20	QPSK	50	0	21.49	21.75	21.56	23.0
20	QPSK	50	58	22.47	22.71	22.58	24.0
20	QPSK	50	56	21.40	21.69	21.47	
20	QPSK	100	0	21.51	21.68	21.49	23.0
20	16QAM	1	1	21.78	22.05	21.89	23.0
20	16QAM	1	1	19.90	20.05	19.86	21.5
20	256QAM	1	1	19.00	19.25	18.11	19.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.53	22.70	22.63	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.61	22.78	22.70	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.61	22.81	22.69	24.0

n5_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 166800	Power Middle Ch. Freq. 167300	Power High Ch. Freq. 167800	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
20	PQ2 BPSK	1	1	22.46	22.49	22.52	
20	PQ2 BPSK	1	53	22.47	22.48	22.44	24.0
20	PQ2 BPSK	1	104	22.53	22.54	22.48	
20	PQ2 BPSK	50	0	21.84	21.63	21.76	23.5
20	PQ2 BPSK	50	58	22.45	22.44	22.33	24.0
20	PQ2 BPSK	50	56	21.84	21.52	21.83	
20	PQ2 BPSK	100	0	21.90	21.93	21.90	23.5
20	QPSK	1	1	22.39	22.41	22.44	
20	QPSK	1	53	22.31	22.48	22.27	24.0
20	QPSK	1	104	22.39	22.45	22.40	
20	QPSK	50	0	21.45	21.45	21.38	23.0
20	QPSK	50	58	22.47	22.46	22.34	24.0
20	QPSK	50	56	21.33	21.40	21.31	
20	QPSK	100	0	21.31	21.40	21.37	23.0
20	16QAM	1	1	21.77	21.71	21.75	23.0
20	16QAM	1	1	19.66	19.82	19.73	21.5
20	256QAM	1	1	17.96	17.91	17.83	19.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.52	22.59	22.43	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.50	22.54	22.49	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.47	22.47	22.42	24.0

n7_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 505000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 509000	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
50	PQ2 BPSK	1	1	22.85	22.90	22.86	
50	PQ2 BPSK	1	135	22.79	22.86	22.77	24.0
50	PQ2 BPSK	1	268	22.80	22.83	22.77	
50	PQ2 BPSK	135	0	22.20	22.25	22.15	23.5
50	PQ2 BPSK	135	18	22.73	22.78	22.74	24.0
50	PQ2 BPSK	135	135	22.29	22.29	22.19	23.5
50	PQ2 BPSK	270	0	22.15	22.30	22.12	
50	QPSK	1	1	22.91	22.96	22.94	
50	QPSK	1	135	22.73	22.83	22.75	24.0
50	QPSK	1	268	22.70	22.82	22.69	
50	QPSK	135	0	21.80	21.91	21.89	23.0
50	QPSK	135	65	22.80	22.89	22.78	24.0
50	QPSK	135	135	21.80	21.77	21.84	23.0
50	QPSK	270	0	21.71	21.84	21.78	
50	16QAM	1	1	21.98	22.04	21.96	23.0
50	16QAM	1	1	20.10	20.08	20.06	21.5
50	256QAM	1	1	18.30	18.37	18.29	19.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	22.87	22.94	22.80	24.0
Channel							
Frequency (MHz)							
35	QPSK	1	1	22.85	22.88	22.83	24.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	22.82	22.95	22.77	24.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	22.81	22.96	22.79	24.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	22.90	22.91	22.88	24.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.90	22.88	22.78	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.84	22.92	22.81	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.90	22.93	22.78	24.0

n7_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Freq]	Power Middle Co. [Freq]	Power High Co. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	Plz BPSK	1	1	22.53	22.97	22.88	24.0	0.0	
50	Plz BPSK	1	135	22.82	23.00	22.83			
50	Plz BPSK	1	268	22.94	22.88	22.78			
50	Plz BPSK	135	0	22.29	22.32	22.27	23.5	0.5	
50	Plz BPSK	135	68	22.78	22.93	22.81	24.0	0.0	
50	Plz BPSK	135	135	22.25	22.40	22.32	23.5	0.5	
50	Plz BPSK	270	0	22.25	22.39	22.25			
50	QPSK	1	1	22.86	22.87	22.87	24.0	0.0	
50	QPSK	1	135	22.79	22.87	22.70			
50	QPSK	1	268	22.84	22.83	22.86			
50	QPSK	135	0	21.86	21.96	21.91	23.0	1.0	
50	QPSK	135	68	22.86	22.85	22.86	24.0	0.0	
50	QPSK	135	135	21.88	21.85	21.83	23.0	1.0	
50	QPSK	270	0	21.83	21.83	21.82			
50	16QAM	1	1	22.13	22.10	22.10	23.0	1.0	
50	64QAM	1	1	26.15	26.11	26.12	21.5	2.5	
50	256QAM	1	1	18.35	18.31	18.31	19.5	4.5	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550	(dB)	(dB)	
40	QPSK	1	1	22.92	22.90	22.87	24.0	0.0	
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2517.5	2535	2552.5	(dB)	(dB)	
35	QPSK	1	1	22.90	22.98	22.93	24.0	0.0	
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555	(dB)	(dB)	
30	QPSK	1	1	22.92	22.95	22.85	24.0	0.0	
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dB)	(dB)	
25	QPSK	1	1	22.96	22.98	22.89	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	(dB)	(dB)	
20	QPSK	1	1	22.90	22.94	22.88	24.0	0.0	
Channel				501000	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dB)	(dB)	
15	QPSK	1	1	22.59	22.52	22.84	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	(dB)	(dB)	
10	QPSK	1	1	22.88	22.95	22.94	24.0	0.0	
Channel				500000	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dB)	(dB)	
5	QPSK	1	1	22.87	22.99	22.92	24.0	0.0	

n7_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Freq]	Power Middle Co. [Freq]	Power High Co. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	509000			
Frequency (MHz)				2525	2535	2545			
50	Plz BPSK	1	1	22.70	22.77	22.63	24.0	0.0	
50	Plz BPSK	1	135	22.64	22.77	22.80			
50	Plz BPSK	1	268	22.65	22.67	22.88			
50	Plz BPSK	135	0	22.08	22.10	21.98	23.5	0.5	
50	Plz BPSK	135	68	22.66	22.70	22.60	24.0	0.0	
50	Plz BPSK	135	135	22.07	22.14	22.09	23.5	0.5	
50	Plz BPSK	270	0	22.11	22.16	22.06			
50	QPSK	1	1	22.76	22.82	22.71	24.0	0.0	
50	QPSK	1	135	22.62	22.66	22.55			
50	QPSK	1	268	22.61	22.71	22.55			
50	QPSK	135	0	21.75	21.75	21.65	23.0	1.0	
50	QPSK	135	68	22.66	22.77	22.66	24.0	0.0	
50	QPSK	135	135	21.69	21.69	21.58	23.0	1.0	
50	QPSK	270	0	21.66	21.73	21.63			
50	16QAM	1	1	21.86	21.95	21.85	23.0	1.0	
50	64QAM	1	1	19.84	19.87	19.81	21.5	2.5	
50	256QAM	1	1	18.12	18.22	18.00	19.5	4.5	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550	(dB)	(dB)	
40	QPSK	1	1	22.70	22.70	22.63	24.0	0.0	
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2517.5	2535	2552.5	(dB)	(dB)	
35	QPSK	1	1	22.75	22.70	22.71	24.0	0.0	
Channel				502000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555	(dB)	(dB)	
30	QPSK	1	1	22.73	22.67	22.84	24.0	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dB)	(dB)	
25	QPSK	1	1	22.72	22.67	22.70	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	(dB)	(dB)	
20	QPSK	1	1	22.67	22.80	22.72	24.0	0.0	
Channel				501000	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dB)	(dB)	
15	QPSK	1	1	22.68	22.67	22.59	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	(dB)	(dB)	
10	QPSK	1	1	22.64	22.68	22.71	24.0	0.0	
Channel				500000	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dB)	(dB)	
5	QPSK	1	1	22.67	22.81	22.84	24.0	0.0	

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Freq]	Power Middle Co. [Freq]	Power High Co. [Freq]	Tune-up limit (dBm)	MPR (dB)	
Channel				164800	166300	167800			
Frequency (MHz)				824	831.5	839			
20	Plz BPSK	1	1	22.82	22.83	22.84	24.0	0.0	
20	Plz BPSK	1	53	22.78	22.83	22.77			
20	Plz BPSK	1	104	22.83	22.84	22.70			
20	Plz BPSK	50	0	22.19	22.25	22.08	23.5	0.5	
20	Plz BPSK	50	26	22.82	22.81	22.70	24.0	0.0	
20	Plz BPSK	50	56	22.28	22.36	22.21	23.5	0.5	
20	Plz BPSK	100	0	22.16	22.28	22.25			
20	QPSK	1	1	22.81	22.87	22.88	24.0	0.0	
20	QPSK	1	53	22.67	22.78	22.72			
20	QPSK	1	104	22.72	22.74	22.73			
20	QPSK	50	0	21.70	21.86	21.79	23.0	1.0	
20	QPSK	50	26	22.74	22.76	22.64	24.0	0.0	
20	QPSK	50	56	21.72	21.78	21.66	23.0	1.0	
20	QPSK	100	0	21.62	21.72	21.70			
20	16QAM	1	1	22.10	22.10	21.88	23.0	1.0	
20	64QAM	1	1	26.10	26.05	26.00	21.5	2.5	
20	256QAM	1	1	18.29	18.38	18.26	19.5	4.5	
Channel				164300	166300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				821.5	831.5	841.5	(dB)	(dB)	
15	QPSK	1	1	22.79	22.87	22.79	24.0	0.0	
Channel				163800	166300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				819	831.5	844	(dB)	(dB)	
10	QPSK	1	1	22.83	22.87	22.83	24.0	0.0	
Channel				163300	166300	169300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				816.5	831.5	846.5	(dB)	(dB)	
5	QPSK	1	1	22.78	22.86	22.77	24.0	0.0	

n26(FCC)_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16K800	Power Middle Ch. / Freq. 16K300	Power High Ch. / Freq. 16K700	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PQ2 BPSK	1	1	22.84	22.70	22.66			
20	PQ2 BPSK	1	63	22.56	22.73	22.61	24.0	0.0	
20	PQ2 BPSK	1	104	22.63	22.72	22.62			
20	PQ2 BPSK	50	0	21.95	21.99	22.02	23.5	0.5	
20	PQ2 BPSK	50	28	22.53	22.63	22.67	24.0	0.0	
20	PQ2 BPSK	50	56	22.02	22.13	22.16			
20	PQ2 BPSK	100	0	22.09	22.13	22.13	23.5	0.5	
20	QPSK	1	1	22.73	22.79	22.76			
20	QPSK	1	53	22.49	22.62	22.52	24.0	0.0	
20	QPSK	1	104	22.60	22.60	22.53			
20	QPSK	50	0	21.54	21.63	21.56	23.0	1.0	
20	QPSK	50	28	22.72	22.66	22.59	24.0	0.0	
20	QPSK	50	56	21.55	21.57	21.60			
20	QPSK	100	0	21.45	21.53	21.48	23.0	1.0	
20	16QAM	1	1	21.84	22.00	21.91	23.0	1.0	
20	64QAM	1	1	19.89	19.96	19.87	21.5	2.5	
20	256QAM	1	1	18.05	18.14	18.13	19.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.64	22.70	22.64	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.64	22.72	22.74	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.60	22.69	22.64	24.0	0.0	

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
45	PQ2 BPSK	1	1	22.61	22.73	22.60			
45	PQ2 BPSK	1	122	22.66	22.70	22.60	24.0	0.0	
45	PQ2 BPSK	1	240	22.59	22.71	22.53			
45	PQ2 BPSK	120	0	22.00	22.07	21.94	23.5	0.5	
45	PQ2 BPSK	120	60	22.64	22.75	22.57	24.0	0.0	
45	PQ2 BPSK	120	122	22.12	22.17	22.00			
45	PQ2 BPSK	240	0	22.13	22.19	22.08	23.5	0.5	
45	QPSK	1	1	22.76	22.82	22.76			
45	QPSK	1	122	22.61	22.68	22.56	24.0	0.0	
45	QPSK	1	240	22.65	22.63	22.61			
45	QPSK	120	0	21.62	21.74	21.63	23.0	1.0	
45	QPSK	120	60	22.67	22.77	22.64	24.0	0.0	
45	QPSK	120	122	21.62	21.72	21.60			
45	QPSK	240	0	21.63	21.67	21.50	23.0	1.0	
45	16QAM	1	1	21.94	21.92	21.80	23.0	1.0	
45	64QAM	1	1	19.96	19.96	19.80	21.5	2.5	
45	256QAM	1	1	18.03	18.19	18.09	19.5	4.5	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.73	22.72	22.65	24.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.70	22.68	22.63	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.73	22.67	22.64	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.67	22.70	22.59	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.69	22.81	22.68	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.67	22.76	22.71	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.64	22.78	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.67	22.76	22.63	24.0	0.0	

n66_Ant 8									
BW (MHz)	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)									
45	PQ2 BPSK	1	1	22.61	22.73	22.54			
45	PQ2 BPSK	1	122	22.64	22.69	22.50	24.0	0.0	
45	PQ2 BPSK	1	240	22.59	22.59	22.50			
45	PQ2 BPSK	120	0	22.25	22.25	22.17	23.5	0.5	
45	PQ2 BPSK	120	60	22.60	22.65	22.46	24.0	0.0	
45	PQ2 BPSK	120	122	22.31	22.38	22.29	23.5	0.5	
45	PQ2 BPSK	240	0	22.36	22.35	22.31			
45	QPSK	1	1	22.85	22.85	22.85			
45	QPSK	1	122	22.85	22.82	22.86	24.0	0.0	
45	QPSK	1	240	22.81	22.84	22.79			
45	QPSK	120	0	21.91	21.91	21.88	23.0	1.0	
45	QPSK	120	60	22.86	22.86	22.86	24.0	0.0	
45	QPSK	120	122	21.80	21.86	21.81			
45	QPSK	240	0	21.79	21.82	21.77	23.0	1.0	
45	16QAM	1	1	22.15	22.17	22.08	23.0	1.0	
45	64QAM	1	1	20.20	20.17	20.14	21.5	2.5	
45	256QAM	1	1	18.36	18.35	18.35	19.5	4.5	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.85	23.02	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	23.00	23.04	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.92	22.98	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.99	22.96	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.97	22.96	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.91	22.99	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.98	22.99	22.85	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	23.01	22.96	22.88	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				346000	346000	351000			
Frequency (MHz)				1722.5	1745	1767.5			
45	Pi/2 BPSK	1	1	22.72	22.80	22.75	24.0	0.0	
45	Pi/2 BPSK	1	122	22.78	22.75	22.78			
45	Pi/2 BPSK	1	240	22.75	22.77	22.67			
45	Pi/2 BPSK	120	0	22.10	22.22	22.02			
45	Pi/2 BPSK	120	60	22.72	22.72	22.66	24.0	0.0	
45	Pi/2 BPSK	120	122	22.24	22.17	22.18	23.5	0.5	
45	Pi/2 BPSK	240	0	22.23	22.24	22.11			
45	QPSK	1	1	22.81	22.81	22.83	24.0	0.0	
45	QPSK	1	122	22.80	22.84	22.70			
45	QPSK	1	240	22.76	22.73	22.64			
45	QPSK	120	0	21.74	21.76	21.67			
45	QPSK	120	60	22.85	22.85	22.71	24.0	0.0	
45	QPSK	120	122	21.66	21.73	21.71	23.0	1.0	
45	QPSK	240	0	21.88	21.78	21.68			
45	16QAM	1	1	21.84	22.10	21.96	23.0	1.0	
45	64QAM	1	1	20.06	20.06	20.00	21.5	2.5	
45	256QAM	1	1	18.16	18.25	18.15	19.5	4.5	
Channel				346000	346000	352000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1760	(dBm)	(dB)	
40	QPSK	1	1	22.75	22.88	22.71	24.0	0.0	
Channel				345000	345000	352000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
35	QPSK	1	1	22.80	22.80	22.76	24.0	0.0	
Channel				345000	345000	350000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	22.80	22.81	22.74	24.0	0.0	
Channel				344000	344000	350000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1723	1745	1763	(dBm)	(dB)	
25	QPSK	1	1	22.82	22.76	22.74	24.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1723	1745	1763	(dBm)	(dB)	
20	QPSK	1	1	22.79	22.82	22.76	24.0	0.0	
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	22.85	22.89	22.73	24.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	22.79	22.81	22.80	24.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	22.74	22.79	22.72	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				134600	136100	137600			
Frequency (MHz)				673	690.5	708			
20	Pi/2 BPSK	1	1	22.82	22.68	22.90	24.0	0.0	
20	Pi/2 BPSK	1	53	22.55	22.62	22.57			
20	Pi/2 BPSK	1	104	22.44	22.61	22.52			
20	Pi/2 BPSK	50	0	21.84	21.91	21.82			
20	Pi/2 BPSK	50	26	22.48	22.55	22.47	24.0	0.0	
20	Pi/2 BPSK	50	56	22.01	22.00	21.92	23.5	0.5	
20	Pi/2 BPSK	100	0	21.92	22.04	21.96			
20	QPSK	1	1	22.83	22.86	22.81	24.0	0.0	
20	QPSK	1	53	22.38	22.44	22.38			
20	QPSK	1	104	22.52	22.48	22.42			
20	QPSK	50	0	21.45	21.46	21.40	23.0	1.0	
20	QPSK	50	26	22.49	22.52	22.46	24.0	0.0	
20	QPSK	50	56	21.39	21.47	21.36	23.0	1.0	
20	QPSK	100	0	21.37	21.39	21.31			
20	16QAM	1	1	21.83	21.82	21.79	23.0	1.0	
20	64QAM	1	1	19.81	19.83	19.70	21.5	2.5	
20	256QAM	1	1	18.02	18.04	17.88	19.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				670.5	690.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.55	22.54	22.51	24.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.59	22.54	22.58	24.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.57	22.58	22.55	24.0	0.0	

n71_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				134600	136100	137600			
Frequency (MHz)				673	690.5	708			
20	Pi/2 BPSK	1	1	22.82	22.61	22.49	24.0	0.0	
20	Pi/2 BPSK	1	53	22.58	22.59	22.56			
20	Pi/2 BPSK	1	104	22.55	22.57	22.48			
20	Pi/2 BPSK	50	0	21.89	21.91	21.85			
20	Pi/2 BPSK	50	26	22.58	22.58	22.48	24.0	0.0	
20	Pi/2 BPSK	50	56	22.01	22.02	22.03	23.5	0.5	
20	Pi/2 BPSK	100	0	22.06	22.06	21.91			
20	QPSK	1	1	22.86	22.73	22.83	24.0	0.0	
20	QPSK	1	53	22.56	22.60	22.44			
20	QPSK	1	104	22.44	22.62	22.41			
20	QPSK	50	0	21.52	21.55	21.52	23.0	1.0	
20	QPSK	50	26	22.41	22.58	22.49	24.0	0.0	
20	QPSK	50	56	21.49	21.50	21.39	23.0	1.0	
20	QPSK	100	0	21.41	21.53	21.45			
20	16QAM	1	1	21.84	21.93	21.71	23.0	1.0	
20	64QAM	1	1	19.76	19.81	19.78	21.5	2.5	
20	256QAM	1	1	18.09	18.09	18.04	19.5	4.5	
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				670.5	690.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.58	22.59	22.59	24.0	0.0	
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.65	22.72	22.55	24.0	0.0	
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.54	22.65	22.50	24.0	0.0	

n38_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 510004	Power Middle Ch. / Freq. 510000	Power High Ch. / Freq. 510996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	22.79	22.86	22.78	24.0	0.0	
40	Pl2 BPSK	1	53	22.68	22.76	22.68			
40	Pl2 BPSK	1	104	22.72	22.74	22.66			
40	Pl2 BPSK	50	0	22.31	22.34	22.13	23.5	0.5	
40	Pl2 BPSK	50	28	22.79	22.84	22.69	24.0	0.0	
40	Pl2 BPSK	50	86	22.21	22.25	22.17	23.5	0.5	
40	Pl2 BPSK	100	0	22.18	22.24	22.05			
40	QPSK	1	1	22.87	22.88	22.82			
40	QPSK	1	53	22.80	22.84	22.70	24.0	0.0	
40	QPSK	1	104	22.87	22.82	22.72			
40	QPSK	50	0	21.72	21.77	21.56			
40	QPSK	50	28	22.69	22.84	22.67	24.0	0.0	
40	QPSK	50	56	21.86	21.74	21.64	23.0	1.0	
40	QPSK	100	0	21.68	21.76	21.68			
40	16QAM	1	1	21.83	21.78	21.68	23.0	1.0	
40	64QAM	1	1	20.09	20.17	19.99	21.5	2.5	
40	256QAM	1	1	18.05	18.15	17.84	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.77	22.75	22.72	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.80	22.81	22.72	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.73	22.78	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.83	22.87	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.77	22.80	22.73	24.0	0.0	

n38_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 510004	Power Middle Ch. / Freq. 510000	Power High Ch. / Freq. 510996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	22.61	22.66	22.64	24.0	0.0	
40	Pl2 BPSK	1	53	22.65	22.65	22.55			
40	Pl2 BPSK	1	104	22.51	22.54	22.49			
40	Pl2 BPSK	50	0	22.18	22.25	22.05	23.5	0.5	
40	Pl2 BPSK	50	28	22.57	22.75	22.64	24.0	0.0	
40	Pl2 BPSK	50	86	22.02	22.16	22.01	23.5	0.5	
40	Pl2 BPSK	100	0	22.08	22.13	21.96			
40	QPSK	1	1	22.76	22.80	22.72			
40	QPSK	1	53	22.68	22.75	22.55	24.0	0.0	
40	QPSK	1	104	22.56	22.59	22.82			
40	QPSK	50	0	21.83	21.85	21.46			
40	QPSK	50	28	22.67	22.75	22.65	24.0	0.0	
40	QPSK	50	86	21.50	21.53	21.52	23.0	1.0	
40	QPSK	100	0	21.63	21.67	21.50			
40	16QAM	1	1	21.82	21.82	21.61	23.0	1.0	
40	64QAM	1	1	19.92	20.08	19.91	21.5	2.5	
40	256QAM	1	1	17.92	18.01	17.90	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.71	22.68	22.65	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.69	22.67	22.57	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.62	22.66	22.62	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.75	22.65	22.62	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.66	22.72	22.64	24.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 5150.0	Power Middle Ch. / Freq. 5190.0	Power High Ch. / Freq. 5250.0	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	22.82	22.96	22.86	24.0	0.0	
40	Pl2 BPSK	1	53	22.81	22.83	22.69			
40	Pl2 BPSK	1	104	22.80	22.83	22.66			
40	Pl2 BPSK	50	0	22.30	22.39	22.24	23.5	0.5	
40	Pl2 BPSK	50	28	22.88	22.91	22.82	24.0	0.0	
40	Pl2 BPSK	50	56	22.21	22.31	22.19	23.5	0.5	
40	Pl2 BPSK	100	0	22.20	22.31	22.28			
40	QPSK	1	1	22.87	23.01	22.93			
40	QPSK	1	53	22.86	22.86	22.67	24.0	0.0	
40	QPSK	1	104	22.80	22.83	22.84			
40	QPSK	50	0	21.82	21.78	21.70			
40	QPSK	50	28	22.88	22.89	22.74	24.0	0.0	
40	QPSK	50	56	21.73	21.75	21.73	23.0	1.0	
40	QPSK	100	0	21.71	21.82	21.79			
40	16QAM	1	1	21.86	21.86	21.79	23.0	1.0	
40	64QAM	1	1	20.21	20.19	20.12	21.5	2.5	
40	256QAM	1	1	18.19	18.19	18.16	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.87	22.91	22.92	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.96	22.93	22.82	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.89	22.93	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.85	22.84	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.91	22.99	22.86	24.0	0.0	

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SW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch 1 Freq 516004	Power High Ch 1 Freq 516000	Power Low Ch 2 Freq 516996	Power High Ch 2 Freq 516996	Turn-up limit (dBm)	MPR (dB)
				2560.52	2560	2569.88	2569.88		
40	PI2 BPSK	1	1	20.61	20.73	20.71			
40	PI2 BPSK	1	53	20.65	20.68	20.62		22.0	0.0
40	PI2 BPSK	1	104	20.28	20.36	20.27			
40	PI2 BPSK	50	0	20.15	20.21	20.21		21.5	0.5
40	PI2 BPSK	50	28	20.57	20.61	20.24		22.0	0.5
40	PI2 BPSK	50	56	20.25	20.37	20.31		21.5	0.5
40	PI2 BPSK	100	0	20.21	20.33	20.25			
40	QPSK	1	1	20.60	20.74	20.71			
40	QPSK	1	53	20.63	20.71	21.42		22.0	0.0
40	QPSK	1	104	20.47	20.54	20.47			
40	QPSK	50	0	19.48	19.52	19.48			
40	QPSK	50	28	20.53	20.60	20.26		22.0	0.0
40	QPSK	50	56	19.48	19.55	19.48			
40	QPSK	100	0	19.71	19.73	19.68			
40	16QAM	1	1	18.61	18.69	18.68		21.0	1.0
40	64QAM	1	1	17.72	17.89	17.81		19.5	2.5
40	256QAM	1	1	16.78	16.84	16.71		17.0	4.5
	Channel			517002	518000	520096	520096	Turn-up limit (dBm)	
	Frequency (MHz)			2585.01	2595	2604.99	2604.99	Turn-up limit (dBm)	
30	QPSK	1	1	20.61	20.84	20.61		22.0	0.0
	Channel			517002	518000	522096	522096	Turn-up limit (dBm)	
	Frequency (MHz)			2582.52	2595	2607.48	2607.48	Turn-up limit (dBm)	
25	QPSK	1	1	20.48	20.61	20.55		22.0	0.0
	Channel			518000	519000	522096	522096	Turn-up limit (dBm)	
	Frequency (MHz)			2590	2595	2610	2610	Turn-up limit (dBm)	
20	QPSK	1	1	20.49	20.65	20.64		22.0	0.0
	Channel			518502	519000	522496	522496	Turn-up limit (dBm)	
	Frequency (MHz)			2617.51	2625	2632.49	2632.49	Turn-up limit (dBm)	
15	QPSK	1	1	20.46	20.63	20.51		22.0	0.0
	Channel			519004	519000	522996	522996	Turn-up limit (dBm)	
	Frequency (MHz)			2634.51	2635	2643.48	2643.48	Turn-up limit (dBm)	
10	QPSK	1	1	20.59	20.65	20.65		22.0	0.0

FCC_n41_Ant 2_PC3									
RFW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freqs	Power High Ch. Freqs	Power High Ch. Freqs	Tune-up limit (dBm)	MPR (dB)	
Channel									
100	PQ2 BPSK	1	1	22.92	22.92	22.92			
100	PQ2 BPSK	1	137	22.85	22.91	22.88	24.0	0.0	
100	PQ2 BPSK	136	0	22.73	22.86	22.85	24.0	0.0	
100	PQ2 BPSK	135	69	22.78	22.92	22.87	24.0	0.0	
100	PQ2 BPSK	135	136	22.87	22.94	22.77	24.0	0.0	
100	PQ2 BPSK	270	0	22.84	22.92	22.82	24.0	0.0	
100	QPSK	1	1	22.94	22.98	22.91			
100	QPSK	1	137	22.90	22.94	22.77	24.0	0.0	
100	QPSK	1	271	22.90	22.94	22.72			
100	QPSK	135	0	22.79	22.80	22.80			
100	QPSK	135	69	22.91	22.97	22.83	24.0	0.0	
100	QPSK	135	136	22.84	22.94	22.81			
100	QPSK	270	0	22.83	22.95	22.79	24.0	0.0	
100	16QAM	1	1	22.86	22.92	22.83	24.0	0.0	
100	64QAM	1	1	22.84	22.97	22.75	24.0	0.0	
100	256QAM	1	1	21.25	21.36	21.19	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.92	22.86	22.93	24.0	0.0	
Channel									
80	QPSK	1	1	22.92	22.86	22.88	24.0	0.0	
Channel									
70	QPSK	1	1	22.92	22.91	22.85	24.0	0.0	
Channel									
60	QPSK	1	1	22.82	22.85	22.87	24.0	0.0	
Channel									
50	QPSK	1	1	22.92	22.85	22.83	24.0	0.0	
Channel									
40	QPSK	1	1	22.81	22.92	22.80	24.0	0.0	
Channel									
30	QPSK	1	1	22.91	22.87	22.81	24.0	0.0	
Channel									
20	QPSK	1	1	22.92	22.93	22.86	24.0	0.0	
Channel									
10	QPSK	1	1	22.82	22.89	22.86	24.0	0.0	

FCC_n41_Ant 2_PC2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (dBm)	MPR (dB)		
Channel										
100	P2	BP8K	1	25.82	25.92	25.92				
100	P2	BP8K	1	25.84	25.90	25.82	27.0	0.0		
100	P2	BP8K	137	25.84	25.90	25.82				
100	P2	BP8K	137	25.82	25.40	25.29	26.5	0.5		
100	P2	BP8K	135	25.76	25.88	25.70	27.0	0.0		
100	P2	BP8K	155	25.76	25.90	25.70	27.0	0.0		
100	P2	BP8K	155	25.78	25.94	25.19	26.5	0.5		
100	P2	BP8K	270	0	25.18	25.31	25.19			
100	QPSK	1	1	25.01	25.08	25.08				
100	QPSK	1	1	25.78	25.88	25.78	27.0	0.0		
100	QPSK	1	271	25.78	25.72	25.59				
100	QPSK	135	0	24.84	24.90	24.74				
100	QPSK	135	69	25.74	25.85	25.67	27.0	0.0		
100	QPSK	135	135	24.54	24.63	24.53				
100	QPSK	270	0	24.65	24.75	24.85	26.0	1.0		
100	16QAM	1	0	24.65	24.69	24.57	26.0	1.0		
100	64QAM	1	1	23.31	23.44	23.27	24.5	2.5		
100	256QAM	1	1	21.21	21.28	21.11	22.5	4.5		
Channel										
Frequency (MHz)				3541	3549	3544	Turn-up time (dBm)	MPR (dB)		
90	QPSK	1	1	25.90	25.80	25.74	27.0	0.0		
Channel				507204	516998	505998	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				269249	269249	269449	27.0	0.0		
80	QPSK	1	1	25.78	25.88	25.88	27.0	0.0		
Channel				560602	516998	531000	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				253121	259249	259249	27.0	0.0		
70	QPSK	1	1	25.85	25.92	25.83	27.0	0.0		
Channel				505200	516998	505998	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				2626	269249	269598	27.0	0.0		
60	QPSK	1	1	25.83	25.87	25.85	27.0	0.0		
Channel				509200	516998	509200	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				252124	259249	260498	27.0	0.0		
50	QPSK	1	1	25.90	25.85	25.78	27.0	0.0		
Channel				563700	516998	533498	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				269121	269249	269749	27.0	0.0		
45	QPSK	1	1	25.87	25.79	25.66	27.0	0.0		
Channel				505202	516998	505200	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				241611	259249	260749	27.0	0.0		
40	QPSK	1	1	25.88	25.83	25.81	27.0	0.0		
Channel				509203	516998	509200	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				251312	259249	260749	27.0	0.0		
35	QPSK	1	1	25.85	25.80	25.80	27.0	0.0		
Channel				505200	516998	534998	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				269249	269249	269449	27.0	0.0		
30	QPSK	1	1	25.88	25.87	25.81	27.0	0.0		
Channel				507102	516998	535500	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				250831	259249	259755	27.0	0.0		
25	QPSK	1	1	25.84	25.81	25.78	27.0	0.0		
Channel				501204	516998	509598	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				250612	259249	267949	27.0	0.0		
20	QPSK	1	1	25.78	25.89	25.77	27.0	0.0		
Channel				505203	516998	505200	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				23033	259249	269248	27.0	0.0		
15	QPSK	1	1	25.89	25.93	25.75	27.0	0.0		
Channel				560002	516998	535000	Turn-up time (dBm)	MPR (dB)		
Frequency (MHz)				269121	269249	269449	27.0	0.0		
10	QPSK	1	1	25.83	25.88	25.80	27.0	0.0		

FCC_n41_Ant 8_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 580602	Power Middle Ch. / Freq. 518998	Power High Ch. / Freq. 530000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi2 BPSK	1	1	22.63	22.73	22.61	24.0	0.0	
100	Pi2 BPSK	1	137	22.67	22.66	22.55			
100	Pi2 BPSK	1	271	22.63	22.61	22.63			
100	Pi2 BPSK	135	0	22.70	22.74	22.63	24.0	0.0	
100	Pi2 BPSK	135	69	22.71	22.67	22.62	24.0	0.0	
100	Pi2 BPSK	135	135	22.71	22.61	22.56	24.0	0.0	
100	Pi2 BPSK	270	0	22.76	22.73	22.65			
100	QPSK	1	1	22.84	22.92	22.88			
100	QPSK	1	137	22.72	22.74	22.72	24.0	0.0	
100	QPSK	1	271	22.83	22.79	22.83	24.0	0.0	
100	QPSK	135	0	22.78	22.77	22.78			
100	QPSK	135	69	22.74	22.77	22.69			
100	QPSK	135	135	22.76	22.75	22.76	24.0	0.0	
100	QPSK	270	0	22.98	22.88	22.99	24.0	0.0	
100	16QAM	1	1	22.76	22.69	22.62	24.0	0.0	
100	16QAM	1	1	22.84	22.80	22.85	24.0	0.0	
100	256QAM	1	1	21.16	21.25	21.17	22.5	1.5	
Channel									
Frequency (MHz)				3541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	22.79	22.79	22.75	24.0	0.0	
Channel									
Frequency (MHz)				505204	518998	530998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	22.79	22.83	22.83	24.0	0.0	
Channel									
Frequency (MHz)				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	22.81	22.92	22.80	24.0	0.0	
Channel									
Frequency (MHz)				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	22.83	22.83	22.74	24.0	0.0	
Channel									
Frequency (MHz)				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	22.79	22.85	22.86	24.0	0.0	
Channel									
Frequency (MHz)				503700	518998	533496	Tune-up limit (dBm)	MPR (dB)	
45	QPSK	1	1	22.70	22.78	22.76	24.0	0.0	
Channel									
Frequency (MHz)				503002	518998	534000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	22.61	22.92	22.90	24.0	0.0	
Channel									
Frequency (MHz)				502204	518998	534998	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	22.83	22.84	22.87	24.0	0.0	
Channel									
Frequency (MHz)				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.81	22.90	22.88	24.0	0.0	
Channel									
Frequency (MHz)				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.81	22.77	22.79	24.0	0.0	
Channel									
Frequency (MHz)				501204	518998	535996	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.79	22.80	22.78	24.0	0.0	
Channel									
Frequency (MHz)				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.81	22.79	22.82	24.0	0.0	
Channel									
Frequency (MHz)				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.78	22.83	22.76	24.0	0.0	

FCC_n41_Ant 8_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 590020	Power Middle Ch. / Freq. 518998	Power High Ch. / Freq. 530000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi2 BPSK	1	1	25.65	25.79	25.63	27.0	0.0	
100	Pi2 BPSK	1	137	25.68	25.74	25.62			
100	Pi2 BPSK	135	0	25.10	25.23	25.09			
100	Pi2 BPSK	135	69	25.61	25.66	25.53	27.0	0.0	
100	Pi2 BPSK	135	135	25.01	25.04	24.93	26.5	0.5	
100	Pi2 BPSK	270	0	25.10	25.11	25.07			
100	QPSK	1	1	25.76	25.82	25.73			
100	QPSK	1	137	25.59	25.67	25.63	27.0	0.0	
100	QPSK	1	271	25.41	25.48	25.38	27.0	0.0	
100	QPSK	135	0	24.69	24.72	24.68			
100	QPSK	135	69	25.58	25.59	25.52			
100	QPSK	135	135	24.36	24.43	24.31	27.0	0.0	
100	QPSK	270	0	24.49	24.57	24.41	26.0	1.0	
100	16QAM	1	1	24.40	24.55	24.42	26.0	1.0	
100	64QAM	1	1	23.21	23.18	23.14	24.5	2.5	
100	256QAM	1	1	21.61	21.16	21.62	22.5	4.5	
Channel									
Frequency (MHz)				505201	518998	530000	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	25.75	25.78	25.70	27.0	0.0	
Channel									
Frequency (MHz)				507204	518998	530998	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	25.69	25.72	25.71	27.0	0.0	
Channel									
Frequency (MHz)				506202	518998	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	25.73	25.74	25.69	27.0	0.0	
Channel									
Frequency (MHz)				505200	518998	531996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	25.71	25.71	25.64	27.0	0.0	
Channel									
Frequency (MHz)				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	25.71	25.69	25.61	27.0	0.0	
Channel									
Frequency (MHz)				503700	518998	533498	Tune-up limit (dBm)	MPR (dB)	
45	QPSK	1	1	25.65	25.72	25.59	27.0	0.0	
Channel									
Frequency (MHz)				2518.01	2592.99	2640	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	25.62	25.72	25.65	27.0	0.0	
Channel									
Frequency (MHz)				501702	518998	534498	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	25.62	25.81	25.69	27.0	0.0	
Channel									
Frequency (MHz)				502200	518998	534996	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	25.67	25.73	25.62	27.0	0.0	
Channel									
Frequency (MHz)				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	25.65	25.61	25.70	27.0	0.0	
Channel									
Frequency (MHz)				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	25.68	25.62	25.79	27.0	0.0	
Channel									
Frequency (MHz)				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	25.73	25.76	25.59	27.0	0.0	
Channel									
Frequency (MHz)				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	25.64	25.74	25.58	27.0	0.0	

FCC_n41_Ant 9_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 590002	Power Middle Ch. / Freq. 518998	Power High Ch. / Freq. 530000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640.00			
100	Pi2 BPSK	1	1	22.86	22.89	22.85	24.0	0.0	
100	Pi2 BPSK	1	137	23.00	22.98	22.94			
100	Pi2 BPSK	135	0	22.84	22.81	22.81	24.0	0.0	
100	Pi2 BPSK	135	68	22.84	22.82	22.80	24.0	0.0	
100	Pi2 BPSK	135	138	22.80	22.80	22.87	24.0	0.0	
100	Pi2 BPSK	270	0	22.87	22.87	22.84			
100	QPSK	1	1	23.14	23.15	23.08			
100	QPSK	1	137	23.00	23.02	23.00	24.0	0.0	
100	QPSK	1	271	23.11	23.07	23.06			
100	QPSK	135	0	23.00	23.01	23.03			
100	QPSK	135	69	23.01	23.04	23.25		0.0	
100	QPSK	135	138	22.82	22.82	22.83			
100	QPSK	270	0	22.97	22.97	22.95	24.0	0.0	
100	16QAM	1	1	22.97	23.02	22.98	24.0	0.0	
100	64QAM	1	1	22.87	23.02	22.82	24.0	0.0	
100	256QAM	1	1	21.30	21.50	21.45	22.5	1.5	
Channel									
Frequency (MHz)				2541.26	2592.99	2644.98			
90	QPSK	1	1	23.07	23.05	22.98			
Channel				507294	518998	529988			
Frequency (MHz)				2592.99	2592.99	2649.99	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	23.03	22.95	22.95	24.0	0.0	
Channel				506902	518998	531000			
Frequency (MHz)				2531.01	2592.99	2651.00	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	23.01	22.83	22.81	24.0	0.0	
Channel				505520	518998	530995			
Frequency (MHz)				2526.26	2592.99	2659.98	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	23.03	23.00	22.98	24.0	0.0	
Channel				503196	518998	532006			
Frequency (MHz)				2521.02	2592.99	2664.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	22.98	23.08	22.99	24.0	0.0	
Channel				503790	518998	533496			
Frequency (MHz)				2509.15	2592.99	2669.16	Tune-up limit (dBm)	MPR (dB)	
45	QPSK	1	1	23.01	22.95	22.93	24.0	0.0	
Channel				503092	518998	534000			
Frequency (MHz)				2518.01	2592.99	2670.00	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	23.07	23.00	22.95	24.0	0.0	
Channel				502294	518998	534596			
Frequency (MHz)				2513.92	2592.99	2672.49	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	23.00	23.02	22.92	24.0	0.0	
Channel				502290	518998	534996			
Frequency (MHz)				2509.91	2592.99	2674.98	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.94	22.96	22.94	24.0	0.0	
Channel				501702	518998	535500			
Frequency (MHz)				2506.31	2592.99	2677.95	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	23.03	23.03	23.02	24.0	0.0	
Channel				501204	518998	535995			
Frequency (MHz)				2506.02	2592.99	2679.99	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.84	23.00	22.99	24.0	0.0	
Channel				500890	518998	536500			
Frequency (MHz)				2503.15	2592.99	2682.48	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.03	22.96	22.92	24.0	0.0	
Channel				500592	518998	537000			
Frequency (MHz)				2501.24	2592.99	2684.99	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.98	23.02	22.99	24.0	0.0	

FCC_n41_Ant 9_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	25.68	25.98	25.98			
100	P22 BPSK	1	137	25.02	25.98	25.94			
100	P22 BPSK	1	271	25.80	25.90	25.88	27.0	0.0	
100	P22 BPSK	135	0	25.46	25.47	25.39	26.5	0.5	
100	P22 BPSK	135	69	26.03	25.92	25.88	27.0	0.0	
100	P22 BPSK	135	138	25.41	25.37	25.32	26.5	0.5	
100	P22 BPSK	270	0	25.43	25.50	25.38			
100	QPSK	1	1	25.13	25.15	25.08			
100	QPSK	1	137	26.03	25.97	25.89			
100	QPSK	1	271	25.84	25.91	25.85	27.0	0.0	
100	QPSK	135	0	25.06	25.07	25.02			
100	QPSK	135	69	25.50	25.94	25.91	27.0	0.0	
100	QPSK	135	138	24.70	24.75	24.68			
100	QPSK	270	0	24.92	24.95	24.86	26.0	1.0	
100	16QAM	1	1	24.78	24.82	24.68	26.0	1.0	
100	64QAM	1	1	23.50	23.53	23.57	24.5	2.5	
100	256QAM	1	1	21.34	21.45	21.40	22.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.98	26.09	26.06	27.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.01	26.00	25.95	27.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.09	26.11	26.03	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.07	26.10	26.07	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.07	26.10	26.07	27.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	26.05	26.10	26.07	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.07	26.10	26.07	27.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	26.04	26.05	26.02	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.04	26.04	26.03	27.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.99	26.04	25.95	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.98	26.10	26.06	27.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.02	26.09	26.03	27.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.03	26.05	26.06	27.0	0.0	

FCC_n41_Ant 6_PC3									
BW (MHz)	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	P22 BPSK	1	1	20.22	20.54	20.66			
100	P22 BPSK	1	137	20.63	20.46	20.78			
100	P22 BPSK	1	271	20.67	20.88	20.81	22.0	0.0	
100	P22 BPSK	135	0	20.38	20.65	20.75	22.0	0.0	
100	P22 BPSK	135	69	20.61	20.78	20.86	22.0	0.0	
100	P22 BPSK	135	138	20.65	20.41	20.91	22.0	0.0	
100	P22 BPSK	270	0	20.58	20.77	20.53			
100	QPSK	1	1	20.29	20.41	20.61			
100	QPSK	1	137	20.61	20.95	20.96			
100	QPSK	1	271	20.69	20.87	20.90	22.0	0.0	
100	QPSK	135	0	20.38	20.45	20.78			
100	QPSK	135	69	20.72	20.92	20.89	22.0	0.0	
100	QPSK	135	138	20.52	20.81	20.81			
100	QPSK	270	0	20.68	20.85	20.85	22.0	0.0	
100	16QAM	1	137	20.62	20.76	20.76	22.0	0.0	
100	64QAM	1	137	19.88	20.11	20.33	21.5	0.5	
100	256QAM	1	137	17.61	18.12	18.32	19.5	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.55	20.92	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.64	20.84	20.78	22.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.61	20.83	20.80	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.65	20.73	20.73	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.59	20.73	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	20.71	20.87	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.63	20.91	20.77	22.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	20.69	20.83	20.90	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.61	20.85	20.84	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.68	20.89	20.87	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.61	20.88	20.80	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.76	20.79	20.86	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.74	20.88	20.83	22.0	0.0	

FCC_n41_Ant 6_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	22.31	22.46	22.73			
100	P22 BPSK	1	137	22.46	22.88	22.91	24.0	0.0	
100	P22 BPSK	1	271	22.78	22.91	22.63			
100	P22 BPSK	135	0	21.78	21.93	22.41	23.5	0.5	
100	P22 BPSK	135	69	22.31	22.78	22.81	24.0	0.0	
100	P22 BPSK	135	138	22.15	22.31	22.61	23.5	0.5	
100	P22 BPSK	270	0	21.89	22.25	22.48			
100	QPSK	1	1	22.21	22.52	22.72			
100	QPSK	1	137	22.65	22.96	22.98	24.0	0.0	
100	QPSK	1	271	22.91	22.94	22.49			
100	QPSK	135	0	21.37	21.78	21.89			
100	QPSK	135	69	22.42	22.89	22.91	24.0	0.0	
100	QPSK	135	138	21.55	21.91	21.91			
100	QPSK	270	0	21.33	21.86	21.91	23.0	1.0	
100	16QAM	1	137	21.42	21.84	21.86	23.0	1.0	
100	64QAM	1	137	19.76	20.15	20.44	21.5	2.5	
100	256QAM	1	137	17.85	18.15	18.42	19.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.50	22.78	22.77	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	50.024	51.898	52.998	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.48	22.79	22.80	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.511	22.929	22.91	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.53	22.91	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.56	22.96	22.98	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.53	22.85	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.524	22.936	22.976	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.521	22.952	22.964	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.48	22.91	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	50.070	51.898	53.046	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
45	QPSK	1	1	22.50	22.88	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	50.002	51.898	53.004	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.516	22.92	22.90	24.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.524	22.936	22.948	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
35	QPSK	1	1	22.62	22.79	22.79	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.520	22.92	22.86	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	50.102	51.898	53.050	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.503	22.929	22.975	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	50.124	51.898	53.098	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.506	22.952	22.979	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.61	22.80	22.75	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	50.050	51.898	53.056	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.603	22.959	22.982	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.60	22.78	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	50.002	51.898	53.006	Tune-up limit (dBm)	MPR	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.54	22.77	22.78	24.0	0.0	

Part270_n77_Ant 11_PC3									
BW (MHz)	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	P2 PSK	1	1	23.01	23.00	22.74	24.0	0.0	
100	P2 PSK	1	137	22.96	23.04	22.80			
100	P2 PSK	1	271	22.96	23.13	22.70			
100	P2 PSK	135	0	23.07	23.11	22.76			
100	P2 PSK	135	69	23.05	23.10	22.75	24.0	0.0	
100	P2 PSK	135	138	22.96	23.00	22.65	24.0	0.0	
100	P2 PSK	270	0	23.01	23.13	22.74	24.0	0.0	
100	QPSK	1	1	23.22	23.27	23.04	24.0	0.0	
100	QPSK	1	137	23.16	23.14	22.71			
100	QPSK	1	271	23.12	23.24	22.77			
100	QPSK	135	0	23.07	23.04	22.79			
100	QPSK	135	69	23.05	23.10	22.81	24.0	0.0	
100	QPSK	135	138	23.01	23.05	22.67	24.0	0.0	
100	QPSK	270	0	22.94	23.15	22.69	24.0	0.0	
100	16QAM	1	1	23.07	23.06	22.77	24.0	0.0	
100	64QAM	1	1	22.96	23.04	22.66	24.0	0.0	
100	256QAM	1	1	23.64	23.70	23.19	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.10	23.15	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.12	23.17	22.83	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.18	23.21	22.76	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.21	23.21	22.77	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.14	23.19	22.73	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.08	23.26	22.71	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.15	23.20	22.76	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.13	23.24	22.79	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.10	23.10	22.73	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.20	23.23	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.07	23.25	22.71	24.0	0.0	

