

Band 2 Ant 0										
RF (MHz)	Modulation	RB Size	PRB Offset	Power Floor (W)	Power Floor (mW)	Power Floor (dBm)	Turn-up time (min)	MPE (dB)		
Channel				18670	18650	19150				
20	QPSK	1	0	22.28	22.28	22.28				
20	QPSK	1	49	22.28	22.28	22.28			23.5	0
20	QPSK	1	99	22.28	22.28	22.28				
20	QPSK	1	149	22.28	22.28	22.28				
20	QPSK	50	24	21.42	21.42	21.42			22.5	1
20	QPSK	50	74	21.42	21.42	21.42				
20	QPSK	50	124	21.42	21.42	21.42				
20	QPSK	50	174	21.42	21.42	21.42				
20	HQAM	1	0	21.81	21.82	21.40			22.5	1
20	HQAM	1	49	21.81	21.82	21.40				
20	HQAM	1	99	21.81	21.98	21.72				
20	HQAM	50	0	20.32	20.42	20.38				
20	HQAM	50	49	20.32	20.38	20.49			21.5	2
20	HQAM	50	99	20.30	20.30	20.49				
20	HQAM	100	0	20.34	20.46	20.35				
20	HQAM	100	49	20.34	20.34	20.49				
20	HQAM	1	49	21.17	21.30	21.14			21.5	2
20	HQAM	1	99	21.38	21.28	20.60				
20	HQAM	50	0	20.34	20.34	20.49				
20	HQAM	50	24	20.22	20.34	20.11			20.5	3
20	HQAM	50	74	20.22	20.34	20.11				
20	HQAM	50	124	20.22	20.34	20.11				
20	HQAM	100	0	20.19	20.28	20.15				
20	HQAM	100	49	20.19	20.28	20.15				
20	SSBGM	1	0	17.10	17.08	17.06			18.5	5
20	SSBGM	1	49	17.10	17.08	17.06				
20	SSBGM	1	99	17.22	17.25	17.07				
20	SSBGM	50	0	17.03	17.03	17.16				
20	SSBGM	50	49	17.03	17.03	17.16				
20	SSBGM	50	99	17.04	17.04	17.19				
20	SSBGM	100	0	17.15	17.16	17.03	Turn-up time (min)	MPE (dB)		
Channel				18672	18650	19050				
15	QPSK	1	0	22.07	21.98	21.65			23.5	0
15	QPSK	1	49	22.07	22.07	21.65				
15	QPSK	1	99	22.07	22.07	21.65				
15	QPSK	1	149	22.07	22.07	21.65				
15	QPSK	36	0	21.14	21.11	21.01			22.5	1
15	QPSK	36	49	21.14	21.11	21.01				
15	QPSK	36	99	21.20	21.20	21.16				
15	QPSK	36	149	21.20	21.20	21.16				
15	QPSK	75	0	20.94	21.26	20.12			22.5	1
15	QPSK	75	49	20.94	21.26	20.12				
15	QPSK	75	99	21.05	21.26	20.12				
15	HQAM	1	0	21.59	21.68	21.51			22.5	1
15	HQAM	1	49	21.59	21.68	21.51				
15	HQAM	36	0	20.01	20.23	20.19			21.5	2
15	HQAM	36	20	20.17	20.23	20.08				
15	HQAM	36	40	20.06	20.23	20.19				
15	HQAM	75	0	20.10	20.10	20.19				
15	HQAM	1	0	21.59	21.68	21.51	Turn-up time (min)	MPE (dB)		
Channel				18652	1880	19975 <th></th> <th></th> <th></th> <th></th>				
10	QPSK	1	0	22.00	21.93	21.69			23.5	0
10	QPSK	1	25	22.08	22.17	22.15				
10	QPSK	1	51	22.08	22.17	22.15				
10	QPSK	25	0	21.11	21.09	21.02			22.5	1
10	QPSK	25	12	21.15	21.31	21.16				
10	QPSK	25	25	21.02	21.28	21.02				
10	QPSK	50	0	21.05	21.23	20.92			22.5	1
10	QPSK	50	25	21.03	21.38	21.21				