Part270_n77_Ant 11_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	26.28	26.25	25.71	27.0	0.0	
100	P2 PSK	1	137	26.10	26.24	25.64			
100	P2 PSK	1	271	26.17	26.23	25.63			
100	P2 PSK	135	0	25.78	25.83	25.27			
100	P2 PSK	135	69	26.17	26.15	25.57	27.0	0.0	
100	P2 PSK	135	138	25.63	25.75	25.20	26.5	0.5	
100	P2 PSK	270	0	25.68	25.77	25.11	26.5	0.5	
100	QPSK	1	1	26.30	26.41	25.69	27.0	0.0	
100	QPSK	1	137	26.10	26.21	25.65			
100	QPSK	1	271	26.21	26.24	25.66			
100	QPSK	135	0	25.47	25.43	24.86			
100	QPSK	135	69	26.34	26.35	25.63	27.0	0.0	
100	QPSK	135	138	25.34	25.45	24.81	26.0	1.0	
100	QPSK	270	0	25.24	25.37	24.86	26.0	1.0	
100	16QAM	1	1	25.31	25.37	24.89	26.0	1.0	
100	64QAM	1	1	23.86	23.73	23.20	24.5	2.5	
100	256QAM	1	1	23.64	23.70	23.19	22.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	26.33	26.31	25.72	27.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.25	26.32	25.85	27.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.34	26.32	25.73	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.24	26.25	25.54	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.33	26.30	25.72	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.28	26.36	25.81	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.31	26.27	25.82	27.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	26.30	26.26	25.80	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.30	26.29	25.81	27.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.30	26.29	25.71	27.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.26	26.32	25.75	27.0	0.0	

Part270_n78_Ant 4_PC3									
BW (MHz)	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	P2 BPSK	1	1		22.78		24.0	0.0	
100	P2 BPSK	1	137		22.83				
100	P2 BPSK	1	271		22.89				
100	P2 BPSK	135	0		22.89				
100	P2 BPSK	135	69		22.81		24.0	0.0	
100	P2 BPSK	135	138		22.88		24.0	0.0	
100	P2 BPSK	270	0		22.89		24.0	0.0	
100	QPSK	1	1		23.01		24.0	0.0	
100	QPSK	1	137		22.93				
100	QPSK	1	271		22.88				
100	QPSK	135	0		22.89				
100	QPSK	135	69		22.92		24.0	0.0	
100	QPSK	135	138		22.78		24.0	0.0	
100	QPSK	270	0		22.78		24.0	0.0	
100	16QAM	1	1		22.89		24.0	0.0	
100	64QAM	1	1		22.86		24.0	0.0	
100	256QAM	1	1		23.52		22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.86	22.97	22.92	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.96	22.95	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.99	22.87	22.93	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.99	22.85	22.87	24.0	1.5	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.88	22.92	22.88	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.87	22.96	22.96	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.97	22.96	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.00	22.92	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.97	22.96	22.89	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.88	22.93	22.97	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.02	22.90	22.95	24.0	0.0	

Part270_n78_Ant 4_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	26.00			27.0	0.0	
100	P22 BPSK	1	137	26.06					
100	P22 BPSK	1	271	26.00					
100	P22 BPSK	138	0	25.48					
100	P22 BPSK	135	69	25.87			27.0	0.0	
100	P22 BPSK	135	138	25.48			26.5	0.5	
100	P22 BPSK	270	0	25.45					
100	QPSK	1	1	26.15					
100	QPSK	1	137	25.95					
100	QPSK	1	271	25.87			27.0	0.0	
100	QPSK	135	0	25.07			27.0	0.0	
100	QPSK	135	69	25.94					
100	QPSK	135	138	24.90					
100	QPSK	270	0	25.85					
100	16QAM	1	1	25.19			26.0	1.0	
100	64QAM	1	1	23.55			24.5	2.5	
100	256QAM	1	1	21.52			22.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	26.14	26.01	26.14	27.0	0.0	MPR
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.02	26.04	26.10	27.0	0.0	MPR
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.11	26.05	26.08	27.0	0.0	MPR
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.10	26.04	26.04	27.0	0.0	MPR
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.01	26.00	26.11	27.0	0.0	MPR
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.06	26.07	26.05	27.0	0.0	MPR
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.07	26.12	26.12	27.0	0.0	MPR
Channel									
Frequency (MHz)									
25	QPSK	1	1	26.03	26.06	26.03	27.0	0.0	MPR
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.07	26.12	26.03	27.0	0.0	MPR
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.07	26.10	26.07	27.0	0.0	MPR
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.13	26.11	26.14	27.0	0.0	MPR

Part270_n78_Ant 5_PC3									
BW (MHz)	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	P22 BPSK	1	1	23.61	23.61		24.0	0.0	
100	P22 BPSK	1	137	23.50	23.50				
100	P22 BPSK	1	271	23.53	23.53				
100	P22 BPSK	135	0	23.52	23.52		24.0	0.0	
100	P22 BPSK	135	69	23.48	23.48		24.0	0.0	
100	P22 BPSK	270	0	23.53	23.53				
100	QPSK	1	1	23.68	23.68				
100	QPSK	1	137	23.59	23.59				
100	QPSK	1	271	23.64	23.64		24.0	0.0	
100	QPSK	135	0	23.47	23.47				
100	QPSK	135	69	23.62	23.62				
100	QPSK	135	138	23.54	23.54		24.0	0.0	
100	QPSK	270	0	23.54	23.54				
100	16QAM	1	1	23.48	23.48		24.0	0.0	
100	64QAM	1	1	23.50	23.50		24.0	0.0	
100	256QAM	1	1	22.16	22.16		22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.60	23.54	23.59	24.0		MPR (dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.61	23.63	23.59	24.0		MPR (dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.53	23.53	23.58	24.0		MPR (dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.64	23.61	23.61	24.0		MPR (dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.55	23.55	23.64	24.0		MPR (dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.55	23.67	23.66	24.0		MPR (dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.63	23.67	23.65	24.0		MPR (dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.64	23.58	23.65	24.0		MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.59	23.64	23.63	24.0		MPR (dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.54	23.65	23.62	24.0		MPR (dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.66	23.62	23.66	24.0		MPR (dB)

Part270_n78_Ant 5_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	26.68	26.68		27.0	0.0	
100	P22 BPSK	1	137	26.62	26.62				
100	P22 BPSK	1	271	26.64	26.64				
100	P22 BPSK	135	0	26.19	26.19		26.5	0.5	
100	P22 BPSK	135	69	26.47	26.47		27.0	0.0	
100	P22 BPSK	135	138	26.12	26.12				
100	P22 BPSK	270	0	26.05	26.05				
100	QPSK	1	1	26.76	26.76				
100	QPSK	1	137	26.68	26.68		27.0	0.0	
100	QPSK	1	271	26.56	26.56				
100	QPSK	135	0	25.55	25.55				
100	QPSK	135	69	26.51	26.51		27.0	0.0	
100	QPSK	135	138	25.44	25.44		28.0	1.0	
100	QPSK	270	0	25.44	25.44				
100	16QAM	1	1	25.74	25.74		26.0	1.0	
100	64QAM	1	1	24.09	24.09		24.5	2.5	
100	256QAM	1	1	22.11	22.11		22.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	26.64	26.64	26.62	27.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.73	26.63	26.65	27.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.90	26.90	26.88	27.0	0.0	
70	QPSK	1	1	26.75	26.71	26.69	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	27.00	26.93	26.93	27.0	1.0	
60	QPSK	1	1	26.82	26.68	26.75	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.83	26.68	26.75	27.0	0.0	
50	QPSK	1	1	27.25	27.01	27.09	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.71	26.64	26.64	27.0	0.0	
40	QPSK	1	1	26.60	26.50	26.50	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.68	26.50	26.50	27.0	0.0	
30	QPSK	1	1	27.13	27.02	27.09	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.67	26.50	26.50	27.0	0.0	
20	QPSK	1	1	26.70	26.50	26.50	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	27.10	27.01	27.09	27.0	0.0	
20	QPSK	1	1	26.74	26.61	26.67	27.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.68	26.48	26.48	27.0	0.0	
15	QPSK	1	1	26.82	26.68	26.84	27.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.70	26.50	26.50	27.0	0.0	
10	QPSK	1	1	27.02	27.02	27.02	27.0	0.0	

Part270_n78_Ant 7_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		22.86		24.0	0.0	
100	PI2 BPSK	1	137		22.86				
100	PI2 BPSK	1	271		22.85				
100	PI2 BPSK	135	0		22.91		24.0	0.0	
100	PI2 BPSK	135	69		22.90		24.0	0.0	
100	PI2 BPSK	135	138		22.92		24.0	0.0	
100	PI2 BPSK	270	0		22.91		24.0	0.0	
100	QPSK	1	1		22.89		24.0	0.0	
100	QPSK	1	137		22.85				
100	QPSK	1	271		22.85				
100	QPSK	135	0		22.88		24.0	0.0	
100	QPSK	135	69		22.96				
100	QPSK	135	138		22.95				
100	QPSK	270	0		22.93		24.0	0.0	
100	16QAM	1	1		22.88		24.0	0.0	
100	64QAM	1	1		22.83		24.0	0.0	
100	256QAM	1	1		21.33		22.5	1.5	
Channel									
Frequency (MHz)									
3745.02									
90	QPSK	1	1		22.89	22.94	22.90	24.0	0.0
Channel									
Frequency (MHz)									
3740.01									
80	QPSK	1	1		22.98	22.91	22.98	24.0	0.0
Channel									
Frequency (MHz)									
3740.01									
70	QPSK	1	1		22.97	22.92	22.92	24.0	0.0
Channel									
Frequency (MHz)									
3740.01									
60	QPSK	1	1		22.91	22.94	22.92	24.0	0.0
Channel									
Frequency (MHz)									
3740.01									
50	QPSK	1	1		22.94	22.91	22.94	24.0	0.0
Channel									
Frequency (MHz)									
3720									
40	QPSK	1	1		22.84	22.93	22.95	24.0	0.0
Channel									
Frequency (MHz)									
3715.02									
30	QPSK	1	1		22.91	22.85	22.97	24.0	0.0
Channel									
Frequency (MHz)									
3715.02									
25	QPSK	1	1		22.90	22.94	22.85	24.0	0.0
Channel									
Frequency (MHz)									
3710.01									
20	QPSK	1	1		22.87	22.98	22.94	24.0	0.0
Channel									
Frequency (MHz)									
3707.52									
15	QPSK	1	1		22.94	22.91	22.97	24.0	0.0
Channel									
Frequency (MHz)									
3705									
10	QPSK	1	1		22.97	22.85	22.92	24.0	0.0

Part270_n78_Ant 7_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	PI2 BPSK	1	1		25.88		27.0	0.0	
100	PI2 BPSK	1	137		25.91				
100	PI2 BPSK	1	271		25.87				
100	PI2 BPSK	135	0		25.41		26.5	0.0	
100	PI2 BPSK	135	69		25.76		27.0	0.0	
100	PI2 BPSK	135	138		25.35		26.5	0.5	
100	PI2 BPSK	270	0		25.31		27.0	0.0	
100	QPSK	1	1		25.85				
100	QPSK	1	137		25.85				
100	QPSK	1	271		25.90		27.0	0.0	
100	QPSK	135	0		24.83				
100	QPSK	135	69		25.94				
100	QPSK	135	138		24.81		26.0	1.0	
100	QPSK	270	0		25.91		26.0	1.0	
100	16QAM	1	1		25.08		24.5	2.5	
100	64QAM	1	1		23.45		24.5	2.5	
100	256QAM	1	1		21.33		22.5	4.5	
Channel									
Frequency (MHz)									
3745.02									
90	QPSK	1	1		25.94	26.00	25.89	27.0	0.0
Channel									
Frequency (MHz)									
3740.01									
80	QPSK	1	1		25.99	25.91	25.95	27.0	0.0
Channel									
Frequency (MHz)									
3740.01									
70	QPSK	1	1		25.95	25.93	25.99	27.0	0.0
Channel									
Frequency (MHz)									
3740.01									
60	QPSK	1	1		25.91	25.94	26.01	27.0	0.0
Channel									
Frequency (MHz)									
3725.01									
50	QPSK	1	1		26.03	25.89	25.96	27.0	0.0
Channel									
Frequency (MHz)									
3720									
40	QPSK	1	1		25.97	26.02	25.96	27.0	0.0
Channel									
Frequency (MHz)									
3715.02									
30	QPSK	1	1		25.98	26.02	25.90	27.0	0.0
Channel									
Frequency (MHz)									
3715.02									
25	QPSK	1	1		25.90	26.03	25.92	27.0	0.0
Channel									
Frequency (MHz)									
3710.01									
20	QPSK	1	1		25.95	25.90	26.00	27.0	0.0
Channel									
Frequency (MHz)									
3707.52									
15	QPSK	1	1		25.96	25.98	25.91	27.0	0.0
Channel									
Frequency (MHz)									
3705									
10	QPSK	1	1		25.89	25.95	26.02	27.0	0.0

Part270_n78_Ant 11_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		23.12		24.0	0.0	
100	PI2 BPSK	1	137		23.11				
100	PI2 BPSK	1	271		23.12				
100	PI2 BPSK	135	0		23.10				
100	PI2 BPSK	135	69		22.99		24.0	0.0	
100	PI2 BPSK	135	138		23.00		24.0	0.0	
100	PI2 BPSK	270	0		23.07				
100	QPSK	1	1		23.23				
100	QPSK	1	137		23.17				
100	QPSK	1	271		23.16		24.0	0.0	
100	QPSK	135	0		23.12		24.0	0.0	
100	QPSK	135	69		23.13				
100	QPSK	135	138		23.01				
100	QPSK	270	0		23.05				
100	16QAM	1	1		23.05		24.0	0.0	
100	64QAM	1	1		22.98		24.0	0.0	
100	256QAM	1	1		21.70		22.5	1.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		23.16	23.11	23.22	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		23.18	23.17	23.22	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3734	3750	3766			
70	QPSK	1	1		23.20	23.21	23.11	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		23.09	23.20	23.16	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		23.12	23.09	23.11	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		23.14	23.09	23.17	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		23.17	23.19	23.16	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
25	QPSK	1	1		23.14	23.09	23.10	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
20	QPSK	1	1		23.22	23.09	23.18	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
15	QPSK	1	1		23.13	23.17	23.08	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
10	QPSK	1	1		23.17	23.18	23.14	24.0	0.0

Part270_n78_Ant 11_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		26.25		27.0	0.0	
100	PI2 BPSK	1	137		26.18				
100	PI2 BPSK	1	271		26.12				
100	PI2 BPSK	135	0		25.66		26.5	0.0	
100	PI2 BPSK	135	69		26.13		27.0	0.0	
100	PI2 BPSK	135	138		25.58		26.5	0.5	
100	PI2 BPSK	270	0		25.56				
100	QPSK	1	1		26.31				
100	QPSK	1	137		26.10				
100	QPSK	1	271		26.12		27.0	0.0	
100	QPSK	135	0		25.12		27.0	0.0	
100	QPSK	135	69		26.10				
100	QPSK	135	138		25.10				
100	QPSK	270	0		25.02				
100	16QAM	1	1		25.34		26.0	1.0	
100	64QAM	1	1		23.66		24.5	2.5	
100	256QAM	1	1		24.70		22.5	4.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		26.26	26.19	26.20	27.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		26.20	26.29	26.18	27.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3734	3750	3766			
70	QPSK	1	1		26.22	26.21	26.25	27.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		26.26	26.20	26.23	27.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		26.20	26.29	26.19	27.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		26.29	26.26	26.30	27.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		26.19	26.18	26.19	27.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
25	QPSK	1	1		26.21	26.27	26.23	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
20	QPSK	1	1		26.30	26.20	26.20	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
15	QPSK	1	1		26.24	26.28	26.25	27.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	1		26.26	26.23	26.17	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 374000	Power Middle Ch. / Freq 376000	Power High Ch. / Freq 378000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	PQ2 BPSK	1	1	22.93	22.91	22.82	24.0	0.0			
40	PQ2 BPSK	1	108	22.86	22.89	22.73					
40	PQ2 BPSK	1	214	22.85	22.83	22.72					
40	PQ2 BPSK	108	0	22.39	22.42	22.25	23.5	0.5			
40	PQ2 BPSK	108	54	22.87	22.86	22.65					
40	PQ2 BPSK	108	108	22.30	22.35	22.21					
40	PQ2 BPSK	216	0	22.34	22.33	22.18	23.5	0.5			
40	QPSK	1	1	22.94	22.99	22.91					
40	QPSK	1	108	22.80	22.84	22.62					
40	QPSK	1	214	22.94	22.93	22.74	24.0	0.0			
40	QPSK	108	0	21.82	21.86	21.72					
40	QPSK	108	54	22.94	22.87	22.64					
40	QPSK	108	108	21.74	21.76	21.61	24.0	0.0			
40	QPSK	216	0	21.71	21.78	21.56					
40	16QAM	1	1	22.01	22.02	21.81					
40	64QAM	1	1	20.10	20.15	20.01	23.0	1.0			
40	256QAM	1	1	18.07	18.07	17.86					
Channel											
Frequency (MHz)											
35	QPSK	1	1	1867.5	1880	1892.5	Tune-up limit (dBm)	MPR (dB)			
35	QPSK	1	1	22.79	22.89	22.77	24.0	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	1865	1880	1895	Tune-up limit (dBm)	MPR (dB)			
30	QPSK	1	1	22.80	22.96	22.82	24.0	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	1862.5	1880	1897.5	Tune-up limit (dBm)	MPR (dB)			
25	QPSK	1	1	22.87	22.90	22.77	24.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	1860	1880	1900	Tune-up limit (dBm)	MPR (dB)			
20	QPSK	1	1	22.87	22.95	22.86	24.0	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	1	22.91	22.98	22.89	24.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	1855	1880	1905	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	1	22.79	22.89	22.84	24.0	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	1	22.79	22.95	22.78	24.0	0.0			

Reduced Power Mode for ECI 2											
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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 374000	Power Middle Ch. / Freq 376000	Power High Ch. / Freq 378000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	P2 BPSK	1	1	17.65	17.62	17.63	18.5	0.0			
40	P2 BPSK	1	108	17.60	17.61	17.54					
40	P2 BPSK	1	214	17.67	17.62	17.60					
40	P2 BPSK	108	0	17.64	17.65	17.58	18.5	0.0			
40	P2 BPSK	108	54	17.66	17.61	17.50					
40	P2 BPSK	108	108	17.66	17.66	17.65					
40	P2 BPSK	216	0	17.67	17.70	17.62	18.5	0.0			
40	QPSK	1	1	17.74	17.76	17.72					
40	QPSK	1	108	17.60	17.66	17.63					
40	QPSK	1	214	17.67	17.65	17.64	18.5	0.0			
40	QPSK	108	0	17.63	17.65	17.62					
40	QPSK	108	54	17.65	17.72	17.65					
40	QPSK	108	108	17.59	17.68	17.58	18.5	0.0			
40	QPSK	216	0	17.61	17.66	17.61					
40	16QAM	1	1	17.64	17.66	17.65	18.5	0.0			
40	64QAM	1	1	17.66	17.62	17.65					
40	256QAM	1	1	17.59	17.69	17.56					
Channel											
Frequency (MHz)											
35	QPSK	1	1	17.72	17.75	17.66	Tune-up limit (dBm)	MPR (dB)			
35	QPSK	1	1	17.59	17.69	17.56	18.5	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	17.65	17.72	17.68	Tune-up limit (dBm)	MPR (dB)			
30	QPSK	1	1	17.59	17.69	17.56	18.5	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	17.73	17.69	17.67	Tune-up limit (dBm)	MPR (dB)			
25	QPSK	1	1	17.60	17.60	17.60	18.5	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	17.65	17.68	17.63	Tune-up limit (dBm)	MPR (dB)			
20	QPSK	1	1	17.50	17.60	17.50	18.5	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	1857.5	1880	1902.5	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	1	17.70	17.68	17.68	18.5	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	1855	1880	1905	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	1	17.72	17.75	17.67	18.5	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	1	17.67	17.71	17.68	18.5	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	18.56	18.62	18.56	19.5	0.0	
40	Pl2 BPSK	1	108	18.60	18.62	18.53			
40	Pl2 BPSK	1	214	18.55	18.65	18.62			
40	Pl2 BPSK	108	0	18.60	18.62	18.55	19.5	0.0	
40	Pl2 BPSK	108	54	18.58	18.58	18.58			
40	Pl2 BPSK	108	108	18.63	18.65	18.60			
40	Pl2 BPSK	216	0	18.63	18.65	18.61	19.5	0.0	
40	QPSK	1	1	18.72	18.73	18.65			
40	QPSK	1	108	18.58	18.63	18.59			
40	QPSK	1	214	18.59	18.59	18.57	19.5	0.0	
40	QPSK	108	0	18.59	18.66	18.60			
40	QPSK	108	54	18.60	18.68	18.62			
40	QPSK	108	108	18.57	18.62	18.59	19.5	0.0	
40	QPSK	216	0	18.60	18.64	18.62			
40	16QAM	1	1	18.62	18.58	18.58			
40	64QAM	1	1	18.61	18.62	18.56	19.5	0.0	
40	256QAM	1	1	17.91	17.94	17.85			
Channel									
Frequency (MHz)									
35	QPSK	1	1	18.69	18.72	18.60	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	18.69	18.72	18.60	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.66	18.63	18.54	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	18.66	18.63	18.54	18.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.68	18.64	18.52	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	18.68	18.64	18.52	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.75	18.80	18.65	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	18.75	18.80	18.65	18.50	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.77	18.86	18.56	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	18.77	18.86	18.56	18.50	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	18.83	18.70	18.56	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	18.83	18.70	18.56	18.5	0.0	
Channel									
Frequency (MHz)									

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166900	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	838			
Frequency (MHz)				834	836.5	838			
20	PI2 BPSK	1	1	22.61	22.62	22.61			
20	PI2 BPSK	1	53	22.59	22.61	22.65	24.0	0.0	
20	PI2 BPSK	1	104	22.59	22.79	22.63			
20	PI2 BPSK	50	0	21.99	22.16	22.01	23.5	0.5	
20	PI2 BPSK	50	28	22.54	22.77	22.56	24.0	0.0	
20	PI2 BPSK	50	56	22.00	22.24	22.02			
20	PI2 BPSK	100	0	22.01	22.21	22.08	23.5	0.5	
20	QPSK	1	1	22.49	22.63	22.75			
20	QPSK	1	53	22.47	22.71	22.50	24.0	0.0	
20	QPSK	1	104	22.57	22.75	22.59			
20	QPSK	50	0	21.45	21.75	21.50	23.0	1.0	
20	QPSK	50	28	22.50	22.71	22.58	24.0	0.0	
20	QPSK	50	56	21.46	21.69	21.47			
20	QPSK	100	0	21.57	21.68	21.49	23.0	1.0	
20	16QAM	1	1	21.78	22.05	21.89	23.0	1.0	
20	64QAM	1	1	19.80	20.05	19.86	21.5	2.5	
20	256QAM	1	1	18.00	18.25	18.11	19.5	4.5	
Channel				166300	167200	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.58	22.70	22.68	24.0	0.0	
Channel				165500	167500	168500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.61	22.78	22.70	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				828.5	836.5	846.5			
5	QPSK	1	1	22.61	22.81	22.69	24.0	0.0	

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166900	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	838			
Frequency (MHz)				834	836.5	838			
20	PI2 BPSK	1	1	22.46	22.49	22.52			
20	PI2 BPSK	1	53	22.47	22.49	22.44	24.0	0.0	
20	PI2 BPSK	1	104	22.53	22.54	22.48			
20	PI2 BPSK	50	0	21.84	21.83	21.76	23.5	0.5	
20	PI2 BPSK	50	28	22.45	22.44	22.33	24.0	0.0	
20	PI2 BPSK	50	56	21.84	21.92	21.83			
20	PI2 BPSK	100	0	21.90	21.93	21.90	23.5	0.5	
20	QPSK	1	1	22.59	22.61	22.54			
20	QPSK	1	53	22.31	22.48	22.27	24.0	0.0	
20	QPSK	1	104	22.39	22.45	22.40			
20	QPSK	50	0	21.45	21.45	21.38	23.0	1.0	
20	QPSK	50	28	22.45	22.46	22.33	24.0	0.0	
20	QPSK	50	56	21.35	21.40	21.31			
20	QPSK	100	0	21.31	21.40	21.37	23.0	1.0	
20	16QAM	1	1	21.77	21.71	21.75	23.0	1.0	
20	64QAM	1	1	19.66	19.62	19.73	21.5	2.5	
20	256QAM	1	1	17.95	17.91	17.83	19.5	4.5	
Channel				166300	167200	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.52	22.59	22.43	24.0	0.0	
Channel				165500	167500	168500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.50	22.54	22.49	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				828.5	836.5	846.5			
5	QPSK	1	1	22.47	22.47	22.42	24.0	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 506000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 507500	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545			
Frequency (MHz)				2525	2535	2545			
50	PI2 BPSK	1	1	22.86	22.90	22.86			
50	PI2 BPSK	1	156	22.79	22.88	22.77	24.0	0.0	
50	PI2 BPSK	1	288	22.80	22.83	22.77			
50	PI2 BPSK	136	0	22.20	22.25	22.19	23.5	0.5	
50	PI2 BPSK	136	68	22.73	22.78	22.74	24.0	0.0	
50	PI2 BPSK	136	136	22.29	22.29	22.18			
50	PI2 BPSK	270	0	22.15	22.30	22.12	23.5	0.5	
50	QPSK	1	1	22.91	22.96	22.89			
50	QPSK	1	136	22.73	22.83	22.75	24.0	0.0	
50	QPSK	1	288	22.70	22.82	22.69			
50	QPSK	136	0	21.80	21.91	21.89	23.0	1.0	
50	QPSK	136	68	22.80	22.85	22.79	24.0	0.0	
50	QPSK	136	136	21.80	21.77	21.84			
50	QPSK	270	0	21.71	21.84	21.78	23.0	1.0	
50	16QAM	1	1	21.88	22.04	21.96	23.0	1.0	
50	64QAM	1	1	20.10	20.08	20.06	21.5	2.5	
50	256QAM	1	1	18.30	18.37	18.29	19.5	4.5	
Channel				506000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	22.87	22.94	22.80	24.0	0.0	
Channel				505500	507000	510500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	22.85	22.88	22.83	24.0	0.0	
Channel				505000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
30	QPSK	1	1	22.82	22.95	22.77	24.0	0.0	
Channel				502000	507000	511900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2567.5			
25	QPSK	1	1	22.81	22.85	22.79	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	22.80	22.81	22.88	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	22.90	22.86	22.78	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	22.84	22.92	22.81	24.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	22.90	22.93	22.78	24.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				2525	2535	2545					
50	Pl2 BPSK	1	1	16.10	16.17	16.10	17.0	0.0			
50	Pl2 BPSK	1	135	16.09	16.08	16.03					
50	Pl2 BPSK	1	268	16.08	16.17	16.02					
50	Pl2 BPSK	135	0	16.09	16.10	16.11	17.0	0.0			
50	Pl2 BPSK	135	66	16.07	16.16	16.06	17.0	0.0			
50	Pl2 BPSK	135	135	16.04	16.14	16.02	17.0	0.0			
50	Pl2 BPSK	270	0	16.08	16.14	16.04	17.0	0.0			
50	QPSK	1	1	16.16	16.18	16.13					
50	QPSK	1	135	16.07	16.11	16.02					
50	QPSK	1	268	16.06	16.14	16.11	17.0	0.0			
50	QPSK	135	0	16.05	16.08	16.02					
50	QPSK	135	66	16.09	16.16	16.07					
50	QPSK	135	135	16.07	16.08	16.04	17.0	0.0			
50	QPSK	270	0	16.06	16.12	16.08	17.0	0.0			
50	16QAM	1	1	16.05	16.09	16.07					
50	64QAM	1	1	16.11	16.17	16.07					
50	256QAM	1	1	16.10	16.10	16.07	17.0	0.0			
Channel											
Frequency (MHz)				504000	505000	510000	Tune-up limit (dBm)			MPR (dB)	
40	QPSK	1	1	2520	2535	2550	17.0	0.0			
Channel											
Frequency (MHz)				2517.5 <td>2535</td> <td>2552.5</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	2535	2552.5	Tune-up limit (dBm)			MPR (dB)	
35	QPSK	1	1	16.15	16.16	16.09	17.0	0.0			
Channel											
Frequency (MHz)				507000 <td>507000</td> <td>511000</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	511000	Tune-up limit (dBm)	MPR (dB)			
30	QPSK	1	1	16.14	16.16	16.12	17.0	0.0			
Channel											
Frequency (MHz)				502000 <td>507000</td> <td>511500</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	511500	Tune-up limit (dBm)	MPR (dB)			
25	QPSK	1	1	2525	2535	2552.5	17.0	0.0			
Channel											
Frequency (MHz)				502000 <td>507000</td> <td>512000</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	512000	Tune-up limit (dBm)	MPR (dB)			
20	QPSK	1	1	16.10	16.14	16.11	17.0	0.0			
Channel											
Frequency (MHz)				507500 <td>507000</td> <td>512500</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	512500	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	1	2507.5	2535	2562.5	17.0	0.0			
Channel											
Frequency (MHz)				507000 <td>507000</td> <td>513000</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	513000	Tune-up limit (dBm)			MPR (dB)	
10	QPSK	1	1	16.14	16.10	16.06	17.0	0.0			
Channel											
Frequency (MHz)				505000 <td>507000</td> <td>513500</td> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	507000	513500	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	1	16.10	16.13	16.09	17.0	0.0			

n7_Ant 9											
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. 50000	Power Ch. / Freq. 507000	Power Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				2525	2535	2545					
50	Pl2 BPSK	1	1	19.87	19.89	19.86	21.0	0.0			
50	Pl2 BPSK	1	135	19.90	19.87	19.85					
50	Pl2 BPSK	1	268	19.88	19.95	19.78					
50	Pl2 BPSK	135	0	19.90	19.93	19.83	21.0	0.0			
50	Pl2 BPSK	135	66	19.85	19.96	19.86	21.0	0.0			
50	Pl2 BPSK	135	135	19.90	19.94	19.84	21.0	0.0			
50	Pl2 BPSK	270	0	19.81	19.95	19.78	21.0	0.0			
50	QPSK	1	1	19.93	19.99	19.93					
50	QPSK	1	135	19.82	19.89	19.87					
50	QPSK	1	268	19.91	19.96	19.85	21.0	0.0			
50	QPSK	135	0	19.86	19.95	19.79					
50	QPSK	135	66	19.87	19.96	19.96					
50	QPSK	135	135	19.77	19.86	19.76	21.0	0.0			
50	QPSK	270	0	19.86	19.98	19.82	21.0	0.0			
50	16QAM	1	1	19.88	19.95	19.78	21.0	0.0			
50	64QAM	1	1	19.77	19.87	19.76	21.0	0.0			
50	256QAM	1	1	16.11	16.16	17.52	13.5	1.5			
Channel											
Frequency (MHz)				2520	2535	2550					
40	QPSK	1	1	19.88	19.96	19.86	21.0	0.0			
Channel											
Frequency (MHz)				503000	507000	510000	Tune-up limit (dBm)	MPR (dB)			
35	QPSK	1	1	19.87	19.92	19.83	21.0	0.0			
Channel											
Frequency (MHz)				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)			
30	QPSK	1	1	19.90	19.95	19.85	21.0	0.0			
Channel											
Frequency (MHz)				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)			
25	QPSK	1	1	19.86	19.97	19.83	21.0	0.0			
Channel											
Frequency (MHz)				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)			
20	QPSK	1	1	19.84	19.93	19.84	21.0	0.0			
Channel											
Frequency (MHz)				507500	507000	512500	Tune-up limit (dBm)	MPR (dB)			
15	QPSK	1	1	19.83	19.90	19.84	21.0	0.0			
Channel											
Frequency (MHz)				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)			
10	QPSK	1	1	19.92	19.91	19.88	21.0	0.0			
Channel											
Frequency (MHz)				500000	507000	513500	Tune-up limit (dBm)	MPR (dB)			
5	QPSK	1	1	19.92	19.89	19.85	21.0	0.0			

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 168000	Power Middle Ch. / Freq. 169300	Power High Ch. / Freq. 169600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				824	831.5	839			
20	Pl2 BPSK	1	1	22.82	22.83	22.84	24.0	0.0	
20	Pl2 BPSK	1	53	22.76	22.83	22.77			
20	Pl2 BPSK	1	104	22.83	22.84	22.70			
20	Pl2 BPSK	50	0	22.19	22.25	22.08	23.5	0.5	
20	Pl2 BPSK	50	28	22.82	22.81	22.70	24.0	0.0	
20	Pl2 BPSK	50	66	22.26	22.36	22.21	23.5	0.5	
20	Pl2 BPSK	100	0	22.16	22.28	22.25	24.0	0.0	
20	QPSK	1	1	22.91	22.97	22.88			
20	QPSK	1	53	22.87	22.78	22.72			
20	QPSK	1	104	22.72	22.74	22.73	23.0	1.0	
20	QPSK	50	0	21.70	21.86	21.79			
20	QPSK	50	28	22.72	22.76	22.64			
20	QPSK	50	56	21.72	21.78	21.66	23.0	1.0	
20	QPSK	100	0	21.62	21.72	21.70	23.0	1.0	
20	16QAM	1	1	22.10	22.10	21.98			
20	64QAM	1	1	20.10	20.05	20.00			
20	256QAM	1	1	19.29	19.38	19.26	19.5	4.5	
Channel									
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	1	22.79	22.87	22.79	24.0	0.0	
Channel									
Frequency (MHz)				168300	169300	169300	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.83	22.87	22.83	24.0	0.0	
Channel									
Frequency (MHz)				163300	169300	169300	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.76	22.86	22.77	24.0	0.0	

n26(FCC)_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)								
20	PQ2 BPSK	1	1	22.64	22.70	22.66	24.0	0.0
20	PQ2 BPSK	1	53	22.56	22.73	22.61		
20	PQ2 BPSK	1	104	22.63	22.72	22.62		
20	PQ2 BPSK	50	0	21.95	21.96	22.02	23.5	0.5
20	PQ2 BPSK	50	28	22.53	22.63	22.67	24.0	0.0
20	PQ2 BPSK	50	56	22.02	22.13	22.16	23.5	0.5
20	PQ2 BPSK	100	0	22.09	22.13	22.13		
20	QPSK	1	1	22.73	22.79	22.76	24.0	0.0
20	QPSK	1	53	22.46	22.62	22.52		
20	QPSK	1	104	22.60	22.60	22.53		
20	QPSK	50	0	21.54	21.63	21.56	23.0	1.0
20	QPSK	50	28	22.52	22.66	22.58	24.0	0.0
20	QPSK	50	56	21.56	21.51	21.60	23.0	1.0
20	QPSK	100	0	21.45	21.53	21.48		
20	16QAM	1	1	21.84	22.00	21.91	23.0	1.0
20	64QAM	1	1	19.89	19.89	19.87	21.5	2.5
20	256QAM	1	1	18.05	18.14	18.13	19.5	4.5
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.64	22.70	22.64	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.64	22.72	22.74	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.60	22.69	22.64	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								
Frequency (MHz)								
45	PQ2 BPSK	1	1	22.61	22.73	22.66	24.0	0.0
45	PQ2 BPSK	1	122	22.66	22.76	22.69		
45	PQ2 BPSK	1	240	22.59	22.71	22.53		
45	PQ2 BPSK	120	0	22.00	22.07	21.94	23.5	0.5
45	PQ2 BPSK	120	60	22.64	22.75	22.57	24.0	0.0
45	PQ2 BPSK	120	122	22.12	22.17	22.00	23.5	0.5
45	PQ2 BPSK	240	0	22.13	22.19	22.08		
45	QPSK	1	1	22.70	22.82	22.72	24.0	0.0
45	QPSK	1	122	22.61	22.68	22.56		
45	QPSK	1	240	22.65	22.63	22.61		
45	QPSK	120	0	21.62	21.74	21.63	23.0	1.0
45	QPSK	120	60	22.57	22.62	22.60	24.0	0.0
45	QPSK	120	122	21.62	21.72	21.60	23.0	1.0
45	QPSK	240	0	21.63	21.67	21.50		
45	16QAM	1	1	21.84	21.92	21.80	23.0	1.0
45	64QAM	1	1	19.89	19.98	19.90	21.5	2.5
45	256QAM	1	1	18.03	18.10	18.08	19.5	4.5
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.73	22.72	22.65	24.0	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	22.70	22.68	22.63	24.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.73	22.67	22.64	24.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.67	22.70	22.59	24.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.69	22.81	22.68	24.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.67	22.76	22.71	24.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.64	22.78	22.69	24.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	22.67	22.76	22.63	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								
Frequency (MHz)								
45	PQ2 BPSK	1	1	17.11	17.12	17.09	18.0	0.0
45	PQ2 BPSK	1	122	17.17	17.19	17.09		
45	PQ2 BPSK	1	240	17.09	17.16	17.05		
45	PQ2 BPSK	120	0	17.13	17.12	17.13	18.0	0.0
45	PQ2 BPSK	120	60	17.09	17.13	17.08	18.0	0.0
45	PQ2 BPSK	120	122	17.16	17.20	17.09	18.0	0.0
45	PQ2 BPSK	240	0	17.11	17.12	17.13		
45	QPSK	1	1	17.20	17.22	17.15	18.0	0.0
45	QPSK	1	122	17.11	17.14	17.13		
45	QPSK	1	240	17.16	17.18	17.13		
45	QPSK	120	0	17.15	17.11	17.05	18.0	0.0
45	QPSK	120	60	17.17	17.18	17.15	18.0	0.0
45	QPSK	120	122	17.06	17.06	17.12	18.0	0.0
45	QPSK	240	0	17.10	17.14	17.13		
45	16QAM	1	1	17.09	17.16	17.11	18.0	0.0
45	64QAM	1	1	17.17	17.12	17.06	18.0	0.0
45	256QAM	1	1	17.11	17.18	17.07	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	17.08	17.13	17.03	18.0	0.0
Channel								
Frequency (MHz)								
35	QPSK	1	1	17.08	17.19	17.04	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	17.08	17.14	17.04	18.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	17.07	17.15	17.09	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	17.11	17.12	17.09	18.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	17.12	17.21	17.03	18.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	17.07	17.19	17.04	18.0	0.0
Channel								
Frequency (MHz)								
5	QPSK	1	1	17.09	17.15	17.05	18.0	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				346000	346000	351000			
Frequency (MHz)				1732.5	1745	1757.5			
45	PlZ BPSK	1	1	21.43	21.46	21.41	22.5	0.0	
45	PlZ BPSK	1	122	21.39	21.44	21.40			
45	PlZ BPSK	1	240	21.36	21.43	21.36			
45	PlZ BPSK	120	0	21.44	21.45	21.34	22.5	0.0	
45	PlZ BPSK	120	60	21.42	21.40	21.39	22.5	0.0	
45	PlZ BPSK	120	120	21.37	21.40	21.41	22.5	0.0	
45	PlZ BPSK	240	0	21.40	21.45	21.41	22.5	0.0	
45	QPSK	1	1	21.44	21.55	21.45			
45	QPSK	1	122	21.42	21.47	21.33			
45	QPSK	1	240	21.36	21.42	21.36	22.5	0.0	
45	QPSK	120	0	21.43	21.43	21.38	22.5	0.0	
45	QPSK	120	60	21.46	21.47	21.46	22.5	0.0	
45	QPSK	120	122	21.41	21.40	21.36	22.5	0.0	
45	QPSK	240	0	21.43	21.52	21.43	22.5	0.0	
45	16QAM	1	1	21.38	21.46	21.39	22.5	0.0	
45	64QAM	1	1	20.05	20.03	19.94	21.5	1.0	
45	256QAM	1	1	18.14	18.17	18.07	19.5	3.0	
Channel				346000	346000	350000	Tune-up limit	MPR	
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)	
40	QPSK	1	1	21.42	21.54	21.40	22.5	0.0	
Channel				345000	345000	350000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
35	QPSK	1	1	21.38	21.47	21.38	22.5	0.0	
Channel				345000	345000	350000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1767.5	(dBm)	(dB)	
30	QPSK	1	1	21.36	21.45	21.41	22.5	0.0	
Channel				344000	344000	350000	Tune-up limit	MPR	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
25	QPSK	1	1	21.40	21.45	21.41	22.5	0.0	
Channel				344000	344000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	21.39	21.52	21.36	22.5	0.0	
Channel				343000	343000	350000	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	21.41	21.45	21.41	22.5	0.0	
Channel				343000	345000	350000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	21.35	21.50	21.39	22.5	0.0	
Channel				342500	345000	355000	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	21.38	21.47	21.36	22.5	0.0	

n71_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	134600	139600			
Frequency (MHz)				673	680.5	688			
20	PlZ BPSK	1	1	22.52	22.59	22.50	24.0	0.0	
20	PlZ BPSK	1	53	22.55	22.62	22.57			
20	PlZ BPSK	1	104	22.44	22.61	22.52			
20	PlZ BPSK	50	0	21.84	21.91	21.82	23.5	0.5	
20	PlZ BPSK	50	26	22.49	22.55	22.47	24.0	0.0	
20	PlZ BPSK	50	56	22.01	22.00	21.92	23.5	0.5	
20	PlZ BPSK	100	0	21.92	22.04	21.96	24.0	0.0	
20	QPSK	1	1	22.63	22.68	22.61			
20	QPSK	1	53	22.38	22.44	22.38			
20	QPSK	1	104	22.52	22.68	22.42	23.0	1.0	
20	QPSK	50	0	21.45	21.46	21.40	23.0	0.0	
20	QPSK	50	26	22.49	22.52	22.35	24.0	0.0	
20	QPSK	50	56	21.36	21.47	21.36	23.0	1.0	
20	QPSK	100	0	21.37	21.39	21.31	23.0	1.0	
20	16QAM	1	1	21.83	21.82	21.79	23.0	1.0	
20	64QAM	1	1	19.81	19.83	19.70	21.5	2.5	
20	256QAM	1	1	18.02	18.04	17.86	19.5	4.5	
Channel				134100	134100	138100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.55	22.54	22.51	24.0	0.0	
Channel				133600	134100	138000	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.59	22.54	22.58	24.0	0.0	
Channel				133100	136100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.57	22.58	22.55	24.0	0.0	

n71_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				134600	134600	139600			
Frequency (MHz)				673	680.5	688			
20	PlZ BPSK	1	1	22.62	22.61	22.49	24.0	0.0	
20	PlZ BPSK	1	53	22.56	22.59	22.56			
20	PlZ BPSK	1	104	22.55	22.57	22.48			
20	PlZ BPSK	50	0	21.89	21.91	21.85	23.5	0.5	
20	PlZ BPSK	50	26	22.58	22.58	22.48	24.0	0.0	
20	PlZ BPSK	50	56	22.01	22.02	22.03	23.5	0.5	
20	PlZ BPSK	100	0	22.06	22.06	21.91	24.0	0.0	
20	QPSK	1	1	22.65	22.73	22.63			
20	QPSK	1	53	22.56	22.60	22.44			
20	QPSK	1	104	22.44	22.62	22.41	23.0	1.0	
20	QPSK	50	0	21.52	21.55	21.52	23.0	0.0	
20	QPSK	50	26	22.51	22.58	22.35	24.0	0.0	
20	QPSK	50	56	21.49	21.50	21.36	23.0	1.0	
20	QPSK	100	0	21.41	21.53	21.45	23.0	1.0	
20	16QAM	1	1	21.84	21.93	21.71	23.0	1.0	
20	64QAM	1	1	19.78	19.81	19.78	21.5	2.5	
20	256QAM	1	1	18.09	18.09	18.04	19.5	4.5	
Channel				134100	134100	138100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.58	22.59	22.59	24.0	0.0	
Channel				133600	134100	138000	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.65	22.72	22.55	24.0	0.0	
Channel				133100	136100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.54	22.65	22.50	24.0	0.0	

n38_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 510004	Power Middle Ch. / Freq. 510000	Power High Ch. / Freq. 510996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	22.79	22.86	22.78	24.0	0.0	
40	Pl2 BPSK	1	53	22.68	22.76	22.68			
40	Pl2 BPSK	1	104	22.72	22.74	22.66			
40	Pl2 BPSK	50	0	22.31	22.34	22.13	23.5	0.5	
40	Pl2 BPSK	50	28	22.79	22.84	22.69	24.0	0.0	
40	Pl2 BPSK	50	56	22.21	22.25	22.17	23.5	0.5	
40	Pl2 BPSK	100	0	22.18	22.24	22.05			
40	QPSK	1	1	22.87	22.88	22.82			
40	QPSK	1	53	22.80	22.84	22.70	24.0	0.0	
40	QPSK	1	104	22.87	22.82	22.72			
40	QPSK	50	0	21.72	21.77	21.56			
40	QPSK	50	28	22.69	22.84	22.67	24.0	0.0	
40	QPSK	50	56	21.86	21.74	21.64	23.0	1.0	
40	QPSK	100	0	21.68	21.78	21.68			
40	16QAM	1	1	21.83	21.78	21.68	23.0	1.0	
40	64QAM	1	1	20.09	20.17	19.99	21.5	2.5	
40	256QAM	1	1	18.05	18.15	17.84	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.77	22.75	22.72	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.80	22.81	22.72	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.73	22.78	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.83	22.87	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.77	22.80	22.73	24.0	0.0	

n38_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 516004	Power Middle Ch. / Freq. 516000	Power High Ch. / Freq. 516096	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	17.28	17.34	17.29	18.5	0.0	
40	Pl2 BPSK	1	53	17.32	17.29	17.29			
40	Pl2 BPSK	1	104	17.26	17.34	17.30			
40	Pl2 BPSK	50	0	17.34	17.28	17.22	18.5	0.0	
40	Pl2 BPSK	50	28	17.34	17.37	17.23	18.5	0.0	
40	Pl2 BPSK	50	56	17.27	17.30	17.25	18.5	0.0	
40	Pl2 BPSK	100	0	17.33	17.29	17.28			
40	QPSK	1	1	17.36	17.38	17.31			
40	QPSK	1	53	17.26	17.31	17.26	18.5	0.0	
40	QPSK	1	104	17.34	17.32	17.30			
40	QPSK	50	0	17.29	17.32	17.23			
40	QPSK	50	28	17.32	17.37	17.28	18.5	0.0	
40	QPSK	50	56	17.31	17.36	17.22	18.5	0.0	
40	QPSK	100	0	17.30	17.31	17.26			
40	16QAM	1	1	17.28	17.34	17.28	18.5	0.0	
40	64QAM	1	1	17.26	17.37	17.29	18.5	0.0	
40	256QAM	1	1	17.28	17.29	17.26	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.34	17.30	17.25	18.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	17.28	17.30	17.25	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.33	17.33	17.21	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.29	17.37	17.23	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.30	17.37	17.25	18.5	0.0	

n38_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)									
40	Pl2 BPSK	1	1	19.48	19.49	19.48	20.5	0.0	
40	Pl2 BPSK	1	53	19.45	19.56	19.44			
40	Pl2 BPSK	1	104	19.49	19.55	19.46			
40	Pl2 BPSK	50	0	19.51	19.57	19.42	20.5	0.0	
40	Pl2 BPSK	50	28	19.49	19.56	19.48	20.5	0.0	
40	Pl2 BPSK	50	56	19.53	19.52	19.48	20.5	0.0	
40	Pl2 BPSK	100	0	19.52	19.56	19.47			
40	QPSK	1	1	19.50	19.64	19.57			
40	QPSK	1	53	19.51	19.50	19.46	20.5	0.0	
40	QPSK	1	104	19.53	19.55	19.46			
40	QPSK	50	0	19.49	19.56	19.44			
40	QPSK	50	28	19.57	19.59	19.48	20.5	0.0	
40	QPSK	50	56	19.52	19.51	19.49	20.5	0.0	
40	QPSK	100	0	19.53	19.57	19.50			
40	16QAM	1	1	19.47	19.49	19.47	20.5	0.0	
40	64QAM	1	1	19.53	19.50	19.48	20.5	0.0	
40	256QAM	1	1	19.14	19.16	19.09	19.5	1.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.54	19.60	19.54	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.57	19.58	19.53	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.55	19.56	19.53	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.53	19.60	19.47	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.51	19.61	19.51	20.5	0.0	

FCC_n41_Ant 8_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				500002	518998	530000			
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi2 BPSK	1	1	17.46	17.45	17.51	18.5	0.0	
100	Pi2 BPSK	1	137	17.40	17.45	17.44			
100	Pi2 BPSK	1	271	17.47	17.47	17.43			
100	Pi2 BPSK	135	0	17.44	17.49	17.49	18.5	0.0	
100	Pi2 BPSK	135	69	17.46	17.47	17.50	18.5	0.0	
100	Pi2 BPSK	135	135	17.41	17.46	17.50	18.5	0.0	
100	Pi2 BPSK	270	0	17.42	17.45	17.44			
100	QPSK	1	1	17.45	17.54	17.48		18.5	
100	QPSK	1	137	17.40	17.46	17.44	18.5	0.0	
100	QPSK	1	271	17.39	17.51	17.47			
100	QPSK	135	0	17.48	17.51	17.51		18.5	
100	QPSK	135	69	17.41	17.46	17.41	18.5	0.0	
100	QPSK	135	135	17.46	17.45	17.46			
100	QPSK	270	0	17.39	17.43	17.42		18.5	
100	16QAM	1	1	17.42	17.45	17.47	18.5	0.0	
100	16QAM	1	1	17.43	17.47	17.46	18.5	0.0	
100	256QAM	1	1	17.47	17.48	17.48	18.5	0.0	
Channel				500000	518998	530000	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	17.44	17.51	17.42	18.5	0.0	
Channel				502204	518998	530000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	17.36	17.53	17.37	18.5	0.0	
Channel				500002	518998	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.91	2592.99	2650			
70	QPSK	1	1	17.39	17.52	17.40	18.5	0.0	
Channel				500000	518998	531999	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2651.99			
60	QPSK	1	1	17.44	17.49	17.41	18.5	0.0	
Channel				504204	518998	530998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2654.99			
50	QPSK	1	1	17.41	17.46	17.39	18.5	0.0	
Channel				503100	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	17.39	17.50	17.35	18.5	0.0	
Channel				502204	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.44	17.45	17.35	18.5	0.0	
Channel				502704	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.48			
35	QPSK	1	1	17.39	17.50	17.38	18.5	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.37	17.51	17.42	18.5	0.0	
Channel				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	17.38	17.53	17.34	18.5	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.98			
20	QPSK	1	1	17.39	17.44	17.37	18.5	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	17.38	17.49	17.41	18.5	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2686			
10	QPSK	1	1	17.39	17.50	17.34	18.5	0.0	

FCC_n41_Ant 8_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				500002	518998	530000			
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi2 BPSK	1	1	17.46	17.45	17.51	18.5	0.0	
100	Pi2 BPSK	1	137	17.40	17.45	17.44			
100	Pi2 BPSK	1	271	17.47	17.47	17.43			
100	Pi2 BPSK	135	0	17.44	17.49	17.49	18.5	0.0	
100	Pi2 BPSK	135	69	17.46	17.47	17.50	18.5	0.0	
100	Pi2 BPSK	135	135	17.41	17.46	17.50	18.5	0.0	
100	Pi2 BPSK	270	0	17.42	17.45	17.44			
100	QPSK	1	1	17.45	17.54	17.48		18.5	
100	QPSK	1	137	17.40	17.46	17.44	18.5	0.0	
100	QPSK	1	271	17.39	17.51	17.47			
100	QPSK	135	0	17.48	17.51	17.51		18.5	
100	QPSK	135	69	17.41	17.46	17.41	18.5	0.0	
100	QPSK	135	135	17.46	17.45	17.46			
100	QPSK	270	0	17.39	17.43	17.42		18.5	
100	16QAM	1	1	17.42	17.45	17.47	18.5	0.0	
100	16QAM	1	1	17.43	17.47	17.46	18.5	0.0	
100	256QAM	1	1	17.47	17.48	17.48	18.5	0.0	
Channel				500000	518998	530000	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	17.44	17.51	17.42	18.5	0.0	
Channel				502204	518998	530998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2540.02	2592.99	2649.99			
80	QPSK	1	1	17.36	17.53	17.37	18.5	0.0	
Channel				500002	518998	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.91	2592.99	2650			
70	QPSK	1	1	17.39	17.52	17.40	18.5	0.0	
Channel				500000	518998	531999	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2651.99			
60	QPSK	1	1	17.44	17.49	17.41	18.5	0.0	
Channel				504204	518998	530998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2654.99			
50	QPSK	1	1	17.41	17.46	17.39	18.5	0.0	
Channel				503100	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	17.39	17.50	17.35	18.5	0.0	
Channel				502204	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	17.44	17.45	17.35	18.5	0.0	
Channel				502704	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.52	2592.99	2672.48			
35	QPSK	1	1	17.39	17.50	17.38	18.5	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	17.37	17.51	17.42	18.5	0.0	
Channel				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	17.38	17.53	17.34	18.5	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.98			
20	QPSK	1	1	17.39	17.44	17.37	18.5	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	17.38	17.49	17.41	18.5	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2686			
10	QPSK	1	1	17.39	17.50	17.34	18.5	0.0	

FCC_n41_Ant 9_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	19.68	19.71	19.82			
100	P22 BPSK	1	137	19.69	19.67	19.65	20.5	0.0	
100	P22 BPSK	1	271	19.64	19.67	19.61			
100	P22 BPSK	135	0	19.68	19.68	19.65	20.5	0.0	
100	P22 BPSK	135	69	19.65	19.65	19.59	20.5	0.0	
100	P22 BPSK	135	138	19.67	19.64	19.65			
100	P22 BPSK	270	0	19.63	19.69	19.58	20.5	0.0	
100	QPSK	1	1	19.69	19.70	19.65			
100	QPSK	1	137	19.66	19.67	19.64	20.5	0.0	
100	QPSK	1	271	19.65	19.65	19.64			
100	QPSK	135	0	19.68	19.68	19.64			
100	QPSK	135	69	19.66	19.70	19.65	20.5	0.0	
100	QPSK	135	138	19.70	19.65	19.60			
100	QPSK	270	0	19.58	19.66	19.60	20.5	0.0	
100	16QAM	1	1	19.63	19.66	19.61	20.5	0.0	
100	64QAM	1	1	19.66	19.67	19.63	20.5	0.0	
100	256QAM	1	1	19.63	19.64	19.61	20.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.60	19.67	19.59	20.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.65	19.70	19.59	20.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.67	19.66	19.56	20.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.60	19.60	19.57	20.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.59	19.64	19.50	20.5	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	19.65	19.68	19.63	20.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.63	19.70	19.60	20.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	19.63	19.62	19.59	20.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.64	19.67	19.59	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.68	19.71	19.64	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.67	19.63	19.56	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.61	19.70	19.64	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.64	19.65	19.56	20.5	0.0	

FCC_n41_Ant 6_PC3									
BW (MHz)	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	P22 BPSK	1	1	18.83	19.05	19.00			
100	P22 BPSK	1	137	18.84	19.03	19.01	20.5	0.0	
100	P22 BPSK	1	271	18.82	19.03	19.06			
100	P22 BPSK	135	0	18.81	19.00	19.02	20.5	0.0	
100	P22 BPSK	135	69	18.86	19.04	19.01	20.5	0.0	
100	P22 BPSK	135	138	18.84	19.01	19.03			
100	P22 BPSK	270	0	18.79	19.02	19.03	20.5	0.0	
100	QPSK	1	1	18.80	19.21	19.02			
100	QPSK	1	137	18.76	19.01	19.01	20.5	0.0	
100	QPSK	1	271	18.75	18.97	19.01			
100	QPSK	135	0	18.86	18.99	19.04			
100	QPSK	135	69	18.80	19.06	19.07	20.5	0.0	
100	QPSK	135	138	18.84	18.99	19.02			
100	QPSK	270	0	18.85	19.03	18.95	20.5	0.0	
100	16QAM	1	137	18.79	18.96	18.92	20.5	0.0	
100	64QAM	1	137	18.78	18.99	19.06	20.5	0.0	
100	256QAM	1	137	18.76	18.15	18.20	19.5	1.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.80	19.02	18.99	20.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.83	18.98	18.98	20.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.81	18.96	18.97	20.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.80	18.99	18.92	20.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.78	19.04	18.91	20.5	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	18.84	19.04	18.95	20.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.83	18.96	18.97	20.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	18.80	18.95	18.92	20.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.80	18.90	18.92	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.83	19.02	18.92	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.78	19.00	18.92	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.81	19.03	18.97	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.79	19.04	18.97	20.5	0.0	

FCC_n41_Ant 6_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	18.83	19.05	19.00			
100	P22 BPSK	1	137	18.84	19.03	19.01	20.5	0.0	
100	P22 BPSK	1	271	18.82	19.03	19.06			
100	P22 BPSK	135	0	18.81	19.00	19.02	20.5	0.0	
100	P22 BPSK	135	69	18.86	19.04	19.01	20.5	0.0	
100	P22 BPSK	135	138	18.84	19.01	19.03			
100	P22 BPSK	270	0	18.79	19.02	19.03	20.5	0.0	
100	QPSK	1	1	18.80	19.21	19.02			
100	QPSK	1	137	18.78	19.01	19.01	20.5	0.0	
100	QPSK	1	271	18.78	18.97	19.01			
100	QPSK	135	0	18.86	18.98	19.04			
100	QPSK	135	69	18.80	19.06	19.07	20.5	0.0	
100	QPSK	135	138	18.84	18.99	19.02			
100	QPSK	270	0	18.85	19.03	18.95	20.5	0.0	
100	16QAM	1	137	18.78	18.98	19.02	20.5	0.0	
100	64QAM	1	137	18.78	18.99	19.00	20.5	0.0	
100	256QAM	1	137	17.76	18.15	18.20	19.5	1.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.80	19.02	18.98			
90	QPSK	1	137	18.82	18.98	18.99	20.5	0.0	
90	QPSK	1	271	18.80	19.02	18.98			
90	QPSK	135	0	18.83	18.98	18.98	20.5	0.0	
90	QPSK	135	69	18.83	18.98	18.98	20.5	0.0	
90	QPSK	135	138	18.83	18.98	18.98	20.5	0.0	
90	QPSK	270	0	18.83	18.98	18.98	20.5	0.0	
90	QPSK	1	1	18.81	19.00	18.97			
90	QPSK	1	137	18.81	18.99	18.97	20.5	0.0	
90	QPSK	1	271	18.81	18.99	18.97			
90	QPSK	135	0	18.81	18.99	18.97	20.5	0.0	
90	QPSK	135	69	18.81	18.99	18.97	20.5	0.0	
90	QPSK	135	138	18.81	18.99	18.97	20.5	0.0	
90	QPSK	270	0	18.81	18.99	18.97	20.5	0.0	
90	QPSK	1	1	18.80	18.99	18.98			
90	QPSK	1	137	18.80	18.99	18.98	20.5	0.0	
90	QPSK	1	271	18.80	18.99	18.98			
90	QPSK	135	0	18.80	18.99	18.98	20.5	0.0	
90	QPSK	135	69	18.80	18.99	18.98	20.5	0.0	
90	QPSK	135	138	18.80	18.99	18.98	20.5	0.0	
90	QPSK	270	0	18.80	18.99	18.98	20.5	0.0	
90	QPSK	1	1	18.78	19.04	18.91			
90	QPSK	1	137	18.78	19.04	18.91	20.5	0.0	
90	QPSK	1	271	18.78	19.04	18.91			
90	QPSK	135	0	18.78	19.04	18.91	20.5	0.0	
90	QPSK	135	69	18.78	19.04	18.91	20.5	0.0	
90	QPSK	135	138	18.78	19.04	18.91	20.5	0.0	
90	QPSK	270	0	18.78	19.04	18.91	20.5	0.0	
90	QPSK	1	1	18.78	19.00	18.92			
90	QPSK	1	137	18.78	19.00	18.92	20.5	0.0	
90	QPSK	1	271	18.78	19.00	18.92			
90	QPSK	135	0	18.78	19.00	18.92	20.5	0.0	
90	QPSK	135	69	18.78	19.00	18.92	20.5	0.0	
90	QPSK	135	138	18.78	19.00	18.92	20.5	0.0	
90	QPSK	270	0	18.78	19.00	18.92	20.5	0.0	
90	QPSK	1	1	18.81	19.03	18.97			
90	QPSK	1	137	18.81	19.03	18.97	20.5	0.0	
90	QPSK	1	271	18.81	19.03	18.97			
90	QPSK	135	0	18.81	19.03	18.97	20.5	0.0	
90	QPSK	135	69	18.81	19.03	18.97	20.5	0.0	
90	QPSK	135	138	18.81	19.03	18.97	20.5	0.0	
90	QPSK	270	0	18.81	19.03	18.97	20.5	0.0	
90	QPSK	1	1	18.80	18.98	18.97			
90	QPSK	1	137	18.80	18.98	18.97	20.5	0.0	
90	QPSK	1	271	18.80	18.98	18.97			
90	QPSK	135	0	18.80	18.98	18.97	20.5	0.0	
90	QPSK	135	69	18.80	18.98	18.97	20.5	0.0	
90	QPSK	135	138	18.80	18.98	18.97	20.5	0.0	
90	QPSK	270	0	18.80	18.98	18.97	20.5	0.0	
90	QPSK	1	1	18.79	19.01	18.90			
90	QPSK	1	137	18.79	19.01	18.90	20.5	0.0	
90	QPSK	1	271	18.79	19.01	18.90			
90	QPSK	135	0	18.79	19.01	18.90	20.5	0.0	
90	QPSK	135	69	18.79	19.01	18.90	20.5	0.0	
90	QPSK	135	138	18.79	19.01	18.90	20.5	0.0	
90	QPSK	270	0	18.79	19.01	18.90	20.5	0.0	
90	QPSK	1	1	18.78	18.99	18.88			
90	QPSK	1	137	18.78	18.99	18.88	20.5	0.0	
90	QPSK	1	271	18.78	18.99	18.88			
90	QPSK	135	0	18.78	18.99	18.88	20.5	0.0	
90	QPSK	135	69	18.78	18.99	18.88	20.5	0.0	
90	QPSK	135	138	18.78	18.99	18.88	20.5	0.0	
90	QPSK	270	0	18.78	18.99	18.88	20.5	0.0	
90	QPSK	1	1	18.77	18.98	18.87			
90	QPSK	1	137	18.77	18.98	18.87	20.5	0.0	
90	QPSK	1	271	18.77	18.98	18.87			
90	QPSK	135	0	18.77	18.98	18.87	20.5	0.0	
90	QPSK	135	69	18.77	18.98	18.87	20.5	0.0	
90	QPSK	135	138	18.77	18.98	18.87	20.5	0.0	
90	QPSK	270	0	18.77	18.98	18.87	20.5	0.0	
90	QPSK	1	1	18.76	18.97	18.86			
90	QPSK	1	137	18.76	18.97	18.86	20.5	0.0	
90	QPSK	1	271	18.76	18.97	18.86			
90	QPSK	135	0	18.76	18.97	18.86	20.5	0.0	
90	QPSK	135	69	18.76	18.97	18.86	20.5	0.0	
90	QPSK	135	138	18.76	18.97	18.86	20.5	0.0	
90	QPSK	270	0	18.76	18.97	18.86	20.5	0.0	
90	QPSK	1	1	18.75	18.96	18.85			
90	QPSK	1	137	18.75	18.96	18.85	20.5	0.0	
90	QPSK	1	271	18.75	18.96	18.85			
90	QPSK	135	0	18.75	18.96	18.85	20.5	0.0	
90	QPSK	135	69	18.75	18.96	18.85	20.5	0.0	
90	QPSK	135	138	18.75	18.96	18.85	20.5	0.0	
90	QPSK	270	0	18.75	18.96	18.85	20.5	0.0	
90	QPSK	1	1	18.74	18.95	18.84			
90	QPSK	1	137	18.74	18.95	18.84	20.5	0.0	
90	QPSK	1	271	18.74	18.95	18.84			
90	QPSK	135	0	18.74	18.95	18.84	20.5	0.0	
90	QPSK	135	69	18.74	18.95	18.84	20.5	0.0	
90	QPSK	135	138	18.74	18.95	18.84	20.5	0.0	
90	QPSK	270	0	18.74	18.95	18.84	20.5	0.0	
90	QPSK	1	1	18.73	18.94	18.83			
90	QPSK	1	137	18.73	18.94	18.83	20.5	0.0	
90	QPSK	1	271	18.73	18.94	18.83			
90	QPSK	135	0	18.73	18.94	18.83	20.5	0.0	
90	QPSK	135	69	18.73	18.94	18.83	20.5	0.0	
90	QPSK	135	138	18.73	18.94	18.83	20.5	0.0	
90	QPSK	270	0	18.73	18.94	18.83	20.5	0.0	
90	QPSK	1	1	18.72	18.93	18.82			
90	QPSK	1	137	18.72	18.93	18.82	20.5	0.0	
90	QPSK	1	271	18.72	18.93	18.82			
90	QPSK	135	0	18.72	18.93	18.82	20.5	0.0	
90	QPSK	135	69	18.72	18.93	18.82	20.5	0.0	
90	QPSK	135	138	18.72	18.93	18.82	20.5	0.0	
90	QPSK	270	0	18.72	18.93	18.82	20.5	0.0	
90	QPSK	1	1	18.71	18.92	18.81			
90	QPSK	1	137	18.71	18.92	18.81	20.5	0.0	
90	QPSK	1	271	18.71	18.92	18.81			
90	QPSK	135	0	18.71	18.92	18.81	20.5	0.0	
90	QPSK	135	69	18.71	18.92	18.81	20.5	0.0	
90	QPSK	135	138	18.71	18.92	18.81	20.5	0.0	
90	QPSK	270	0	18.71	18.92	18.81	20.5	0.0	
90	QPSK	1	1	18.70	18.91	18.80			
90	QPSK	1	137	18.70	18.91	18.80	20.5	0.0	
90	QPSK	1	271	18.70	18.91	18.80			
90	QPSK	135	0	18.70	18.91	18.80	20.5	0.0	
90	QPSK	135	69	18.70	18.91	18.80	20.5	0.0	
90	QPSK	135	138	18.70	18.91	18.80	20.5	0.0	
90	QPSK	270	0	18.70	18.91	18.80	20.5	0.0	
90	QPSK	1	1	18.69	18.90	18.79			
90	QPSK	1	137	18.69	18.90	18.79	20.5	0.0	
90	QPSK	1	271	18.69	18.90	18.79			
90	QPSK	135	0	18.69	18.90	18.79	20.5	0.0	
90	QPSK	135	69	18.69	18.90	18.79	20.5	0.0	
90	QPSK	135	138	18.69	18.90	18.79	20.5	0.0	
90	QPSK	270	0	18.69	18.90	18.79	20.5	0.0	
90	QPSK	1	1	18.68	18.89	18.78			
90	QPSK	1	137	18.68	18.89	18.78	20.5	0.0	
90	QPSK	1	271	18.68	18.89	18.78			
90	QPSK	135	0	18.68	18.89	18.78	20.5	0.0	
90	QPSK	135	69	18.68	18.89	18.78	20.5	0.0	
90	QPSK	135	138	18.68	18.89	18.78	20.5	0.0	
90	QPSK	270	0						

Part270_n77_Ant 11_PC3									
BW (MHz)	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	P2 PSK	1	1	23.01	23.00	22.74	24.0	0.0	
100	P2 PSK	1	137	22.96	23.04	22.80			
100	P2 PSK	1	271	22.96	23.13	22.70			
100	P2 PSK	135	0	23.07	23.11	22.76			
100	P2 PSK	135	69	23.05	23.10	22.75	24.0	0.0	
100	P2 PSK	135	138	22.96	23.00	22.65	24.0	0.0	
100	P2 PSK	270	0	23.01	23.13	22.74	24.0	0.0	
100	QPSK	1	1	23.22	23.27	23.04	24.0	0.0	
100	QPSK	1	137	23.16	23.14	22.71			
100	QPSK	1	271	23.12	23.24	22.77			
100	QPSK	135	0	23.07	23.04	22.79			
100	QPSK	135	69	23.09	23.15	22.81	24.0	0.0	
100	QPSK	135	138	23.01	23.05	22.67	24.0	0.0	
100	QPSK	270	0	22.94	23.15	22.69	24.0	0.0	
100	16QAM	1	1	23.07	23.06	22.77	24.0	0.0	
100	64QAM	1	1	22.96	23.04	22.66	24.0	0.0	
100	256QAM	1	1	23.64	23.70	23.19	22.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	23.10	23.15	22.69	24.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.12	23.17	22.83	24.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.18	23.21	22.76	24.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.21	23.21	22.77	24.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.14	23.19	22.73	24.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.08	23.26	22.71	24.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.15	23.20	22.76	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	23.13	23.24	22.79	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.20	23.13	22.82	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	23.20	23.23	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	23.07	23.25	22.71	24.0	0.0	

Part270_n77_Ant 11_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	26.28	26.25	25.71	27.0	0.0	
100	P2 PSK	1	137	26.15	26.24	25.64			
100	P2 PSK	1	271	26.17	26.23	25.63			
100	P2 PSK	135	0	25.78	25.83	25.27			
100	P2 PSK	135	69	26.17	26.15	25.57	27.0	0.0	
100	P2 PSK	135	138	25.63	25.75	25.20	26.5	0.5	
100	P2 PSK	270	0	25.68	25.77	25.11	26.5	0.5	
100	QPSK	1	1	26.30	26.41	25.69	27.0	0.0	
100	QPSK	1	137	26.16	26.21	25.65			
100	QPSK	1	271	26.21	26.24	25.66			
100	QPSK	135	0	25.47	25.43	24.86			
100	QPSK	135	69	26.34	26.35	25.63	27.0	0.0	
100	QPSK	135	138	25.34	25.45	24.81	26.0	1.0	
100	QPSK	270	0	25.24	25.37	24.86	26.0	1.0	
100	16QAM	1	1	25.31	25.37	24.89	26.0	1.0	
100	64QAM	1	1	23.86	23.73	23.20	24.5	2.5	
100	256QAM	1	1	23.64	23.70	23.19	22.5	4.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	26.33	26.31	25.72	27.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	26.25	26.32	25.85	27.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	26.34	26.32	25.73	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.24	26.25	25.84	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.33	26.30	25.72	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.28	26.36	25.81	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.31	26.27	25.82	27.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	26.30	26.26	25.80	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.30	26.29	25.81	27.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.30	26.29	25.71	27.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.26	26.32	25.75	27.0	0.0	

Part270_n78_Ant 4_PC3									
BW (MHz)	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	P2 BPSK	1	1	15.57			16.5	0.0	
100	P2 BPSK	1	137	15.55					
100	P2 BPSK	1	271	15.53					
100	P2 BPSK	135	0	15.53					
100	P2 BPSK	135	69	15.54			16.5	0.0	
100	P2 BPSK	135	138	15.52			16.5	0.0	
100	P2 BPSK	270	0	15.55			16.5	0.0	
100	QPSK	1	1	15.61			16.5	0.0	
100	QPSK	1	137	15.57					
100	QPSK	1	271	15.59					
100	QPSK	135	0	15.55					
100	QPSK	135	69	15.57			16.5	0.0	
100	QPSK	135	138	15.56			16.5	0.0	
100	QPSK	270	0	15.52			16.5	0.0	
100	16QAM	1	1	15.56			16.5	0.0	
100	64QAM	1	1	15.54			16.5	0.0	
100	256QAM	1	1	15.51			16.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.52	15.55	15.57	16.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.56	15.59	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.53	15.58	15.54	16.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.50	15.53	15.55	16.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.50	15.51	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.50	15.51	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.50	15.51	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.50	15.58	15.54	16.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.50	15.51	15.53	16.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.51	15.59	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.52	15.59	15.57	16.5	0.0	

Part270_n78_Ant 7_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	15.55			16.5	0.0	0.0
100	PI2 BPSK	1	137	15.57					
100	PI2 BPSK	1	271	15.55					
100	PI2 BPSK	135	0	15.57			16.5	0.0	0.0
100	PI2 BPSK	135	69	15.59			16.5	0.0	0.0
100	PI2 BPSK	135	138	15.58			16.5	0.0	0.0
100	PI2 BPSK	270	0	15.51			16.5	0.0	0.0
100	QPSK	1	1	15.63			16.5	0.0	0.0
100	QPSK	1	137	15.60					
100	QPSK	1	271	15.51					
100	QPSK	135	0	15.52			16.5	0.0	0.0
100	QPSK	135	69	15.59			16.5	0.0	0.0
100	QPSK	135	138	15.54			16.5	0.0	0.0
100	QPSK	270	0	15.58			16.5	0.0	0.0
100	16QAM	1	1	15.52			16.5	0.0	0.0
100	64QAM	1	1	15.56			16.5	0.0	0.0
100	256QAM	1	1	15.59			16.5	0.0	0.0
Channel									
				649998	650000	650032	Time-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	15.56	15.54	15.53	16.5	0.0	0.0
Channel									
				649334	650000	650968	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3750.99	(dBm)	(dB)	
80	QPSK	1	1	15.58	15.61	15.59	16.5	0.0	0.0
Channel									
				649905	650000	651090	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3750.99	(dBm)	(dB)	
70	QPSK	1	1	15.53	15.61	15.56	16.5	0.0	0.0
Channel									
				649998	650000	650332	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
60	QPSK	1	1	15.59	15.62	15.54	16.5	0.0	0.0
Channel									
				649334	650000	651696	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
50	QPSK	1	1	15.53	15.53	15.58	16.5	0.0	0.0
Channel									
				649600	650000	652500	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
40	QPSK	1	1	15.53	15.62	15.60	16.5	0.0	0.0
Channel									
				647668	650000	652332	Time-up limit	MPR	
Frequency (MHz)				3741.02	3750	3754.48	(dBm)	(dB)	
30	QPSK	1	1	15.62	15.58	15.55	16.5	0.0	0.0
Channel									
				647508	650000	652500	Time-up limit	MPR	
Frequency (MHz)				3741.02	3750	3767.5	(dBm)	(dB)	
25	QPSK	1	1	15.60	15.58	15.58	16.5	0.0	0.0
Channel									
				647334	650000	652500	Time-up limit	MPR	
Frequency (MHz)				3740.01	3750	3769.99	(dBm)	(dB)	
20	QPSK	1	1	15.60	15.53	15.60	16.5	0.0	0.0
Channel									
				647168	650000	652632	Time-up limit	MPR	
Frequency (MHz)				3740.02	3750	3762.48	(dBm)	(dB)	
15	QPSK	1	1	15.60	15.60	15.58	16.5	0.0	0.0
Channel									
				647400	650000	653500	Time-up limit	MPR	
Frequency (MHz)				3740.02	3750	3762.48	(dBm)	(dB)	
10	QPSK	1	1	15.62	15.57	15.55	16.5	0.0	0.0

Part270_n78_Ant 7_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	PI2 BPSK	1	1	15.55			16.5	0.0	
100	PI2 BPSK	1	137	15.59					
100	PI2 BPSK	1	271	15.57					
100	PI2 BPSK	135	0	15.57			16.5	0.0	
100	PI2 BPSK	135	69	15.59			16.5	0.0	
100	PI2 BPSK	135	138	15.58			16.5	0.0	
100	PI2 BPSK	270	0	15.51			16.5	0.0	
100	QPSK	1	1	15.63			16.5	0.0	
100	QPSK	1	137	15.60					
100	QPSK	1	271	15.51					
100	QPSK	135	0	15.52			16.5	0.0	
100	QPSK	135	69	15.59			16.5	0.0	
100	QPSK	135	138	15.54			16.5	0.0	
100	QPSK	270	0	15.58			16.5	0.0	
100	16QAM	1	1	15.52			16.5	0.0	
100	64QAM	1	1	15.56			16.5	0.0	
100	256QAM	1	1	15.59			16.5	0.0	
Channel									
Frequency (MHz)									
3745.02 3750 3754.98									
90	QPSK	1	1	15.56	15.54	15.53	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
80	QPSK	1	1	15.58	15.61	15.59	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
70	QPSK	1	1	15.53	15.61	15.56	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
60	QPSK	1	1	15.59	15.62	15.54	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
50	QPSK	1	1	15.53	15.53	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
40	QPSK	1	1	15.53	15.62	15.60	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
30	QPSK	1	1	15.62	15.58	15.55	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
25	QPSK	1	1	15.60	15.58	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
20	QPSK	1	1	15.60	15.53	15.60	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
15	QPSK	1	1	15.60	15.60	15.58	16.5	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
10	QPSK	1	1	15.62	15.57	15.55	16.5	0.0	

Part270_n78_Ant 11_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		23.12		24.0	0.0	
100	PI2 BPSK	1	137		23.12				
100	PI2 BPSK	1	271		23.11				
100	PI2 BPSK	135	0		23.10				
100	PI2 BPSK	135	69		22.99		24.0	0.0	
100	PI2 BPSK	135	138		23.00		24.0	0.0	
100	PI2 BPSK	270	0		23.07				
100	QPSK	1	1		23.23				
100	QPSK	1	137		23.17		24.0	0.0	
100	QPSK	1	271		23.16		24.0	0.0	
100	QPSK	135	0		23.12				
100	QPSK	135	69		23.13		24.0	0.0	
100	QPSK	135	138		23.01		24.0	0.0	
100	QPSK	270	0		23.03				
100	16QAM	1	1		23.05				
100	64QAM	1	1		22.88		24.0	0.0	
100	256QAM	1	1		21.70		22.5	1.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	QPSK	1	1		23.16	23.11	23.22	24.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	QPSK	1	1		23.18	23.17	23.22	24.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3734	3750	3766			
70	QPSK	1	1		23.20	23.21	23.11	24.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	QPSK	1	1		23.09	23.20	23.19	24.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	QPSK	1	1		23.12	23.09	23.11	24.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1		23.14	23.09	23.17	24.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	QPSK	1	1		23.17	23.19	23.16	24.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
25	QPSK	1	1		23.14	23.09	23.10	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
20	QPSK	1	1		23.13	23.08	23.18	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
15	QPSK	1	1		23.13	23.17	23.08	24.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3703	3750	3797			
10	QPSK	1	1		23.17	23.18	23.14	24.0	0.0

Part270_n78_Ant 11_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		26.25		27.0	0.0	
100	PI2 BPSK	1	137		26.18				
100	PI2 BPSK	1	271		26.12				
100	PI2 BPSK	135	0		25.66		26.5	0.0	
100	PI2 BPSK	135	69		26.13		27.0	0.0	
100	PI2 BPSK	135	138		25.58		26.5	0.5	
100	PI2 BPSK	270	0		25.58				
100	QPSK	1	1		26.31				
100	QPSK	1	137		26.09		27.0	0.0	
100	QPSK	1	271		26.12		27.0	0.0	
100	QPSK	135	0		25.12				
100	QPSK	135	69		26.10		27.0	0.0	
100	QPSK	135	138		25.10		28.0	1.0	
100	QPSK	270	0		25.02				
100	16QAM	1	1		25.34				
100	64QAM	1	1		23.66		24.5	2.5	
100	256QAM	1	1		24.70		22.5	4.5	
Channel				649668	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3750	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1		26.26	26.19	26.20	27.0	0.0
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1		26.20	26.29	26.18	27.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3734	3750	3766	(dBm)	(dB)	
70	QPSK	1	1		26.22	26.21	26.25	27.0	0.0
Channel				648668	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1		26.26	26.20	26.23	27.0	0.0
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1		26.20	26.29	26.19	27.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		26.29	26.26	26.30	27.0	0.0
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1		26.19	26.18	26.19	27.0	0.0
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
25	QPSK	1	1		26.21	26.27	26.23	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)	
20	QPSK	1	1		26.30	26.20	26.20	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
15	QPSK	1	1		26.24	26.28	26.25	27.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		26.26	26.23	26.17	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Class / Freq	Power Class / Freq	Power Class / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1880	1890			
Frequency (MHz)									
40	P2Z BPSK	1	1	17.99	18.12	18.02			
40	P2Z BPSK	1	108	18.07	18.08	18.00	19.0	0.0	
40	P2Z BPSK	1	214	18.03	18.09	17.97			
40	P2Z BPSK	108	0	18.07	18.11	18.00	19.0	0.0	
40	P2Z BPSK	108	54	18.07	18.10	17.99	19.0	0.0	
40	P2Z BPSK	108	108	18.02	18.05	18.03	19.0	0.0	
40	P2Z BPSK	216	0	18.00	18.09	17.99			
40	QPSK	1	1	18.12	18.16	18.07			
40	QPSK	1	108	18.03	18.11	18.00	19.0	0.0	
40	QPSK	1	214	18.02	18.11	17.97			
40	QPSK	108	0	18.02	18.05	18.02	19.0	0.0	
40	QPSK	108	54	18.08	18.10	18.05	19.0	0.0	
40	QPSK	108	108	18.00	18.06	18.02			
40	QPSK	216	0	18.03	18.04	18.01	19.0	0.0	
40	16QAM	1	1	18.00	18.10	17.98	19.0	0.0	
40	64QAM	1	1	18.04	18.08	18.03	19.0	0.0	
40	256QAM	1	1	18.03	18.00	17.96	19.0	0.0	
Channel				375000	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
35	QPSK	1	1	18.09	18.07	17.97	19.0	0.0	
Channel				372000	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	18.11	18.10	18.00	19.0	0.0	
Channel				372500	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	18.03	18.11	17.97	19.0	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	18.02	18.06	18.00	19.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	18.02	18.07	18.02	19.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	18.02	18.09	17.99	19.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	1	18.05	18.06	18.02	19.0	0.0	

Reduced Power Mode for ECI 3									
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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				1870	1880	1890			
Frequency (MHz)									
40	PlZ BPSK	1	1	20.13	20.13	20.16			
40	PlZ BPSK	1	108	20.16	20.16	20.16	21.0	0.0	
40	PlZ BPSK	1	214	20.14	20.21	20.10			
40	PlZ BPSK	108	0	20.18	20.14	20.10	21.0	0.0	
40	PlZ BPSK	108	54	20.16	20.12	20.13	21.0	0.0	
40	PlZ BPSK	108	108	20.17	20.15	20.15	21.0	0.0	
40	PlZ BPSK	216	0	20.12	20.18	20.16			
40	QPSK	1	1	20.21	20.24	20.15			
40	QPSK	1	108	20.12	20.20	20.14	21.0	0.0	
40	QPSK	1	214	20.14	20.15	20.07			
40	QPSK	108	0	20.09	20.14	20.09	21.0	0.0	
40	QPSK	108	54	20.13	20.18	20.14	21.0	0.0	
40	QPSK	108	108	20.08	20.13	20.04			
40	QPSK	216	0	20.11	20.15	20.13	21.0	0.0	
40	16QAM	1	1	20.17	20.12	20.11	21.0	0.0	
40	64QAM	1	1	19.84	19.77	19.84	21.0	0.0	
40	256QAM	1	1	17.85	17.75	17.75	19.5	1.5	
Channel				373500	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
35	QPSK	1	1	20.16	20.18	20.11	21.0	0.0	
Channel				373000	376000	376000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
30	QPSK	1	1	20.16	20.21	20.10	21.0	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1887.5			
25	QPSK	1	1	20.14	20.15	20.06	21.0	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	1	20.18	20.17	20.07	21.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	1	20.19	20.20	20.08	21.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	1	20.11	20.19	20.08	21.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	1	20.14	20.15	20.14	21.0	0.0	

n2_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				374000	376000	378000			
Frequency (MHz)				1818	1820	1820			
40	PlZ BPSK	1	1	18.18	18.22	18.20			
40	PlZ BPSK	1	108	18.15	18.19	18.12	19.0	0.0	
40	PlZ BPSK	1	214	18.18	18.20	18.18			
40	PlZ BPSK	108	0	18.20	18.20	18.13	19.0	0.0	
40	PlZ BPSK	108	54	18.19	18.21	18.20	19.0	0.0	
40	PlZ BPSK	108	108	18.20	18.21	18.15	19.0	0.0	
40	PlZ BPSK	216	0	18.14	18.19	18.13			
40	QPSK	1	1	18.27	18.27	18.21			
40	QPSK	1	108	18.22	18.15	18.18	19.0	0.0	
40	QPSK	1	214	18.22	18.17	18.17			
40	QPSK	108	0	18.14	18.16	18.15	19.0	0.0	
40	QPSK	108	54	18.16	18.23	18.20	19.0	0.0	
40	QPSK	108	108	18.13	18.20	18.13			
40	QPSK	216	0	18.18	18.21	18.13	19.0	0.0	
40	16QAM	1	1	18.13	18.19	18.13	19.0	0.0	
40	64QAM	1	1	18.20	18.17	18.20	19.0	0.0	
40	256QAM	1	1	17.89	17.86	17.89	19.0	0.0	
Channel				373000	376000	378000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1815	1820	1808			
35	QPSK	1	1	18.15	18.21	18.08	19.0	0.0	
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1816	1816	1815			
30	QPSK	1	1	18.14	18.21	18.09	19.0	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1817	1817	1814			
25	QPSK	1	1	18.17	18.21	18.14	19.0	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1815	1815	1814			
20	QPSK	1	1	18.15	18.17	18.14	19.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1815	1816	1802.5			
15	QPSK	1	1	18.23	18.22	18.14	19.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1815	1816	1805			
10	QPSK	1	1	18.19	18.24	18.14	19.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1815	1815	1804.5			
5	QPSK	1	1	18.17	18.20	18.13	19.0	0.0	

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16600	Power Middle Ch. / Freq. 16700	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	838		
Frequency (MHz)				834	836.5	838		
20	PI2 BPSK	1	1	22.61	22.62	22.61		
20	PI2 BPSK	1	53	22.59	22.61	22.65	24.0	0.0
20	PI2 BPSK	1	104	22.59	22.79	22.63		
20	PI2 BPSK	50	0	21.99	22.16	22.01	23.5	0.5
20	PI2 BPSK	50	28	22.54	22.77	22.56	24.0	0.0
20	PI2 BPSK	50	56	22.00	22.24	22.02		
20	PI2 BPSK	100	0	22.01	22.21	22.08	23.5	0.5
20	QPSK	1	1	22.49	22.63	22.75		
20	QPSK	1	53	22.47	22.71	22.50	24.0	0.0
20	QPSK	1	104	22.57	22.75	22.59		
20	QPSK	50	0	21.45	21.75	21.50	23.0	1.0
20	QPSK	50	28	22.50	22.71	22.58	24.0	0.0
20	QPSK	50	56	21.46	21.69	21.47		
20	QPSK	100	0	21.57	21.68	21.49	23.0	1.0
20	16QAM	1	1	21.79	22.05	21.89	23.0	1.0
20	64QAM	1	1	19.80	20.05	19.86	21.5	2.5
20	256QAM	1	1	18.00	18.25	18.11	19.5	4.5
Channel				166300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.58	22.70	22.68	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.61	22.78	22.70	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				838.5	836.5	846.5		
5	QPSK	1	1	22.61	22.81	22.69	24.0	0.0

n5_Ant 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16600	Power Middle Ch. / Freq. 16700	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	838		
Frequency (MHz)				834	836.5	838		
20	PI2 BPSK	1	1	22.46	22.49	22.52		
20	PI2 BPSK	1	53	22.47	22.49	22.44	24.0	0.0
20	PI2 BPSK	1	104	22.53	22.54	22.48		
20	PI2 BPSK	50	0	21.84	21.83	21.76	23.5	0.5
20	PI2 BPSK	50	28	22.45	22.44	22.33	24.0	0.0
20	PI2 BPSK	50	56	21.84	21.92	21.83		
20	PI2 BPSK	100	0	21.90	21.93	21.90	23.5	0.5
20	QPSK	1	1	22.59	22.61	22.54		
20	QPSK	1	53	22.31	22.48	22.27	24.0	0.0
20	QPSK	1	104	22.39	22.45	22.40		
20	QPSK	50	0	21.45	21.45	21.38	23.0	1.0
20	QPSK	50	28	22.45	22.46	22.33	24.0	0.0
20	QPSK	50	56	21.35	21.40	21.31		
20	QPSK	100	0	21.31	21.40	21.37	23.0	1.0
20	16QAM	1	1	21.77	21.71	21.75	23.0	1.0
20	64QAM	1	1	19.66	19.62	19.73	21.5	2.5
20	256QAM	1	1	17.95	17.91	17.83	19.5	4.5
Channel				168300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.52	22.59	22.43	24.0	0.0
Channel				168300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.50	22.54	22.49	24.0	0.0
Channel				168300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				838.5	836.5	846.5		
5	QPSK	1	1	22.47	22.47	22.42	24.0	0.0

n7_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power Middle Ch. / Freq. 50700	Power High Ch. / Freq. 50900	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545		
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	18.00	18.01	17.91		
50	PI2 BPSK	1	156	17.92	17.97	17.89	19.0	0.0
50	PI2 BPSK	1	288	17.82	18.04	17.97		
50	PI2 BPSK	136	0	17.95	18.03	17.94	19.0	0.0
50	PI2 BPSK	136	68	17.89	17.88	17.85	19.0	0.0
50	PI2 BPSK	136	136	17.92	18.02	17.90	19.0	0.0
50	PI2 BPSK	270	0	17.95	18.02	17.91		
50	QPSK	1	1	18.20	18.27	18.16		
50	QPSK	1	136	18.00	18.05	17.96	19.0	0.0
50	QPSK	1	288	17.95	18.04	17.95		
50	QPSK	136	0	17.92	18.02	17.89	19.0	0.0
50	QPSK	136	68	18.03	18.07	17.95	19.0	0.0
50	QPSK	136	136	18.00	17.98	17.94		
50	QPSK	270	0	17.98	18.00	17.92	19.0	0.0
50	16QAM	1	1	17.99	17.98	17.91	19.0	0.0
50	64QAM	1	1	17.91	18.03	17.91	19.0	0.0
50	256QAM	1	1	17.99	17.99	17.93	19.0	0.0
Channel				50000	50700	51000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2520	2535	2550		
40	QPSK	1	1	17.85	18.03	17.82	19.0	0.0
Channel				50000	50700	51000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2517.5	2535	2552.5		
35	QPSK	1	1	18.02	18.10	17.96	19.0	0.0
Channel				50000	50700	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	1	18.03	18.03	17.99	19.0	0.0
Channel				50000	50700	51000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	1	17.97	18.04	17.98	19.0	0.0
Channel				50000	50700	51200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	17.96	18.09	17.99	19.0	0.0
Channel				50000	50700	51300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.04	18.02	17.92	19.0	0.0
Channel				50000	50700	51300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	17.97	18.03	17.97	19.0	0.0

n7_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power High Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545			
Frequency (MHz)									
50	Pl2 BPSK	1	1	18.09	18.13	18.03	19.0	0.0	
50	Pl2 BPSK	1	135	18.11	18.13	18.08			
50	Pl2 BPSK	1	268	18.07	18.12	18.01			
50	Pl2 BPSK	135	0	18.09	18.06	18.09	19.0	0.0	
50	Pl2 BPSK	135	68	18.06	18.08	18.01	19.0	0.0	
50	Pl2 BPSK	135	135	18.08	18.10	18.07	19.0	0.0	
50	Pl2 BPSK	270	0	18.07	18.13	18.05	19.0	0.0	
50	QPSK	1	1	18.14	18.17	18.13			
50	QPSK	1	135	18.02	18.07	18.00			
50	QPSK	1	268	18.05	18.15	18.01	19.0	0.0	
50	QPSK	135	0	18.08	18.07	18.03			
50	QPSK	135	68	18.09	18.11	18.05			
50	QPSK	135	135	18.03	18.08	18.01	19.0	0.0	
50	QPSK	270	0	18.01	18.05	18.03			
50	16QAM	1	1	18.11	18.12	18.04	19.0	0.0	
50	64QAM	1	1	18.10	18.13	18.06	19.0	0.0	
50	256QAM	1	1	18.06	18.14	18.02	19.0	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
40	QPSK	1	1	18.07	18.11	18.12	19.0	0.0	
Channel				505000	507000	510500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
35	QPSK	1	1	18.05	18.14	18.09	19.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
30	QPSK	1	1	18.13	18.10	18.08	19.0	0.0	
Channel				502900	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
25	QPSK	1	1	18.04	18.14	18.10	19.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1	18.13	18.13	18.12	19.0	0.0	
Channel				507500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1	18.07	18.09	18.06	19.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1	18.08	18.10	18.08	19.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	1	18.08	18.12	18.11	19.0	0.0	

n7_Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. 50000	Power Ch. / Freq. 507000	Power Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	Pl2 BPSK	1	1	19.36	19.43	19.34	20.5	0.0	
50	Pl2 BPSK	1	135	19.37	19.40	19.37			
50	Pl2 BPSK	1	268	19.32	19.38	19.31			
50	Pl2 BPSK	135	0	19.37	19.42	19.30	20.5	0.0	
50	Pl2 BPSK	135	68	19.38	19.43	19.37	20.5	0.0	
50	Pl2 BPSK	135	135	19.32	19.44	19.32	20.5	0.0	
50	Pl2 BPSK	270	0	19.35	19.44	19.32	20.5	0.0	
50	QPSK	1	1	19.43	19.47	19.38			
50	QPSK	1	135	19.41	19.41	19.34			
50	QPSK	1	268	19.41	19.44	19.33	20.5	0.0	
50	QPSK	135	0	19.31	19.37	19.24			
50	QPSK	135	68	19.35	19.46	19.31			
50	QPSK	135	135	19.34	19.43	19.30	20.5	0.0	
50	QPSK	270	0	19.33	19.40	19.32			
50	16QAM	1	1	19.34	19.40	19.33	20.5	0.0	
50	64QAM	1	1	19.39	19.43	19.29	20.5	0.0	
50	256QAM	1	1	19.03	19.09	17.86	19.5	1.0	
Channel									
				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	19.37	19.46	19.30	20.5	0.0	
Channel									
				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	19.34	19.43	19.37	20.5	0.0	
Channel									
				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	1	19.33	19.38	19.33	20.5	0.0	
Channel									
				502900	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2557.5			
25	QPSK	1	1	19.40	19.37	19.30	20.5	0.0	
Channel									
				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	19.35	19.39	19.32	20.5	0.0	
Channel									
				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.34	19.44	19.34	20.5	0.0	
Channel									
				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2509	2535	2565			
10	QPSK	1	1	19.41	19.43	19.29	20.5	0.0	
Channel									
				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.38	19.39	19.33	20.5	0.0	