10	QPSK	50	50	21.12	21.75	21.24				
10	HQAM	1	49	21.02	21.27	21.19			22.5	1
10	HQAM	25	0	20.02	20.20	20.16			21.5	2
10	HQAM	25	12	20.14	20.20	20.16				
10	HQAM	25	25	19.99	20.24	20.23				
10	HQAM	50	0	20.06	20.20	20.16			21.5	2
10	HQAM	50	25	20.12	21.10	21.07				
10	HQAM	50	50	20.08	21.31	20.24			20.5	3
10	HQAM	100	0	20.11	20.25	19.91				
10	HQAM	100	25	20.22	20.13	20.16				
10	HQAM	25	12	20.07	20.23	19.89				
10	HQAM	25	25	20.08	20.23	19.89				
10	HQAM	50	0	20.11	20.25	19.91				
10	HQAM	50	25	19.99	19.94	19.84			18.5	5
10	SSBGM	1	0	17.05	17.05	17.05				
10	SSBGM	1	25	17.05	17.06	17.14				
10	SSBGM	1	51	17.05	17.06	17.14				
10	SSBGM	25	12	16.96	17.05	17.14			18.5	5
10	SSBGM	25	25	16.87	17.06	17.02				
10	SSBGM	50	0	17.05	17.06	17.14	Turn-up time (min)	MPE (dB)		
Channel				18652	1880	19975 <th></th> <th></th> <th></th> <th></th>				
5	QPSK	1	0	21.96	21.94	21.21			23.5	0
5	QPSK	1	8	21.96	21.96	21.21				
5	QPSK	1	24	22.09	21.88	21.89				
5	QPSK	1	48	22.09	21.88	21.89				
5	QPSK	12	7	21.17	21.18	21.16			22.5	1
5	QPSK	12	13	21.17	21.11	21.05				
5	QPSK	12	19	21.17	21.11	21.05				
5	HQAM	1	0	21.64	21.28	21.23			22.5	1
5	HQAM	1	12	21.67	21.76	21.43				
5	HQAM	1	24	21.67	21.76	21.43				
5	HQAM	12	0	20.15	20.07	20.15			21.5	2
5	HQAM	12	7	20.18	20.07	20.12				
5	HQAM	12	13	20.18	20.07	20.12				
5	HQAM	25	0	20.01	20.26	20.15			21.5	2
5	HQAM	25	8	20.08	20.26	20.15				
5	HQAM	12	19	21.05	21.15	20.09			21.5	2
5	HQAM	1	24	21.32	21.34	20.08				
5	HQAM	12	7	20.28	20.29	20.08			20.5	3
5	HQAM	12	7	20.21	20.17	20.08				
5	HQAM	12	13	20.08	20.31	20.02				
5	HQAM	12	19	20.08	20.31	20.02				
5	SSBGM	1	0	17.02	17.04	16.89			18.5	5
5	SSBGM	1	12	17.04	17.06	16.89				
5	SSBGM	1	24	17.04	17.06	16.89				
5	SSBGM	12	0	16.84	17.02	17.13			18.5	5
5	SSBGM	12	7	17.01	17.03	17.13				
5	SSBGM	12	13	17.01	17.03	17.14				
5	SSBGM	25	0	16.85	17.14	16.97	Turn-up time (min)	MPE (dB)		
Channel				18651 <th>18800</th> <th>19085<th></th><th></th><th></th><th></th></th>	18800	19085 <th></th> <th></th> <th></th> <th></th>				
3	QPSK	1	0	21.99	21.91	21.25			23.5	0
3	QPSK	1	8	22.05	22.08	22.21				
3	QPSK	1	16	22.05	22.08	22.21				
3	QPSK	8	0	21.03	21.11	20.59			22.5	1
3	QPSK	8	7	21.03	21.07	20.59				
3	QPSK	8	15	21.03	21.07	20.59				
3	HQAM	1	0	21.66	21.91	21.16			22.5	1
3	HQAM	1	8	21.66	21.91	21.16				
3	HQAM	1	16	21.64	21.73	21.49				
3	HQAM	8	0	20.07	20.31	20.23			21.5	2
3	HQAM	8	7	20.15	20.09	20.31				