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 168000	Power Mid Ch. / Freq. 169300	Power High Ch. / Freq. 169600	Tune-up limit (dbm)	MPR (db)	
Channel				824	831.5	839			
Frequency (MHz)									
20	Pl2 BPSK	1	1	22.82	22.83	22.84	24.0	0.0	
20	Pl2 BPSK	1	53	22.76	22.83	22.77			
20	Pl2 BPSK	1	104	22.83	22.84	22.70			
20	Pl2 BPSK	50	0	22.19	22.25	22.08	23.5	0.5	
20	Pl2 BPSK	50	28	22.82	22.81	22.70	24.0	0.0	
20	Pl2 BPSK	50	56	22.28	22.36	22.21	23.5	0.5	
20	Pl2 BPSK	100	0	22.18	22.28	22.25	24.0	0.0	
20	QPSK	1	1	22.91	22.97	22.88			
20	QPSK	1	53	22.87	22.78	22.72			
20	QPSK	1	104	22.72	22.74	22.73	23.0	1.0	
20	QPSK	50	0	21.70	21.86	21.79			
20	QPSK	50	28	22.72	22.78	22.64			
20	QPSK	50	56	21.72	21.78	21.66	23.0	1.0	
20	QPSK	100	0	21.62	21.72	21.70			
20	16QAM	1	1	22.10	22.10	21.88	23.0	1.0	
20	64QAM	1	1	20.10	20.05	20.00	21.5	2.5	
20	256QAM	1	1	19.29	19.38	19.26	19.5	4.5	
Channel				168300	169300	169300	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)									
15	QPSK	1	1	22.79	22.87	22.79	24.0	0.0	
Channel				168300	169300	169300	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)									
10	QPSK	1	1	22.83	22.87	22.83	24.0	0.0	
Channel				168300	169300	169300	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)									
5	QPSK	1	1	22.76	22.86	22.77	24.0	0.0	

n26(FCC)_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Mid Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	22.64	22.70	22.66	24.0	0.0	
20	P12 BPSK	1	53	22.56	22.73	22.61			
20	P12 BPSK	1	104	22.63	22.72	22.62			
20	P12 BPSK	50	0	21.95	21.96	22.02	23.5	0.5	
20	P12 BPSK	50	28	22.53	22.63	22.67	24.0	0.0	
20	P12 BPSK	50	56	22.02	22.13	22.16	23.5	0.5	
20	P12 BPSK	100	0	22.09	22.13	22.13			
20	QPSK	1	1	22.73	22.79	22.76	24.0	0.0	
20	QPSK	1	53	22.49	22.62	22.52			
20	QPSK	1	104	22.60	22.60	22.53			
20	QPSK	50	0	21.54	21.63	21.56	23.0	1.0	
20	QPSK	50	28	22.52	22.66	22.58	24.0	0.0	
20	QPSK	50	56	21.55	21.61	21.60	23.0	1.0	
20	QPSK	100	0	21.45	21.53	21.48			
20	16QAM	1	1	21.84	22.00	21.91	23.0	1.0	
20	64QAM	1	1	19.89	19.89	19.87	21.5	2.5	
20	256QAM	1	1	18.05	18.14	18.13	19.5	4.5	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.64	22.70	22.64	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.330	16.330	16.800	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	831.5	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.64	22.72	22.74	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.330	16.330	16.900	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	831.5	831.5	844	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.60	22.69	22.64	24.0	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
45	P12 BPSK	1	1	19.34	19.40	19.24	20.5	0.0	
45	P12 BPSK	1	122	19.35	19.31	19.27			
45	P12 BPSK	1	240	19.29	19.35	19.24			
45	P12 BPSK	120	0	19.28	19.36	19.27	20.5	0.0	
45	P12 BPSK	120	60	19.29	19.39	19.27	20.5	0.0	
45	P12 BPSK	120	122	19.34	19.39	19.29	20.5	0.0	
45	P12 BPSK	240	0	19.37	19.31	19.27			
45	QPSK	1	1	19.37	19.52	19.33	20.5	0.0	
45	QPSK	1	122	19.29	19.38	19.26			
45	QPSK	1	240	19.32	19.33	19.31			
45	QPSK	120	0	19.28	19.31	19.25	20.5	0.0	
45	QPSK	120	60	19.33	19.37	19.30	20.5	0.0	
45	QPSK	120	122	19.34	19.31	19.26	20.5	0.0	
45	QPSK	240	0	19.28	19.35	19.29			
45	16QAM	1	1	19.29	19.34	19.32	20.5	0.0	
45	64QAM	1	1	19.34	19.33	19.31	20.5	0.0	
45	256QAM	1	1	17.99	18.13	17.99	19.5	1.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.29	19.33	19.27	20.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	19.32	19.35	19.30	20.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.32	19.31	19.28	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.31	19.35	19.32	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.27	19.32	19.24	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.36	19.37	19.23	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.29	19.37	19.23	20.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	19.34	19.31	19.30	20.5	0.0	

n66_Ant 8											
BW [MHz]	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)											
45	P12 BPSK	1	1	19.53	19.62	19.51	20.5	0.0			
45	P12 BPSK	1	122	19.54	19.62	19.56					
45	P12 BPSK	1	240	19.57	19.63	19.48					
45	P12 BPSK	120	0	19.55	19.59	19.51	20.5	0.0			
45	P12 BPSK	120	60	19.53	19.59	19.48	20.5	0.0			
45	P12 BPSK	120	122	19.54	19.59	19.54	20.5	0.0			
45	P12 BPSK	240	0	19.57	19.56	19.49					
45	QPSK	1	1	19.59	19.69	19.59	20.5	0.0			
45	QPSK	1	122	19.51	19.58	19.54					
45	QPSK	1	240	19.57	19.54	19.52					
45	QPSK	120	0	19.57	19.55	19.50	20.5	0.0			
45	QPSK	120	60	19.59	19.65	19.54	20.5	0.0			
45	QPSK	120	122	19.52	19.61	19.52	20.5	0.0			
45	QPSK	240	0	19.55	19.55	19.49					
45	16QAM	1	1	19.52	19.55	19.47	20.5	0.0			
45	64QAM	1	1	19.58	19.63	19.50	20.5	0.0			
45	256QAM	1	1	18.25	18.31	18.29	19.5	1.0			
Channel											
Frequency (MHz)											
40	QPSK	1	1	19.59	19.65	19.51	20.5	0.0			
Channel											
Frequency (MHz)											
35	QPSK	1	1	19.62	19.63	19.54	20.5	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	19.62	19.64	19.48	20.5	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	19.55	19.64	19.54	20.5	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	19.60	19.67	19.57	20.5	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	19.61	19.63	19.55	20.5	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	19.58	19.63	19.50	20.5	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	19.63	19.64	19.55	20.5	0.0			

n66_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				345000	345000	351000			
Frequency (MHz)				1732.5	1745	1757.5			
45	PI2 BPSK	1	1	19.38	19.40	19.33	20.5	0.0	
45	PI2 BPSK	1	122	19.43	19.44	19.34			
45	PI2 BPSK	1	240	19.40	19.46	19.34			
45	PI2 BPSK	120	0	19.38	19.47	19.41	20.5	0.0	
45	PI2 BPSK	120	60	19.38	19.40	19.41	20.5	0.0	
45	PI2 BPSK	120	120	19.42	19.48	19.38	20.5	0.0	
45	PI2 BPSK	240	0	19.39	19.49	19.39			
45	QPSK	1	1	19.45	19.56	19.51	20.5	0.0	
45	QPSK	1	122	19.45	19.43	19.34			
45	QPSK	1	240	19.40	19.45	19.33			
45	QPSK	120	0	19.41	19.44	19.35	20.5	0.0	
45	QPSK	120	60	19.46	19.49	19.48	20.5	0.0	
45	QPSK	120	122	19.44	19.42	19.38	20.5	0.0	
45	QPSK	240	0	19.38	19.40	19.38			
45	16QAM	1	1	19.36	19.47	19.38	20.5	0.0	
45	64QAM	1	1	19.44	19.41	19.39	20.5	0.0	
45	256QAM	1	1	19.14	19.16	19.13	19.5	1.0	
Channel				345000	345000	352000	Tune-up limit	MPR	
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)	
40	QPSK	1	1	19.40	19.47	19.47	20.5	0.0	
Channel				345000	345000	352000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
35	QPSK	1	1	19.47	19.50	19.50	20.5	0.0	
Channel				345000	345000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1767.5	(dBm)	(dB)	
30	QPSK	1	1	19.44	19.55	19.42	20.5	0.0	
Channel				344500	345000	353500	Tune-up limit	MPR	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
25	QPSK	1	1	19.46	19.49	19.45	20.5	0.0	
Channel				344000	345000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	19.39	19.48	19.48	20.5	0.0	
Channel				343500	345000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	19.45	19.55	19.46	20.5	0.0	
Channel				343000	345000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	19.45	19.55	19.41	20.5	0.0	
Channel				342500	345000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	19.44	19.48	19.48	20.5	0.0	

n71_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134500	134500	139500			
Frequency (MHz)				673	680.5	688			
20	PI2 BPSK	1	1	22.52	22.59	22.50	24.0	0.0	
20	PI2 BPSK	1	53	22.55	22.62	22.57			
20	PI2 BPSK	1	104	22.44	22.61	22.52			
20	PI2 BPSK	50	0	21.84	21.91	21.82	23.5	0.5	
20	PI2 BPSK	50	28	22.49	22.55	22.47	24.0	0.0	
20	PI2 BPSK	50	56	22.01	22.00	21.92	23.5	0.5	
20	PI2 BPSK	100	0	21.92	22.04	21.96			
20	QPSK	1	1	22.63	22.68	22.61	24.0	0.0	
20	QPSK	1	53	22.38	22.44	22.38			
20	QPSK	1	104	22.52	22.68	22.42			
20	QPSK	50	0	21.45	21.48	21.40	23.0	1.0	
20	QPSK	50	28	22.49	22.52	22.35	24.0	0.0	
20	QPSK	50	56	21.36	21.47	21.36	23.0	1.0	
20	QPSK	100	0	21.37	21.39	21.31			
20	16QAM	1	1	21.83	21.82	21.79	23.0	1.0	
20	64QAM	1	1	19.81	19.83	19.70	21.5	2.5	
20	256QAM	1	1	19.02	19.04	17.88	19.5	4.5	
Channel				134100	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.55	22.54	22.51	24.0	0.0	
Channel				133600	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.59	22.54	22.58	24.0	0.0	
Channel				133100	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.57	22.58	22.55	24.0	0.0	

n71_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				134500	134500	139500			
Frequency (MHz)				673	680.5	688			
20	PI2 BPSK	1	1	22.62	22.61	22.49	24.0	0.0	
20	PI2 BPSK	1	53	22.56	22.59	22.56			
20	PI2 BPSK	1	104	22.55	22.57	22.48			
20	PI2 BPSK	50	0	21.89	21.91	21.85	23.5	0.5	
20	PI2 BPSK	50	28	22.58	22.58	22.48	24.0	0.0	
20	PI2 BPSK	50	56	22.01	22.02	22.03	23.5	0.5	
20	PI2 BPSK	100	0	22.06	22.06	21.91			
20	QPSK	1	1	22.65	22.73	22.63	24.0	0.0	
20	QPSK	1	53	22.56	22.60	22.44			
20	QPSK	1	104	22.44	22.62	22.41			
20	QPSK	50	0	21.52	21.55	21.52	23.0	1.0	
20	QPSK	50	28	22.51	22.58	22.35	24.0	0.0	
20	QPSK	50	56	21.49	21.50	21.36	23.0	1.0	
20	QPSK	100	0	21.41	21.53	21.45			
20	16QAM	1	1	21.84	21.93	21.71	23.0	1.0	
20	64QAM	1	1	19.78	19.81	19.78	21.5	2.5	
20	256QAM	1	1	19.09	19.09	18.04	19.5	4.5	
Channel				134100	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.58	22.59	22.59	24.0	0.0	
Channel				133600	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.65	22.72	22.55	24.0	0.0	
Channel				133100	134100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.54	22.65	22.50	24.0	0.0	

n38_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	16.93	16.95	16.82	18.0	0.0	
40	PI2 BPSK	1	53	16.95	16.94	16.81			
40	PI2 BPSK	1	104	16.89	16.93	16.81			
40	PI2 BPSK	50	0	16.94	16.93	16.90			
40	PI2 BPSK	50	28	16.94	16.91	16.85	18.0	0.0	
40	PI2 BPSK	50	56	16.97	16.95	16.87	18.0	0.0	
40	PI2 BPSK	100	0	16.91	16.87	16.81	18.0	0.0	
40	QPSK	1	1	16.96	16.99	16.93			
40	QPSK	1	53	16.94	16.89	16.88			
40	QPSK	1	104	16.96	16.93	16.81			
40	QPSK	50	0	16.87	16.92	16.88	18.0	0.0	
40	QPSK	50	28	16.93	16.94	16.91			
40	QPSK	50	56	16.93	16.90	16.89			
40	QPSK	100	0	16.89	16.90	16.84			
40	16QAM	1	1	16.91	16.88	16.85	18.0	0.0	
40	64QAM	1	1	16.95	16.89	16.89	18.0	0.0	
40	256QAM	1	1	16.95	16.91	16.81	18.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.90	16.91	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.95	16.97	16.91	18.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.92	16.93	16.84	18.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.93	16.89	16.84	18.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.89	16.89	16.84	18.0	0.0	

n38_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 519004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	19.26	19.36	19.24	20.5	0.0	
40	PI2 BPSK	1	53	19.26	19.32	19.26			
40	PI2 BPSK	1	104	19.26	19.38	19.24			
40	PI2 BPSK	50	0	19.29	19.36	19.28			
40	PI2 BPSK	50	28	19.32	19.31	19.29	20.5	0.0	
40	PI2 BPSK	50	56	19.34	19.31	19.28	20.5	0.0	
40	PI2 BPSK	100	0	19.33	19.32	19.24	20.5	0.0	
40	QPSK	1	1	19.37	19.41	19.36			
40	QPSK	1	53	19.33	19.32	19.22			
40	QPSK	1	104	19.31	19.33	19.30			
40	QPSK	50	0	19.29	19.36	19.22	20.5	0.0	
40	QPSK	50	28	19.29	19.37	19.34			
40	QPSK	50	56	19.29	19.36	19.28			
40	QPSK	100	0	19.33	19.34	19.28			
40	16QAM	1	1	19.34	19.34	19.28	20.5	0.0	
40	64QAM	1	1	19.27	19.37	19.21	20.5	0.0	
40	256QAM	1	1	17.89	17.84	17.81	19.5	1.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.33	19.39	19.27	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.29	19.36	19.32	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.35	19.39	19.32	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.33	19.37	19.28	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.35	19.33	19.31	20.5	0.0	

n38_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 519004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	19.59	19.59	19.51	20.5	0.0	
40	PI2 BPSK	1	53	19.59	19.57	19.49			
40	PI2 BPSK	1	104	19.60	19.60	19.47			
40	PI2 BPSK	50	0	19.55	19.53	19.50			
40	PI2 BPSK	50	28	19.59	19.57	19.54	20.5	0.0	
40	PI2 BPSK	50	56	19.54	19.58	19.52	20.5	0.0	
40	PI2 BPSK	100	0	19.54	19.58	19.52	20.5	0.0	
40	QPSK	1	1	19.60	19.61	19.59			
40	QPSK	1	53	19.57	19.55	19.47			
40	QPSK	1	104	19.55	19.51	19.51			
40	QPSK	50	0	19.51	19.64	19.55	20.5	0.0	
40	QPSK	50	28	19.55	19.59	19.56			
40	QPSK	50	56	19.57	19.57	19.48			
40	QPSK	100	0	19.50	19.57	19.49			
40	16QAM	1	1	19.57	19.60	19.49	20.5	0.0	
40	64QAM	1	1	19.54	19.58	19.54	20.5	0.0	
40	256QAM	1	1	19.18	19.09	19.16	19.5	1.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.52	19.55	19.54	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.52	19.55	19.55	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.54	19.54	19.52	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.59	19.57	19.54	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.55	19.54	19.51	20.5	0.0	

n38_Ant 6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	P2 PSK	1	1	20.61	20.73	20.71			
40	P2 PSK	1	53	20.65	20.65	20.62	22.0	0.0	
40	P2 PSK	1	104	20.28	20.38	20.25			
40	P2 PSK	50	0	20.15	20.31	20.24	21.5	0.5	
40	P2 PSK	50	28	20.57	20.61	20.24	22.0	0.0	
40	P2 PSK	50	56	20.25	20.37	20.31	21.5	0.5	
40	P2 PSK	100	0	20.21	20.32	20.25			
40	QPSK	1	1	20.69	20.74	20.71			
40	QPSK	1	53	20.65	20.71	20.42	22.0	0.0	
40	QPSK	1	104	20.47	20.54	20.37			
40	QPSK	50	0	19.48	19.52	19.48			
40	QPSK	50	28	20.53	20.60	20.25	22.0	0.0	
40	QPSK	50	56	19.45	19.55	19.48			
40	QPSK	100	0	19.71	19.73	19.68	21.0	1.0	
40	16QAM	1	1	19.61	19.69	19.68	21.0	1.0	
40	64QAM	1	1	17.72	17.89	17.81	19.5	2.5	
40	256QAM	1	1	15.78	15.91	15.71	17.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.61	20.64	20.61	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.48	20.61	20.55	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.49	20.65	20.64	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.45	20.63	20.51	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.59	20.65	20.57	22.0	0.0	

FCC_n41_Ant 2_PC3									
BW (MHz)	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	P2 PSK	1	1	16.95	17.05	16.93			
100	P2 PSK	1	137	16.97	17.02	16.90	18.0	0.0	
100	P2 PSK	1	271	17.00	17.05	16.99			
100	P2 PSK	135	0	16.93	17.03	16.92	18.0	0.0	
100	P2 PSK	135	69	17.01	16.97	16.98	18.0	0.0	
100	P2 PSK	135	138	17.00	17.02	16.99	18.0	0.0	
100	P2 PSK	270	0	17.02	16.97	16.98			
100	QPSK	1	1	17.05	17.05	16.99			
100	QPSK	1	137	16.97	17.02	16.98	18.0	0.0	
100	QPSK	1	271	16.97	17.00	16.92			
100	QPSK	135	0	17.01	16.99	16.98			
100	QPSK	135	69	16.93	17.04	16.97	18.0	0.0	
100	QPSK	135	138	17.00	17.00	16.98	18.0	0.0	
100	QPSK	270	0	16.96	17.01	16.99	18.0	0.0	
100	16QAM	1	1	16.99	17.02	16.91	18.0	0.0	
100	64QAM	1	1	16.93	17.05	16.94	18.0	0.0	
100	256QAM	1	1	17.02	17.05	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.98	17.06	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.00	17.09	16.92	18.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.97	17.01	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.02	17.03	16.95	18.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.96	17.07	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	17.02	17.09	16.93	18.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.99	17.02	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	16.99	17.02	16.97	18.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.96	17.04	16.97	18.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.97	17.03	16.95	18.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.02	17.03	16.96	18.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.95	17.00	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.02	17.09	16.92	18.0	0.0	

FCC_n41_Ant 2_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	16.95	17.05	16.93			
100	P2 PSK	1	137	16.97	17.02	16.90	18.0	0.0	
100	P2 PSK	1	271	17.00	17.05	16.99			
100	P2 PSK	135	0	16.93	17.03	16.92	18.0	0.0	
100	P2 PSK	135	69	17.01	16.97	16.98	18.0	0.0	
100	P2 PSK	135	138	17.00	17.02	16.99	18.0	0.0	
100	P2 PSK	270	0	17.02	16.97	16.98			
100	QPSK	1	1	17.05	17.05	16.99			
100	QPSK	1	137	16.97	17.02	16.98	18.0	0.0	
100	QPSK	1	271	16.97	17.00	16.92			
100	QPSK	135	0	17.01	16.99	16.98			
100	QPSK	135	69	16.93	17.04	16.97	18.0	0.0	
100	QPSK	135	138	17.00	17.00	16.98	18.0	0.0	
100	QPSK	270	0	16.96	17.01	16.99	18.0	0.0	
100	16QAM	1	1	16.99	17.02	16.91	18.0	0.0	
100	64QAM	1	1	16.93	17.05	16.94	18.0	0.0	
100	256QAM	1	1	17.02	17.05	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.98	17.06	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.00	17.09	16.92	18.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.97	17.01	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.02	17.03	16.95	18.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.96	17.07	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	17.02	17.09	16.93	18.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.99	17.02	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	16.99	17.02	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.99	17.02	16.98	18.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.97	17.03	16.95	18.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.02	17.03	16.96	18.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.99	17.00	16.89	18.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.02	17.09	16.92	18.0	0.0	

FCC_n41_Ant 8_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560			
100	Pi2 BPSK	1	1	19.37	19.45	19.45			
100	Pi2 BPSK	1	137	19.38	19.48	19.41	20.5	0.0	
100	Pi2 BPSK	1	271	19.41	19.39	19.40			
100	Pi2 BPSK	135	0	19.41	19.46	19.40	20.5	0.0	
100	Pi2 BPSK	135	69	19.38	19.46	19.39	20.5	0.0	
100	Pi2 BPSK	135	135	19.41	19.41	19.41			
100	Pi2 BPSK	270	0	19.42	19.43	19.45	20.5	0.0	
100	QPSK	1	1	19.47	19.53	19.52			
100	QPSK	1	137	19.36	19.41	19.46			
100	QPSK	1	271	19.34	19.48	19.40	20.5	0.0	
100	QPSK	135	0	19.36	19.48	19.37			
100	QPSK	135	69	19.39	19.48	19.45	20.5	0.0	
100	QPSK	135	135	19.38	19.42	19.42			
100	QPSK	270	0	19.34	19.46	19.43	20.5	0.0	
100	16QAM	1	1	19.42	19.41	19.40	20.5	0.0	
100	16QAM	1	1	19.33	19.46	19.41	20.5	0.0	
100	16QAM	1	1	19.36	19.42	19.40	20.5	0.0	
100	256QAM	1	1	19.34	19.46	19.43	20.5	0.0	
Channel									
Frequency (MHz)				2541	2552.99	2564.98			
90	QPSK	1	1	19.37	19.47	19.45	20.5	0.0	
Channel									
Frequency (MHz)				2536.02	2552.99	2569.99			
80	QPSK	1	1	19.39	19.47	19.45	20.5	0.0	
Channel									
Frequency (MHz)				506202	518598	531000			
70	QPSK	1	1	19.41	19.50	19.42	20.5	0.0	
Channel									
Frequency (MHz)				505200	518598	531996			
60	QPSK	1	1	19.40	19.45	19.48	20.5	0.0	
Channel									
Frequency (MHz)				504204	518598	532998			
50	QPSK	1	1	19.39	19.49	19.44	20.5	0.0	
Channel									
Frequency (MHz)				2518.5	2552.99	2567.48			
45	QPSK	1	1	19.41	19.49	19.46	20.5	0.0	
Channel									
Frequency (MHz)				2516.01	2552.99	2570			
40	QPSK	1	1	19.41	19.47	19.42	20.5	0.0	
Channel									
Frequency (MHz)				502704	518598	534498			
35	QPSK	1	1	19.44	19.48	19.46	20.5	0.0	
Channel									
Frequency (MHz)				502200	518598	534996			
30	QPSK	1	1	19.43	19.51	19.45	20.5	0.0	
Channel									
Frequency (MHz)				501702	518598	535500			
25	QPSK	1	1	19.40	19.44	19.43	20.5	0.0	
Channel									
Frequency (MHz)				2508.02	2552.99	2579.98			
20	QPSK	1	1	19.41	19.46	19.43	20.5	0.0	
Channel									
Frequency (MHz)				500700	518598	536496			
15	QPSK	1	1	19.45	19.44	19.45	20.5	0.0	
Channel									
Frequency (MHz)				500202	518598	537000			
10	QPSK	1	1	19.43	19.48	19.42	20.5	0.0	

FCC_n41_Ant 8_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560			
100	Pi2 BPSK	1	1	19.37	19.45	19.45			
100	Pi2 BPSK	1	137	19.38	19.48	19.41	20.5	0.0	
100	Pi2 BPSK	1	271	19.41	19.39	19.40			
100	Pi2 BPSK	135	0	19.41	19.46	19.40	20.5	0.0	
100	Pi2 BPSK	135	69	19.38	19.46	19.39	20.5	0.0	
100	Pi2 BPSK	135	135	19.41	19.41	19.41			
100	Pi2 BPSK	270	0	19.42	19.43	19.45	20.5	0.0	
100	QPSK	1	1	19.47	19.53	19.52			
100	QPSK	1	137	19.36	19.41	19.46			
100	QPSK	1	271	19.34	19.48	19.40	20.5	0.0	
100	QPSK	135	0	19.36	19.48	19.37			
100	QPSK	135	69	19.39	19.48	19.45	20.5	0.0	
100	QPSK	135	135	19.38	19.42	19.42			
100	QPSK	270	0	19.34	19.46	19.43	20.5	0.0	
100	16QAM	1	1	19.42	19.41	19.40	20.5	0.0	
100	16QAM	1	1	19.33	19.46	19.41	20.5	0.0	
100	16QAM	1	1	19.36	19.42	19.40	20.5	0.0	
100	256QAM	1	1	19.34	19.46	19.43	20.5	0.0	
Channel									
Frequency (MHz)				2541	2552.99	2564.98			
90	QPSK	1	1	19.37	19.47	19.45	20.5	0.0	
Channel									
Frequency (MHz)				2536.02	2552.99	2569.99			
80	QPSK	1	1	19.39	19.47	19.45	20.5	0.0	
Channel									
Frequency (MHz)				506202	518598	531000			
70	QPSK	1	1	19.41	19.50	19.42	20.5	0.0	
Channel									
Frequency (MHz)				505200	518598	531996			
60	QPSK	1	1	19.40	19.45	19.48	20.5	0.0	
Channel									
Frequency (MHz)				504204	518598	532998			
50	QPSK	1	1	19.39	19.49	19.44	20.5	0.0	
Channel									
Frequency (MHz)				2518.5	2552.99	2567.48			
45	QPSK	1	1	19.41	19.49	19.46	20.5	0.0	
Channel									
Frequency (MHz)				2516.01	2552.99	2570			
40	QPSK	1	1	19.41	19.47	19.42	20.5	0.0	
Channel									
Frequency (MHz)				502704	518598	534498			
35	QPSK	1	1	19.44	19.48	19.46	20.5	0.0	
Channel									
Frequency (MHz)				502200	518598	534996			
30	QPSK	1	1	19.43	19.51	19.45	20.5	0.0	
Channel									
Frequency (MHz)				501702	518598	535500			
25	QPSK	1	1	19.40	19.44	19.43	20.5	0.0	
Channel									
Frequency (MHz)				2508.02	2552.99	2579.98			
20	QPSK	1	1	19.41	19.46	19.43	20.5	0.0	
Channel									
Frequency (MHz)				500700	518598	536496			
15	QPSK	1	1	19.45	19.44	19.45	20.5	0.0	
Channel									
Frequency (MHz)				500202	518598	537000			
10	QPSK	1	1	19.43	19.48	19.42	20.5	0.0	

FCC_n41_Ant 9_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560			
100	Pi2 BPSK	1	1	19.68	19.68	19.66			
100	Pi2 BPSK	1	137	19.65	19.67	19.62	20.5	0.0	
100	Pi2 BPSK	1	271	19.72	19.67	19.60			
100	Pi2 BPSK	135	0	19.69	19.64	19.66	20.5	0.0	
100	Pi2 BPSK	135	69	19.68	19.73	19.58	20.5	0.0	
100	Pi2 BPSK	135	135	19.64	19.70	19.59			
100	Pi2 BPSK	270	0	19.72	19.67	19.63	20.5	0.0	
100	QPSK	1	1	19.72	19.79	19.70			
100	QPSK	1	137	19.68	19.72	19.65			
100	QPSK	1	271	19.68	19.72	19.65	20.5	0.0	
100	QPSK	135	0	19.69	19.68	19.59			
100	QPSK	135	69	19.65	19.70	19.60	20.5	0.0	
100	QPSK	135	135	19.65	19.66	19.64			
100	QPSK	270	0	19.68	19.65	19.64	20.5	0.0	

FCC_n41_Ant 9_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	19.68	19.68	19.68			
100	P22 BPSK	1	137	19.65	19.67	19.62	20.5	0.0	
100	P22 BPSK	1	271	19.72	19.67	19.60			
100	P22 BPSK	135	0	19.69	19.64	19.66	20.5	0.0	
100	P22 BPSK	135	69	19.68	19.73	19.58	20.5	0.0	
100	P22 BPSK	135	138	19.64	19.70	19.59			
100	P22 BPSK	270	0	19.72	19.67	19.63	20.5	0.0	
100	QPSK	1	1	19.72	19.70	19.70			
100	QPSK	1	137	19.65	19.71	19.57	20.5	0.0	
100	QPSK	1	271	19.68	19.72	19.66			
100	QPSK	135	0	19.69	19.68	19.59			
100	QPSK	135	69	19.65	19.70	19.60	20.5	0.0	
100	QPSK	135	138	19.65	19.66	19.64			
100	QPSK	270	0	19.66	19.69	19.64	20.5	0.0	
100	16QAM	1	1	19.66	19.65	19.59	20.5	0.0	
100	16QAM	1	137	19.64	19.69	19.62	20.5	0.0	
100	16QAM	1	271	19.63	19.68	19.61	20.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.71	19.73	19.64	20.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.65	19.74	19.60	20.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.63	19.70	19.60	20.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.60	19.69	19.61	20.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.67	19.76	19.62	20.5	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	19.66	19.69	19.69	20.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.69	19.75	19.64	20.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	19.66	19.71	19.62	20.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.64	19.73	19.69	20.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.62	19.72	19.65	20.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.70	19.77	19.63	20.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.66	19.78	19.67	20.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.70	19.73	19.62	20.5	0.0	

FCC_n41_Ant 6_PC3									
BW (MHz)	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	P22 BPSK	1	1	20.22	20.54	20.66			
100	P22 BPSK	1	137	20.63	20.46	20.78	22.0	0.0	
100	P22 BPSK	1	271	20.67	20.88	20.81			
100	P22 BPSK	135	0	20.38	20.65	20.75	22.0	0.0	
100	P22 BPSK	135	69	20.61	20.78	20.86	22.0	0.0	
100	P22 BPSK	135	138	20.65	20.41	20.91			
100	P22 BPSK	270	0	20.58	20.77	20.53	22.0	0.0	
100	QPSK	1	1	20.29	20.41	20.61			
100	QPSK	1	137	20.61	20.39	20.56	22.0	0.0	
100	QPSK	1	271	20.69	20.87	20.59			
100	QPSK	135	0	20.38	20.45	20.78			
100	QPSK	135	69	20.72	20.92	20.89	22.0	0.0	
100	QPSK	135	138	20.62	20.81	20.81			
100	QPSK	270	0	20.68	20.85	20.85	22.0	0.0	
100	16QAM	1	137	20.62	20.76	20.76	22.0	0.0	
100	16QAM	1	137	19.88	20.11	20.33	21.5	0.5	
100	25QAM	1	137	17.61	18.12	18.32	19.5	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.55	20.92	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.64	20.84	20.78	22.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.61	20.83	20.80	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.65	20.73	20.73	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.59	20.75	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	20.71	20.87	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.63	20.91	20.77	22.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	20.69	20.83	20.90	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.61	20.85	20.84	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.65	20.89	20.87	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.61	20.88	20.89	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.76	20.79	20.86	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.74	20.88	20.83	22.0	0.0	

FCC_n41_Ant 6_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	21.76	22.09	22.05			
100	P22 BPSK	1	137	21.73	22.04	21.98	23.0	0.0	
100	P22 BPSK	1	271	21.74	22.01	21.98			
100	P22 BPSK	135	0	21.71	21.88	22.10	23.0	0.0	
100	P22 BPSK	135	69	21.81	22.10	22.02	23.0	0.0	
100	P22 BPSK	135	138	21.80	22.09	22.00			
100	P22 BPSK	270	0	21.84	22.11	22.06	23.0	0.0	
100	QPSK	1	1	21.88	22.12	22.05			
100	QPSK	1	137	21.78	22.05	21.98	23.0	0.0	
100	QPSK	1	271	21.75	22.09	22.03			
100	QPSK	135	0	21.35	21.72	21.83			
100	QPSK	135	69	21.71	22.05	22.05			
100	QPSK	135	138	21.60	21.71	21.88			
100	QPSK	270	0	21.27	21.88	21.26	23.0	0.0	
100	16QAM	1	137	21.64	21.93	21.76	23.0	0.0	
100	64QAM	1	137	19.68	20.11	20.35	21.5	1.5	
100	256QAM	1	137	17.75	18.39	18.38	21.5	1.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.78	22.04	22.03	23.0	0.0	
90	QPSK	1	137	21.64	21.93	22.00	23.0	0.0	
90	QPSK	1	271	21.78	22.07	21.97	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.61	21.92	21.90	23.0	0.0	
70	QPSK	1	1	21.78	22.09	22.01	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.05	22.52	22.59	23.0	0.0	
50	QPSK	1	1	21.88	22.11	21.86	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.78	22.07	22.00	23.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	20.75	20.98	20.98	23.0	0.0	
45	QPSK	1	1	20.85	20.92	20.92	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.81	22.04	21.97	23.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	21.77	22.02	22.01	23.0	0.0	
35	QPSK	1	1	20.90	20.98	20.98	23.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.82	22.03	21.99	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.83	22.09	22.02	23.0	0.0	
20	QPSK	1	1	21.83	22.09	22.05	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.83	22.08	21.95	23.0	0.0	
15	QPSK	1	1	20.92	20.98	20.98	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.84	22.05	21.97	23.0	0.0	

Part270_n77_Ant 4_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 660000	Power High Ch. / Freq. 660000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PQ2 BPSK	1	1	20.64	20.71	20.58			
100	PQ2 BPSK	1	137	20.64	20.71	20.58	21.5	0.0	
100	PQ2 BPSK	1	271	20.64	20.74	20.59			
100	PQ2 BPSK	135	0	20.73	20.74	20.62	21.5	0.0	
100	PQ2 BPSK	135	69	20.69	20.72	20.57	21.5	0.0	
100	PQ2 BPSK	135	138	20.70	20.72	20.57			
100	PQ2 BPSK	270	0	20.70	20.73	20.58	21.5	0.0	
100	QPSK	1	1	20.72	20.77	20.65			
100	QPSK	1	137	20.64	20.72	20.59	21.5	0.0	
100	QPSK	1	271	20.65	20.72	20.54			
100	QPSK	135	0	20.64	20.67	20.53			
100	QPSK	135	69	20.66	20.69	20.63	21.5	0.0	
100	QPSK	135	138	20.59	20.67	20.53			
100	QPSK	270	0	20.67	20.68	20.55	21.5	0.0	
100	16QAM	1	1	20.66	20.72	20.63	21.5	0.0	
100	64QAM	1	1	20.68	20.69	20.62	21.5	0.0	
100	256QAM	1	1	20.68	20.72	20.61	21.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.67	20.69	20.59	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.65	20.72	20.56	21.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.69	20.72	20.64	21.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.69	20.73	20.59	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.67	20.68	20.57	21.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.69	20.76	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.70	20.72	20.58	21.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.64	20.67	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.63	20.73	20.62	21.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.69	20.71	20.63	21.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.71	20.76	20.58	21.5	0.0	

Part270_n77_Ant 4_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 660000	Power High Ch. / Freq. 660000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PQ2 BPSK	1	1	20.64	20.71	20.58			
100	PQ2 BPSK	1	137	20.64	20.71	20.58	21.5	0.0	
100	PQ2 BPSK	1	271	20.64	20.74	20.59			
100	PQ2 BPSK	135	0	20.73	20.74	20.62	21.5	0.0	
100	PQ2 BPSK	135	69	20.69	20.72	20.57	21.5	0.0	
100	PQ2 BPSK	135	138	20.70	20.72	20.57			
100	PQ2 BPSK	270	0	20.70	20.73	20.58	21.5	0.0	
100	QPSK	1	1	20.72	20.77	20.65			
100	QPSK	1	137	20.64	20.72	20.59	21.5	0.0	
100	QPSK	1	271	20.65	20.72	20.54			
100	QPSK	135	0	20.64	20.67	20.53			
100	QPSK	135	69	20.66	20.69	20.63	21.5	0.0	
100	QPSK	135	138	20.59	20.67	20.53			
100	QPSK	270	0	20.67	20.68	20.55	21.5	0.0	
100	16QAM	1	1	20.66	20.72	20.63	21.5	0.0	
100	64QAM	1	1	20.68	20.69	20.62	21.5	0.0	
100	256QAM	1	1	20.68	20.72	20.61	21.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.67	20.69	20.59	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.65	20.72	20.56	21.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.69	20.72	20.64	21.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.69	20.73	20.59	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.67	20.68	20.57	21.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.69	20.76	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.70	20.72	20.58	21.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.64	20.67	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.63	20.73	20.62	21.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.69	20.71	20.63	21.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.71	20.76	20.58	21.5	0.0	

Part270_n77_Ant 5_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 660000	Power High Ch. / Freq. 660000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PQ2 BPSK	1	1	22.78	22.85	22.70			
100	PQ2 BPSK	1	137	22.79	22.83	22.71	23.0	0.0	
100	PQ2 BPSK	1	271	22.78	22.83	22.78			
100	PQ2 BPSK	135	0	22.76	22.89	22.72	23.0	0.0	
100	PQ2 BPSK	135	69	22.80	22.83	22.78	23.0	0.0	
100	PQ2 BPSK	135	138	22.83	22.87	22.78			
100	PQ2 BPSK	270	0	22.85	22.86	22.76	23.0	0.0	
100	QPSK	1	1	22.80	22.82	22.69			
100	QPSK	1	137	22.77	22.85	22.71	23.0	0.0	
100	QPSK	1	271	22.85	22.85	22.78			
100	QPSK	135	0	22.76	22.83	22.70			
100	QPSK	135	69	22.79	22.85	22.69	23.0	0.0	
100	QPSK	135	138	22.76	22.83	22.72			
100	QPSK	270	0	22.79	22.84	22.79	23.0	0.0	
100	16QAM	1	1	22.80	22.81	22.73	23.0	0.0	
100	64QAM	1	1	22.83	22.80	22.78	23.0	0.0	
100	256QAM	1	1	22.89	22.84	22.83	22.5	0.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.87	22.91	22.81	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.82	22.87	22.82	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.80	22.88	22.87	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.80	22.88	22.86	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.89	22.87	22.84	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.89	22.87	22.84	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.88	22.86	22.85	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.88	22.86	22.86	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.88	22.86	22.86	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.87	22.87	22.87	23.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.87	22.87	22.87	23.0	0.0	

Part270_n77_Ant 5_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
150	PQ2 BPSK	1	1	22.78	22.85	22.70			
100	PQ2 BPSK	1	137	22.78	22.83	22.71	23.0	0.0	
100	PQ2 BPSK	1	271	22.78	22.83	22.78			
100	PQ2 BPSK	135	0	22.78	22.89	22.72	23.0	0.0	
100	PQ2 BPSK	135	69	22.80	22.83	22.78	23.0	0.0	
100	PQ2 BPSK	135	138	22.83	22.87	22.78	23.0	0.0	
100	PQ2 BPSK	270	0	22.85	22.85	22.70	23.0	0.0	
100	QPSK	1	1	22.90	22.92	22.88			
100	QPSK	1	137	22.77	22.85	22.71	23.0	0.0	
100	QPSK	1	271	22.85	22.85	22.75			
100	QPSK	135	0	22.76	22.83	22.70			
100	QPSK	135	69	22.75	22.85	22.80	23.0	0.0	
100	QPSK	135	138	22.76	22.83	22.72	23.0	0.0	
100	QPSK	270	0	22.78	22.81	22.75	23.0	0.0	
100	16QAM	1	1	22.80	22.81	22.73	23.0	0.0	
100	64QAM	1	1	22.83	22.80	22.78	23.0	0.0	
100	256QAM	1	1	22.99	22.94	22.93	22.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3840	3934.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.82	22.87	22.82	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.80	22.88	22.87	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.83	22.85	22.80	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.89	22.87	22.84	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.86	22.86	22.85	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.83	22.83	22.88	23.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.88	22.90	22.86	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.83	22.80	22.81	23.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.87	22.86	22.79	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.85	22.83	22.85	23.0	0.0	

Part270_n77_Ant 7_PC3									
BW [MHz]	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	PQ2 BPSK	1	1	19.11	19.18	19.16			
100	PQ2 BPSK	1	137	19.14	19.20	19.10	20.0	0.0	
100	PQ2 BPSK	1	271	19.08	19.19	19.18			
100	PQ2 BPSK	135	0	19.09	19.19	19.14	20.0	0.0	
100	PQ2 BPSK	135	69	19.07	19.18	19.14	20.0	0.0	
100	PQ2 BPSK	135	138	19.09	19.16	19.14	20.0	0.0	
100	PQ2 BPSK	270	0	19.15	19.16	19.18	20.0	0.0	
100	QPSK	1	1	19.14	19.20	19.19			
100	QPSK	1	137	19.11	19.14	19.11	20.0	0.0	
100	QPSK	1	271	19.08	19.12	19.15			
100	QPSK	135	0	19.09	19.14	19.10			
100	QPSK	135	69	19.09	19.19	19.14	20.0	0.0	
100	QPSK	135	138	19.08	19.11	19.13	20.0	0.0	
100	QPSK	270	0	19.07	19.16	19.15	20.0	0.0	
100	16QAM	1	1	19.14	19.12	19.12	20.0	0.0	
100	64QAM	1	1	19.08	19.12	19.10	20.0	0.0	
100	256QAM	1	1	19.08	19.15	19.19	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.11	19.13	19.12	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.04	19.13	19.18	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.04	19.10	19.15	20.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.07	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.06	19.12	19.18	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.05	19.15	19.09	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.08	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.05	19.17	19.12	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.07	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.12	19.17	19.16	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.08	19.12	19.16	20.0	0.0	

Part270_n77_Ant 7_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PQ2 BPSK	1	1	19.11	19.18	19.16			
100	PQ2 BPSK	1	137	19.14	19.20	19.10	20.0	0.0	
100	PQ2 BPSK	1	271	19.08	19.19	19.18			
100	PQ2 BPSK	135	0	19.09	19.19	19.14	20.0	0.0	
100	PQ2 BPSK	135	69	19.07	19.18	19.14	20.0	0.0	
100	PQ2 BPSK	135	138	19.09	19.16	19.14	20.0	0.0	
100	PQ2 BPSK	270	0	19.15	19.18	19.18			
100	QPSK	1	1	19.14	19.20	19.19			
100	QPSK	1	137	19.11	19.14	19.11	20.0	0.0	
100	QPSK	1	271	19.08	19.12	19.15			
100	QPSK	135	0	19.09	19.14	19.10			
100	QPSK	135	69	19.09	19.19	19.14	20.0	0.0	
100	QPSK	135	138	19.08	19.11	19.13	20.0	0.0	
100	QPSK	270	0	19.07	19.16	19.15	20.0	0.0	
100	16QAM	1	1	19.14	19.12	19.12	20.0	0.0	
100	64QAM	1	1	19.08	19.12	19.10	20.0	0.0	
100	256QAM	1	1	19.08	19.15	19.16	20.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	19.11	19.13	19.12	20.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	19.04	19.13	19.18	20.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	19.04	19.10	19.15	20.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	19.07	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	19.05	19.12	19.18	20.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	19.05	19.15	19.09	20.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	19.08	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	19.06	19.11	19.12	20.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.07	19.11	19.17	20.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	19.12	19.17	19.16	20.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	19.08	19.12	19.16	20.0	0.0	

Part270_n77_Ant 11_PC3									
BW (MHz)	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	P22 BPSK	1	1	15.23	15.30	14.82			
100	P22 BPSK	1	137	15.27	15.33	14.98	16.0	0.0	
100	P22 BPSK	1	271	15.26	15.33	14.98			
100	P22 BPSK	135	0	15.29	15.26	14.90	16.0	0.0	
100	P22 BPSK	135	69	15.29	15.28	14.82	16.0	0.0	
100	P22 BPSK	135	138	15.27	15.29	14.90			
100	P22 BPSK	270	0	15.28	15.28	14.90	16.0	0.0	
100	QPSK	1	1	15.33	15.39	15.01			
100	QPSK	1	137	15.28	15.34	14.93	16.0	0.0	
100	QPSK	1	271	15.20	15.30	14.95			
100	QPSK	135	0	15.27	15.25	14.98			
100	QPSK	135	69	15.32	15.35	15.00	16.0	0.0	
100	QPSK	135	138	15.21	15.26	14.82			
100	QPSK	270	0	15.30	15.33	15.02	16.0	0.0	
100	16QAM	1	1	15.29	15.26	14.98	16.0	0.0	
100	64QAM	1	1	15.25	15.29	14.94	16.0	0.0	
100	256QAM	1	1	15.26	15.26	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.23	15.29	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.29	15.33	14.93	16.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.32	15.30	14.95	16.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.23	15.35	14.92	16.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.23	15.30	15.00	16.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.25	15.37	14.95	16.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.29	15.36	14.97	16.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.32	15.30	15.00	16.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.21	15.33	14.90	16.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.31	15.35	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.32	15.29	14.95	16.0	0.0	

Part270_n77_Ant 11_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	15.23	15.30	14.82			
100	P22 BPSK	1	137	15.27	15.33	14.98	16.0	0.0	
100	P22 BPSK	1	271	15.26	15.33	14.98			
100	P22 BPSK	135	0	15.29	15.26	14.90	16.0	0.0	
100	P22 BPSK	135	69	15.29	15.28	14.82	16.0	0.0	
100	P22 BPSK	135	138	15.27	15.29	14.90			
100	P22 BPSK	270	0	15.28	15.28	14.90	16.0	0.0	
100	QPSK	1	1	15.33	15.39	15.01			
100	QPSK	1	137	15.28	15.34	14.93	16.0	0.0	
100	QPSK	1	271	15.20	15.30	14.95			
100	QPSK	135	0	15.27	15.25	14.98			
100	QPSK	135	69	15.32	15.35	15.00	16.0	0.0	
100	QPSK	135	138	15.21	15.26	14.82			
100	QPSK	270	0	15.32	15.33	15.02	16.0	0.0	
100	16QAM	1	1	15.29	15.26	14.98	16.0	0.0	
100	64QAM	1	1	15.25	15.29	14.94	16.0	0.0	
100	256QAM	1	1	15.26	15.26	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.23	15.29	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.29	15.33	14.93	16.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.32	15.30	14.95	16.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.23	15.35	14.92	16.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.23	15.30	15.00	16.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.25	15.37	14.95	16.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.29	15.36	14.97	16.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.32	15.32	15.00	16.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.21	15.33	14.90	16.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.31	15.35	14.96	16.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.32	15.29	14.95	16.0	0.0	

Part270_n78_Ant 4_PC3									
BW (MHz)	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	P22 BPSK	1	1		20.63				
100	P22 BPSK	1	137		20.63		21.5	0.0	
100	P22 BPSK	1	271		20.54				
100	P22 BPSK	135	0		20.56		21.5	0.0	
100	P22 BPSK	135	69		20.62		21.5	0.0	
100	P22 BPSK	135	138		20.58		21.5	0.0	
100	P22 BPSK	270	0		20.55				
100	QPSK	1	1		20.63				
100	QPSK	1	137		20.60		21.5	0.0	
100	QPSK	1	271		20.60				
100	QPSK	135	0		20.56				
100	QPSK	135	69		20.60		21.5	0.0	
100	QPSK	135	138		20.54				
100	QPSK	270	0		20.55		21.5	0.0	
100	16QAM	1	1		20.60		21.5	0.0	
100	64QAM	1	1		20.60		21.5	0.0	
100	256QAM	1	1		20.58		21.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	649668	650000	650332	21.5	0.0	MPR (dB)
				3745.02	3750	3754.98			
90	QPSK	1	1	20.53	20.55	20.58	21.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	649334	650000	650666	21.5	0.0	MPR (dB)
				3745.01	3750	3760.99			
80	QPSK	1	1	20.57	20.61	20.61	21.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	649000	650000	651000	21.5	0.0	MPR (dB)
				3750	3760	3770			
70	QPSK	1	1	20.58	20.58	20.57	21.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	648668	650000	651332	21.5	0.0	MPR (dB)
				3750.02	3750	3760.98			
60	QPSK	1	1	20.55	20.54	20.56	21.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	648334	650000	651666	21.5	0.0	MPR (dB)
				3750.01	3750	3770.99			
50	QPSK	1	1	20.57	20.53	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	648000	650000	652000	21.5	0.0	MPR (dB)
				3750	3760	3770			
40	QPSK	1	1	20.53	20.61	20.63	21.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	647668	650000	652332	21.5	0.0	MPR (dB)
				3755.02	3750	3765.98			
30	QPSK	1	1	20.53	20.62	20.62	21.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	647334	650000	652666	21.5	0.0	MPR (dB)
				3752.01	3750	3767.99			
25	QPSK	1	1	20.59	20.62	20.64	21.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	647000	650000	653000	21.5	0.0	MPR (dB)
				3755.01	3750	3780.99			
20	QPSK	1	1	20.61	20.59	20.59	21.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	646668	650000	653332	21.5	0.0	MPR (dB)
				3757.02	3750	3792.98			
15	QPSK	1	1	20.57	20.59	20.60	21.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	646000	650000	653666	21.5	0.0	MPR (dB)
				3750	3760	3770			
10	QPSK	1	1	20.61	20.57	20.54	21.5	0.0	

Part270_n78_Ant 4_PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	Ch. Delta ± 0.5	Δf (Hz)
Channel										
Frequency (MHz)										
100	PV2 BPSK	1	1	20.63	3750		21.5	0.0	0.09	21.50
100	PV2 BPSK	1	137	20.63						21.50
100	PV2 BPSK	1	271	20.54						21.50
100	PV2 BPSK	135	0	20.56						21.50
100	PV2 BPSK	135	69	20.62			21.5	0.0	0.00	21.50
100	PV2 BPSK	135	138	20.58			21.5	0.0	0.00	21.50
100	PV2 BPSK	270	0	20.55			21.5	0.0	0.03	21.50
100	QPSK	1	1	20.63	3750		21.5	0.0	0.03	21.50
100	QPSK	1	137	20.60						21.50
100	QPSK	1	271	20.50						21.50
100	QPSK	135	0	20.56						21.50
100	QPSK	135	69	20.60			21.5	0.0	0.06	21.50
100	QPSK	135	138	20.54			21.5	0.0	0.00	21.50
100	QPSK	270	0	20.55			21.5	0.0	0.00	21.50
100	16QAM	1	1	20.60			21.5	0.0	0.00	21.50
100	64QAM	1	1	20.60			21.5	0.0	0.00	21.50
100	256QAM	1	1	20.58			21.5	0.0	0.00	21.50
Channel										
Frequency (MHz)										
90	QPSK	1	1	20.53	3750	3754.98	21.5	0.0	0.05	21.50
Channel										
Frequency (MHz)										
80	QPSK	1	1	20.57	3750	3754.98	21.5	0.0	0.04	21.50
Channel										
Frequency (MHz)										
70	QPSK	1	1	20.58	3750	3754.98	21.5	0.0	0.01	21.50
Channel										
Frequency (MHz)										
60	QPSK	1	1	20.55	3750	3754.98	21.5	0.0	0.02	21.50
Channel										
Frequency (MHz)										
50	QPSK	1	1	20.57	3750	3754.98	21.5	0.0	0.07	21.50
Channel										
Frequency (MHz)										
40	QPSK	1	1	20.53	3750	3754.98	21.5	0.0	0.08	21.50
Channel										
Frequency (MHz)										
30	QPSK	1	1	20.53	3750	3754.98	21.5	0.0	0.09	21.50
Channel										
Frequency (MHz)										
25	QPSK	1	1	20.59	3750	3754.98	21.5	0.0	0.08	21.50
Channel										
Frequency (MHz)										
20	QPSK	1	1	20.61	3750	3754.98	21.5	0.0	0.02	21.50
Channel										
Frequency (MHz)										
15	QPSK	1	1	20.57	3750	3754.98	21.5	0.0	0.03	21.50
Channel										
Frequency (MHz)										
10	QPSK	1	1	20.61	3750	3754.98	21.5	0.0	0.07	21.50

Part270_n78_Ant 5_PC3

BW [MHz]	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	22.76	3750		23.0	0.0
100	PV2 BPSK	1	137	22.68				
100	PV2 BPSK	1	271	22.72				
100	PV2 BPSK	135	0	22.72				
100	PV2 BPSK	135	69	22.76			23.0	0.0
100	PV2 BPSK	135	138	22.70			23.0	0.0
100	PV2 BPSK	270	0	22.75			23.0	0.0
100	QPSK	1	1	22.80	3750		23.0	0.0
100	QPSK	1	137	22.76				
100	QPSK	1	271	22.71				
100	QPSK	135	0	22.68				
100	QPSK	135	69	22.73			23.0	0.0
100	QPSK	135	138	22.68			23.0	0.0
100	QPSK	270	0	22.68			23.0	0.0
100	16QAM	1	1	22.73			23.0	0.0
100	64QAM	1	1	22.68			23.0	0.0
100	256QAM	1	1	22.67			23.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.79	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.75	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.76	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.78	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	22.72	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.78	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.72	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	22.75	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.72	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.70	3750	3754.98	23.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.78	3750	3754.98	23.0	0.0

Part270_n78_Ant 5_PC2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freqs	Power Middle Ch. / Freqs (650000)	Power High Ch. / Freqs	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	22.76			23.0	0.0
100	PV2 BPSK	1	137	22.68				
100	PV2 BPSK	1	271	22.72				
100	PV2 BPSK	135	0	22.72				
100	PV2 BPSK	135	69	22.76			23.0	0.0
100	PV2 BPSK	135	138	22.70			23.0	0.0
100	PV2 BPSK	270	0	22.75			23.0	0.0
100	QPSK	1	1	22.80	3750		23.0	0.0
100	QPSK	1	137	22.76				
100	QPSK	1	271	22.71				
100	QPSK	135	0	22.68				
100	QPSK	135	69	22.73			23.0	0.0
100	QPSK	135	138	22.68			23.0	0.0
100	QPSK	270	0	22.68			23.0	0.0
100	16QAM	1	1	22.73			23.0	0.0
100	64QAM	1	1	22.68			23.0	0.0
100	256QAM	1	1	22.67			22.5	0.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	649996	650000	650032	Tune-up limit	MPR
				3745.02	3750	3754.98		
90	QPSK	1	1	22.79	22.76	22.78	23.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	649334	650000	650066	Tune-up limit	MPR
				3746.01	3750	3754.98		
80	QPSK	1	1	22.75	22.72	22.76	23.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	649000	650000	651000	Tune-up limit	MPR
				3735	3750	3765		
70	QPSK	1	1	22.76	22.71	22.79	23.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	648668	650000	651332	Tune-up limit	MPR
				3730.02	3750	3769.98		
60	QPSK	1	1	22.78	22.79	22.78	23.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	648334	650000	651000	Tune-up limit	MPR
				3725.01	3750	3774.99		
50	QPSK	1	1	22.72	22.75	22.77	23.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	648000	650000	652000	Tune-up limit	MPR
				3720	3750	3780		
40	QPSK	1	1	22.78	22.71	22.78	23.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	647668	650000	652332	Tune-up limit	MPR
				3715.02	3750	3784.98		
30	QPSK	1	1	22.72	22.71	22.74	23.0	0.0
Channel								
Frequency (MHz)								
25	QPSK	1	1	647334	650000	652500	Tune-up limit	MPR
				3712.5	3750	3787.5		
25	QPSK	1	1	22.75	22.71	22.71	23.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	647000	650000	652650	Tune-up limit	MPR
				3710.01	3750	3789.99		
20	QPSK	1	1	22.72	22.79	22.72	23.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	1	646734	650000	652832	Tune-up limit	MPR
				3707.52	3750	3792.48		
15	QPSK	1	1	22.70	22.79	22.74	23.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	1	647000	650000	653000	Tune-up limit	MPR
				3705	3750	3795		
10	QPSK	1	1	22.78	22.78	22.74	23.0	0.0

Part270_n78_Ant 7_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750					
Frequency (MHz)				19.01					
100	Pl2 BPSK	1	1		19.01		20.0	0.0	
100	Pl2 BPSK	1	137		19.01				
100	Pl2 BPSK	1	271		19.06				
100	Pl2 BPSK	135	0		19.02		20.0	0.0	
100	Pl2 BPSK	135	69		19.02		20.0	0.0	
100	Pl2 BPSK	135	138		19.02		20.0	0.0	
100	Pl2 BPSK	270	0		19.06		20.0	0.0	
100	QPSK	1	1		19.12		20.0	0.0	
100	QPSK	1	137		19.02				
100	QPSK	1	271		19.99				
100	QPSK	135	0		19.06		20.0	0.0	
100	QPSK	135	69		19.08				
100	QPSK	135	138		19.03				
100	QPSK	220	0		19.07		20.0	0.0	
100	16QAM	1	1		19.08		20.0	0.0	
100	64QAM	1	1		19.99		20.0	0.0	
100	256QAM	1	1		19.07		20.0	0.0	
Channel				649969	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)		
50	QPSK	1	1	19.10	19.03	19.09	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)		
80	QPSK	1	1	19.04	19.05	19.04	20.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3795	3750	3795	(dBm)		
70	QPSK	1	1	19.08	19.08	19.06	20.0	0.0	
Channel				648968	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3720.02	3750	3769.98	(dBm)		
60	QPSK	1	1	19.04	19.11	19.06	20.0	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)		
50	QPSK	1	1	19.05	19.09	19.07	20.0	0.0	
Channel				645000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3790	(dBm)		
40	QPSK	1	1	19.11	19.02	19.10	20.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)		
30	QPSK	1	1	19.10	19.09	19.08	20.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	19.02	19.06	19.06	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)		
20	QPSK	1	1	19.10	19.07	19.07	20.0	0.0	
Channel				647168	650000	652832	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dBm)		
15	QPSK	1	1	19.11	19.06	19.04	20.0	0.0	
Channel				645000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	19.06	19.07	19.11	20.0	0.0	

Part270_n78_Ant 7_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750					
Frequency (MHz)				19.01					
100	Pl2 BPSK	1	1		19.01		20.0	0.0	
100	Pl2 BPSK	1	137		19.01				
100	Pl2 BPSK	1	271		19.06				
100	Pl2 BPSK	135	0		19.02		20.0	0.0	
100	Pl2 BPSK	135	69		19.02		20.0	0.0	
100	Pl2 BPSK	135	138		19.02		20.0	0.0	
100	Pl2 BPSK	270	0		19.06		20.0	0.0	
100	QPSK	1	1		19.12		20.0	0.0	
100	QPSK	1	137		19.02				
100	QPSK	1	271		19.99				
100	QPSK	135	0		19.06		20.0	0.0	
100	QPSK	135	69		19.08				
100	QPSK	135	138		19.03				
100	QPSK	220	0		19.07		20.0	0.0	
100	16QAM	1	1		19.08		20.0	0.0	
100	64QAM	1	1		19.99		20.0	0.0	
100	256QAM	1	1		19.07		20.0	0.0	
Channel				649969	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)		
50	QPSK	1	1	19.10	19.03	19.09	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)		
80	QPSK	1	1	19.04	19.05	19.04	20.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3795	3750	3795	(dBm)		
70	QPSK	1	1	19.08	19.08	19.06	20.0	0.0	
Channel				648968	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3720.02	3750	3769.98	(dBm)		
60	QPSK	1	1	19.04	19.11	19.06	20.0	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)		
50	QPSK	1	1	19.05	19.09	19.07	20.0	0.0	
Channel				645000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3790	(dBm)		
40	QPSK	1	1	19.11	19.02	19.10	20.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)		
30	QPSK	1	1	19.10	19.09	19.08	20.0	0.0	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)		
25	QPSK	1	1	19.02	19.06	19.06	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)		
20	QPSK	1	1	19.10	19.07	19.07	20.0	0.0	
Channel				647168	650000	652832	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dBm)		
15	QPSK	1	1	19.11	19.06	19.04	20.0	0.0	
Channel				645000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)		
10	QPSK	1	1	19.06	19.07	19.11	20.0	0.0	

Part270_n78_Ant 11_PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	15.33			16.0
100	PI2 BPSK	1	137	15.28			
100	PI2 BPSK	1	271	15.36			
100	PI2 BPSK	135	0	15.35			16.0
100	PI2 BPSK	135	69	15.36			16.0
100	PI2 BPSK	135	138	15.28			16.0
100	PI2 BPSK	270	0	15.29			16.0
100	QPSK	1	1	15.39			16.0
100	QPSK	1	137	15.35			
100	QPSK	1	271	15.35			
100	QPSK	135	0	15.30			16.0
100	QPSK	135	69	15.35			16.0
100	QPSK	135	138	15.34			16.0
100	QPSK	270	0	15.28			16.0
100	16QAM	1	1	15.28			16.0
100	64QAM	1	1	15.31			16.0
100	256QAM	1	1	15.36			16.0
Channel				649968	650000	650332	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	16.0
90	QPSK	1	1	15.33	15.29	15.38	16.0
Channel				649354	650000	650686	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	16.0
80	QPSK	1	1	15.37	15.38	15.36	16.0
Channel				649000	650000	651000	MPR (dB)
Frequency (MHz)				3735	3750	3765	16.0
70	QPSK	1	1	15.35	15.29	15.31	16.0
Channel				648968	650000	651332	MPR (dB)
Frequency (MHz)				3729.02	3750	3769.98	16.0
60	QPSK	1	1	15.33	15.31	15.32	16.0
Channel				648334	650000	651666	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	16.0
50	QPSK	1	1	15.31	15.35	15.37	16.0
Channel				648000	650000	652000	MPR (dB)
Frequency (MHz)				3720	3750	3780	16.0
40	QPSK	1	1	15.31	15.36	15.35	16.0
Channel				647500	650000	652500	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	16.0
30	QPSK	1	1	15.30	15.37	15.35	16.0
Channel				647000	650000	653000	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	16.0
25	QPSK	1	1	15.37	15.31	15.29	16.0
Channel				647334	650000	652666	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	16.0
20	QPSK	1	1	15.37	15.38	15.38	16.0
Channel				647168	650000	652832	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	16.0
15	QPSK	1	1	15.38	15.31	15.37	16.0
Channel				647000	650000	653000	MPR (dB)
Frequency (MHz)				3705	3750	3795	16.0
10	QPSK	1	1	15.31	15.32	15.30	16.0

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Part270_n78_Ant 11_PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				650000			
Frequency (MHz)				3750			
100	PI2 BPSK	1	1	15.33			16.0
100	PI2 BPSK	1	137	15.28			
100	PI2 BPSK	1	271	15.36			
100	PI2 BPSK	135	0	15.35			16.0
100	PI2 BPSK	135	69	15.36			16.0
100	PI2 BPSK	135	138	15.28			16.0
100	PI2 BPSK	270	0	15.29			16.0
100	QPSK	1	1	15.39			16.0
100	QPSK	1	137	15.35			
100	QPSK	1	271	15.35			
100	QPSK	135	0	15.30			16.0
100	QPSK	135	69	15.35			16.0
100	QPSK	135	138	15.34			16.0
100	QPSK	270	0	15.28			16.0
100	16QAM	1	1	15.28			16.0
100	64QAM	1	1	15.31			16.0
100	256QAM	1	1	15.36			16.0
Channel				649968	650000	650332	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98	16.0
90	QPSK	1	1	15.33	15.29	15.38	16.0
Channel				649354	650000	650686	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99	16.0
80	QPSK	1	1	15.37	15.38	15.36	16.0
Channel				649000	650000	651000	MPR (dB)
Frequency (MHz)				3735	3750	3765	16.0
70	QPSK	1	1	15.35	15.29	15.31	16.0
Channel				648968	650000	651332	MPR (dB)
Frequency (MHz)				3729.02	3750	3769.98	16.0
60	QPSK	1	1	15.33	15.31	15.32	16.0
Channel				648334	650000	651666	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99	16.0
50	QPSK	1	1	15.31	15.35	15.37	16.0
Channel				648000	650000	652000	MPR (dB)
Frequency (MHz)				3720	3750	3780	16.0
40	QPSK	1	1	15.31	15.36	15.35	16.0
Channel				647500	650000	652500	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98	16.0
30	QPSK	1	1	15.30	15.37	15.35	16.0
Channel				647000	650000	653000	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	16.0
25	QPSK	1	1	15.37	15.31	15.29	16.0
Channel				647334	650000	652666	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99	16.0
20	QPSK	1	1	15.37	15.38	15.38	16.0
Channel				647168	650000	652832	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48	16.0
15	QPSK	1	1	15.38	15.31	15.37	16.0
Channel				647000	650000	653000	MPR (dB)
Frequency (MHz)				3705	3750	3795	16.0
10	QPSK	1	1	15.31	15.32	15.30	16.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 374000	Power Middle Ch. / Freq 376000	Power High Ch. / Freq 378000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PQ2 BPSK	1	1	20.01	20.00	19.99	21.0	0.0	
40	PQ2 BPSK	1	108	20.03	20.03	19.98			
40	PQ2 BPSK	1	214	19.95	20.08	20.00			
40	PQ2 BPSK	108	0	19.95	20.08	19.94			
40	PQ2 BPSK	108	54	20.02	19.99	19.95	21.0	0.0	
40	PQ2 BPSK	108	108	20.00	20.07	19.95	21.0	0.0	
40	PQ2 BPSK	216	0	19.99	20.06	19.92	21.0	0.0	
40	QPSK	1	1	20.12	20.14	20.08	21.0	0.0	
40	QPSK	1	108	19.94	20.05	19.97			
40	QPSK	1	214	19.98	20.01	19.92			
40	QPSK	108	0	19.95	19.99	20.00			
40	QPSK	108	54	20.19	20.11	20.07	21.0	0.0	
40	QPSK	108	108	20.01	20.01	19.97	21.0	0.0	
40	QPSK	216	0	20.04	20.08	20.02	21.0	0.0	
40	16QAM	1	1	19.96	20.08	19.95	21.0	0.0	
40	64QAM	1	1	19.96	20.07	19.88	21.0	0.0	
40	256QAM	1	1	19.30	19.00	17.89	19.5	1.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	37500	37600	37650	Tune-up limit (dBm)	MPR (dB)	
				1867.5	1860	1855			
30	QPSK	1	1	20.07	20.04	20.02	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	37200	37600	37950	Tune-up limit (dBm)	MPR (dB)	
				1865	1860	1855			
30	QPSK	1	1	20.07	20.07	20.03	21.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	37200	376000	379500	Tune-up limit (dBm)	MPR (dB)	
				1865	1860	1855			
25	QPSK	1	1	20.07	20.11	20.04	21.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	37200	376000	380000	Tune-up limit (dBm)	MPR (dB)	
				1865	1860	1855			
20	QPSK	1	1	20.11	20.09	20.07	21.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
				1857.5	1860	1860.5			
15	QPSK	1	1	20.11	20.05	20.06	21.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	37100	37600	38100	Tune-up limit (dBm)	MPR (dB)	
				1855	1860	1905			
10	QPSK	1	1	20.08	20.05	20.07	21.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
				1852.5	1860	1860.5			
5	QPSK	1	1	20.11	20.08	20.06	21.0	0.0	

Reduced Power Mode for ECI 6									
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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 374000	Power Middle Ch. / Freq 376000	Power High Ch. / Freq 378000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	21.17	21.21	21.21	22.0	0.0	
40	Pl2 BPSK	1	108	21.25	21.24	21.14			
40	Pl2 BPSK	1	214	21.23	21.24	21.19			
40	Pl2 BPSK	108	0	21.25	21.26	21.20			
40	Pl2 BPSK	108	54	21.16	21.19	21.15	22.0	0.0	
40	Pl2 BPSK	108	108	21.21	21.28	21.15	22.0	0.0	
40	Pl2 BPSK	216	0	21.19	21.22	21.15	22.0	0.0	
40	QPSK	1	1	21.21	21.33	21.27	22.0	0.0	
40	QPSK	1	108	21.20	21.28	21.21			
40	QPSK	1	214	21.14	21.15	21.22			
40	QPSK	108	0	21.18	21.22	21.21			
40	QPSK	108	54	21.20	21.27	21.23	22.0	0.0	
40	QPSK	108	108	21.16	21.19	21.16	22.0	0.0	
40	QPSK	216	0	21.18	21.19	21.15	22.0	0.0	
40	16QAM	1	1	21.24	21.20	21.16	22.0	0.0	
40	64QAM	1	1	19.91	19.84	19.86	21.5	0.5	
40	256QAM	1	1	17.83	17.74	17.62	19.5	2.5	
Channel									
Frequency (MHz)									
35	QPSK	1	1	21.17	21.32	21.17	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.12	21.32	21.16	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.18	21.30	21.24	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.19	21.27	21.22	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.19	21.32	21.21	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.15	21.30	21.17	22.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	21.19	21.24	21.18	22.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	Pl2 BPSK	1	1	21.63	21.70	21.68	22.5	0.0			
40	Pl2 BPSK	1	108	21.66	21.73	21.62					
40	Pl2 BPSK	1	214	21.69	21.73	21.63					
40	Pl2 BPSK	108	0	21.66	21.67	21.67					
40	Pl2 BPSK	108	54	21.64	21.68	21.66	22.5	0.0			
40	Pl2 BPSK	108	108	21.63	21.71	21.65	22.5	0.0			
40	Pl2 BPSK	216	0	21.65	21.66	21.67	22.5	0.0			
40	QPSK	1	1	21.65	21.75	21.72	22.5	0.0			
40	QPSK	1	108	21.65	21.70	21.69					
40	QPSK	1	214	21.67	21.65	21.67					
40	QPSK	108	0	21.68	21.65	21.68					
40	QPSK	108	54	21.68	21.72	21.68	22.5	0.0			
40	QPSK	108	108	21.67	21.66	21.60	22.5	0.0			
40	QPSK	216	0	21.64	21.69	21.67	22.5	0.0			
40	16QAM	1	1	21.66	21.65	21.73	22.5	0.0			
40	64QAM	1	1	20.00	19.83	19.86	21.5	1.0			
40	256QAM	1	1	17.87	17.91	17.89	19.5	3.0			
Channel											
Frequency (MHz)											
35	QPSK	1	1	21.67	21.67	21.63	22.5	0.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	21.62	21.68	21.64	22.5	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	21.62	21.74	21.62	22.5	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	21.61	21.70	21.70	22.5	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	21.60	21.68	21.68	22.5	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	21.61	21.74	21.63	22.5	0.0			
Channel											
Frequency (MHz)											
5	QPSK	1	1	21.56	21.67	21.68	22.5	0.0			

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16600	Power Middle Ch. / Freq. 16700	Power High Ch. / Freq. 167800	MPR (dB)
Channel				834	836.5	838	
Frequency (MHz)							
20	PI2 BPSK	1	1	22.61	22.62	22.61	
20	PI2 BPSK	1	53	22.59	22.61	22.65	24.0
20	PI2 BPSK	1	104	22.59	22.79	22.63	
20	PI2 BPSK	50	0	21.99	22.16	22.01	23.5
20	PI2 BPSK	50	28	22.54	22.77	22.56	24.0
20	PI2 BPSK	50	56	22.00	22.24	22.02	23.5
20	PI2 BPSK	100	0	22.01	22.21	22.08	0.5
20	QPSK	1	1	22.49	22.63	22.75	
20	QPSK	1	53	22.47	22.71	22.50	24.0
20	QPSK	1	104	22.57	22.75	22.59	
20	QPSK	50	0	21.49	21.75	21.50	23.0
20	QPSK	50	28	22.50	22.71	22.59	24.0
20	QPSK	50	56	21.46	21.69	21.47	23.0
20	QPSK	100	0	21.57	21.68	21.49	1.0
20	16QAM	1	1	21.79	22.05	21.89	23.0
20	64QAM	1	1	19.80	20.05	19.86	21.5
20	256QAM	1	1	18.00	18.25	18.11	19.5
Channel				166300	167200	168300	
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	22.58	22.70	22.68	24.0
Channel				167500	167500	168500	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	22.61	22.78	22.70	24.0
Channel				168300	167200	169300	
Frequency (MHz)				838.5	836.5	846.5	
5	QPSK	1	1	22.61	22.81	22.69	24.0

n5_Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16600	Power Middle Ch. / Freq. 16700	Power High Ch. / Freq. 167800	MPR (dB)
Channel				834	836.5	838	
Frequency (MHz)							
20	PI2 BPSK	1	1	22.46	22.49	22.52	
20	PI2 BPSK	1	53	22.47	22.49	22.44	24.0
20	PI2 BPSK	1	104	22.53	22.54	22.48	
20	PI2 BPSK	50	0	21.84	21.83	21.76	23.5
20	PI2 BPSK	50	28	22.45	22.44	22.33	24.0
20	PI2 BPSK	50	56	21.84	21.92	21.83	23.5
20	PI2 BPSK	100	0	21.90	21.93	21.90	0.5
20	QPSK	1	1	22.59	22.61	22.54	
20	QPSK	1	53	22.31	22.48	22.27	24.0
20	QPSK	1	104	22.39	22.45	22.40	
20	QPSK	50	0	21.45	21.45	21.38	23.0
20	QPSK	50	28	22.45	22.46	22.33	24.0
20	QPSK	50	56	21.35	21.40	21.31	23.0
20	QPSK	100	0	21.31	21.40	21.37	1.0
20	16QAM	1	1	21.77	21.71	21.75	23.0
20	64QAM	1	1	19.66	19.62	19.73	21.5
20	256QAM	1	1	17.95	17.91	17.83	19.5
Channel				168300	167200	169300	
Frequency (MHz)				831.5	836.5	841.5	
15	QPSK	1	1	22.52	22.59	22.43	24.0
Channel				168500	167200	169500	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	1	22.50	22.54	22.49	24.0
Channel				169300	167200	169300	
Frequency (MHz)				838.5	836.5	846.5	
5	QPSK	1	1	22.47	22.47	22.42	24.0

n7_Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power Middle Ch. / Freq. 50700	Power High Ch. / Freq. 50900	MPR (dB)
Channel				2525	2535	2545	
Frequency (MHz)							
50	PI2 BPSK	1	1	18.50	18.56	18.49	
50	PI2 BPSK	1	156	18.54	18.50	18.49	19.5
50	PI2 BPSK	1	268	18.49	18.59	18.52	0.0
50	PI2 BPSK	136	0	18.54	18.52	18.50	19.5
50	PI2 BPSK	136	68	18.50	18.58	18.43	19.5
50	PI2 BPSK	136	135	18.52	18.52	18.44	19.5
50	PI2 BPSK	270	0	18.47	18.52	18.45	0.0
50	QPSK	1	1	18.55	18.62	18.53	
50	QPSK	1	135	18.48	18.56	18.50	19.5
50	QPSK	1	268	18.49	18.57	18.45	0.0
50	QPSK	136	0	18.48	18.51	18.50	19.5
50	QPSK	136	68	18.53	18.58	18.52	19.5
50	QPSK	136	135	18.47	18.55	18.50	19.5
50	QPSK	270	0	18.52	18.53	18.52	0.0
50	16QAM	1	1	18.52	18.59	18.50	19.5
50	64QAM	1	1	18.49	18.53	18.48	19.5
50	256QAM	1	1	18.29	18.29	18.22	19.5
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	QPSK	1	1	18.47	18.53	18.51	19.5
Channel				505000	507000	510000	
Frequency (MHz)				2517.5	2535	2552.5	
35	QPSK	1	1	18.47	18.52	18.44	19.5
Channel				506000	507000	511000	
Frequency (MHz)				505000	507000	511000	
25	QPSK	1	1	18.44	18.54	18.49	19.5
Channel				507000	507000	512000	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	1	18.47	18.59	18.47	19.5
Channel				507500	507000	512500	
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	1	18.49	18.55	18.51	19.5
Channel				507800	507000	513000	
Frequency (MHz)				2506	2535	2565	
10	QPSK	1	1	18.47	18.60	18.49	19.5
Channel				508000	507000	513500	
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	1	18.46	18.60	18.47	19.5

n7_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freqo 505000	Power Ch. / Freqo 507000	Power Ch. / Freqo 509000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	P2 BPSK	1	1	19.99	20.08	20.01			
50	P2 BPSK	1	135	20.01	20.12	19.97	21.0	0.0	
50	P2 BPSK	1	268	19.99	20.04	20.00			
50	P2 BPSK	135	0	20.05	20.08	19.97	21.0	0.0	
50	P2 BPSK	135	68	20.04	20.06	20.03	21.0	0.0	
50	P2 BPSK	135	135	20.07	20.05	19.98	21.0	0.0	
50	P2 BPSK	270	0	20.05	20.05	20.04			
50	QPSK	1	1	20.12	20.16	20.11			
50	QPSK	1	135	20.00	20.03	19.99	21.0	0.0	
50	QPSK	1	268	20.00	20.12	20.06			
50	QPSK	135	0	20.03	20.06	20.04	21.0	0.0	
50	QPSK	135	68	20.08	20.12	20.06	21.0	0.0	
50	QPSK	135	135	20.00	20.03	20.03	21.0	0.0	
50	QPSK	270	0	20.08	20.08	19.97			
50	16QAM	1	1	20.05	20.07	19.97	21.0	0.0	
50	64QAM	1	1	20.04	20.02	20.05	21.0	0.0	
50	256QAM	1	1	19.33	19.29	19.26	19.5	1.3	
Channel				504000	507000	510000	Tune-up limit	MPR	
Frequency (MHz)				2520	2535	2550	(dBm)	(dB)	
40	QPSK	1	1	20.03	20.14	20.01	21.0		
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2517.5	2535	2552.5	(dBm)	(dB)	
35	QPSK	1	1	20.05	20.06	20.01	21.0		
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2517.5	2535	2552.5	(dBm)	(dB)	
30	QPSK	1	1	20.07	20.14	20.10	21.0		
Channel				502900	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2517.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	1	20.04	20.10	20.10	21.0		
Channel				502000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	QPSK	1	1	20.05	20.15	20.08	21.0		
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	1	20.02	20.07	20.05	21.0		
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	1	20.08	20.14	20.02	21.0		
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	1	20.11	20.09	20.03	21.0		

n7_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch. / Freq. 50000	Power Ch. / Freq. 50700	Power Ch. / Freq. 50900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	Pl2 BPSK	1	1	20.84	20.94	20.84			
50	Pl2 BPSK	1	135	20.83	20.91	20.84	22.0	0.0	
50	Pl2 BPSK	1	268	20.81	20.93	20.85			
50	Pl2 BPSK	135	0	20.90	20.87	20.79	22.0	0.0	
50	Pl2 BPSK	135	68	20.84	20.95	20.78	22.0	0.0	
50	Pl2 BPSK	135	135	20.84	20.87	20.80	22.0	0.0	
50	Pl2 BPSK	270	0	20.81	20.94	20.83			
50	QPSK	1	1	20.94	20.96	20.91			
50	QPSK	1	135	20.81	20.89	20.86	22.0	0.0	
50	QPSK	1	268	20.90	20.88	20.86			
50	QPSK	135	0	20.80	20.90	20.80	22.0	0.0	
50	QPSK	135	68	20.86	20.94	20.81	22.0	0.0	
50	QPSK	135	135	20.84	20.92	20.80	22.0	0.0	
50	QPSK	270	0	20.89	20.90	20.81			
50	16QAM	1	1	20.83	20.87	20.86	22.0	0.0	
50	64QAM	1	1	19.80	19.90	19.77	21.5	0.5	
50	256QAM	1	1	18.08	18.14	17.91	19.5	0.5	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.86	20.94	20.81	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
35	QPSK	1	1	20.88	20.88	20.87	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.86	20.94	20.87	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.91	20.90	20.84	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.92	20.94	20.89	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.92	20.94	20.89	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.84	20.88	20.81	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
5	QPSK	1	1	20.92	20.88	20.82	Tune-up limit (dBm)	MPR (dB)	

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 168000	Power Middle Ch. / Freq. 169300	Power High Ch. / Freq. 169600	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	839			
Frequency (MHz)									
20	Pl2 BPSK	1	1	22.82	22.83	22.84			
20	Pl2 BPSK	1	53	22.76	22.83	22.77	24.0		
20	Pl2 BPSK	1	104	22.83	22.84	22.70			
20	Pl2 BPSK	50	0	22.19	22.25	22.08	23.5	0.0	
20	Pl2 BPSK	50	28	22.82	22.81	22.70	24.0	0.0	
20	Pl2 BPSK	50	66	22.26	22.36	22.21	23.5	0.0	
20	Pl2 BPSK	100	0	22.16	22.28	22.25			
20	QPSK	1	1	22.91	22.97	22.88			
20	QPSK	1	53	22.87	22.78	22.72	24.0		
20	QPSK	1	104	22.72	22.74	22.73			
20	QPSK	50	0	21.70	21.86	21.79	23.0	1.0	
20	QPSK	50	28	22.72	22.76	22.64	24.0	0.0	
20	QPSK	50	56	21.72	21.78	21.66	23.0	1.0	
20	QPSK	100	0	21.62	21.72	21.70			
20	16QAM	1	1	22.10	22.10	21.98	23.0	1.0	
20	64QAM	1	1	20.10	20.05	20.00	21.5	2.5	
20	256QAM	1	1	19.29	19.38	19.26	19.5	4.5	
Channel				168300	169300	169300	Tune-up limit	MPR	
Frequency (MHz)				821.5	831.5	841.5	(dBm)	(dB)	
15	QPSK	1	1	22.79	22.87	22.79	24.0		
Channel				168300	169300	169300	Tune-up limit	MPR	
Frequency (MHz)				818.5	831.5	844	(dBm)	(dB)	
10	QPSK	1	1	22.83	22.87	22.83	24.0		
Channel				168300	169300	169300	Tune-up limit	MPR	
Frequency (MHz)				818.5	831.5	844.5	(dBm)	(dB)	
5	QPSK	1	1	22.76	22.86	22.77	24.0		

n26(FCC)_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)
Channel							
Frequency (MHz)							
20	P12 BPSK	1	1	22.64	22.70	22.66	24.0
20	P12 BPSK	1	1	22.56	22.73	22.61	
20	P12 BPSK	1	104	22.63	22.72	22.62	
20	P12 BPSK	50	0	21.95	21.96	22.02	23.5
20	P12 BPSK	50	28	22.53	22.63	22.67	24.0
20	P12 BPSK	50	56	22.02	22.13	22.16	23.5
20	P12 BPSK	100	0	22.09	22.13	22.13	
20	P12 BPSK	100	0	22.09	22.13	22.13	
20	QPSK	1	1	22.73	22.79	22.76	24.0
20	QPSK	1	1	22.45	22.62	22.52	
20	QPSK	1	104	22.60	22.60	22.53	
20	QPSK	50	0	21.54	21.63	21.56	23.0
20	QPSK	50	28	22.52	22.66	22.58	24.0
20	QPSK	50	56	21.55	21.51	21.60	23.0
20	QPSK	100	0	21.45	21.53	21.48	
20	QPSK	100	0	21.45	21.53	21.48	
20	16QAM	1	1	21.84	22.00	21.91	23.0
20	64QAM	1	1	19.89	19.89	19.87	21.5
20	256QAM	1	1	18.05	18.14	18.13	19.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	22.64	22.70	22.64	24.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	22.64	22.72	22.74	24.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	22.60	22.69	22.64	24.0

n66_Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
45	P12 BPSK	1	1	20.86	20.85	20.83	22.0
45	P12 BPSK	1	122	20.85	20.84	20.77	
45	P12 BPSK	1	240	20.88	20.91	20.86	
45	P12 BPSK	120	0	20.90	20.92	20.77	22.0
45	P12 BPSK	120	60	20.85	20.88	20.80	22.0
45	P12 BPSK	120	122	20.86	20.92	20.78	22.0
45	P12 BPSK	240	0	20.90	20.94	20.83	
45	P12 BPSK	240	0	20.90	20.94	20.83	
45	QPSK	1	1	20.91	20.94	20.86	22.0
45	QPSK	1	122	20.87	20.87	20.82	
45	QPSK	1	240	20.85	20.80	20.84	
45	QPSK	120	0	20.85	20.90	20.77	22.0
45	QPSK	120	60	20.89	20.93	20.83	22.0
45	QPSK	120	122	20.86	20.81	20.82	22.0
45	QPSK	240	0	20.80	20.85	20.77	
45	QPSK	240	0	20.80	20.85	20.77	
45	16QAM	1	1	20.89	20.89	20.81	22.0
45	64QAM	1	1	19.80	19.88	19.87	21.5
45	256QAM	1	1	17.68	18.09	17.88	19.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	20.81	20.91	20.80	22.0
Channel							
Frequency (MHz)							
35	QPSK	1	1	20.86	20.90	20.78	22.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	20.83	20.91	20.79	22.0
Channel							
Frequency (MHz)							
25	QPSK	1	1	20.83	20.91	20.84	22.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	20.87	20.93	20.78	22.0
Channel							
Frequency (MHz)							
15	QPSK	1	1	20.82	20.92	20.79	22.0
Channel							
Frequency (MHz)							
10	QPSK	1	1	20.89	20.91	20.76	22.0
Channel							
Frequency (MHz)							
5	QPSK	1	1	20.88	20.93	20.77	22.0

n66_Ant 8							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)
Channel							
Frequency (MHz)							
45	P12 BPSK	1	1	19.65	19.68	19.61	20.5
45	P12 BPSK	1	122	19.65	19.69	19.58	
45	P12 BPSK	1	240	19.60	19.62	19.60	
45	P12 BPSK	120	0	19.65	19.63	19.59	20.5
45	P12 BPSK	120	60	19.62	19.65	19.61	20.5
45	P12 BPSK	120	122	19.62	19.69	19.61	20.5
45	P12 BPSK	240	0	19.58	19.63	19.57	
45	P12 BPSK	240	0	19.58	19.63	19.57	
45	QPSK	1	1	19.69	19.74	19.61	20.5
45	QPSK	1	122	19.61	19.68	19.60	
45	QPSK	1	240	19.63	19.65	19.58	
45	QPSK	120	0	19.60	19.60	19.50	20.5
45	QPSK	120	60	19.65	19.68	19.57	20.5
45	QPSK	120	122	19.61	19.67	19.53	20.5
45	QPSK	240	0	19.58	19.60	19.56	
45	QPSK	240	0	19.58	19.60	19.56	
45	16QAM	1	1	19.64	19.70	19.61	20.5
45	64QAM	1	1	19.62	19.66	19.60	20.5
45	256QAM	1	1	18.34	18.51	18.28	19.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	19.58	19.67	19.59	20.5
Channel							
Frequency (MHz)							
35	QPSK	1	1	19.67	19.66	19.55	20.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	19.62	19.73	19.59	20.5
Channel							
Frequency (MHz)							
25	QPSK	1	1	19.63	19.65	19.51	20.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	19.61	19.69	19.53	20.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	19.60	19.65	19.54	20.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	19.66	19.67	19.56	20.5
Channel							
Frequency (MHz)							
5	QPSK	1	1	19.59	19.65	19.51	20.5

n66_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				346000	349000	351000			
Frequency (MHz)				1732.5	1745	1757.5			
45	Pl2 BPSK	1	1	22.72	22.80	22.75	24.0	0.0	
45	Pl2 BPSK	1	122	22.76	22.75	22.78			
45	Pl2 BPSK	1	240	22.75	22.77	22.67			
45	Pl2 BPSK	120	0	22.10	22.22	22.02	23.5	0.5	
45	Pl2 BPSK	120	60	22.72	22.72	22.69	24.0	0.0	
45	Pl2 BPSK	120	120	22.24	22.17	22.18	23.5	0.5	
45	Pl2 BPSK	240	0	22.23	22.24	22.11			
45	QPSK	1	1	22.87	22.91	22.83	24.0	0.0	
45	QPSK	1	122	22.80	22.84	22.70			
45	QPSK	1	240	22.76	22.73	22.64			
45	QPSK	120	0	21.74	21.76	21.67	23.0	1.0	
45	QPSK	120	60	22.80	22.82	22.71	24.0	0.0	
45	QPSK	120	122	21.86	21.73	21.71	23.0	1.0	
45	QPSK	240	0	21.69	21.78	21.68			
45	16QAM	1	1	21.84	22.10	21.96	23.0	1.0	
45	64QAM	1	1	20.06	20.06	20.00	21.5	2.5	
45	256QAM	1	1	18.16	18.25	18.15	19.5	4.5	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)	
40	QPSK	1	1	22.75	22.86	22.71	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
35	QPSK	1	1	22.80	22.80	22.76	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1767.5	(dBm)	(dB)	
30	QPSK	1	1	22.80	22.81	22.74	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1770	(dBm)	(dB)	
25	QPSK	1	1	22.82	22.76	22.74	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	22.79	22.82	22.76	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	22.85	22.89	22.73	24.0	0.0	
Channel				349000	349000	350000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	22.79	22.81	22.80	24.0	0.0	
Channel				342500	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1714.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	22.74	22.79	22.72	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				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	Pl2 BPSK	1	1	22.52	22.59	22.50	24.0	0.0	
20	Pl2 BPSK	1	53	22.55	22.62	22.57			
20	Pl2 BPSK	1	104	22.44	22.61	22.52			
20	Pl2 BPSK	50	0	21.84	21.91	21.82	23.5	0.5	
20	Pl2 BPSK	50	28	22.49	22.55	22.47	24.0	0.0	
20	Pl2 BPSK	50	56	22.01	22.00	21.92	23.5	0.5	
20	Pl2 BPSK	100	0	21.92	22.04	21.96			
20	QPSK	1	1	22.63	22.68	22.61	24.0	0.0	
20	QPSK	1	53	22.38	22.44	22.38			
20	QPSK	1	104	22.52	22.68	22.42			
20	QPSK	50	0	21.45	21.48	21.40	23.0	1.0	
20	QPSK	50	28	22.49	22.52	22.35	24.0	0.0	
20	QPSK	50	56	21.36	21.47	21.36	23.0	1.0	
20	QPSK	100	0	21.37	21.30	21.31			
20	16QAM	1	1	21.83	21.82	21.79	23.0	1.0	
20	64QAM	1	1	19.81	19.83	19.70	21.5	2.5	
20	256QAM	1	1	18.02	18.04	17.88	19.5	4.5	
Channel				134100	136100	138100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.55	22.54	22.51	24.0	0.0	
Channel				133600	136100	138000	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.59	22.54	22.58	24.0	0.0	
Channel				133100	136100	138100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.57	22.58	22.55	24.0	0.0	

n71_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				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	Pl2 BPSK	1	1	22.62	22.61	22.49	24.0	0.0	
20	Pl2 BPSK	1	53	22.56	22.59	22.56			
20	Pl2 BPSK	1	104	22.55	22.57	22.48			
20	Pl2 BPSK	50	0	21.89	21.91	21.85	23.5	0.5	
20	Pl2 BPSK	50	28	22.58	22.58	22.48	24.0	0.0	
20	Pl2 BPSK	50	56	22.01	22.02	22.03	23.5	0.5	
20	Pl2 BPSK	100	0	22.08	22.06	21.91			
20	QPSK	1	1	22.65	22.73	22.63	24.0	0.0	
20	QPSK	1	53	22.56	22.60	22.44			
20	QPSK	1	104	22.44	22.62	22.41			
20	QPSK	50	0	21.52	21.55	21.52	23.0	1.0	
20	QPSK	50	28	22.51	22.58	22.35	24.0	0.0	
20	QPSK	50	56	21.49	21.50	21.36	23.0	1.0	
20	QPSK	100	0	21.41	21.53	21.45			
20	16QAM	1	1	21.84	21.93	21.71	23.0	1.0	
20	64QAM	1	1	19.78	19.81	19.78	21.5	2.5	
20	256QAM	1	1	18.09	18.09	18.04	19.5	4.5	
Channel				134100	136100	138100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.58	22.59	22.59	24.0	0.0	
Channel				133600	136100	138000	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.65	22.72	22.55	24.0	0.0	
Channel				133100	136100	138100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.54	22.65	22.50	24.0	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 510004	Power Middle Ch. / Freq. 510000	Power High Ch. / Freq. 510996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	17.95	18.00	17.93	19.0	0.0	
40	Pl2 BPSK	1	53	17.95	18.01	17.92			
40	Pl2 BPSK	1	104	17.94	17.96	17.96			
40	Pl2 BPSK	50	0	17.97	18.01	17.95			
40	Pl2 BPSK	50	28	17.93	17.93	17.96	19.0	0.0	
40	Pl2 BPSK	50	56	17.95	18.00	17.93	19.0	0.0	
40	Pl2 BPSK	100	0	17.92	17.98	17.90	19.0	0.0	
40	QPSK	1	1	18.03	18.05	18.01	19.0	0.0	
40	QPSK	1	53	17.97	17.96	17.96			
40	QPSK	1	104	18.01	18.02	17.92			
40	QPSK	50	0	17.99	17.98	17.88			
40	QPSK	50	28	17.97	17.98	17.92	19.0	0.0	
40	QPSK	50	56	18.01	17.93	17.88	19.0	0.0	
40	QPSK	100	0	17.91	17.98	17.95			
40	16QAM	1	1	17.92	17.98	17.93			
40	64QAM	1	1	17.98	17.98	17.92			
40	256QAM	1	1	17.95	18.03	17.88	19.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	2585.01	2595	2604.99	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.02	18.01	17.98	19.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.99	18.00	17.94	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.94	17.97	17.94	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.93	17.95	17.96	19.0	0.0	