3	HQAM	8	15	20.15	20.09	20.31				
3	HQAM	15	0	21.40	21.41	21.48			21.5	3
3	HQAM	15	7	21.37	21.41	21.48				
3	HQAM	15	14	21.31	21.21	20.78				
3	HQAM	8	16	20.14	20.21	20.06			20.5	3
3	HQAM	8	7	20.13	20.29	20.10				
3	HQAM	15	0	19.99	20.32	20.04			18.5	5
3	HQAM	15	7	19.99	20.32	20.04				
3	HQAM	15	14	17.04	17.07	17.08				
3	HQAM	1	16	21.71	17.08	17.08				
3	HQAM	8	16	16.95	16.87	16.91			18.5	5
3	SSBGM	1	0	16.87	17.02	17.02				
3	SSBGM	15	0	16.98	17.10	17.03	Turn-up time (min)	MPE (dB)		
Channel				18657	18800	19193 <th></th> <th></th> <th></th> <th></th>				
1.4	QPSK	1	0	22.25	22.30	22.32			23.5	0
1.4	QPSK	1	3	22.31	22.32	22.32				
1.4	QPSK	1	6	22.36	22.37	22.28				
1.4	QPSK	1	9	22.36	22.36	22.28				
1.4	QPSK	3	0	21.27	22.30	22.28			22.5	1
1.4	QPSK	3	3	21.27	22.30	22.28				
1.4	QPSK	3	6	21.30	21.30	21.31			22.5	1
1.4	HQAM	1	0	21.66	21.70	21.40				
1.4	HQAM	1	3	21.68	21.69	21.40				
1.4	HQAM	1	6	21.52	21.61	21.49			22.5	1
1.4	HQAM	1	9	21.47	21.60	21.42				
1.4	HQAM	3	0	21.42	21.52	21.38			21.5	2
1.4	HQAM	3	3	21.42	20.44	20.36				
1.4	HQAM	3	6	20.48	20.48	20.36				
1.4	HQAM	3	9	20.47	20.60	20.33			21.5	2
1.4	HQAM	3	12	20.47	20.60	20.33				
1.4	HQAM	3	15	20.44	20.60	20.40				
1.4	HQAM	3	18	20.41	20.61	20.40			20.5	3
1.4	HQAM	3	21	20.38	20.44	20.35				
1.4	SSBGM	1	0	17.32	17.32	17.38			18.5	5
1.4	SSBGM	1								

Band 2_Ant 2(5NDC)										
RF/MHz	Modulation	RB Size	PRB Offset	Power/Freq CH 1 / Freq	Power/Freq CH 2 / Freq	Power/Freq CH 3 / Freq	Power/Freq CH 4 / Freq	Turnup time (s)	MPE (dB)	
Channel				18700	18800	18900	19000			
20	QPSK	1	0	22.80	22.80	22.80	22.80	23.5	0	
20	QPSK	1	49	22.80	22.80	22.77				
20	QPSK	1	99	22.83	22.88	22.74				
20	QPSK	1	149	21.50	21.50	21.50				
20	QPSK	50	24	21.53	21.50	21.50		22.5	1	
20	QPSK	50	74	21.78	21.90	21.80				
20	QPSK	50	124	21.88	21.98	21.88				
20	HQPSK	1	0	21.93	22.00	21.90		22.5	1	
20	HQPSK	1	49	21.93	21.93	21.93				
20	HQPSK	1	99	21.97	21.95	21.92				
20	HQPSK	50	0	20.65	21.08	20.94				
20	HQPSK	50	49	20.65	21.08	20.94				
20	HQPSK	50	99	21.01	21.03	20.91		21.5	2	
20	HQPSK	100	0	20.95	21.05	20.95				
20	HQPSK	100	49	20.95	21.05	20.95				
20	HQPSK	1	49	20.98	21.02	21.00		21.5	2	
20	HQPSK	1	99	20.91	21.00	20.98				
20	HQPSK	50	24	19.92	20.00	19.94		20.5	3	
20	HQPSK	50	74	19.96	20.05	19.90				
20	HQPSK	100	0	19.85	19.95	19.85				
20	HQPSK	100	49	19.87	19.98	19.78		18.5		
20	HQPSK	1	99	18.07	18.12	17.97				
20	HQPSK	50	0	18.03	18.05	17.91				
20	HQPSK	50	49	18.03	18.05	17.91				