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 516004	Power Middle Ch. / Freq. 516000	Power High Ch. / Freq. 522996	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	Pl2 BPSK	1	1	2560.02	2595	2599.98	21.5	0.0			
40	Pl2 BPSK	1	53	20.38	20.39	20.27					
40	Pl2 BPSK	1	53	20.37	20.34	20.33					
40	Pl2 BPSK	1	104	20.32	20.30	20.33					
40	Pl2 BPSK	50	0	20.39	20.32	20.27	21.5	0.0			
40	Pl2 BPSK	50	28	20.30	20.31	20.36	21.5	0.0			
40	Pl2 BPSK	50	56	20.33	20.35	20.34	21.5	0.0			
40	Pl2 BPSK	100	0	20.31	20.31	20.30	21.5	0.0			
40	QPSK	1	1	20.38	20.40	20.38					
40	QPSK	1	53	20.32	20.36	20.36					
40	QPSK	1	104	20.37	20.37	20.32					
40	QPSK	50	0	20.31	20.41	20.34	21.5	0.0			
40	QPSK	50	28	20.36	20.37	20.25					
40	QPSK	50	56	20.36	20.36	20.36					
40	QPSK	100	0	20.33	20.35	20.26					
40	16QAM	1	1	20.39	20.33	20.33	21.5	0.0			
40	64QAM	1	1	19.80	19.98	19.85	21.5	0.0			
40	256QAM	1	1	17.85	17.99	17.84	19.5	2.0			
Channel											
Frequency (MHz)											
30	QPSK	1	1	20.31	20.33	20.38	21.5	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	20.29	20.31	20.31	21.5	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	20.28	20.37	20.35	21.5	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	20.34	20.38	20.30	21.5	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	20.28	20.34	20.32	21.5	0.0			

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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	Pl2 BPSK	1	1	2560.02	2595	2599.98	21.0	0.0			
40	Pl2 BPSK	1	53	20.07	20.07	20.04					
40	Pl2 BPSK	1	104	20.08	20.07	20.02					
40	Pl2 BPSK	50	0	20.06	20.13	20.02					
40	Pl2 BPSK	50	28	20.07	20.08	20.01	21.0	0.0			
40	Pl2 BPSK	50	56	20.10	20.04	20.05	21.0	0.0			
40	Pl2 BPSK	100	0	20.02	20.05	20.02	21.0	0.0			
40	QPSK	1	1	20.09	20.14	20.09					
40	QPSK	1	53	20.05	20.11	20.03					
40	QPSK	1	104	20.08	20.07	20.04					
40	QPSK	50	0	20.05	20.11	20.01	21.0	0.0			
40	QPSK	50	28	20.03	20.12	19.98					
40	QPSK	50	56	20.10	20.13	19.99					
40	QPSK	100	0	20.03	20.08	20.01					
40	16QAM	1	1	20.08	20.08	20.06	21.0	0.0			
40	64QAM	1	1	20.11	20.13	20.01	21.0	0.0			
40	256QAM	1	1	18.17	18.13	18.17	19.5	1.5			
Channel											
Frequency (MHz)											
30	QPSK	1	1	20.07	20.09	20.07	21.0	0.0			
Channel											
Frequency (MHz)											
25	QPSK	1	1	20.09	20.04	20.02	21.0	0.0			
Channel											
Frequency (MHz)											
20	QPSK	1	1	20.04	20.04	20.02	21.0	0.0			
Channel											
Frequency (MHz)											
15	QPSK	1	1	20.05	20.08	20.03	21.0	0.0			
Channel											
Frequency (MHz)											
10	QPSK	1	1	20.06	20.06	20.04	21.0	0.0			

n38_Ant 6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2560.02	2565	2569.98			
40	P2 BPSK	1	1	20.61	20.73	20.71			
40	P2 BPSK	1	53	20.65	20.68	20.62	22.0	0.0	
40	P2 BPSK	1	104	20.28	20.38	20.25			
40	P2 BPSK	50	0	20.15	20.31	20.24	21.5	0.5	
40	P2 BPSK	50	28	20.57	20.61	20.24	22.0	0.0	
40	P2 BPSK	50	56	20.25	20.37	20.31			
40	P2 BPSK	100	0	20.21	20.32	20.25	21.5	0.5	
40	QPSK	1	1	20.69	20.74	20.71			
40	QPSK	1	53	20.61	20.71	20.42			
40	QPSK	1	104	20.47	20.54	20.37	22.0	0.0	
40	QPSK	50	0	19.48	19.52	19.48			
40	QPSK	50	28	20.53	20.60	20.25	22.0	0.0	
40	QPSK	50	56	19.48	19.55	19.48			
40	QPSK	100	0	19.71	19.73	19.68	21.0	1.0	
40	16QAM	1	1	19.61	19.69	19.68	21.0	1.0	
40	64QAM	1	1	17.72	17.89	17.81	19.5	2.5	
40	256QAM	1	1	15.78	15.91	15.71	17.5	4.5	
Channel				5150.02	5150.00	5220.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2565.01	2565	2604.99			
30	QPSK	1	1	20.61	20.64	20.61	22.0	0.0	
Channel				5150.04	5150.00	5210.99	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2562.52	2565	2607.48			
25	QPSK	1	1	20.48	20.61	20.55	22.0	0.0	
Channel				5160.00	5160.00	5220.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2565.00	2565	2610			
20	QPSK	1	1	20.49	20.65	20.64	22.0	0.0	
Channel				5165.02	5165.00	5224.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2575	2612.49			
15	QPSK	1	1	20.45	20.63	20.51	22.0	0.0	
Channel				5150.04	5150.00	5220.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	20.59	20.65	20.57	22.0	0.0	

FCC_n41_Ant 2_PC3									
BW (MHz)	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)				2566.01	2562.99	2640			
100	P2 BPSK	1	1	18.00	18.08	18.01			
100	P2 BPSK	1	137	18.00	18.11	18.03	19.0	0.0	
100	P2 BPSK	1	271	18.08	18.05	17.99			
100	P2 BPSK	135	0	18.08	18.04	17.99	19.0	0.0	
100	P2 BPSK	135	69	17.97	18.11	18.02	19.0	0.0	
100	P2 BPSK	135	138	18.06	18.00	18.07			
100	P2 BPSK	270	0	17.98	18.08	18.02	19.0	0.0	
100	QPSK	1	1	18.02	18.13	17.92			
100	QPSK	1	137	18.00	18.14	18.05	19.0	0.0	
100	QPSK	1	271	18.05	18.10	18.00			
100	QPSK	135	0	18.08	18.05	18.00			
100	QPSK	135	69	18.02	18.04	17.99	19.0	0.0	
100	QPSK	135	138	18.00	18.03	18.00			
100	QPSK	270	0	18.02	18.03	18.02	19.0	0.0	
100	16QAM	1	1	18.11	18.07	17.95	19.0	0.0	
100	64QAM	1	1	18.02	18.10	18.00	19.0	0.0	
100	256QAM	1	1	18.00	18.09	18.00	19.0	0.0	
Channel				5050.00	5189.98	5250.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2561	2562.99	2644.98			
90	QPSK	1	1	18.01	18.09	17.87	19.0	0.0	
Channel				5072.04	5189.98	5270.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2558.02	2562.99	2648.99			
80	QPSK	1	1	18.01	18.04	18.02	19.0	0.0	
Channel				5062.02	5189.98	5310.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2562.99	2645			
70	QPSK	1	1	18.06	18.12	18.02	19.0	0.0	
Channel				5050.00	5189.98	5319.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2562.99	2659.98			
60	QPSK	1	1	18.03	18.03	17.95	19.0	0.0	
Channel				5042.04	5189.98	5329.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2551.02	2562.99	2664.99			
50	QPSK	1	1	18.03	18.03	18.01	19.0	0.0	
Channel				5030.00	5189.98	5339.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2562.99	2667.48			
45	QPSK	1	1	18.00	18.06	18.04	19.0	0.0	
Channel				5020.02	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2562.99	2650			
40	QPSK	1	1	18.00	18.13	17.97	19.0	0.0	
Channel				5027.04	5189.98	5344.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515.53	2562.99	2672.49			
35	QPSK	1	1	18.00	18.06	18.02	19.0	0.0	
Channel				5022.00	5189.98	5349.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2562.99	2674.98			
30	QPSK	1	1	18.07	18.12	18.04	19.0	0.0	
Channel				5017.02	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2562.99	2677.5			
25	QPSK	1	1	17.99	18.11	17.99	19.0	0.0	
Channel				5025.04	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.02	2562.99	2679.99			
20	QPSK	1	1	18.05	18.09	17.95	19.0	0.0	
Channel				5007.00	5189.98	5359.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2562.99	2682.48			
15	QPSK	1	1	18.05	18.06	18.00	19.0	0.0	
Channel				5002.02	5189.98	5370.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2562.99	2685			
10	QPSK	1	1	18.07	18.07	17.95	19.0	0.0	

FCC_n41_Ant 2_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				5050.02	5189.98	5250.98			
100	P2 BPSK	1	1	18.00	18.08	18.01			
100	P2 BPSK	1	137	18.00	18.11	18.03	19.0	0.0	
100	P2 BPSK	1	271	18.08	18.05	17.99			
100	P2 BPSK	135	0	18.08	18.04	17.99	19.0	0.0	
100	P2 BPSK	135	69	17.97	18.11	18.02	19.0	0.0	
100	P2 BPSK	135	138	18.06	18.00	18.07			
100	P2 BPSK	270	0	17.98	18.08	18.02	19.0	0.0	
100	QPSK	1	1	18.02	18.13	17.92			
100	QPSK	1	137	18.00	18.14	18.05	19.0	0.0	
100	QPSK	1	271	18.05	18.10	18.00			
100	QPSK	135	0	18.08	18.05	18.00			
100	QPSK	135	69	18.02	18.04	17.99	19.0	0.0	
100	QPSK	135	138	18.00	18.03	18.00			
100	QPSK	270	0	18.02	18.03	18.02	19.0	0.0	
100	16QAM	1	1	18.11	18.07	17.95	19.0	0.0	
100	64QAM	1	1	18.02	18.10	18.00	19.0	0.0	
100	256QAM	1	1	18.00	18.06	18.00	19.0	0.0	
Channel				5050.00	5189.98	5250.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2561	2562.99	2644.98			
90	QPSK	1	1	18.01	18.09	17.87	19.0	0.0	
Channel				5072.04	5189.98	5270.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2558.02	2562.99	2648.99			
80	QPSK	1	1	18.01	18.04	18.02	19.0	0.0	
Channel				5062.02	5189.98	5310.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2562.99	2645			
70	QPSK	1	1	18.06	18.12	18.02	19.0	0.0	
Channel				5050.00	5189.98	5319.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2562.99	2659.98			
60	QPSK	1	1	18.03	18.03	17.95	19.0	0.0	
Channel				5042.04	5189.98	5329.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2551.02	2562.99	2664.99			
50	QPSK	1	1	18.03	18.03	18.01	19.0	0.0	
Channel				5030.00	5189.98	5339.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2562.99	2667.48			
45	QPSK	1	1	18.00	18.06	18.04	19.0	0.0	
Channel				5020.02	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2562.99	2670			
40	QPSK	1	1	18.00	18.13	17.77	19.0	0.0	
Channel				5020.04	5189.98	5348.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.52	2562.99	2675.98			
35	QPSK	1	1	18.00	18.08	18.02	19.0	0.0	
Channel				5020.00	5189.98	5349.96	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2562.99	2674.98			
30	QPSK	1	1	18.07	18.12	18.04	19.0	0.0	
Channel				5017.02	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2562.99	2675			
25	QPSK	1	1	17.99	18.11	17.79	19.0	0.0	
Channel				5020.04	5189.98	5350.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2562.99	2679.99			
20	QPSK	1	1	18.05	18.09	17.95	19.0	0.0	
Channel				5007.00	5189.98	5350.98	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2562.99	2682.48			
15	QPSK	1	1	18.05	18.06	18.00	19.0	0.0	
Channel				5000.02	5189.98	5350.00	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2562.99	2685			
10	QPSK	1	1	18.07	18.07	17.95	19.0	0.0	

FCC_n41_Ant 8_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560.00			
100	Pi2 BPSK	1	1	20.40	20.54	20.52		21.5	0.0
100	Pi2 BPSK	1	137	20.42	20.51	20.45			
100	Pi2 BPSK	1	271	20.41	20.45	20.44			
100	Pi2 BPSK	136	0	20.41	20.46	20.46	21.5		
100	Pi2 BPSK	136	69	20.48	20.48	20.46	21.5		0.0
100	Pi2 BPSK	136	136	20.43	20.50	20.52		21.5	0.0
100	Pi2 BPSK	270	0	20.48	20.47	20.46			
100	QPSK	1	1	20.49	20.51	20.51		21.5	0.0
100	QPSK	1	137	20.39	20.51	20.47			
100	QPSK	1	271	20.46	20.50	20.51			
100	QPSK	136	0	20.44	20.46	20.50			
100	QPSK	136	69	20.45	20.46	20.39		21.5	0.0
100	QPSK	136	136	20.43	20.53	20.46			
100	QPSK	270	0	20.39	20.41	20.38	21.5	0.0	0.0
100	16QAM	1	1	20.44	20.51	20.45	21.5	0.0	0.0
100	16QAM	1	1	20.44	20.54	20.43	21.5	0.0	0.0
100	256QAM	1	1	20.44	20.53	20.51	21.5	0.0	0.0
Channel									
Frequency (MHz)				5020.01	5189.99	5300.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	20.47	20.52	20.42	21.5	0.0	0.0
Channel									
Frequency (MHz)				2536.02	2552.99	2569.99			
80	QPSK	1	1	20.44	20.45	20.43	21.5	0.0	0.0
Channel									
Frequency (MHz)				50620.02	5189.99	53100.01	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	20.43	20.47	20.46	21.5	0.0	0.0
Channel									
Frequency (MHz)				50520.01	5189.99	53199.99	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	20.44	20.52	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50420.01	5189.99	53299.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	20.39	20.47	20.42	21.5	0.0	0.0
Channel									
Frequency (MHz)				50370.00	5189.99	53349.99	Tune-up limit (dBm)	MPR (dB)	
45	QPSK	1	1	20.45	20.50	20.48	21.5	0.0	0.0
Channel									
Frequency (MHz)				50320.02	5189.99	53400.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	20.44	20.52	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50270.01	5189.99	53499.99	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	20.45	20.49	20.47	21.5	0.0	0.0
Channel									
Frequency (MHz)				50220.01	5189.99	53499.99	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.45	20.50	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50170.02	5189.99	53500.01	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.39	20.51	20.48	21.5	0.0	0.0
Channel									
Frequency (MHz)				50120.01	5189.99	53599.99	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.45	20.51	20.43	21.5	0.0	0.0
Channel									
Frequency (MHz)				50070.01	5189.99	53699.99	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.44	20.47	20.50	21.5	0.0	0.0
Channel									
Frequency (MHz)				50020.02	5189.99	53700.01	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.48	20.52	20.47	21.5	0.0	0.0

FCC_n41_Ant 8_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 50620.2	Power Middle Ch. / Freq 51898.6	Power High Ch. / Freq 53000.0	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560.00			
100	Pi2 BPSK	1	1	20.40	20.54	20.52		21.5	0.0
100	Pi2 BPSK	1	137	20.42	20.51	20.45			
100	Pi2 BPSK	1	271	20.41	20.45	20.44			
100	Pi2 BPSK	136	0	20.41	20.46	20.46	21.5		
100	Pi2 BPSK	136	69	20.48	20.48	20.45	21.5	0.0	0.0
100	Pi2 BPSK	136	136	20.43	20.50	20.52		21.5	0.0
100	Pi2 BPSK	270	0	20.48	20.47	20.46			
100	QPSK	1	1	20.40	20.50	20.51		21.5	0.0
100	QPSK	1	137	20.39	20.51	20.47			
100	QPSK	1	271	20.46	20.50	20.51			
100	QPSK	136	0	20.44	20.46	20.50			
100	QPSK	136	69	20.45	20.46	20.39		21.5	0.0
100	QPSK	136	136	20.43	20.53	20.46			
100	QPSK	270	0	20.39	20.41	20.38	21.5	0.0	0.0
100	16QAM	1	1	20.44	20.51	20.45	21.5	0.0	0.0
100	16QAM	1	1	20.44	20.54	20.43	21.5	0.0	0.0
100	256QAM	1	1	20.44	20.53	20.51	21.5	0.0	0.0
Channel									
Frequency (MHz)				5020.01	5189.99	5300.01	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	20.47	20.52	20.42	21.5	0.0	0.0
Channel									
Frequency (MHz)				2536.02	2552.99	2569.99	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	20.44	20.45	20.43	21.5	0.0	0.0
Channel									
Frequency (MHz)				50620.02	5189.99	53100.01	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	20.43	20.47	20.46	21.5	0.0	0.0
Channel									
Frequency (MHz)				50520.01	5189.99	53199.99	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	20.44	20.52	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50420.01	5189.99	53299.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	20.39	20.47	20.42	21.5	0.0	0.0
Channel									
Frequency (MHz)				50370.00	5189.99	53349.99	Tune-up limit (dBm)	MPR (dB)	
45	QPSK	1	1	20.43	20.48	20.47	21.5	0.0	0.0
Channel									
Frequency (MHz)				50320.02	5189.99	53400.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	20.44	20.47	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50270.01	5189.99	53499.99	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	20.45	20.49	20.47	21.5	0.0	0.0
Channel									
Frequency (MHz)				50220.01	5189.99	53499.99	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.45	20.50	20.45	21.5	0.0	0.0
Channel									
Frequency (MHz)				50170.02	5189.99	53500.01	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.39	20.51	20.48	21.5	0.0	0.0
Channel									
Frequency (MHz)				50120.04	5189.99	53599.99	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.45	20.52	20.43	21.5	0.0	0.0
Channel									
Frequency (MHz)				50070.01	5189.99	53699.99	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.44	20.47	20.50	21.5	0.0	0.0
Channel									
Frequency (MHz)				50020.02	5189.99	53700.01	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	20.48	20.52	20.47	21.5	0.0	0.0

FCC_n41_Ant 9_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560.00			
100	Pi2 BPSK	1	1	20.19	20.26	20.19		21.0	0.0
100	Pi2 BPSK	1	137	20.18	20.22	20.12			
100	Pi2 BPSK	1	271	20.20	20.19	20.18			
100	Pi2 BPSK	135	0	20.20	20.21	20.12	21.0	0.0	
100	Pi2 BPSK	135	68	20.20	20.21	20.12	21.0	0.0	
100	Pi2 BPSK	135	138	20.18	20.27	20.12	21.0	0.0	
100	Pi2 BPSK	270	0	20.25	20.20	20.12			
100	QPSK	1	1	20.26	20.34	20.21			
100	QPSK	1	137	20.22	20.22	20.14	21.0	0.0	
100	QPSK	1	271	20.24	20.19	20.13			
100	QPSK	135	0	20.20	20.22	20.18			
100	QPSK	135	69	20.27	20.28	20.20	21.0	0.0	
100	QPSK	135	138	20.19	20.26	20.19	21.0	0.0	
100	QPSK	270	0	20.21	20.25	20.14	21.0	0.0	
100	16QAM	1	1	20.19	20.23	20.13	21.0	0.0	
100	64QAM	1	1	20.19	20.21	20.18	21.0	0.0	
100	256QAM	1	1	20.20	20.22	20.21	21.0	0.0	
Channel				2546.01	2552.99	2560.00	Tune-up limit (dbm)	MPR (db)	
90	QPSK	1	1	20.28	20.32	20.17	21.0	0.0	
Channel				2547.00	2556.98	2569.98	Tune-up limit (dbm)	MPR (db)	
80	QPSK	1	1	20.26	20.29	20.12	21.0	0.0	
Channel				2550.02	2558.98	2570.00	Tune-up limit (dbm)	MPR (db)	
70	QPSK	1	1	20.23	20.29	20.12	21.0	0.0	
Channel				2552.00	2558.98	2565.98	Tune-up limit (dbm)	MPR (db)	
60	QPSK	1	1	20.26	20.29	20.16	21.0	0.0	
Channel				2554.00	2558.98	2562.98	Tune-up limit (dbm)	MPR (db)	
50	QPSK	1	1	20.21	20.24	20.20	21.0	0.0	
Channel				2557.00	2558.98	2558.98	Tune-up limit (dbm)	MPR (db)	
40	QPSK	1	1	20.15	20.29	20.19	21.0	0.0	
35	QPSK	1	1	20.23	20.29	20.18	21.0	0.0	
Channel				2562.02	2558.98	2540.00	Tune-up limit (dbm)	MPR (db)	
40	QPSK	1	1	2516.01	2552.99	2570.00	21.0	0.0	
Channel				2563.00	2558.98	2545.00	Tune-up limit (dbm)	MPR (db)	
35	QPSK	1	1	20.20	20.20	20.16	21.0	0.0	
Channel				2562.00	2558.98	2548.98	Tune-up limit (dbm)	MPR (db)	
30	QPSK	1	1	20.11	20.29	20.18	21.0	0.0	
Channel				2567.02	2558.98	2555.00	Tune-up limit (dbm)	MPR (db)	
25	QPSK	1	1	20.28	20.33	20.20	21.0	0.0	
Channel				2570.04	2558.98	2558.98	Tune-up limit (dbm)	MPR (db)	
20	QPSK	1	1	20.06	20.29	20.18	21.0	0.0	
Channel				2571.00	2558.98	2552.98	Tune-up limit (dbm)	MPR (db)	
15	QPSK	1	1	20.19	20.28	20.17	21.0	0.0	
Channel				2560.02	2558.98	2570.00	Tune-up limit (dbm)	MPR (db)	
10	QPSK	1	1	20.01	20.29	20.18	21.0	0.0	
10	QPSK	1	1	20.23	20.33	20.20	21.0	0.0	

FCC_n41_Ant 9_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	20.19	20.20	20.19			
100	P22 BPSK	1	137	20.18	20.22	20.12	21.0	0.0	
100	P22 BPSK	1	271	20.20	20.19	20.18			
100	P22 BPSK	135	0	20.20	20.21	20.12	21.0	0.0	
100	P22 BPSK	135	69	20.20	20.20	20.16	21.0	0.0	
100	P22 BPSK	135	138	20.18	20.22	20.12	21.0	0.0	
100	P22 BPSK	270	0	20.25	20.20	20.12			
100	QPSK	1	1	20.26	20.34	20.21			
100	QPSK	1	137	20.27	20.22	20.14	21.0	0.0	
100	QPSK	1	271	20.24	20.19	20.13			
100	QPSK	135	0	20.20	20.22	20.18			
100	QPSK	135	69	20.21	20.20	20.20	21.0	0.0	
100	QPSK	135	138	20.19	20.25	20.19			
100	QPSK	270	0	20.21	20.25	20.14	21.0	0.0	
100	16QAM	1	1	20.20	20.26	20.13	21.0	0.0	
100	64QAM	1	1	20.19	20.21	20.18	21.0	0.0	
100	256QAM	1	1	20.20	20.22	20.21	21.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.28	20.32	20.17	21.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.22	20.26	20.12	21.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.18	20.29	20.12	21.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.25	20.29	20.11	21.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.30	20.34	20.20	21.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	20.23	20.29	20.18	21.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.24	20.27	20.15	21.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	20.20	20.25	20.16	21.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.24	20.30	20.11	21.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.21	20.33	20.20	21.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.19	20.25	20.12	21.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.19	20.28	20.17	21.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.23	20.33	20.13	21.0	0.0	

FCC_n41_Ant 6_PC3									
BW (MHz)	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	P22 BPSK	1	1	20.22	20.54	20.66			
100	P22 BPSK	1	137	20.63	20.46	20.78	22.0	0.0	
100	P22 BPSK	1	271	20.67	20.88	20.81			
100	P22 BPSK	135	0	20.38	20.65	20.75	22.0	0.0	
100	P22 BPSK	135	69	20.61	20.78	20.86	22.0	0.0	
100	P22 BPSK	135	138	20.65	20.41	20.91	22.0	0.0	
100	P22 BPSK	270	0	20.58	20.77	20.53			
100	QPSK	1	1	20.29	20.41	20.61			
100	QPSK	1	137	20.61	20.46	20.76	22.0	0.0	
100	QPSK	1	271	20.69	20.87	20.90			
100	QPSK	135	0	20.38	20.45	20.78			
100	QPSK	135	69	20.72	20.92	20.89	22.0	0.0	
100	QPSK	135	138	20.62	20.81	20.81			
100	QPSK	270	0	20.68	20.87	20.85	22.0	0.0	
100	16QAM	1	137	20.62	20.76	20.76	22.0	0.0	
100	64QAM	1	137	19.88	20.11	20.33	21.5	0.5	
100	256QAM	1	137	17.81	18.12	18.32	19.5	2.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	20.55	20.92	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	20.64	20.84	20.78	22.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	20.61	20.83	20.80	22.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	20.65	20.73	20.73	22.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	20.59	20.75	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	20.71	20.87	20.81	22.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	20.63	20.91	20.77	22.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	20.69	20.83	20.90	22.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.61	20.85	20.84	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.68	20.89	20.87	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.61	20.88	20.80	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.76	20.79	20.86	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.74	20.88	20.83	22.0	0.0	

FCC_n41_Ant 6_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	21.73	22.09	22.05			
100	P22 BPSK	1	137	21.73	22.04	21.98	23.0	0.0	
100	P22 BPSK	1	271	21.74	22.01	21.98			
100	P22 BPSK	135	0	21.71	21.88	22.10	23.0	0.0	
100	P22 BPSK	135	69	21.81	22.10	22.02	23.0	0.0	
100	P22 BPSK	135	138	21.80	22.09	22.00	23.0	0.0	
100	P22 BPSK	270	0	21.84	22.11	22.06			
100	QPSK	1	1	21.88	22.12	22.05			
100	QPSK	1	137	21.78	22.05	21.98	23.0	0.0	
100	QPSK	1	271	21.75	22.09	22.03			
100	QPSK	135	0	21.35	21.72	21.83			
100	QPSK	135	69	21.74	22.05	22.05	23.0	0.0	
100	QPSK	135	138	21.59	21.98	21.98			
100	QPSK	270	0	21.27	21.85	21.82	23.0	0.0	
100	16QAM	1	137	21.40	21.90	21.76	23.0	0.0	
100	64QAM	1	137	18.66	20.11	20.35	21.5	1.5	
100	256QAM	1	137	17.75	18.00	18.35	20.5	3.5	
Channel									
Frequency (MHz)									
90	QPSK	1	1	25.41	25.92	26.44	23.0	0.0	
90	QPSK	1	1	21.78	22.04	22.03	23.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	50.724	51.896	52.996	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	21.78	22.07	21.97	23.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	50.606	51.896	53.000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	23.11	25.92	25.92	23.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	50.520	51.896	53.996	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	21.86	25.92	26.98	23.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.25	22.11	21.96	23.0	0.0	
50	QPSK	1	1	50.724	51.896	52.996	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	22.04	25.92	26.94	23.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	50.730	51.896	53.896	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	25.15	25.92	26.97	23.0	0.0	
40	QPSK	1	1	21.85	22.07	22.00	23.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	50.632	51.896	53.400	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	25.16	25.92	26.70	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.81	22.04	21.97	23.0	0.0	
20	QPSK	1	1	50.724	51.896	53.448	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	25.13	25.92	26.724	23.0	0.0	
15	QPSK	1	1	21.77	22.06	22.01	23.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	50.720	51.896	53.496	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	25.14	25.92	26.718	23.0	0.0	
10	QPSK	1	1	21.84	22.05	21.99	23.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	50.702	51.896	53.990	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	23.451	25.92	26.775	23.0	0.0	
5	QPSK	1	1	22.03	22.03	21.99	23.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	50.704	51.896	53.968	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	25.06	25.92	26.798	23.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.83	22.09	22.02	23.0	0.0	
20	QPSK	1	1	50.702	51.896	53.956	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.83	22.08	21.95	23.0	0.0	
15	QPSK	1	1	50.692	51.896	53.700	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	23.401	25.92	26.68	23.0	0.0	
10	QPSK	1	1	21.84	22.05	21.97	23.0	0.0	

Part270_n77_Ant 4_PC3									
BW (MHz)	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	P2 PSK	1	1	21.67	21.69	21.58			
100	P2 PSK	1	137	21.72	21.68	21.64	22.5	0.0	
100	P2 PSK	1	271	21.68	21.72	21.60			
100	P2 PSK	135	0	21.73	21.66	21.58	22.5	0.0	
100	P2 PSK	135	69	21.69	21.70	21.62	22.5	0.0	
100	P2 PSK	135	138	21.70	21.74	21.56			
100	P2 PSK	270	0	21.73	21.75	21.64	22.5	0.0	
100	QPSK	1	1	21.74	21.76	21.68			
100	QPSK	1	137	21.73	21.75	21.59	22.5	0.0	
100	QPSK	1	271	21.69	21.69	21.64			
100	QPSK	135	0	21.66	21.69	21.58			
100	QPSK	135	69	21.72	21.74	21.60	22.5	0.0	
100	QPSK	135	138	21.62	21.73	21.59			
100	QPSK	270	0	21.70	21.71	21.63	22.5	0.0	
100	16QAM	1	1	21.69	21.69	21.58	22.5	0.0	
100	64QAM	1	1	21.71	21.66	21.64	22.5	0.0	
100	256QAM	1	1	21.47	21.60	21.49	22.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.70	21.68	21.58	22.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.68	21.70	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.70	21.75	21.58	22.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.65	21.74	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.66	21.66	21.57	22.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.70	21.69	21.60	22.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.71	21.64	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.72	21.73	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.64	21.74	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.68	21.75	21.61	22.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.65	21.75	21.57	22.5	0.0	

Part270_n77_Ant 4_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	21.67	21.69	21.58			
100	P2 PSK	1	137	21.72	21.68	21.64	22.5	0.0	
100	P2 PSK	1	271	21.68	21.72	21.60			
100	P2 PSK	135	0	21.73	21.66	21.58	22.5	0.0	
100	P2 PSK	135	69	21.69	21.70	21.62	22.5	0.0	
100	P2 PSK	135	138	21.70	21.74	21.56			
100	P2 PSK	270	0	21.73	21.75	21.64	22.5	0.0	
100	QPSK	1	1	21.74	21.76	21.68			
100	QPSK	1	137	21.67	21.73	21.59	22.5	0.0	
100	QPSK	1	271	21.69	21.69	21.64			
100	QPSK	135	0	21.66	21.69	21.58			
100	QPSK	135	69	21.72	21.74	21.60	22.5	0.0	
100	QPSK	135	138	21.62	21.73	21.59			
100	QPSK	270	0	21.70	21.71	21.63	22.5	0.0	
100	16QAM	1	1	21.69	21.69	21.58	22.5	0.0	
100	64QAM	1	1	21.71	21.66	21.64	22.5	0.0	
100	256QAM	1	1	21.47	21.60	21.49	22.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	21.70	21.68	21.58	22.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	21.68	21.70	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	21.70	21.75	21.58	22.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	21.65	21.74	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	21.66	21.66	21.57	22.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	21.70	21.69	21.60	22.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	21.66	21.71	21.64	22.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	21.72	21.73	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	21.64	21.74	21.59	22.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	21.68	21.75	21.61	22.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	21.65	21.75	21.57	22.5	0.0	

Part270_n77_Ant 5_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Middle Ch. / Freq. 650000	Power High Ch. / Freq. 650000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	22.35	22.33	22.29			
100	P2 PSK	1	137	22.28	22.30	22.29	22.5	0.0	
100	P2 PSK	1	271	22.30	22.32	22.29			
100	P2 PSK	135	0	22.34	22.37	22.21	22.5	0.0	
100	P2 PSK	135	69	22.28	22.31	22.28	22.5	0.0	
100	P2 PSK	135	138	22.35	22.34	22.20	22.5	0.0	
100	P2 PSK	270	0	22.34	22.38	22.28	22.5	0.0	
100	QPSK	1	1	22.34	22.42	22.36			
100	QPSK	1	137	22.28	22.32	22.27	22.5	0.0	
100	QPSK	1	271	22.28	22.37	22.24			
100	QPSK	135	0	22.33	22.34	22.27			
100	QPSK	135	69	22.33	22.35	22.28	22.5	0.0	
100	QPSK	135	138	22.27	22.34	22.22			
100	QPSK	270	0	22.30	22.34	22.25	22.5	0.0	
100	16QAM	1	1	22.32	22.39	22.22	22.5	0.0	
100	64QAM	1	1	22.31	22.32	22.26	22.5	0.0	
100	256QAM	1	1	22.08	22.14	22.04	22.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	22.30	22.40	22.30	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
80	QPSK	1	1	22.32	22.36	22.29	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
70	QPSK	1	1	22.25	22.40	22.29	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	22.25	22.36	22.34	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
50	QPSK	1	1	22.25	22.36	22.34	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	22.25	22.34	22.28	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	22.30	22.34	22.27	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
25	QPSK	1	1	22.34	22.38	22.34	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	22.34	22.38	22.34	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.28	22.37	22.29	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.00	22.05	22.00	22.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
10	QPSK	1	1	22.08	22.35	22.34	22.5	0.0	MPR (dB)

Part270_n77_Ant 11_PC3									
BW [MHz]	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	P2 PSK	1	1	17.84	17.89	17.92			
100	P2 PSK	1	137	17.79	17.86	17.48	18.5	0.0	
100	P2 PSK	1	271	17.81	17.86	17.48			
100	P2 PSK	135	0	17.78	17.81	17.47	18.5	0.0	
100	P2 PSK	135	69	17.76	17.85	17.53	18.5	0.0	
100	P2 PSK	135	138	17.83	17.89	17.45			
100	P2 PSK	270	0	17.82	17.87	17.49	18.5	0.0	
100	QPSK	1	1	17.86	17.90	17.51			
100	QPSK	1	137	17.78	17.86	17.46	18.5	0.0	
100	QPSK	1	271	17.80	17.87	17.47			
100	QPSK	135	0	17.74	17.79	17.39			
100	QPSK	135	69	17.82	17.87	17.48	18.5	0.0	
100	QPSK	135	138	17.77	17.86	17.46			
100	QPSK	270	0	17.77	17.79	17.46	18.5	0.0	
100	16QAM	1	1	17.81	17.84	17.50	18.5	0.0	
100	64QAM	1	1	17.80	17.82	17.47	18.5	0.0	
100	256QAM	1	1	17.80	17.86	17.47	18.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	17.83	17.87	17.50	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.80	17.86	17.48	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	17.80	17.88	17.41	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.83	17.82	17.45	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	17.81	17.81	17.42	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.81	17.88	17.49	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.76	17.89	17.44	18.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	17.81	17.87	17.43	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.72	17.80	17.45	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.82	17.87	17.49	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.84	17.89	17.45	18.5	0.0	

Part270_n77_Ant 11_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P2 PSK	1	1	17.84	17.89	17.52			
100	P2 PSK	1	137	17.79	17.86	17.48	18.5	0.0	
100	P2 PSK	1	271	17.81	17.86	17.48			
100	P2 PSK	135	0	17.78	17.81	17.47	18.5	0.0	
100	P2 PSK	135	69	17.76	17.85	17.53	18.5	0.0	
100	P2 PSK	135	138	17.83	17.89	17.45			
100	P2 PSK	270	0	17.80	17.87	17.49	18.5	0.0	
100	QPSK	1	1	17.86	17.90	17.51			
100	QPSK	1	137	17.78	17.86	17.46	18.5	0.0	
100	QPSK	1	271	17.80	17.87	17.47			
100	QPSK	135	0	17.74	17.79	17.39			
100	QPSK	135	69	17.82	17.87	17.48	18.5	0.0	
100	QPSK	135	138	17.77	17.86	17.46			
100	QPSK	270	0	17.77	17.79	17.46	18.5	0.0	
100	16QAM	1	1	17.81	17.84	17.50	18.5	0.0	
100	64QAM	1	1	17.80	17.82	17.47	18.5	0.0	
100	256QAM	1	1	17.80	17.86	17.47	18.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	17.83	17.87	17.50	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	17.80	17.86	17.48	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	17.80	17.88	17.41	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	17.83	17.82	17.45	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	17.81	17.81	17.42	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.81	17.88	17.49	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.76	17.89	17.44	18.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	17.81	17.87	17.43	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.72	17.80	17.45	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.82	17.87	17.49	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.84	17.89	17.45	18.5	0.0	

Part270_n78_Ant 4_PC3									
BW [MHz]	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	P2 PSK	1	1		3750				
100	P2 PSK	1	137		2159		22.5	0.0	
100	P2 PSK	1	271		2157				
100	P2 PSK	135	0		2163		22.5	0.0	
100	P2 PSK	135	69		2163		22.5	0.0	
100	P2 PSK	135	138		2160		22.5	0.0	
100	P2 PSK	270	0		2165				
100	QPSK	1	1		2165				
100	QPSK	1	137		2164		22.5	0.0	
100	QPSK	1	271		2158				
100	QPSK	135	0		2160				
100	QPSK	135	69		2161		22.5	0.0	
100	QPSK	135	138		2158		22.5	0.0	
100	QPSK	270	0		2156				
100	16QAM	1	1		2160		22.5	0.0	
100	64QAM	1	1		2161		22.5	0.0	
100	256QAM	1	1		2147		22.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	2157	2163	2163	22.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	2160	2162	2157	22.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	2155	2164	2157	22.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	2155	2160	2158	22.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	2161	2160	2156	22.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	2157	2157	2156	22.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	2160	2160	2156	22.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	2157	2163	2157	22.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	2162	2156	2156	22.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	2160	2155	2164	22.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	2162	2162	2160	22.5	0.0	

Part270_n78 Ant 4 PC2											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power High Ch. Freq.	Power Low Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta +0.5	公式
Channel											
Frequency (MHz)											
100	PV2 BPSK	1	1	21.59	21.59	21.59	21.59	22.5	0.0	0.06	22.50
100	PV2 BPSK	1	137	21.57	21.57	21.57	21.57	22.5	0.0	0.06	22.50
100	PV2 BPSK	1	271	21.63	21.63	21.63	21.63	22.5	0.0	0.06	22.50
100	PV2 BPSK	135	0	21.61	21.61	21.61	21.61	22.5	0.0	0.00	22.50
100	PV2 BPSK	135	69	21.63	21.63	21.63	21.63	22.5	0.0	0.00	22.50
100	PV2 BPSK	135	138	21.60	21.60	21.60	21.60	22.5	0.0	0.00	22.50
100	PV2 BPSK	135	198	21.63	21.63	21.63	21.63	22.5	0.0	0.05	22.50
100	QPSK	270	0	21.55	21.55	21.55	21.55	22.5	0.0	0.00	22.50
100	QPSK	1	1	21.64	21.64	21.64	21.64	22.5	0.0	0.07	22.50
100	QPSK	1	137	21.58	21.58	21.58	21.58	22.5	0.0	0.07	22.50
100	QPSK	1	271	21.58	21.58	21.58	21.58	22.5	0.0	0.07	22.50
100	QPSK	135	0	21.61	21.61	21.61	21.61	22.5	0.0	0.00	22.50
100	QPSK	135	69	21.60	21.60	21.60	21.60	22.5	0.0	0.03	22.50
100	QPSK	135	138	21.58	21.58	21.58	21.58	22.5	0.0	0.00	22.50
100	QPSK	270	0	21.56	21.56	21.56	21.56	22.5	0.0	0.00	22.50
100	16QAM	1	1	21.55	21.55	21.55	21.55	22.5	0.0	0.00	22.50
100	64QAM	1	1	21.61	21.61	21.61	21.61	22.5	0.0	0.00	22.50
100	256QAM	1	1	21.47	21.47	21.47	21.47	22.5	0.0	0.00	22.50
Channel											
Frequency (MHz)											
90	QPSK	1	1	64998	65000	65033	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3754.02	3750	3754.58	(dBm)	(dB)	+0.5	0.06	22.50
				21.57	21.63	21.63	(dBm)	(dB)	0.06	22.50	
Channel											
Frequency (MHz)											
80	QPSK	1	1	64934	65000	65066	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3749.01	3750	3749.99	(dBm)	(dB)	0.05	22.50	
				21.60	21.62	21.57	22.5	0.0	0.05	22.50	
Channel											
Frequency (MHz)											
70	QPSK	1	1	64900	65000	65100	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3720	3750	3780	(dBm)	(dB)	+0.5	0.06	22.50
				21.55	21.64	21.57	22.5	0.0	0.00	22.50	
Channel											
Frequency (MHz)											
60	QPSK	1	1	64968	65000	65132	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3726.02	3750	3759.98	(dBm)	(dB)	+0.5	0.06	22.50
				21.58	21.60	21.58	22.5	0.0	0.06	22.50	
Channel											
Frequency (MHz)											
50	QPSK	1	1	64934	65000	65166	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3726.01	3750	3774.99	(dBm)	(dB)	+0.5	0.06	22.50
				21.61	21.60	21.56	22.5	0.0	0.08	22.50	
Channel											
Frequency (MHz)											
40	QPSK	1	1	64900	65000	65200	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3720	3750	3780	(dBm)	(dB)	+0.5	0.06	22.50
				21.57	21.57	21.56	22.5	0.0	0.01	22.50	
Channel											
Frequency (MHz)											
30	QPSK	1	1	64769	65000	65232	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3714.02	3750	3784.48	(dBm)	(dB)	+0.5	0.06	22.50
				21.60	21.63	21.56	22.5	0.0	0.07	22.50	
Channel											
Frequency (MHz)											
25	QPSK	1	1	64700	65000	65260	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3712.1	3750	3787.7	(dBm)	(dB)	+0.5	0.06	22.50
				21.57	21.63	21.57	22.5	0.0	0.00	22.50	
Channel											
Frequency (MHz)											
20	QPSK	1	1	64734	65000	65366	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3710.01	3750	3789.99	(dBm)	(dB)	+0.5	0.06	22.50
				21.62	21.56	21.56	22.5	0.0	0.07	22.50	
Channel											
Frequency (MHz)											
15	QPSK	1	1	64767	65000	65432	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3707.52	3750	3792.48	(dBm)	(dB)	+0.5	0.06	22.50
				21.60	21.55	21.64	22.5	0.0	0.09	22.50	
Channel											
Frequency (MHz)											
10	QPSK	1	1	64700	65000	65500	Tune-up limit (dBm)	MPR	Ch Delta	公式	
				3705	3750	3795	(dBm)	(dB)	+0.5	0.06	22.50
				21.58	21.55	21.61	22.5	0.0	0.00	22.50	

Part270_n78_Ant 5_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Loss Ch./Freq.	Power Margin Ch./Freq.	Power Margin Ch./Freq.	Time-up limit (dBm)	AF36 (dB)	
Channel									
Frequency (MHz)				3760					
100	PV2 BPSK	1	1	22,33					
100	PV2 BPSK	1	137	22,29					
100	PV2 BPSK	1	271	22,30				0.0	
100	PV2 BPSK	135	0	22,28			22.5	0.0	
100	PV2 BPSK	135	69	22,33			22.5	0.0	
100	PV2 BPSK	135	138	22,29			22.5	0.0	
100	PV2 BPSK	270	0	22,27			22.5	0.0	
100	QPSK	1	1	22,34					
100	QPSK	1	137	22,29			22.5	0.0	
100	QPSK	1	271	22,28					
100	QPSK	135	0	22,26					
100	QPSK	135	69	22,31			22.5	0.0	
100	QPSK	135	138	22,29					
100	QPSK	270	0	22,28			22.5	0.0	
100	16QAM	1	1	22,28			22.5	0.0	
100	64QAM	1	1	22,31			22.5	0.0	
100	256QAM	1	1	22,29			22.5	0.0	
Channel									
Frequency (MHz)				64989			64933	5.6	
Frequency (MHz)				3745.02			3760	3754.58	
90	QPSK	1	1	22,31	22,26	22,25	22.5	0.0	
Channel									
Frequency (MHz)				64534			65006	466.86	
80	QPSK	1	1	22,26	22,32	22,24	22.5	0.0	
Channel									
Frequency (MHz)				64500			65006	506.00	
Frequency (MHz)				3720			3760	3760	
70	QPSK	1	1	22,31	22,28	22,23	22.5	0.0	
Channel									
Frequency (MHz)				64989			65006	61.132	
Frequency (MHz)				3730.02			3760	3769.98	
60	QPSK	1	1	22,26	22,26	22,27	22.5	0.0	
Channel									
Frequency (MHz)				64534			65006	616.66	
50	QPSK	1	1	22,26	22,28	22,24	22.5	0.0	
Channel									
Frequency (MHz)				3720			3760	3760	
40	QPSK	1	1	22,26	22,24	22,29	22.5	0.0	
Channel									
Frequency (MHz)				64768			65006	653.32	
30	QPSK	1	1	22,33	22,28	22,31	22.5	0.0	
Channel									
Frequency (MHz)				64760			65006	662.50	
Frequency (MHz)				3713.15			3760	3764.85	
25	QPSK	1	1	22,33	22,24	22,24	22.5	0.0	
Channel									
Frequency (MHz)				64734			65006	336.75	
Frequency (MHz)				3710.01			3760	3769.99	
20	QPSK	1	1	22,29	22,28	22,33	22.5	0.0	
Channel									
Frequency (MHz)				64776			65006	629.32	
15	QPSK	1	1	22,32	22,28	22,30	22.5	0.0	
Channel									
Frequency (MHz)				64705			65006	653.00	
10	QPSK	1	1	22,28	22,25	22,31	22.5	0.0	

Part270_n78_Ant 5_PC2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. / Freq.	Power Level Ch. / Freq.	Power Level Ch. / Freq.	Turn-up time (dBm)	MPR (dB)
Channel								
Frequency (MHz)					3750			
100	P2/2 BPSK	1	1	22, 23				
100	P2/2 BPSK	1	137	22, 29			22.5	0.0
100	P2/2 BPSK	1	271	22, 32				
100	P2/2 BPSK	135	0	22, 29			22.5	0.0
100	P2/2 BPSK	135	69	22, 29			22.5	0.0
100	P2/2 BPSK	135	138	22, 33			22.5	0.0
100	P2/2 BPSK	270	0	22, 27			22.5	0.0
100	QPSK	1	1	22, 34				
100	QPSK	1	137	22, 29			22.5	0.0
100	QPSK	1	271	22, 28				
100	QPSK	135	0	22, 26				
100	QPSK	135	69	22, 31			22.5	0.0
100	QPSK	135	138	22, 29				
100	QPSK	270	0	22, 28			22.5	0.0
100	16QAM	1	1	22, 28			22.5	0.0
100	84QAM	1	1	22, 31			22.5	0.0
100	256QAM	1	1	22, 29			22.5	0.0
Channel								
Frequency (MHz)				64898	65000	65033	Turn-up time (dBm)	MPR (dB)
90	QPSK	1	1	22, 31	22, 26	22, 25	22.5	0.0
Channel								
Frequency (MHz)				64834	65000	65098	Turn-up time (dBm)	MPR (dB)
80	QPSK	1	1	22, 26	23, 32	22, 24	22.5	0.0
Channel								
Frequency (MHz)				64600	65000	65100	Turn-up time (dBm)	MPR (dB)
70	QPSK	1	1	22, 31	22, 29	22, 33	22.5	0.0
Channel								
Frequency (MHz)				64868	65000	65152	Turn-up time (dBm)	MPR (dB)
60	QPSK	1	1	22, 26	22, 26	22, 27	22.5	0.0
Channel								
Frequency (MHz)				64534	65000	65166	Turn-up time (dBm)	MPR (dB)
50	QPSK	1	1	22, 26	22, 28	22, 24	22.5	0.0
Channel								
Frequency (MHz)				64600	65000	65200	Turn-up time (dBm)	MPR (dB)
40	QPSK	1	1	22, 26	22, 24	22, 29	22.5	0.0
Channel								
Frequency (MHz)				64768	65000	65332	Turn-up time (dBm)	MPR (dB)
30	QPSK	1	1	22, 33	22, 28	22, 31	22.5	0.0
Channel								
Frequency (MHz)				64760	65000	65260	Turn-up time (dBm)	MPR (dB)
25	QPSK	1	1	22, 33	22, 24	22, 24	22.5	0.0
Channel								
Frequency (MHz)				64712	65000	65098	Turn-up time (dBm)	MPR (dB)
20	QPSK	1	1	22, 29	22, 29	22, 33	22.5	0.0
Channel								
Frequency (MHz)				64746	65000	65262	Turn-up time (dBm)	MPR (dB)
15	QPSK	1	1	22, 32	22, 28	22, 31	22.5	0.0
Channel								
Frequency (MHz)				64705	65000	65300	Turn-up time (dBm)	MPR (dB)
10	QPSK	1	1	22, 28	22, 26	22, 31	22.5	0.0

Part270_n78_Ant 7_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				649968		650032	21.5	0.0	
Frequency (MHz)				3750					
100	PI2 BPSK	1	1		20.55		21.5	0.0	
100	PI2 BPSK	1	137		20.56				
100	PI2 BPSK	1	271		20.57				
100	PI2 BPSK	135	0		20.62				
100	PI2 BPSK	135	69		20.55		21.5	0.0	
100	PI2 BPSK	135	135		20.55				
100	PI2 BPSK	270	0		20.54				
100	QPSK	1	1		20.68				
100	QPSK	1	137		20.55		21.5	0.0	
100	QPSK	1	271		20.56				
100	QPSK	135	0		20.58				
100	QPSK	135	69		20.63				
100	QPSK	135	135		20.57		21.5	0.0	
100	QPSK	270	0		20.56				
100	16QAM	1	1		20.53				
100	64QAM	1	1		20.62				
100	256QAM	1	1		20.61		21.5	0.0	
Channel				649968	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1		20.66	20.62	20.61	21.5	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1		20.64	20.64	20.64	21.5	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.66	20.67	20.63	21.5	
Channel				648968	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3720.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1		20.64	20.65	20.63	21.5	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1		20.66	20.64	20.66	21.5	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.59	20.64	20.66	21.5	
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1		20.66	20.63	20.64	21.5	
Channel				647500	650000	652500	Tune-up limit	MPR	
Frequency (MHz)				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1		20.58	20.60	20.67	21.5	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1		20.64	20.60	20.62	21.5	
Channel				647168	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dBm)	(dB)	
15	QPSK	1	1		20.64	20.62	20.63	21.5	
Channel				647000	650000	653000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		20.58	20.61	20.62	21.5	

Part270_n78_Ant 7_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	PI2 BPSK	1	1		20.55		21.5	0.0	
100	PI2 BPSK	1	137		20.56				
100	PI2 BPSK	1	271		20.57				
100	PI2 BPSK	135	0		20.62				
100	PI2 BPSK	135	69		20.55		21.5	0.0	
100	PI2 BPSK	135	135		20.56				
100	PI2 BPSK	270	0		20.54				
100	QPSK	1	1		20.68				
100	QPSK	1	137		20.55		21.5	0.0	
100	QPSK	1	271		20.56				
100	QPSK	135	0		20.58				
100	QPSK	135	69		20.63				
100	QPSK	135	135		20.57		21.5	0.0	
100	QPSK	270	0		20.56				
100	16QAM	1	1		20.53				
100	64QAM	1	1		20.62				
100	256QAM	1	1		20.61		21.5	0.0	
Channel									
Frequency (MHz)				649968	650000	650332	Tune-up limit	MPR	
				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1		20.66	20.62	20.61	21.5	
Channel									
Frequency (MHz)				648334	650000	650666	Tune-up limit	MPR	
				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1		20.58	20.64	20.64	21.5	
Channel									
Frequency (MHz)				649000	650000	651000	Tune-up limit	MPR	
				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1		20.66	20.67	20.63	21.5	
Channel									
Frequency (MHz)				648968	650000	651332	Tune-up limit	MPR	
				3720.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1		20.64	20.65	20.63	21.5	
Channel									
Frequency (MHz)				648334	650000	651666	Tune-up limit	MPR	
				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1		20.66	20.64	20.66	21.5	
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit	MPR	
				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1		20.59	20.64	20.66	21.5	
Channel									
Frequency (MHz)				647168	650000	652332	Tune-up limit	MPR	
				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1		20.66	20.63	20.64	21.5	
Channel									
Frequency (MHz)				647500	650000	652500	Tune-up limit	MPR	
				3712.5	3750	3787.5	(dBm)	(dB)	
25	QPSK	1	1		20.58	20.60	20.67	21.5	
Channel									
Frequency (MHz)				647334	650000	652666	Tune-up limit	MPR	
				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1		20.64	20.60	20.62	21.5	
Channel									
Frequency (MHz)				647168	650000	652332	Tune-up limit	MPR	
				3707.52	3750	3792.48	(dBm)	(dB)	
15	QPSK	1	1		20.64	20.62	20.63	21.5	
Channel									
Frequency (MHz)				645000	650000	653000	Tune-up limit	MPR	
				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1		20.58	20.61	20.62	21.5	

Part270_n78_Ant 11_PC3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1		17.81		18.5
100	PI2 BPSK	1	137		17.86		
100	PI2 BPSK	1	271		17.71		
100	PI2 BPSK	135	0		17.86		
100	PI2 BPSK	135	69		17.88		18.5
100	PI2 BPSK	135	138		17.86		
100	PI2 BPSK	270	0		17.84		
100	QPSK	1	1		17.91		
100	QPSK	1	137		17.86		18.5
100	QPSK	1	271		17.85		
100	QPSK	135	0		17.84		
100	QPSK	135	69		17.88		
100	QPSK	135	138		17.76		18.5
100	QPSK	220	0		17.93		
100	16QAM	1	1		17.84		
100	64QAM	1	1		17.85		
100	256QAM	1	1		17.90		0.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	17.82	17.85	17.81	18.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	17.89	17.89	17.83	18.5
Channel							
Frequency (MHz)							
70	QPSK	1	1	17.88	17.89	17.85	18.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	17.88	17.89	17.85	18.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	17.84	17.81	17.81	18.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	17.88	17.83	17.88	18.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	17.88	17.87	17.87	18.5
Channel							
Frequency (MHz)							
25	QPSK	1	1	17.83	17.87	17.83	18.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	17.83	17.83	17.83	18.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	17.85	17.89	17.88	18.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	17.83	17.87	17.89	18.5

Part270_n78_Ant 11_PC2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	PI2 BPSK	1	1		17.81		18.5
100	PI2 BPSK	1	137		17.86		
100	PI2 BPSK	1	271		17.71		
100	PI2 BPSK	135	0		17.86		
100	PI2 BPSK	135	69		17.88		18.5
100	PI2 BPSK	135	138		17.86		
100	PI2 BPSK	270	0		17.84		
100	QPSK	1	1		17.91		
100	QPSK	1	137		17.86		18.5
100	QPSK	1	271		17.85		
100	QPSK	135	0		17.84		
100	QPSK	135	69		17.88		
100	QPSK	135	138		17.76		18.5
100	QPSK	220	0		17.93		
100	16QAM	1	1		17.84		
100	64QAM	1	1		17.85		
100	256QAM	1	1		17.90		0.0
Channel							
Frequency (MHz)							
90	QPSK	1	1	17.82	17.85	17.81	18.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	17.89	17.89	17.83	18.5
Channel							
Frequency (MHz)							
70	QPSK	1	1	17.88	17.89	17.85	18.5
Channel							
Frequency (MHz)							
60	QPSK	1	1	17.88	17.89	17.85	18.5
Channel							
Frequency (MHz)							
50	QPSK	1	1	17.84	17.81	17.81	18.5
Channel							
Frequency (MHz)							
40	QPSK	1	1	17.88	17.83	17.88	18.5
Channel							
Frequency (MHz)							
30	QPSK	1	1	17.88	17.87	17.87	18.5
Channel							
Frequency (MHz)							
25	QPSK	1	1	17.83	17.87	17.83	18.5
Channel							
Frequency (MHz)							
20	QPSK	1	1	17.83	17.83	17.83	18.5
Channel							
Frequency (MHz)							
15	QPSK	1	1	17.85	17.89	17.88	18.5
Channel							
Frequency (MHz)							
10	QPSK	1	1	17.83	17.87	17.89	18.5

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1880	1890			
40	Pl2 BPSK	1	1	17.00	17.01	16.94			
40	Pl2 BPSK	1	108	17.04	17.03	17.02	18.0		
40	Pl2 BPSK	1	214	17.01	17.06	16.94			
40	Pl2 BPSK	108	0	16.98	17.03	17.00	18.0		
40	Pl2 BPSK	108	54	16.97	17.04	16.99	18.0		
40	Pl2 BPSK	108	108	17.03	17.03	16.98	18.0		
40	Pl2 BPSK	216	0	17.02	17.09	16.99			
40	QPSK	1	1	17.06	17.10	17.04			
40	QPSK	1	108	17.03	17.03	17.02	18.0		
40	QPSK	1	214	17.04	17.01	16.98			
40	QPSK	108	0	16.98	17.01	17.00	18.0		
40	QPSK	108	54	17.01	17.07	17.03	18.0		
40	QPSK	108	108	16.99	17.01	16.97	18.0		
40	QPSK	216	0	16.99	17.01	16.98			
40	16QAM	1	1	16.98	17.03	17.00	18.0		
40	64QAM	1	1	17.02	17.01	17.01	18.0		
40	256QAM	1	1	16.96	17.01	17.01	18.0		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	16.99	17.01	16.93	18.0		
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	16.98	17.02	16.91	18.0		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	16.97	17.02	16.91	18.0		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	16.97	17.05	16.91	18.0		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	16.96	17.07	16.92	18.0		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	16.93	17.07	16.90	18.0		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	16.90	17.01	16.87	18.0		

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Reduced Power Mode for ECI 7									
n2_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1880	1890			
40	Pl2 BPSK	1	1	17.65	17.68	17.69			
40	Pl2 BPSK	1	108	17.68	17.67	17.67	18.5		
40	Pl2 BPSK	1	214	17.71	17.68	17.61			
40	Pl2 BPSK	108	0	17.72	17.74	17.68	18.5		
40	Pl2 BPSK	108	54	17.71	17.70	17.64	18.5		
40	Pl2 BPSK	108	108	17.72	17.69	17.67	18.5		
40	Pl2 BPSK	216	0	17.68	17.70	17.65			
40	QPSK	1	1	17.69	17.75	17.68			
40	QPSK	1	108	17.67	17.67	17.60	18.5		
40	QPSK	1	214	17.60	17.66	17.61			
40	QPSK	108	0	17.61	17.71	17.64	18.5		
40	QPSK	108	54	17.65	17.73	17.66	18.5		
40	QPSK	108	108	17.61	17.70	17.58	18.5		
40	QPSK	216	0	17.61	17.71	17.67			
40	16QAM	1	1	17.67	17.72	17.70	18.5		
40	64QAM	1	1	17.65	17.73	17.64	18.5		
40	256QAM	1	1	17.66	17.68	17.68	18.5		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	17.64	17.64	17.60	18.5		
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.60	17.68	17.57	18.5		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.62	17.68	17.62	18.5		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.57	17.68	17.60	18.5		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.61	17.69	17.58	18.5		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.58	17.71	17.56	18.5		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.63	17.69	17.53	18.5		

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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				1870	1880	1890			
40	Pl2 BPSK	1	1	17.16	17.15	17.16			
40	Pl2 BPSK	1	108	17.19	17.23	17.15	18.0		
40	Pl2 BPSK	1	214	17.16	17.19	17.20			
40	Pl2 BPSK	108	0	17.16	17.16	17.17	18.0		
40	Pl2 BPSK	108	54	17.16	17.19	17.18	18.0		
40	Pl2 BPSK	108	108	17.18	17.16	17.16	18.0		
40	Pl2 BPSK	216	0	17.15	17.22	17.14			
40	QPSK	1	1	17.22	17.26	17.22			
40	QPSK	1	108	17.17	17.20	17.14	18.0		
40	QPSK	1	214	17.16	17.24	17.18			
40	QPSK	108	0	17.15	17.17	17.18	18.0		
40	QPSK	108	54	17.18	17.23	17.20	18.0		
40	QPSK	108	108	17.17	17.16	17.14	18.0		
40	QPSK	216	0	17.16	17.20	17.20			
40	16QAM	1	1	17.15	17.22	17.14	18.0		
40	64QAM	1	1	17.16	17.23	17.20	18.0		
40	256QAM	1	1	17.17	17.23	17.15	18.0		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
35	QPSK	1	1	17.17	17.20	17.17	18.0		
Channel				372000	376000	379500	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.19	17.20	17.13	18.0		
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.17	17.17	17.16	18.0		
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.20	17.23	17.16	18.0		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.21	17.22	17.13	18.0		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.16	17.24	17.10	18.0		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.17	17.25	17.16	18.0		

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16690	Power Middle Ch. / Freq. 16730	Power High Ch. / Freq. 16780	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	838			
Frequency (MHz)									
20	PI2 BPSK	1	1	22.61	22.62	22.61			
20	PI2 BPSK	1	53	22.59	22.61	22.65	24.0	0.0	
20	PI2 BPSK	1	104	22.59	22.79	22.63			
20	PI2 BPSK	50	0	21.99	22.16	22.01	23.5	0.5	
20	PI2 BPSK	50	28	22.54	22.77	22.56	24.0	0.0	
20	PI2 BPSK	50	56	22.00	22.24	22.02			
20	PI2 BPSK	100	0	22.01	22.21	22.08	23.5	0.5	
20	QPSK	1	1	22.49	22.63	22.75			
20	QPSK	1	53	22.47	22.71	22.50	24.0	0.0	
20	QPSK	1	104	22.57	22.75	22.59			
20	QPSK	50	0	21.49	21.75	21.50	23.0	1.0	
20	QPSK	50	28	22.50	22.71	22.58	24.0	0.0	
20	QPSK	50	56	21.46	21.69	21.47			
20	QPSK	100	0	21.57	21.85	21.49	23.0	1.0	
20	16QAM	1	1	21.79	22.05	21.89	23.0	1.0	
20	64QAM	1	1	19.80	20.05	19.86	21.5	2.5	
20	256QAM	1	1	18.00	18.25	18.11	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	22.58	22.70	22.68	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.61	22.78	22.70	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				838.5	836.5	846.5			
5	QPSK	1	1	22.61	22.81	22.69	24.0	0.0	

n5_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 16690	Power Middle Ch. / Freq. 16730	Power High Ch. / Freq. 16780	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	838			
Frequency (MHz)									
20	PI2 BPSK	1	1	17.64	17.66	17.58			
20	PI2 BPSK	1	53	17.59	17.70	17.60	19.0	0.0	
20	PI2 BPSK	1	104	17.65	17.65	17.59			
20	PI2 BPSK	50	0	17.58	17.61	17.55	19.0	0.0	
20	PI2 BPSK	50	28	17.67	17.67	17.62	19.0	0.0	
20	PI2 BPSK	50	56	17.60	17.64	17.61			
20	PI2 BPSK	100	0	17.66	17.69	17.63	19.0	0.0	
20	QPSK	1	1	17.69	17.73	17.64			
20	QPSK	1	53	17.61	17.68	17.59	19.0	0.0	
20	QPSK	1	104	17.60	17.69	17.59			
20	QPSK	50	0	17.53	17.59	17.50	19.0	0.0	
20	QPSK	50	28	17.62	17.70	17.63	19.0	0.0	
20	QPSK	50	56	17.56	17.65	17.61			
20	QPSK	100	0	17.61	17.65	17.61	19.0	0.0	
20	16QAM	1	1	17.60	17.62	17.56	19.0	0.0	
20	64QAM	1	1	17.58	17.64	17.54	19.0	0.0	
20	256QAM	1	1	17.62	17.61	17.63	19.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	17.62	17.63	17.58	19.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	17.61	17.66	17.63	19.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				838.5	836.5	846.5			
5	QPSK	1	1	17.64	17.66	17.60	19.0	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50600	Power Middle Ch. / Freq. 50700	Power High Ch. / Freq. 50800	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545			
Frequency (MHz)									
50	PI2 BPSK	1	1	15.97	16.06	15.93			
50	PI2 BPSK	1	156	15.99	16.06	15.91	17.0	0.0	
50	PI2 BPSK	1	288	15.99	16.02	15.95			
50	PI2 BPSK	136	0	15.98	16.04	15.91	17.0	0.0	
50	PI2 BPSK	136	68	15.93	16.03	15.94	17.0	0.0	
50	PI2 BPSK	136	136	15.95	16.04	15.96			
50	PI2 BPSK	270	0	15.94	16.05	15.97	17.0	0.0	
50	QPSK	1	1	15.95	16.11	16.09			
50	QPSK	1	136	15.95	16.00	15.98	17.0	0.0	
50	QPSK	1	288	15.93	16.00	15.94			
50	QPSK	136	0	16.00	16.01	15.90	17.0	0.0	
50	QPSK	136	68	16.03	16.07	16.01	17.0	0.0	
50	QPSK	136	136	15.99	16.03	15.94			
50	QPSK	270	0	15.98	16.03	16.00	17.0	0.0	
50	16QAM	1	1	15.93	16.03	15.94	17.0	0.0	
50	64QAM	1	1	15.94	16.03	15.95	17.0	0.0	
50	256QAM	1	1	16.00	16.00	15.94	17.0	0.0	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	16.02	16.03	16.03	17.0	0.0	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
35	QPSK	1	1	15.93	16.09	16.03	17.0	0.0	
Channel				505000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5	2535	2567.5			
25	QPSK	1	1	15.97	16.05	16.02	17.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	1	16.01	16.08	15.97	17.0	0.0	
Channel				507000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2567.5	2535	2562.5			
15	QPSK	1	1	15.93	16.04	16.05	17.0	0.0	
Channel				507000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2569	2535	2565			
10	QPSK	1	1	15.99	16.07	15.98	17.0	0.0	
Channel				500900	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2562.5	2535	2567.5			
5	QPSK	1	1	15.94	16.03	16.01	17.0	0.0	

n7_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	Pl2 BPSK	1	1	15.56	15.57	15.54	16.5	0.0	
50	Pl2 BPSK	1	135	15.56	15.53	15.53			
50	Pl2 BPSK	1	268	15.52	15.53	15.56			
50	Pl2 BPSK	135	0	15.54	15.50	15.49	16.5	0.0	
50	Pl2 BPSK	135	66	15.54	15.57	15.56	16.5	0.0	
50	Pl2 BPSK	135	135	15.57	15.59	15.49	16.5	0.0	
50	Pl2 BPSK	270	0	15.57	15.56	15.49	16.5	0.0	
50	QPSK	1	1	15.52	15.56	15.53			
50	QPSK	1	135	15.53	15.50	15.53			
50	QPSK	1	268	15.57	15.56	15.52	16.5	0.0	
50	QPSK	135	0	15.54	15.59	15.56	16.5	0.0	
50	QPSK	135	66	15.57	15.50	15.53	16.5	0.0	
50	QPSK	135	135	15.52	15.54	15.51	16.5	0.0	
50	QPSK	270	0	15.56	15.58	15.53	16.5	0.0	
50	16QAM	1	1	15.53	15.55	15.53	16.5	0.0	
50	64QAM	1	1	15.53	15.57	15.57	16.5	0.0	
50	256QAM	1	1	15.57	15.58	15.54	16.5	0.0	
Channel				504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
40	QPSK	1	1	15.49	15.56	15.48	16.5	0.0	
Channel				505000	507000	510500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5 <th>2530<th>2552.5<th></th><th colspan="2"></th></th></th>	2530 <th>2552.5<th></th><th colspan="2"></th></th>	2552.5 <th></th> <th colspan="2"></th>			
35	QPSK	1	1	15.49	15.51	15.50	16.5	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515 <th>2530<th>2555<th></th><th colspan="2"></th></th></th>	2530 <th>2555<th></th><th colspan="2"></th></th>	2555 <th></th> <th colspan="2"></th>			
30	QPSK	1	1	15.47	15.55	15.43	16.5	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5 <th>2530<th>2557.5<th></th><th colspan="2"></th></th></th>	2530 <th>2557.5<th></th><th colspan="2"></th></th>	2557.5 <th></th> <th colspan="2"></th>			
25	QPSK	1	1	15.47	15.54	15.45	16.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510 <th>2535<th>2560<th></th><th colspan="2"></th></th></th>	2535 <th>2560<th></th><th colspan="2"></th></th>	2560 <th></th> <th colspan="2"></th>			
20	QPSK	1	1	15.49	15.55	15.44	15.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5 <th>2535<th>2562.5<th></th><th colspan="2"></th></th></th>	2535 <th>2562.5<th></th><th colspan="2"></th></th>	2562.5 <th></th> <th colspan="2"></th>			
15	QPSK	1	1	15.44	15.57	15.46	16.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505 <th>2530<th>2565<th></th><th colspan="2"></th></th></th>	2530 <th>2565<th></th><th colspan="2"></th></th>	2565 <th></th> <th colspan="2"></th>			
10	QPSK	1	1	15.49	15.51	15.45	16.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5 <th>2535<th>2567.5<th></th><th colspan="2"></th></th></th>	2535 <th>2567.5<th></th><th colspan="2"></th></th>	2567.5 <th></th> <th colspan="2"></th>			
5	QPSK	1	1	15.42	15.53	15.45	16.5	0.0	

n7_Ant 9									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq. 50000	Power Ch. / Freq. 50700	Power Ch. / Freq. 50900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	Pl2 BPSK	1	1	16.85	16.91	16.77	18.0	0.0	
50	Pl2 BPSK	1	135	16.76	16.80	16.76			
50	Pl2 BPSK	1	268	16.85	16.86	16.76			
50	Pl2 BPSK	135	0	16.85	16.90	16.83	18.0	0.0	
50	Pl2 BPSK	135	66	16.84	16.93	16.80	18.0	0.0	
50	Pl2 BPSK	135	135	16.86	16.85	16.84	18.0	0.0	
50	Pl2 BPSK	270	0	16.83	16.88	16.77	18.0	0.0	
50	QPSK	1	1	16.82	16.96	16.87			
50	QPSK	1	135	16.81	16.84	16.83			
50	QPSK	1	268	16.86	16.88	16.76	18.0	0.0	
50	QPSK	135	0	16.80	16.83	16.83	18.0	0.0	
50	QPSK	135	66	16.83	16.88	16.84	18.0	0.0	
50	QPSK	135	135	16.80	16.79	16.74	18.0	0.0	
50	QPSK	270	0	16.76	16.85	16.81	18.0	0.0	
50	16QAM	1	1	16.85	16.92	16.75	18.0	0.0	
50	64QAM	1	1	16.80	16.84	16.75	18.0	0.0	
50	256QAM	1	1	16.87	16.93	16.84	18.0	0.0	
Channel									
40	QPSK	1	1	504000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2520	2535	2550			
Channel									
40	QPSK	1	1	503000	507000	510500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2517.5	2535	2552.5			
Channel									
35	QPSK	1	1	16.81	16.91	16.81	18.0	0.0	
Channel									
35	QPSK	1	1	503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
Channel									
30	QPSK	1	1	16.88	16.91	16.79	18.0	0.0	
Channel									
30	QPSK	1	1	502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2557.5			
Channel									
25	QPSK	1	1	16.79	16.91	16.77	18.0	0.0	
Channel									
25	QPSK	1	1	502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2550			
Channel									
20	QPSK	1	1	16.82	16.91	16.80	18.0	0.0	
Channel									
20	QPSK	1	1	507500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
Channel									
15	QPSK	1	1	16.85	16.90	16.82	18.0	0.0	
Channel									
15	QPSK	1	1	501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2500	2535	2565			
Channel									
10	QPSK	1	1	16.85	16.87	16.80	18.0	0.0	
Channel									
10	QPSK	1	1	500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503	2535	2567.5			
Channel									
5	QPSK	1	1	16.80	16.87	16.85	18.0	0.0	

n26(FCC)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 168000	Power Middle Ch. / Freq. 169300	Power High Ch. / Freq. 169600	Tune-up limit (dBm)	MPR (dB)	
Channel				824	831.5	839			
Frequency (MHz)									
20	Pl2 BPSK	1	1	22.82	22.83	22.84	24.0	0.0	
20	Pl2 BPSK	1	53	22.76	22.83	22.77			
20	Pl2 BPSK	1	104	22.83	22.84	22.70			
20	Pl2 BPSK	50	0	22.19	22.25	22.08	23.5	0.5	
20	Pl2 BPSK	50	28	22.82	22.81	22.70	24.0	0.0	
20	Pl2 BPSK	50	66	22.26	22.36	22.21	23.5	0.5	
20	Pl2 BPSK	100	0	22.16	22.28	22.25	24.0	0.0	
20	QPSK	1	1	22.91	22.97	22.88			
20	QPSK	1	53	22.87	22.78	22.72			
20	QPSK	1	104	22.72	22.74	22.73	23.0	1.0	
20	QPSK	50	0	21.70	21.86	21.79	23.0	1.0	
20	QPSK	50	28	22.72	22.76	22.64	24.0	0.0	
20	QPSK	50	56	21.72	21.78	21.66	23.0	1.0	
20	QPSK	100	0	21.62	21.72	21.70	23.0	1.0	
20	16QAM	1	1	22.10	22.10	21.98	23.0	1.0	
20	64QAM	1	1	20.10	20.05	20.00	21.5	2.5	
20	256QAM	1	1	19.29	19.38	19.26	19.5	4.5	
Channel				168000	169300	169600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824	831.5	839			
Channel				168000	169300	169600			
15	QPSK	1	1	22.79	22.87	22.79	24.0	0.0	
Channel				168000	169300	169600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824	831.5	839			
Channel				168000	169300	169600			
10	QPSK	1	1	22.83	22.87	22.83	24.0	0.0	
Channel				168000	169300	169600	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824	831.5	839			
Channel				168000	169300	169600			
5	QPSK	1	1	22.76	22.86	22.77	24.0	0.0	

n26(FCC)_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)									
20	P12 BPSK	1	1	17.80	17.82	17.80			
20	P12 BPSK	1	53	17.83	17.86	17.86			
20	P12 BPSK	1	104	17.80	17.88	17.84			
20	P12 BPSK	50	0	17.78	17.84	17.82	19.0	0.0	
20	P12 BPSK	50	28	17.79	17.88	17.80	19.0	0.0	
20	P12 BPSK	50	56	17.81	17.86	17.81	19.0	0.0	
20	P12 BPSK	100	0	17.75	17.87	17.78			
20	QPSK	1	1	17.53	17.56	17.58			
20	QPSK	1	53	17.77	17.82	17.87	19.0	0.0	
20	QPSK	1	104	17.76	17.86	17.87			
20	QPSK	50	0	17.80	17.83	17.81	19.0	0.0	
20	QPSK	50	28	17.85	17.93	17.83	19.0	0.0	
20	QPSK	50	56	17.82	17.85	17.82	19.0	0.0	
20	QPSK	100	0	17.75	17.80	17.83	19.0	0.0	
20	16QAM	1	1	17.83	17.87	17.83	19.0	0.0	
20	64QAM	1	1	17.82	17.82	17.85	19.0	0.0	
20	256QAM	1	1	17.78	17.82	17.83	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.88	17.90	17.80	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.84	17.86	17.78	19.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	17.83	17.95	17.80	19.0	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
45	P12 BPSK	1	1	17.30	17.37	17.24			
45	P12 BPSK	1	122	17.31	17.41	17.31	18.5	0.0	
45	P12 BPSK	1	240	17.28	17.34	17.33			
45	P12 BPSK	120	0	17.29	17.43	17.29	18.5	0.0	
45	P12 BPSK	120	60	17.34	17.37	17.32	18.5	0.0	
45	P12 BPSK	120	122	17.32	17.37	17.33	18.5	0.0	
45	P12 BPSK	240	0	17.28	17.35	17.28			
45	QPSK	1	1	17.39	17.52	17.49			
45	QPSK	1	122	17.28	17.34	17.27	18.5	0.0	
45	QPSK	1	240	17.34	17.40	17.30			
45	QPSK	120	0	17.26	17.39	17.28	18.5	0.0	
45	QPSK	120	60	17.33	17.42	17.33	18.5	0.0	
45	QPSK	120	122	17.28	17.35	17.30	18.5	0.0	
45	QPSK	240	0	17.34	17.39	17.29	18.5	0.0	
45	16QAM	1	1	17.33	17.41	17.33	18.5	0.0	
45	64QAM	1	1	17.30	17.41	17.25	18.5	0.0	
45	256QAM	1	1	17.29	17.35	17.24	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	17.29	17.49	17.33	18.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	17.36	17.42	17.34	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	17.36	17.43	17.31	18.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	17.25	17.45	17.31	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	17.28	17.47	17.24	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	17.33	17.48	17.32	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	17.37	17.51	17.35	18.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	17.30	17.47	17.39	18.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
45	P12 BPSK	1	1	16.56	16.52	16.45			
45	P12 BPSK	1	122	16.53	16.61	16.53	17.5	0.0	
45	P12 BPSK	1	240	16.55	16.59	16.48			
45	P12 BPSK	120	0	16.58	16.53	16.45	17.5	0.0	
45	P12 BPSK	120	60	16.51	16.56	16.49	17.5	0.0	
45	P12 BPSK	120	122	16.54	16.57	16.50	17.5	0.0	
45	P12 BPSK	240	0	16.50	16.61	16.48			
45	QPSK	1	1	16.59	16.67	16.58			
45	QPSK	1	122	16.48	16.61	16.52	17.5	0.0	
45	QPSK	1	240	16.49	16.61	16.53			
45	QPSK	120	0	16.55	16.60	16.50	17.5	0.0	
45	QPSK	120	60	16.52	16.58	16.48	17.5	0.0	
45	QPSK	120	122	16.55	16.53	16.48	17.5	0.0	
45	QPSK	240	0	16.49	16.56	16.53			
45	16QAM	1	1	16.55	16.60	16.52	17.5	0.0	
45	64QAM	1	1	16.58	16.57	16.52	17.5	0.0	
45	256QAM	1	1	16.55	16.55	16.48	17.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.62	16.60	16.52	17.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	16.57	16.63	16.53	17.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.56	16.62	16.57	17.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.53	16.62	16.49	17.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.54	16.59	16.53	17.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.49	16.66	16.56	17.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.54	16.59	16.50	17.5	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	16.55	16.63	16.56	17.5	0.0	

n66_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				345000	345000	351000			
Frequency (MHz)				1732.5	1745	1757.5			
45	PlZ BPSK	1	1	18.75	18.94	18.80			
45	PlZ BPSK	1	122	18.80	18.82	18.84	20.0		
45	PlZ BPSK	1	240	18.84	18.92	18.82			
45	PlZ BPSK	120	0	18.85	18.94	18.82	20.0		
45	PlZ BPSK	120	60	18.84	18.93	18.79	20.0		
45	PlZ BPSK	120	120	18.77	18.86	18.80	20.0		
45	PlZ BPSK	240	0	18.72	18.82	18.76			
45	QPSK	1	1	18.98	19.02	18.96			
45	QPSK	1	122	18.96	19.01	18.86	20.0		
45	QPSK	1	240	18.91	18.96	18.93			
45	QPSK	120	0	18.97	18.95	18.97	20.0		
45	QPSK	120	60	18.85	18.87	18.78	20.0		
45	QPSK	120	122	18.84	18.85	18.78	20.0		
45	QPSK	240	0	18.85	18.86	18.82	20.0		
45	16QAM	1	1	18.80	18.93	18.81	20.0		
45	64QAM	1	1	18.81	18.80	18.73	20.0		
45	256QAM	1	1	18.16	18.25	18.15	19.5		
Channel				345000	345000	352000	Tune-up limit	MPR	
Frequency (MHz)				1730	1745	1760	(dBm)	(dB)	
40	QPSK	1	1	18.75	18.84	18.79	20.0		
Channel				345000	345000	352000	Tune-up limit	MPR	
Frequency (MHz)				1727.5	1745	1762.5	(dBm)	(dB)	
35	QPSK	1	1	18.82	18.86	18.78	20.0		
Channel				345000	345000	353000	Tune-up limit	MPR	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
30	QPSK	1	1	18.82	18.81	18.78	20.0		
Channel				345000	345000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
25	QPSK	1	1	18.81	18.83	18.72	20.0		
Channel				345000	345000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	18.77	18.81	18.74	20.0		
Channel				345000	345000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	18.84	18.91	18.81	20.0		
Channel				342500	345000	355000	Tune-up limit	MPR	
Frequency (MHz)				1711.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	18.79	18.89	18.82	20.0		

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				134500	134500	139000			
Frequency (MHz)				673	680.5	688			
20	PlZ BPSK	1	1	22.52	22.59	22.50			
20	PlZ BPSK	1	53	22.55	22.62	22.57	24.0		
20	PlZ BPSK	1	104	22.44	22.61	22.52			
20	PlZ BPSK	50	0	21.84	21.91	21.82	23.5		
20	PlZ BPSK	50	28	22.49	22.55	22.47	24.0		
20	PlZ BPSK	50	56	22.01	22.00	21.92	23.5		
20	PlZ BPSK	100	0	21.92	22.04	21.96			
20	QPSK	1	1	22.63	22.68	22.61			
20	QPSK	1	53	22.38	22.44	22.38	24.0		
20	QPSK	1	104	22.52	22.68	22.42			
20	QPSK	50	0	21.45	21.48	21.40	23.0		
20	QPSK	50	28	22.49	22.52	22.35	24.0		
20	QPSK	50	56	21.36	21.47	21.36			
20	QPSK	100	0	21.37	21.39	21.31	23.0		
20	16QAM	1	1	21.83	21.82	21.79	23.0		
20	64QAM	1	1	19.81	19.83	19.70	21.5		
20	256QAM	1	1	18.02	18.04	17.88	19.5		
Channel				134500	134500	139100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	22.55	22.54	22.51	24.0		
Channel				133000	134500	139100	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	22.59	22.54	22.58	24.0		
Channel				133100	136100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	22.57	22.58	22.55	24.0		

n71_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				134500	134500	139000			
Frequency (MHz)				673	680.5	688			
20	PlZ BPSK	1	1	19.23	19.31	19.22			
20	PlZ BPSK	1	53	19.22	19.25	19.14	20.5		
20	PlZ BPSK	1	104	19.28	19.29	19.21			
20	PlZ BPSK	50	0	19.24	19.25	19.14	20.5		
20	PlZ BPSK	50	28	19.26	19.32	19.15	20.5		
20	PlZ BPSK	50	56	19.24	19.30	19.20	20.5		
20	PlZ BPSK	100	0	19.28	19.29	19.18			
20	QPSK	1	1	19.25	19.38	19.20			
20	QPSK	1	53	19.24	19.26	19.16	20.5		
20	QPSK	1	104	19.28	19.31	19.14			
20	QPSK	50	0	19.21	19.31	19.16	20.5		
20	QPSK	50	28	19.27	19.35	19.23	20.5		
20	QPSK	50	56	19.26	19.29	19.20			
20	QPSK	100	0	19.27	19.32	19.17	20.5		
20	16QAM	1	1	19.28	19.29	19.17	20.5		
20	64QAM	1	1	19.28	19.28	19.22	20.5		
20	256QAM	1	1	18.05	18.03	17.99	19.5		
Channel				134500	134500	139100	Tune-up limit	MPR	
Frequency (MHz)				670.5	680.5	690.5	(dBm)	(dB)	
15	QPSK	1	1	19.24	19.37	19.10	20.5		
Channel				133000	134500	139100	Tune-up limit	MPR	
Frequency (MHz)				668	680.5	693	(dBm)	(dB)	
10	QPSK	1	1	19.22	19.30	19.15	20.5		
Channel				133100	136100	139100	Tune-up limit	MPR	
Frequency (MHz)				665.5	680.5	695.5	(dBm)	(dB)	
5	QPSK	1	1	19.21	19.31	19.17	20.5		

n38_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	15.95	15.96	15.90	17.0	0.0	
40	Pl2 BPSK	1	53	15.97	15.88	15.86			
40	Pl2 BPSK	1	104	15.95	15.94	15.83			
40	Pl2 BPSK	50	0	15.88	15.97	15.88			
40	Pl2 BPSK	50	28	15.92	15.89	15.85	17.0	0.0	
40	Pl2 BPSK	50	56	15.95	15.88	15.85	17.0	0.0	
40	Pl2 BPSK	100	0	15.92	15.90	15.89			
40	QPSK	1	1	15.93	15.94	15.93			
40	QPSK	1	53	15.89	15.91	15.86			
40	QPSK	1	104	15.97	15.91	15.83	17.0	0.0	
40	QPSK	50	0	15.93	15.92	15.89	17.0	0.0	
40	QPSK	50	28	15.96	15.99	15.93			
40	QPSK	50	56	15.95	15.92	15.90			
40	QPSK	100	0	15.91	15.97	15.96			
40	16QAM	1	1	15.89	15.96	15.85	17.0	0.0	
40	64QAM	1	1	15.89	15.92	15.86	17.0	0.0	
40	256QAM	1	1	15.95	15.95	15.86	17.0	0.0	
Channel									
30	QPSK	1	1	15.96	15.99	15.96	17.0	0.0	
Channel									
25	QPSK	1	1	15.94	15.97	15.90	17.0	0.0	
Channel									
20	QPSK	1	1	15.94	15.94	15.98	17.0	0.0	
Channel									
15	QPSK	1	1	15.93	15.96	15.98	17.0	0.0	
Channel									
10	QPSK	1	1	15.93	16.03	15.90	17.0	0.0	

n38_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	16.86	16.90	16.82	18.0	0.0	
40	Pl2 BPSK	1	53	16.86	16.90	16.82			
40	Pl2 BPSK	1	104	16.86	16.90	16.82			
40	Pl2 BPSK	50	0	16.86	16.90	16.82			
40	Pl2 BPSK	50	28	16.86	16.90	16.82	18.0	0.0	
40	Pl2 BPSK	50	56	16.86	16.90	16.82	18.0	0.0	
40	Pl2 BPSK	100	0	16.86	16.90	16.82			
40	QPSK	1	1	16.95	16.99	16.92			
40	QPSK	1	53	16.86	16.90	16.82			
40	QPSK	1	104	16.86	16.90	16.82	18.0	0.0	
40	QPSK	50	0	16.86	16.90	16.82	18.0	0.0	
40	QPSK	50	28	16.91	16.95	16.97			
40	QPSK	50	56	16.86	16.90	16.82			
40	QPSK	100	0	16.91	16.93	16.87			
40	16QAM	1	1	16.86	16.90	16.82	18.0	0.0	
40	64QAM	1	1	16.86	16.90	16.82	18.0	0.0	
40	256QAM	1	1	16.86	16.90	16.82	18.0	0.0	
Channel									
30	QPSK	1	1	151005	519000	520996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2595.01	2599.5	2604.99			
30	QPSK	1	1	16.95	16.98	16.89	18.0	0.0	
Channel									
25	QPSK	1	1	16.93	16.92	16.83	18.0	0.0	
Channel									
20	QPSK	1	1	16.90	16.90	16.80	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				151600	519000	522496			
20	QPSK	1	1	16.87	16.92	16.91	18.0	0.0	
Channel									
20	QPSK	1	1	151602	519000	522496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.81	2599.5	2612.48			
15	QPSK	1	1	16.90	16.98	16.89	18.0	0.0	
Channel									
15	QPSK	1	1	151604	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2617.81	2599.5	2614.48			
10	QPSK	1	1	16.95	16.89	16.84	18.0	0.0	

n38_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pl2 BPSK	1	1	16.55	16.55	16.50	17.5	0.0	
40	Pl2 BPSK	1	53	16.53	16.59	16.52			
40	Pl2 BPSK	1	104	16.52	16.53	16.49			
40	Pl2 BPSK	50	0	16.56	16.56	16.51			
40	Pl2 BPSK	50	28	16.51	16.55	16.46	17.5	0.0	
40	Pl2 BPSK	50	56	16.49	16.56	16.43	17.5	0.0	
40	Pl2 BPSK	100	0	16.51	16.55	16.51			
40	QPSK	1	1	16.59	16.62	16.55			
40	QPSK	1	53	16.55	16.52	16.45			
40	QPSK	1	104	16.50	16.54	16.52	17.5	0.0	
40	QPSK	50	0	16.56	16.55	16.47	17.5	0.0	
40	QPSK	50	28	16.57	16.58	16.54			
40	QPSK	50	56	16.50	16.57	16.48			
40	QPSK	100	0	16.51	16.55	16.53			
40	16QAM	1	1	16.49	16.58	16.48	17.5	0.0	
40	64QAM	1	1	16.51	16.56	16.49	17.5	0.0	
40	256QAM	1	1	16.51	16.53	16.44	17.5	0.0	
Channel									
30	QPSK	1	1	16.56	16.58	16.50	17.5	0.0	
Channel									
25	QPSK	1	1	16.49	16.56	16.48	17.5	0.0	
Channel									
20	QPSK	1	1	16.53	16.60	16.52	17.5	0.0	
Channel									
15	QPSK	1	1	16.58	16.58	16.51	17.5	0.0	
Channel									
10	QPSK	1	1	16.54	16.54	16.49	17.5	0.0	

n38_Ant 6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2560.02	2595	2599.98			
40	P2 PSK	1	1	15.70	15.79	15.72			
40	P2 PSK	1	53	15.67	15.75	15.74	17.0	0.0	
40	P2 PSK	1	104	15.71	15.79	15.76			
40	P2 PSK	50	0	15.71	15.79	15.71	17.0	0.0	
40	P2 PSK	50	28	15.69	15.78	15.72	17.0	0.0	
40	P2 PSK	50	56	15.70	15.82	15.75	17.0	0.0	
40	P2 PSK	100	0	15.69	15.81	15.72			
40	QPSK	1	1	15.77	15.86	15.81			
40	QPSK	1	53	15.67	15.74	15.76	17.0	0.0	
40	QPSK	1	104	15.70	15.82	15.77			
40	QPSK	50	0	15.73	15.76	15.75			
40	QPSK	50	28	15.72	15.79	15.75	17.0	0.0	
40	QPSK	50	56	15.76	15.78	15.77			
40	QPSK	100	0	15.74	15.75	15.77	17.0	0.0	
40	16QAM	1	1	15.67	15.78	15.72	17.0	0.0	
40	64QAM	1	1	15.73	15.77	15.76	17.0	0.0	
40	256QAM	1	1	15.71	15.84	15.65	17.0	0.0	
Channel				5170.02	519000	520098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2565.01	2595	2604.99			
30	QPSK	1	1	15.69	15.77	15.78	17.0	0.0	
Channel				5170.04	518000	521099	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2562.52	2595	2607.48			
25	QPSK	1	1	15.69	15.77	15.81	17.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2560.02	2595	2604.98			
20	QPSK	1	1	15.75	15.82	15.81	17.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	15.73	15.85	15.81	17.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	15.74	15.85	15.84	17.0	0.0	

FCC_n41_Ant 2_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509002	Power Middle Ch. / Freq. 518988	Power High Ch. / Freq. 528900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	P2 PSK	1	1	15.95	16.01	15.92			
100	P2 PSK	1	137	16.01	15.99	15.92	17.0	0.0	
100	P2 PSK	1	271	16.03	16.01	15.93			
100	P2 PSK	135	0	16.01	16.06	15.91	17.0	0.0	
100	P2 PSK	135	69	16.01	16.04	15.98	17.0	0.0	
100	P2 PSK	135	138	15.95	16.03	15.99	17.0	0.0	
100	P2 PSK	270	0	15.94	16.05	15.99			
100	QPSK	1	1	16.05	16.13	16.07			
100	QPSK	1	137	16.06	16.04	15.93	17.0	0.0	
100	QPSK	1	271	16.03	15.99	15.93			
100	QPSK	135	0	16.02	15.99	15.91			
100	QPSK	135	69	16.03	16.08	16.03	17.0	0.0	
100	QPSK	135	138	16.00	16.06	15.98			
100	QPSK	270	0	16.05	16.07	16.00	17.0	0.0	
100	16QAM	1	1	16.00	16.03	15.99	17.0	0.0	
100	64QAM	1	1	15.94	16.07	15.97	17.0	0.0	
100	256QAM	1	1	16.00	16.02	15.91	17.0	0.0	
Channel				509500	518988	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	15.95	16.10	16.06	17.0	0.0	
Channel				509204	518988	529099	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2538.02	2592.99	2648.99			
80	QPSK	1	1	16.04	16.04	16.01	17.0	0.0	
Channel				509002	518988	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2592.99	2666			
70	QPSK	1	1	15.95	16.09	16.06	17.0	0.0	
Channel				505200	518988	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	15.95	16.10	16.04	17.0	0.0	
Channel				504204	518988	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	15.96	16.03	16.03	17.0	0.0	
Channel				503700	518988	533996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2592.99	2667.48			
45	QPSK	1	1	16.02	16.10	16.01	17.0	0.0	
Channel				503202	518988	535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	16.04	16.03	16.05	17.0	0.0	
Channel				502704	518988	534498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.53	2592.99	2672.49			
35	QPSK	1	1	15.99	16.10	16.03	17.0	0.0	
Channel				502200	518988	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	16.03	16.11	15.99	17.0	0.0	
Channel				501702	518988	535500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2592.99	2677.5			
25	QPSK	1	1	16.04	16.09	16.01	17.0	0.0	
Channel				501204	518988	536000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	16.04	16.05	16.01	17.0	0.0	
Channel				500700	518988	536596	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	15.98	16.12	16.05	17.0	0.0	
Channel				500202	518988	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2686			
10	QPSK	1	1	16.00	16.06	16.04	17.0	0.0	

FCC_n41_Ant 2_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 509002	Power Middle Ch. / Freq. 518988	Power High Ch. / Freq. 528900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2592.99	2640			
100	P2 PSK	1	1	15.95	16.01	15.92			
100	P2 PSK	1	137	16.01	15.99	15.92	17.0	0.0	
100	P2 PSK	1	271	16.03	16.01	15.93			
100	P2 PSK	135	0	16.01	16.06	15.91	17.0	0.0	
100	P2 PSK	135	69	16.01	16.04	15.98	17.0	0.0	
100	P2 PSK	135	138	16.05	16.03	15.99	17.0	0.0	
100	P2 PSK	270	0	15.94	16.05	15.99			
100	QPSK	1	1	16.05	16.13	16.07			
100	QPSK	1	137	16.06	16.04	15.93	17.0	0.0	
100	QPSK	1	271	16.03	15.99	15.93			
100	QPSK	135	0	16.02	15.99	15.91			
100	QPSK	135	69	16.03	16.08	16.03	17.0	0.0	
100	QPSK	135	138	16.00	16.06	15.98			
100	QPSK	270	0	16.05	16.07	16.00	17.0	0.0	
100	16QAM	1	1	16.00	16.03	15.99	17.0	0.0	
100	64QAM	1	1	15.94	16.07	15.97	17.0	0.0	
100	256QAM	1	1	16.00	16.02	15.91	17.0	0.0	
Channel				509500	518988	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	1	15.95	16.10	16.06	17.0	0.0	
Channel				509602	518988	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2644.99			
80	QPSK	1	1	16.04	16.04	16.01	17.0	0.0	
Channel				509602	518988	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2645			
70	QPSK	1	1	15.95	16.09	16.05	17.0	0.0	
Channel				509602	518988	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526.01	2592.99	2644.98			
60	QPSK	1	1	15.98	16.10	16.04	17.0	0.0	
Channel				509602	518988	532000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2644.99			
50	QPSK	1	1	15.96	16.03	16.00	17.0	0.0	
Channel				509602	518988	533400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2647.49			
45	QPSK	1	1	16.02	16.10	16.01	17.0	0.0	
Channel				509602	518988	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511.01	2592.99	2670			
40	QPSK	1	1	16.04	16.03	16.03	17.0	0.0	
Channel				509602	518988	534400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.01	2592.99	2674.49			
35	QPSK	1	1	15.99	16.10	16.03	17.0	0.0	
Channel				509602	518988	534900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.01	2592.99	2674.98			
30	QPSK	1	1	16.03	16.11	15.98	17.0	0.0	
Channel				509602	518988	535500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2497.01	2592.99	2677.5			
25	QPSK	1	1	16.04	16.04	16.01	17.0	0.0	
Channel				509602	518988	535900	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2496.02	2592.99	2679.99			
20	QPSK	1	1	16.04	16.05	16.01	17.0	0.0	
Channel				509602	518988	536300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2493.01	2592.99	2682.48			
15	QPSK	1	1	15.98	16.12	16.05	17.0	0.0	
Channel				509602	518988	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2491.01	2592.99	2685			
10	QPSK	1	1	16.00	16.06	16.04	17.0	0.0	

FCC_n41_Ant 8_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560			
100	Pi2 BPSK	1	1	16.94	17.00	16.98			
100	Pi2 BPSK	1	137	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	1	271	16.94	17.00	16.98			
100	Pi2 BPSK	135	0	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	135	69	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	135	138	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	270	0	16.94	17.00	16.98			
100	QPSK	1	1	17.04	17.10	17.03			
100	QPSK	1	137	16.94	17.00	16.98	18.0	0.0	
100	QPSK	1	271	16.94	17.00	16.98			
100	QPSK	135	0	16.94	17.00	16.98			
100	QPSK	135	69	16.99	17.05	17.03	18.0	0.0	
100	QPSK	135	138	16.94	17.00	16.98			
100	QPSK	270	0	16.99	17.03	16.98	18.0	0.0	
100	16QAM	1	1	16.94	17.00	16.98	18.0	0.0	
100	16QAM	1	1	16.94	17.00	16.98	18.0	0.0	
100	256QAM	1	1	16.94	17.00	16.98	18.0	0.0	
Channel				502000	518998	530996	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	17.00	17.09	16.98	18.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2545.02	2552.99	2569.99			
80	QPSK	1	1	16.99	17.07	17.02	18.0	0.0	
Channel				506200	518998	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	16.98	17.04	17.01	18.0	0.0	
Channel				505200	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526.00	2552.99	2580.00			
60	QPSK	1	1	17.02	17.04	17.01	18.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2552.99	2564.99			
50	QPSK	1	1	17.00	17.08	17.01	18.0	0.0	
Channel				503200	518998	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2552.99	2567.48			
45	QPSK	1	1	16.98	17.03	17.03	18.0	0.0	
Channel				502202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2552.99	2570			
40	QPSK	1	1	17.02	17.06	17.01	18.0	0.0	
Channel				502704	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.52	2552.99	2572.48			
35	QPSK	1	1	16.98	17.05	17.04	18.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2552.99	2574.98			
30	QPSK	1	1	16.99	17.05	17.00	18.0	0.0	
Channel				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2552.99	2577.5			
25	QPSK	1	1	16.97	17.09	17.03	18.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2552.99	2579.99			
20	QPSK	1	1	16.96	17.09	17.03	18.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2552.99	2582.48			
15	QPSK	1	1	16.97	17.04	17.05	18.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2552.99	2585			
10	QPSK	1	1	17.01	17.09	17.00	18.0	0.0	

FCC_n41_Ant 8_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 505202	Power Middle Ch. / Freq 518998	Power High Ch. / Freq 530000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2546.01	2552.99	2560			
100	Pi2 BPSK	1	1	16.94	17.00	16.98			
100	Pi2 BPSK	1	137	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	1	271	16.94	17.00	16.98			
100	Pi2 BPSK	135	0	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	135	69	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	135	138	16.94	17.00	16.98	18.0	0.0	
100	Pi2 BPSK	270	0	16.94	17.00	16.98			
100	QPSK	1	1	17.04	17.10	17.03			
100	QPSK	1	137	16.94	17.00	16.98	18.0	0.0	
100	QPSK	1	271	16.94	17.00	16.98			
100	QPSK	135	0	16.94	17.00	16.98			
100	QPSK	135	69	16.99	17.05	17.03	18.0	0.0	
100	QPSK	135	138	16.94	17.00	16.98			
100	QPSK	270	0	16.99	17.03	16.98	18.0	0.0	
100	16QAM	1	1	16.94	17.00	16.98	18.0	0.0	
100	64QAM	1	1	16.94	17.00	16.98	18.0	0.0	
100	256QAM	1	1	16.94	17.00	16.98	18.0	0.0	
Channel				505200	518998	530998	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	17.00	17.09	16.98	18.0	0.0	
Channel				507204	518998	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2552.99	2569.99			
80	QPSK	1	1	16.99	17.07	17.02	18.0	0.0	
Channel				506200	518998	531000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	16.98	17.04	17.01	18.0	0.0	
Channel				505200	518998	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526.00	2552.99	2580.00			
60	QPSK	1	1	17.02	17.04	17.01	18.0	0.0	
Channel				504204	518998	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2552.99	2564.99			
50	QPSK	1	1	17.00	17.08	17.01	18.0	0.0	
Channel				503200	518998	533998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2518.5	2552.99	2567.48			
45	QPSK	1	1	16.98	17.03	17.03	18.0	0.0	
Channel				502202	518998	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2552.99	2570			
40	QPSK	1	1	17.02	17.06	17.01	18.0	0.0	
Channel				502704	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2513.52	2552.99	2572.48			
35	QPSK	1	1	16.98	17.05	17.04	18.0	0.0	
Channel				502200	518998	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2552.99	2574.98			
30	QPSK	1	1	16.98	17.05	17.00	18.0	0.0	
Channel				501702	518998	535000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2508.51	2552.99	2577.5			
25	QPSK	1	1	16.97	17.09	17.03	18.0	0.0	
Channel				501204	518998	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2552.99	2579.99			
20	QPSK	1	1	16.96	17.09	17.03	18.0	0.0	
Channel				500700	518998	536498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2552.99	2582.48			
15	QPSK	1	1	16.97	17.04	17.05	18.0	0.0	
Channel				500202	518998	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2552.99	2585			
10	QPSK	1	1	17.01	17.09	17.00	18.0	0.0	

FCC_n41_Ant 9_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
100	P2 BPSK	1	1	2552.9	2552.9	2552.9	26.0		
100	P2 BPSK	1	1	16.66	16.67	16.60			
100	P2 BPSK	1	127	18.66	16.67	16.60		17.5	0.0
100	P2 BPSK	1	231	16.66	16.67	16.60			
100	P2 BPSK	135	9	16.66	16.67	16.60		17.5	0.0
100	P2 BPSK	135	69	16.66	16.67	16.60		17.5	0.0
100	P2 BPSK	135	138	16.66	16.67	16.60		17.5	0.0
100	QPSK	270	0	16.66	16.67	16.60			
100	QPSK	1	1	16.73	16.74	16.70			
100	QPSK	1	137	16.66	16.67	16.60		17.5	0.0
100	QPSK	1	271	16.66	16.67	16.60			
100	QPSK	135	0	16.66	16.67	16.60			
100	QPSK	135	69	16.71	16.72	16.65		17.5	0.0
100	QPSK	135	138	16.66	16.67	16.60			
100	QPSK	270	0	16.66	16.67	16.65		17.5	0.0
100	16QAM	1	1	16.66	16.67	16.60		17.5	0.0
100	64QAM	1	1	16.66	16.67	16.60		17.5	0.0
100	256QAM	1	1	16.66	16.67	16.60		17.5	0.0
Channel									
	Frequency (MHz)			507250	518598	520998	Turn-up limit (dBm)		MPR (dB)
				2552.9	2552.9	2552.9			
90	QPSK	1	1	16.73	16.74	16.67	17.5		0.0
Channel									
	Frequency (MHz)			507250	518598	520998	Turn-up limit (dBm)		MPR (dB)
				2552.9	2552.9	2552.9			
80	QPSK	1	1	16.70	16.72	16.61	17.5		0.0
Channel									
	Frequency (MHz)			506202	518598	531008	Turn-up limit (dBm)		MPR (dB)
				2552.9	2552.9	2605			
70	QPSK	1	1	16.73	16.74	16.60	17.5		0.0
Channel									
	Frequency (MHz)			505250	518598	531008	Turn-up limit (dBm)		MPR (dB)
				2506	2592.9	2599.9			
60	QPSK	1	1	16.73	16.74	16.66	17.5		0.0
Channel									
	Frequency (MHz)			504250	518598	532008	Turn-up limit (dBm)		MPR (dB)
				2501.92	2592.9	2604.99			
50	QPSK	1	1	16.67	16.67	16.61	17.5		0.0
Channel									
	Frequency (MHz)			503250	518598	533408	Turn-up limit (dBm)		MPR (dB)
				2515.5	2592.9	2607.48			
45	QPSK	1	1	16.68	16.75	16.66	17.5		0.0
Channel									
	Frequency (MHz)			503052	518598	534000	Turn-up limit (dBm)		MPR (dB)
				2518.01	2592.9	2612.01			
40	QPSK	1	1	16.74	16.76	16.66	17.5		0.0
Channel									
	Frequency (MHz)			502704	518598	534408	Turn-up limit (dBm)		MPR (dB)
				2513.32	2592.9	2617.44			
35	QPSK	1	1	16.69	16.69	16.66	17.5		0.0
Channel									
	Frequency (MHz)			502250	518598	534908	Turn-up limit (dBm)		MPR (dB)
				2511	2592.9	2619.98			
30	QPSK	1	1	16.74	16.69	16.69	17.5		0.0
Channel									
	Frequency (MHz)			501702	518598	535500	Turn-up limit (dBm)		MPR (dB)
				2508.51	2592.9	2617.5			
25	QPSK	1	1	16.68	16.76	16.69	17.5		0.0
Channel									
	Frequency (MHz)			501250	518598	536008	Turn-up limit (dBm)		MPR (dB)
				2508.92	2592.9	2619.99			
20	QPSK	1	1	16.72	16.68	16.60	17.5		0.0
Channel									
	Frequency (MHz)			500750	518598	536406	Turn-up limit (dBm)		MPR (dB)
				2508.5	2592.9	2618.4			
15	QPSK	1	1	16.75	16.76	16.64	17.5		0.0
Channel									
	Frequency (MHz)			500250	518598	537000	Turn-up limit (dBm)		MPR (dB)
				2507.71	2592.9	2618.1			
10	QPSK	1	1	16.71	16.72	16.61	17.5		0.0

FCC_n41_Ant 9_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	16.66	16.67	16.60			
100	P22 BPSK	1	137	15.66	16.67	16.60	17.5	0.0	
100	P22 BPSK	1	271	16.66	16.67	16.60			
100	P22 BPSK	135	0	16.66	16.67	16.60	17.5	0.0	
100	P22 BPSK	135	69	16.66	16.67	16.60	17.5	0.0	
100	P22 BPSK	135	138	16.66	16.67	16.60	17.5	0.0	
100	P22 BPSK	270	0	16.66	16.67	16.60			
100	QPSK	1	1	16.76	16.77	16.70			
100	QPSK	1	137	16.66	16.67	16.60	17.5	0.0	
100	QPSK	1	271	16.66	16.67	16.60			
100	QPSK	135	0	16.66	16.67	16.60			
100	QPSK	135	69	16.71	16.72	16.65	17.5	0.0	
100	QPSK	135	138	16.66	16.67	16.60			
100	QPSK	270	0	16.66	16.70	16.65	17.5	0.0	
100	16QAM	1	1	16.66	16.67	16.60	17.5	0.0	
100	16QAM	1	137	16.66	16.67	16.60	17.5	0.0	
100	256QAM	1	1	16.66	16.67	16.60	17.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	16.73	16.74	16.67	17.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	16.70	16.72	16.61	17.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	16.75	16.72	16.66	17.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	16.73	16.74	16.65	17.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	16.67	16.67	16.61	17.5	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	16.68	16.70	16.66	17.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	16.74	16.76	16.66	17.5	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	16.74	16.69	16.65	17.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	16.74	16.69	16.69	17.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	16.68	16.70	16.69	17.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	16.72	16.68	16.60	17.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	16.75	16.70	16.64	17.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	16.74	16.73	16.61	17.5	0.0	

FCC_n41_Ant 6_PC3									
BW (MHz)	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	P22 BPSK	1	1	15.38	15.48	15.61			
100	P22 BPSK	1	137	15.37	15.49	15.63	17.0	0.0	
100	P22 BPSK	1	271	15.41	15.51	15.62			
100	P22 BPSK	135	0	15.43	15.48	15.63	17.0	0.0	
100	P22 BPSK	135	69	15.34	15.52	15.64	17.0	0.0	
100	P22 BPSK	135	138	15.37	15.53	15.57	17.0	0.0	
100	P22 BPSK	270	0	15.36	15.54	15.60			
100	QPSK	1	1	15.44	15.68	15.63			
100	QPSK	1	137	15.36	15.53	15.58	17.0	0.0	
100	QPSK	1	271	15.42	15.47	15.63			
100	QPSK	135	0	15.43	15.53	15.62			
100	QPSK	135	69	15.41	15.63	15.60	17.0	0.0	
100	QPSK	135	138	15.36	15.52	15.56			
100	QPSK	270	0	15.40	15.58	15.58	17.0	0.0	
100	16QAM	1	137	15.42	15.54	15.59	17.0	0.0	
100	64QAM	1	137	15.43	15.51	15.64	17.0	0.0	
100	256QAM	1	137	15.42	15.52	15.61	17.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	15.35	15.59	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	15.40	15.66	15.57	17.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	15.34	15.61	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	15.34	15.59	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	15.38	15.60	15.61	17.0	0.0	
Channel									
Frequency (MHz)									
45	QPSK	1	1	15.43	15.62	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	15.43	15.64	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	15.35	15.59	15.57	17.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	15.30	15.63	15.53	17.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	15.36	15.66	15.58	17.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.37	15.61	15.53	17.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.41	15.60	15.60	17.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.39	15.58	15.55	17.0	0.0	

FCC_n41_Ant 6_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	15.38	15.48	15.61			
100	P22 BPSK	1	137	15.37	15.49	15.63	17.0	0.0	
100	P22 BPSK	1	271	15.41	15.51	15.62			
100	P22 BPSK	135	0	15.43	15.48	15.63	17.0	0.0	
100	P22 BPSK	135	69	15.34	15.52	15.64	17.0	0.0	
100	P22 BPSK	135	138	15.37	15.53	15.57	17.0	0.0	
100	P22 BPSK	270	0	15.36	15.54	15.60			
100	QPSK	1	1	15.44	15.68	15.63			
100	QPSK	1	137	15.36	15.53	15.58	17.0	0.0	
100	QPSK	1	271	15.42	15.47	15.63			
100	QPSK	135	0	15.43	15.53	15.62			
100	QPSK	135	69	15.41	15.63	15.60	17.0	0.0	
100	QPSK	135	138	15.36	15.52	15.56			
100	QPSK	270	0	15.40	15.58	15.58	17.0	0.0	
100	16QAM	1	137	15.42	15.54	15.59	17.0	0.0	
100	64QAM	1	137	15.43	15.51	15.64	17.0	0.0	
100	256QAM	1	137	15.42	15.51	15.61	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.00	25.98	25.96	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.38	15.59	15.59	17.0	0.0	
50	QPSK	1	137	15.36	15.58	15.59	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	25.92	25.92	25.92	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.40	15.66	15.57	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.01	25.92	25.95	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.34	15.61	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.00	25.92	25.96	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.34	15.58	15.58	17.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.91	25.92	25.96	Time up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.37	15.68	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.93	25.92	25.96	Time up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.43	15.62	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.96	25.96	25.96	Time up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.41	15.64	15.59	17.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	15.35	15.59	15.57	17.0	0.0	
35	QPSK	1	1	26.00	25.98	25.96	Time up limit (dBm)	MPR (dB)	
35	QPSK	1	1	15.39	15.63	15.53	17.0	0.0	
Channel									
Frequency (MHz)									
35	QPSK	1	1	25.95	25.92	25.97	Time up limit (dBm)	MPR (dB)	
35	QPSK	1	1	15.36	15.60	15.58	17.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.91	25.92	25.96	Time up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.36	15.60	15.58	17.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	25.92	25.92	25.96	Time up limit (dBm)	MPR (dB)	
25	QPSK	1	1	15.37	15.61	15.53	17.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	26.03	25.96	25.99	Time up limit (dBm)	MPR (dB)	
15	QPSK	1	1	15.41	15.60	15.60	17.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	26.02	25.98	25.97	Time up limit (dBm)	MPR (dB)	
10	QPSK	1	1	15.39	15.58	15.55	17.0	0.0	

Part270_n77_Ant 4_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 600000	Power Middle Ch. / Freq. 600000	Power High Ch. / Freq. 600000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	18.71	18.68	18.58			
100	P22 BPSK	1	137	18.70	18.72	18.55	19.5	0.0	
100	P22 BPSK	1	271	18.68	18.68	18.53			
100	P22 BPSK	135	0	18.68	18.65	18.60	19.5	0.0	
100	P22 BPSK	135	69	18.64	18.74	18.57	19.5	0.0	
100	P22 BPSK	135	138	18.60	18.60	18.60	19.5	0.0	
100	P22 BPSK	270	0	18.65	18.72	18.54			
100	QPSK	1	1	18.71	18.70	18.61			
100	QPSK	1	137	18.69	18.66	18.53	19.5	0.0	
100	QPSK	1	271	18.63	18.70	18.53			
100	QPSK	135	0	18.66	18.72	18.56			
100	QPSK	135	69	18.67	18.72	18.58	19.5	0.0	
100	QPSK	135	138	18.62	18.66	18.57			
100	QPSK	270	0	18.68	18.70	18.59	19.5	0.0	
100	16QAM	1	1	18.66	18.68	18.54	19.5	0.0	
100	64QAM	1	1	18.70	18.72	18.56	19.5	0.0	
100	256QAM	1	1	18.64	18.65	18.59	19.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.68	18.75	18.62	19.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.70	18.76	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.67	18.67	18.61	19.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.69	18.69	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.63	18.74	18.58	19.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.69	18.69	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.68	18.70	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.64	18.75	18.63	19.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.61	18.60	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.66	18.68	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.64	18.66	18.54	19.5	0.0	

Part270_n77_Ant 4_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 600000	Power Middle Ch. / Freq. 600000	Power High Ch. / Freq. 600000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	18.71	18.68	18.58			
100	P22 BPSK	1	137	18.70	18.72	18.55	19.5	0.0	
100	P22 BPSK	1	271	18.68	18.68	18.53			
100	P22 BPSK	135	0	18.68	18.65	18.60	19.5	0.0	
100	P22 BPSK	135	69	18.64	18.74	18.57	19.5	0.0	
100	P22 BPSK	135	138	18.60	18.60	18.60	19.5	0.0	
100	P22 BPSK	270	0	18.65	18.72	18.54			
100	QPSK	1	1	18.71	18.70	18.61			
100	QPSK	1	137	18.69	18.66	18.53	19.5	0.0	
100	QPSK	1	271	18.63	18.70	18.53			
100	QPSK	135	0	18.66	18.72	18.56			
100	QPSK	135	69	18.67	18.72	18.58	19.5	0.0	
100	QPSK	135	138	18.62	18.66	18.57			
100	QPSK	270	0	18.68	18.70	18.59	19.5	0.0	
100	16QAM	1	1	18.66	18.68	18.54	19.5	0.0	
100	64QAM	1	1	18.70	18.72	18.56	19.5	0.0	
100	256QAM	1	1	18.64	18.65	18.59	19.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.68	18.75	18.62	19.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.70	18.76	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.67	18.67	18.61	19.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.69	18.69	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.63	18.74	18.58	19.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.69	18.69	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.68	18.70	18.55	19.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.64	18.75	18.63	19.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.61	18.60	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.66	18.68	18.57	19.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.64	18.66	18.54	19.5	0.0	

Part270_n77_Ant 5_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 600000	Power Middle Ch. / Freq. 600000	Power High Ch. / Freq. 600000	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	18.82	18.86	18.76			
100	P22 BPSK	1	137	18.82	18.86	18.76	19.0	0.0	
100	P22 BPSK	1	271	18.82	18.86	18.76			
100	P22 BPSK	135	0	18.82	18.86	18.76	19.0	0.0	
100	P22 BPSK	135	69	18.82	18.86	18.76	19.0	0.0	
100	P22 BPSK	135	138	18.82	18.86	18.76	19.0	0.0	
100	P22 BPSK	270	0	18.82	18.86	18.76			
100	QPSK	1	1	18.82	18.86	18.76			
100	QPSK	1	137	18.82	18.86	18.76	19.0	0.0	
100	QPSK	1	271	18.82	18.86	18.76			
100	QPSK	135	0	18.82	18.86	18.76			
100	QPSK	135	69	18.87	18.91	18.81	19.0	0.0	
100	QPSK	135	138	18.82	18.86	18.76			
100	QPSK	270	0	18.87	18.91	18.81	19.0	0.0	
100	16QAM	1	1	18.82	18.86	18.76	19.0	0.0	
100	64QAM	1	1	18.82	18.86	18.76	19.0	0.0	
100	256QAM	1	1	18.82	18.86	18.76	19.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.88	18.88	18.84	19.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.83	18.89	18.82	19.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.90	18.95	18.81	19.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.85	18.92	18.84	19.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.82	18.95	18.78	19.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.81	18.95	18.79	19.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.82	18.95	18.78	19.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.86	18.95	18.76	19.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.82	18.91	18.79	19.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.82	18.92	18.77	19.0	0.0	

Part270_n77_Ant 11_PC3									
BW [MHz]	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	P22 BPSK	1	1	13.27	13.36	13.04			
100	P22 BPSK	1	137	13.27	13.32	13.04	14.0	0.0	
100	P22 BPSK	1	271	13.27	13.33	13.02			
100	P22 BPSK	135	0	13.31	13.30	13.06	14.0	0.0	
100	P22 BPSK	135	69	13.22	13.27	13.02	14.0	0.0	
100	P22 BPSK	135	138	13.27	13.28	13.02	14.0	0.0	
100	P22 BPSK	270	0	13.30	13.31	13.07	14.0	0.0	
100	QPSK	1	1	13.37	13.44	13.10			
100	QPSK	1	137	13.24	13.36	13.06	14.0	0.0	
100	QPSK	1	271	13.25	13.35	13.07			
100	QPSK	135	0	13.24	13.33	13.01			
100	QPSK	135	69	13.26	13.36	13.10	14.0	0.0	
100	QPSK	135	138	13.22	13.33	13.06			
100	QPSK	270	0	13.31	13.35	13.07	14.0	0.0	
100	16QAM	1	1	13.29	13.32	13.03	14.0	0.0	
100	64QAM	1	1	13.27	13.33	13.08	14.0	0.0	
100	256QAM	1	1	13.30	13.34	13.07	14.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3840	3934.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	13.34	13.36	13.09	14.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.27	13.42	13.11	14.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	13.34	13.42	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.30	13.43	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	13.31	13.37	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.35	13.39	13.11	14.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	13.35	13.38	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.33	13.37	13.07	14.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	13.32	13.42	13.14	14.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	13.32	13.42	13.10	14.0	0.0	

Part270_n77_Ant 11_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P22 BPSK	1	1	13.27	13.36	13.04			
100	P22 BPSK	1	137	13.27	13.32	13.04	14.0	0.0	
100	P22 BPSK	1	271	13.27	13.33	13.02			
100	P22 BPSK	135	0	13.31	13.30	13.06	14.0	0.0	
100	P22 BPSK	135	69	13.22	13.27	13.02	14.0	0.0	
100	P22 BPSK	135	138	13.27	13.28	13.02	14.0	0.0	
100	P22 BPSK	270	0	13.30	13.31	13.07	14.0	0.0	
100	QPSK	1	1	13.37	13.44	13.10			
100	QPSK	1	137	13.24	13.36	13.06	14.0	0.0	
100	QPSK	1	271	13.25	13.35	13.07			
100	QPSK	135	0	13.24	13.33	13.01			
100	QPSK	135	69	13.26	13.36	13.10	14.0	0.0	
100	QPSK	135	138	13.22	13.33	13.06			
100	QPSK	270	0	13.31	13.35	13.07	14.0	0.0	
100	16QAM	1	1	13.29	13.32	13.03	14.0	0.0	
100	64QAM	1	1	13.27	13.33	13.08	14.0	0.0	
100	256QAM	1	1	13.30	13.34	13.07	14.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	3745.02	3840	3934.98	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	1	13.34	13.36	13.09	14.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	13.27	13.42	13.11	14.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	13.34	13.42	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	13.30	13.43	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	13.31	13.37	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	13.35	13.39	13.11	14.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	13.35	13.38	13.13	14.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	13.33	13.37	13.07	14.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	13.32	13.42	13.14	14.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	13.32	13.42	13.10	14.0	0.0	

Part270_n78_Ant 4_PC3									
BW [MHz]	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	P22 BPSK	1	1		18.52				
100	P22 BPSK	1	137		18.59		19.5	0.0	
100	P22 BPSK	1	271		18.60				
100	P22 BPSK	135	0		18.54		19.5	0.0	
100	P22 BPSK	135	69		18.59		19.5	0.0	
100	P22 BPSK	135	138		18.59		19.5	0.0	
100	P22 BPSK	270	0		18.58		19.5	0.0	
100	QPSK	1	1		18.63				
100	QPSK	1	137		18.56		19.5	0.0	
100	QPSK	1	271		18.56				
100	QPSK	135	0		18.58				
100	QPSK	135	69		18.60		19.5	0.0	
100	QPSK	135	138		18.51				
100	QPSK	270	0		18.58		19.5	0.0	
100	16QAM	1	1		18.55		19.5	0.0	
100	64QAM	1	1		18.53		19.5	0.0	
100	256QAM	1	1		18.56		19.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	1	18.53	18.60	18.56	19.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	18.57	18.55	18.54	19.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	1	18.56	18.58	18.59	19.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	18.60	18.60	18.62	19.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	18.57	18.58	18.62	19.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	18.54	18.53	18.54	19.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.59	18.56	18.62	19.5	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.53	18.56	18.60	19.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	18.58	18.54	18.56	19.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	18.59	18.61	18.60	19.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.53	18.54	18.54	19.5	0.0	

Part270_n78_Ant 4_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750			19.5	0.0	
100	Pi2 BPSK	1	1	18.52					
100	Pi2 BPSK	1	137	18.58					
100	Pi2 BPSK	1	271	18.60					
100	Pi2 BPSK	135	0	18.54			19.5	0.0	
100	Pi2 BPSK	135	69	18.59			19.5	0.0	
100	Pi2 BPSK	135	138	18.58			19.5	0.0	
100	Pi2 BPSK	270	0	18.58			19.5	0.0	
100	QPSK	1	1	18.63			19.5	0.0	
100	QPSK	1	137	18.56					
100	QPSK	1	271	18.58					
100	QPSK	135	0	18.58					
100	QPSK	135	69	18.60			19.5	0.0	
100	QPSK	135	138	18.51			19.5	0.0	
100	QPSK	220	0	18.58			19.5	0.0	
100	16QAM	1	1	18.55			19.5	0.0	
100	64QAM	1	1	18.53			19.5	0.0	
100	256QAM	1	1	18.58			19.5	0.0	
Channel				648968	650000	650332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.53	18.80	18.56	19.5	0.0	
Channel				645234	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99	(dB)		
80	QPSK	1	1	18.57	18.55	18.54	19.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	18.58	18.58	18.59	19.5	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720.02	3750	3769.98	(dB)		
60	QPSK	1	1	18.60	18.60	18.62	19.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99	(dB)		
50	QPSK	1	1	18.57	18.58	18.62	19.5	0.0	
Channel				648500	650000	650500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760	(dB)		
40	QPSK	1	1	18.54	18.53	18.54	19.5	0.0	
Channel				647688	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3764.98	(dB)		
30	QPSK	1	1	18.58	18.56	18.62	19.5	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5	(dB)		
25	QPSK	1	1	18.53	18.59	18.60	19.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3769.99	(dB)		
20	QPSK	1	1	18.58	18.54	18.58	19.5	0.0	
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.48	(dB)		
15	QPSK	1	1	18.59	18.61	18.60	19.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dB)		
10	QPSK	1	1	18.53	18.54	18.54	19.5	0.0	

Part270_n78_Ant 5_PC3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750			19.0	0.0	
100	Pi2 BPSK	1	1	18.74					
100	Pi2 BPSK	1	137	18.76					
100	Pi2 BPSK	1	271	18.70					
100	Pi2 BPSK	135	0	18.74			19.0	0.0	
100	Pi2 BPSK	135	69	18.71			19.0	0.0	
100	Pi2 BPSK	135	138	18.71			19.0	0.0	
100	Pi2 BPSK	270	0	18.73			19.0	0.0	
100	QPSK	1	1	18.79			19.0	0.0	
100	QPSK	1	137	18.75					
100	QPSK	1	271	18.72					
100	QPSK	135	0	18.70					
100	QPSK	135	69	18.73			19.0	0.0	
100	QPSK	135	138	18.74			19.0	0.0	
100	QPSK	220	0	18.70			19.0	0.0	
100	16QAM	1	1	18.71			19.0	0.0	
100	64QAM	1	1	18.71			19.0	0.0	
100	256QAM	1	1	18.77			19.0	0.0	
Channel				648968	650000	650332	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	1	18.76	18.72	18.77	19.0	0.0	
Channel				645234	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99	(dB)		
80	QPSK	1	1	18.75	18.74	18.71	19.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	1	18.69	18.70	18.77	19.0	0.0	
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720.02	3750	3769.98	(dB)		
60	QPSK	1	1	18.76	18.73	18.78	19.0	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99	(dB)		
50	QPSK	1	1	18.76	18.75	18.70	19.0	0.0	
Channel				648500	650000	650500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3760	(dB)		
40	QPSK	1	1	18.72	18.70	18.74	19.0	0.0	
Channel				647688	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3764.98	(dB)		
30	QPSK	1	1	18.72	18.74	18.77	19.0	0.0	
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3712.5	3750	3767.5	(dB)		
25	QPSK	1	1	18.73	18.74	18.72	19.0	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3769.99	(dB)		
20	QPSK	1	1	18.75	18.77	18.74	19.0	0.0	
Channel				647168	650000	652832	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3762.48	(dB)		
15	QPSK	1	1	18.72	18.72	18.73	19.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	(dB)		
10	QPSK	1	1	18.71	18.76	18.70	19.0	0.0	

Part270_n78_Ant 5_PC2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Channel									
Frequency (MHz)				3750			19.0	0.0	0.06
100	Pi2 BPSK	1	1	18.74					
100	Pi2 BPSK	1	137	18.76					
100	Pi2 BPSK	1	271	18.70					
100	Pi2 BPSK	135	0	18.74			19.0	0.0	0.00
100	Pi2 BPSK	135	69	18.71			19.0	0.0	0.00
100	Pi2 BPSK	135	138	18.71			19.0	0.0	0.02
100	Pi2 BPSK	270	0	18.73			19.0	0.0	0.00
100	QPSK	1	1	18.79			19.0	0.0	0.07
100	QPSK	1	137	18.75					
100	QPSK	1	271	18.72					
100	QPSK	135	0	18.70					
100	QPSK	135	69	18.73			19.0	0.0	0.03
100	QPSK	135	138	18.73			19.0	0.0	0.00
100	QPSK	270	0	18.75			19.0	0.0	0.00
100	16QAM	1	1	18.71			19.0	0.0	0.00
100	64QAM	1	1	18.71			19.0	0.0	0.00
100	256QAM	1	1	18.77			19.0	0.0	0.00
Channel				648968	650000	650332	Tune-up limit (dBm)	MPR (dB)	Ch Delta
90	QPSK	1	1	18.76	18.72	18.77	19.0	0.0	0.05
Channel				645234	650000	650666	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3740.01	3750	3759.99	(dB)		>+0.5
80	QPSK	1	1	18.75	18.74	18.71	19.0	0.0	0.04
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	Ch Delta
70	QPSK	1	1	18.69	18.70	18.77	19.0	0.0	0.08
Channel				648968	650000	651332	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3720.02	3750	3769.98	(dB)		>+0.5
60	QPSK	1	1	18.76	18.73	18.78	19.0	0.0	0.03
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3725.01	3750	3774.99	(dB)		>+0.5
50	QPSK	1	1	18.70	18.75	18.70	19.0	0.0	0.06
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3720	3750	3780	(dB)		>+0.5
40	QPSK	1	1	18.72	18.70	18.74	19.0	0.0	0.04
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3715.02	3750	3784.98	(dB)		>+0.5
30	QPSK	1	1	18.72	18.74	18.77	19.0	0.0	0.05
Channel				647500	650000	652500	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3712.5	3750	3787.5	(dB)		>+0.5
25	QPSK	1	1	18.73	18.74	18.72	19.0	0.0	0.02
Channel				647234	650000	652766	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3710.01	3750	3789.99	(dB)		>+0.5
20	QPSK	1	1	18.75	18.77	18.74	19.0	0.0	0.03
Channel				647100	650000	652900	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3707.52	3750	3792.48	(dB)		>+0.5
15	QPSK	1	1	18.72	18.72	18.73	19.0	0.0	0.01
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	Ch Delta
Frequency (MHz)				3705	3750	3795	(dB)		>+0.5
10	QPSK	1	1	18.71	18.75	18.70	19.0	0.0	0.05

Part270_n78_Ant 7_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	P2/BPSK	1	1	19.04				20.0	0.0
100	P2/BPSK	1	137	19.05					
100	P2/BPSK	1	271	19.06					
100	P2/BPSK	135	0	19.05					
100	P2/BPSK	135	69	19.07				20.0	0.0
100	P2/BPSK	135	138	19.08				20.0	0.0
100	P2/BPSK	270	0	19.08				20.0	0.0
100	QPSK	1	1	19.10				20.0	0.0
100	QPSK	1	137	19.09					
100	QPSK	1	271	19.09					
100	QPSK	135	0	19.09					
100	QPSK	135	69	19.13				20.0	0.0
100	QPSK	135	138	19.10				20.0	0.0
100	QPSK	270	0	19.10				20.0	0.0
100	16QAM	1	1	19.07				20.0	0.0
100	64QAM	1	1	19.06				20.0	0.0
100	256QAM	1	1	19.12				20.0	0.0
Channel				649668	650000	650332		Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3754.98		(dBm)	
90	QPSK	1	1	19.09	19.09	19.11	20.0	0.0	
Channel				649334	650000	650666		Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3759.99		(dBm)	
80	QPSK	1	1	19.15	19.08	19.13	20.0	0.0	
Channel				649000	650000	651000		Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765		(dBm)	
70	QPSK	1	1	19.11	19.12	19.15	20.0	0.0	
Channel				648668	650000	651332		Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3760.98		(dBm)	
60	QPSK	1	1	19.13	19.06	19.15	20.0	0.0	
Channel				648334	650000	651666		Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3774.99		(dBm)	
50	QPSK	1	1	19.15	19.15	19.13	20.0	0.0	
Channel				648000	650000	652000		Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780		(dBm)	
40	QPSK	1	1	19.10	19.11	19.12	20.0	0.0	
Channel				647668	650000	652332		Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3784.98		(dBm)	
30	QPSK	1	1	19.09	19.12	19.12	20.0	0.0	
Channel				647334	650000	652666		Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3789.99		(dBm)	
25	QPSK	1	1	19.05	19.08	19.09	20.0	0.0	
Channel				647000	650000	652999		Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48		(dBm)	
20	QPSK	1	1	19.11	19.07	19.09	20.0	0.0	
Channel				647668	650000	652332		Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.48		(dBm)	
15	QPSK	1	1	19.09	19.14	19.15	20.0	0.0	
Channel				647334	650000	652000		Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795		(dBm)	
10	QPSK	1	1	19.11	19.08	19.09	20.0	0.0	

Part270_n78_Ant 7_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel									
Frequency (MHz)									
100	P2 BPSK	1	1		19.04		20.0	0.0	
100	P2 BPSK	1	137		19.05				
100	P2 BPSK	1	271		19.06				
100	P2 BPSK	135	0		19.05				
100	P2 BPSK	135	69		19.07		20.0	0.0	
100	P2 BPSK	135	138		19.08		20.0	0.0	
100	P2 BPSK	270	0		19.08		20.0	0.0	
100	QPSK	1	1		19.10		20.0	0.0	
100	QPSK	1	137		19.09				
100	QPSK	1	271		19.09				
100	QPSK	135	0		19.13				
100	QPSK	135	69		19.13		20.0	0.0	
100	QPSK	135	138		19.10		20.0	0.0	
100	QPSK	270	0		19.10		20.0	0.0	
100	16QAM	1	1		19.07		20.0	0.0	
100	64QAM	1	1		19.06		20.0	0.0	
100	256QAM	1	1		19.12		20.0	0.0	
Channel				649668	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dbm)		
90	QPSK	1	1	19.09	19.09	19.11	20.0	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dbm)		
80	QPSK	1	1	19.15	19.08	19.13	20.0	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3732	3750	3765	(dbm)		
70	QPSK	1	1	19.11	19.12	19.15	20.0	0.0	
Channel				648668	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3760.98	(dbm)		
60	QPSK	1	1	19.13	19.06	19.15	20.0	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dbm)		
50	QPSK	1	1	19.15	19.15	19.13	20.0	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dbm)		
40	QPSK	1	1	19.10	19.11	19.12	20.0	0.0	
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dbm)		
30	QPSK	1	1	19.09	19.12	19.12	20.0	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dbm)		
25	QPSK	1	1	19.05	19.08	19.09	20.0	0.0	
Channel				647000	650000	652999	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dbm)		
20	QPSK	1	1	19.11	19.07	19.09	20.0	0.0	
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3707.52	3750	3792.48	(dbm)		
15	QPSK	1	1	19.09	19.14	19.15	20.0	0.0	
Channel				647334	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dbm)		
10	QPSK	1	1	19.11	19.08	19.09	20.0	0.0	

Part270_n78_Ant 11_PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	13.31			14.0	0.0	
100	PI2 BPSK	1	137	13.29					
100	PI2 BPSK	1	271	13.34					
100	PI2 BPSK	135	0	13.29					0.0
100	PI2 BPSK	135	69	13.32			14.0	0.0	
100	PI2 BPSK	135	138	13.31			14.0	0.0	
100	PI2 BPSK	270	0	13.27					
100	QPSK	1	1	13.39					
100	QPSK	1	137	13.32					
100	QPSK	1	271	13.32			14.0	0.0	
100	QPSK	135	0	13.29			14.0	0.0	
100	QPSK	135	69	13.34					
100	QPSK	135	138	13.29					
100	QPSK	270	0	13.31					0.0
100	16QAM	1	1	13.28			14.0	0.0	
100	64QAM	1	1	13.28			14.0	0.0	
100	256QAM	1	1	13.29			14.0	0.0	
Channel				64968	65000	65032	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	13.35	13.30	13.33	14.0	0.0	
Channel				64934	65000	65066	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1	13.38	13.31	13.35	14.0	0.0	
Channel				64900	65000	65100	Tune-up limit	MPR	
Frequency (MHz)				3734	3750	3766	(dBm)	(dB)	
70	QPSK	1	1	13.33	13.32	13.35	14.0	0.0	
Channel				64868	65000	65132	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	13.29	13.35	13.35	14.0	0.0	
Channel				64834	65000	65166	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1	13.34	13.29	13.38	14.0	0.0	
Channel				64800	65000	65200	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	13.38	13.30	13.35	14.0	0.0	
Channel				64768	65000	65232	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	13.37	13.33	13.33	14.0	0.0	
Channel				64730	65000	65260	Tune-up limit	MPR	
Frequency (MHz)				3712.4	3750	3784.6	(dBm)	(dB)	
25	QPSK	1	1	13.38	13.31	13.37	14.0	0.0	
Channel				64734	65000	65266	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1	13.35	13.35	13.30	14.0	0.0	
Channel				64768	65000	65232	Tune-up limit	MPR	
Frequency (MHz)				3707.02	3750	3792.48	(dBm)	(dB)	
15	QPSK	1	1	13.35	13.32	13.38	14.0	0.0	
Channel				64700	65000	65300	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	13.35	13.38	13.36	14.0	0.0	

Part270_n78_Ant 11_PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	13.31			14.0	0.0	
100	PI2 BPSK	1	137	13.29					
100	PI2 BPSK	1	271	13.34					
100	PI2 BPSK	135	0	13.29					0.0
100	PI2 BPSK	135	69	13.32			14.0	0.0	
100	PI2 BPSK	135	138	13.31			14.0	0.0	
100	PI2 BPSK	270	0	13.27					
100	QPSK	1	1	13.39					
100	QPSK	1	137	13.32					
100	QPSK	1	271	13.32			14.0	0.0	
100	QPSK	135	0	13.29			14.0	0.0	
100	QPSK	135	69	13.34					
100	QPSK	135	138	13.29					
100	QPSK	270	0	13.31					0.0
100	16QAM	1	1	13.28			14.0	0.0	
100	64QAM	1	1	13.28			14.0	0.0	
100	256QAM	1	1	13.29			14.0	0.0	
Channel				64968	65000	65032	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	13.35	13.30	13.33	14.0	0.0	
Channel				64934	65000	65066	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	QPSK	1	1	13.38	13.31	13.35	14.0	0.0	
Channel				64900	65000	65100	Tune-up limit	MPR	
Frequency (MHz)				3734	3750	3766	(dBm)	(dB)	
70	QPSK	1	1	13.33	13.32	13.35	14.0	0.0	
Channel				64868	65000	65132	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	13.29	13.35	13.35	14.0	0.0	
Channel				64834	65000	65166	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	QPSK	1	1	13.34	13.29	13.38	14.0	0.0	
Channel				64800	65000	65200	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	13.38	13.30	13.35	14.0	0.0	
Channel				64768	65000	65232	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	13.37	13.33	13.33	14.0	0.0	
Channel				64730	65000	65260	Tune-up limit	MPR	
Frequency (MHz)				3712.4	3750	3784.6	(dBm)	(dB)	
25	QPSK	1	1	13.38	13.31	13.37	14.0	0.0	
Channel				64734	65000	65266	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	QPSK	1	1	13.35	13.35	13.30	14.0	0.0	
Channel				64768	65000	65232	Tune-up limit	MPR	
Frequency (MHz)				3707.02	3750	3792.48	(dBm)	(dB)	
15	QPSK	1	1	13.35	13.32	13.38	14.0	0.0	
Channel				64700	65000	65300	Tune-up limit	MPR	
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)	
10	QPSK	1	1	13.35	13.38	13.36	14.0	0.0	

2.4GHz WLAN

Full Power

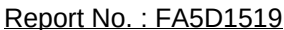
Head DB

Head Simultaneous

Headport

Mode	Channel	Frequency (MHz)	RU Config	Ant 24G1		Ant 24G2		Ant 24G3		Ant 24G4		Ant 24G5		Ant 24G6		Ant 24G7		Ant 24G8		Ant 24G9		Ant 24G10		Ant 24G11		Ant 24G12		Ant 24G13		Ant 24G14		Ant 24G15		Ant 24G16		Ant 24G17		Ant 24G18				
				Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)	Average power (dBm)	Transmit power (dBm)			
802.11b-1Mbps	1	2412	Fur	20.45	20.85	20.85	20.85	18.11	18.30	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
	11	2412	Fur	20.45	20.85	20.85	20.85	17.89	18.00	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
	13	2412	Fur	20.45	20.85	20.85	20.85	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
	15	2412	Fur	20.45	20.85	20.85	20.85	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
	17	2412	Fur	20.45	20.85	20.85	20.85	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
	19	2412	Fur	20.45	20.85	20.85	20.85	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	20.85	22.00	18.64	18.80	
802.11b-6Mbps	6	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	11	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	13	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	15	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	17	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	19	2437	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
802.11a-VHT20 MCS0	36	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	40	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	44	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	48	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	52	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	56	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
802.11a-VHT40 MCS0	36	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	40	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	44	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	48	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	52	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	56	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
802.11a-VHT80 MCS0	36	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	40	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	44	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85
	48	5200	Fur	18.80	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.85	20.			

[illegible]

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Mode	Channel	Frequency (MHz)	Default Full		Head Set/Headset Bluetooth WIFI/5G+BT		Head Set/Headset WIFI/5G+BT		Hotspot Bluetooth WIFI/5G+BT WIFI/5G+BT/5G+BT		Body Bluetooth WIFI/5G+BT WIFI/5G+BT/5G+BT		Duty Cycle %	
			Ant 3		Ant 3		Ant 3		Ant 3		Ant 3			
			Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit	Average power (dBm)	Turn-Up Limit		
Bluetooth	BR / EDR Mbps	0	2402	17.20	18.00	11.60	13.50	10.00	11.00	10.30	16.50	17.20	18.00	76.60%
		30	2441	17.40	18.00	12.30	13.50	10.00	11.00	10.00	17.40	17.40	18.00	
	78 2Mbps	0	2402	14.70	16.00	8.50	10.50	7.00	9.00	12.50	14.00	14.70	16.00	76.80%
		30	2441	15.10	16.00	9.00	10.50	7.70	9.00	12.90	14.00	15.10	16.00	
	BR / EDR 3Mbps	0	2402	14.70	16.00	8.50	10.50	7.00	9.00	12.50	14.00	14.70	16.00	77.07%
		30	2441	15.00	16.00	9.00	10.50	7.70	9.00	12.90	14.00	15.00	16.00	
	78 2Mbps	0	2402	14.30	16.00	8.00	10.50	7.00	9.00	12.10	14.00	14.30	16.00	77.67%
		30	2441	14.60	16.00	8.50	10.50	7.50	9.00	12.60	14.00	14.60	16.00	
	LE Mbps	0	2402	11.20	13.00	11.20	13.00	8.50	11.00	11.20	13.00	11.20	13.00	81.11%
		30	2440	11.50	13.00	11.50	13.00	9.00	11.00	11.50	13.00	11.50	13.00	
	30 2Mbps	0	2402	11.00	13.00	11.00	13.00	8.50	11.00	11.00	13.00	11.00	13.00	81.11%
		30	2440	11.30	13.00	11.30	13.00	9.00	11.00	11.30	13.00	11.30	13.00	
	LE 2Mbps	0	2402	11.10	13.00	11.10	13.00	9.00	11.00	11.10	13.00	11.10	13.00	81.94%
		30	2440	11.70	13.00	11.70	13.00	10.00	11.00	11.70	13.00	11.70	13.00	
	LE 12Mbps	0	2402	11.30	13.00	11.30	13.00	9.50	11.00	11.30	13.00	11.30	13.00	82.29%
		30	2440	11.90	13.00	11.90	13.00	10.10	11.00	11.90	13.00	11.90	13.00	
LE 500Kbps	0	2402	11.10	13.00	11.10	13.00	9.00	11.00	11.10	13.00	11.10	13.00	86.51%	
	30	2440	11.80	13.00	11.80	13.00	9.50	11.00	11.80	13.00	11.80	13.00		
	0	2402	11.10	13.00	11.10	13.00	9.40	11.00	11.10	13.00	11.10	13.00		
	30	2440	11.10	13.00	11.10	13.00	9.40	11.00	11.10	13.00	11.10	13.00		