20	HQPSK	50	99	17.99	18.11	17.93				
20	HQPSK	100	0	18.01	18.06	17.86		Turnup time (s)	MPE (dB)	
Channel				18975	18980	19000	19005			
15	QPSK	1	0	22.74	22.88	22.83		23.5	0	
15	QPSK	1	49	22.82	22.82	22.82				
15	QPSK	1	99	22.82	22.82	22.82				
15	QPSK	1	14	22.81	22.84	22.84				
15	QPSK	36	0	21.89	21.91	21.81		22.5	1	
15	QPSK	36	36	21.88	21.88	21.87				
15	QPSK	36	72	21.84	21.81	21.72				
15	QPSK	72	0	21.77	21.83	21.72				
15	QPSK	72	36	21.79	21.79	21.79				
15	HQPSK	1	37	21.85	21.86	21.71		22.5	1	
15	HQPSK	36	72	21.73	21.80	21.71				
15	HQPSK	36	108	20.87	21.05	20.79		21.5	2	
15	HQPSK	36	20	20.68	20.90	20.84				
15	HQPSK	72	0	20.82	20.85	20.73				
15	HQPSK	72	0	20.84	20.95	20.89				
15	HQPSK	1	0	20.88	20.95	20.87		21.5	2	
15	HQPSK	1	37	20.88	20.95	20.87				
15	HQPSK	36	0	19.80	19.98	19.91		20.5	3	
15	HQPSK	36	36	19.85	19.88	19.85				
15	HQPSK	36	72	19.83	19.96	19.84				
15	HQPSK	72	0	19.06	19.17	18.99		18.5		
15	HQPSK	72	0	19.06	19.05	19.05				
15	HQPSK	1	37	18.00	18.02	17.93		18.5	5	
15	HQPSK	36	0	18.03	18.05	17.91				
15	HQPSK	36	36	17.98	17.99	17.90				
15	HQPSK	36	72	17.99	18.00	17.90		18.5	5	
15	HQPSK	36	20	17.89	18.09	17.85				
15	HQPSK	72	0	17.88	17.98	17.82				
15	HQPSK	72	0	17.96	18.01	17.86				
Channel				18950	18955	18975	18980	Turnup time (s)	MPE (dB)	
10	QPSK	1	0	22.74	22.79	22.75		23.5	0	
10	QPSK	1	25	22.79	22.78	22.75				
10	QPSK	1	50	22.82	22.82	22.82				
10	QPSK	25	0	21.79	21.85	21.77		22.5	1	
10	QPSK	25	12	21.87	21.82	21.87				
10	QPSK	25	25	21.82	21.82	21.82				
10	QPSK	50	0	21.76	21.83	21.76		22.5	1	
10	HQPSK	1	0	21.78	21.90	21.80				
10	HQPSK	1	25	21.78	21.77	21.78		22.5	1	
10	HQPSK	1	49	21.78	21.93	21.87				
10	HQPSK	25	0	20.87	20.95	20.87		21.5	2	
10	HQPSK	25	12	20.88	20.94	20.88				
10	HQPSK	25	25	20.88	20.91	20.84				
10	HQPSK	50	0	20.82	20.84	20.83		21.5	2	
10	HQPSK	50	1	20.82	20.93	20.83				
10	HQPSK	1	25	20.87	20.89	20.80		21.5	2	
10	HQPSK	1	49	20.87	20.88	20.82				
10	HQPSK	25	0	19.80	19.93	19.85		20.5	3	
10	HQPSK	25	12	19.87	19.99	19.86				
10	HQPSK	25	25	19.87	19.90	19.83				
10	HQPSK	50	0	19.72	19.95	19.74		18.5		
10	HQPSK	1	0	17.83	17.99	17.80				
10	HQPSK	1	25	17.82	18.07	17.82		18.5		
10	HQPSK	1	49	17.87	17.97	17.86				
10	HQPSK	25	0	17.86	18.05	17.86		18.5	5	
10	HQPSK	25	12	17.86	18.03	17.85				
10	HQPSK	25	25	17.84	18.06	17.87				
10	HQPSK	50	0	17.84	18.06	17.87				
Channel				18925	18930	18950	18955	Turnup time (s)	MPE (dB)	
5	QPSK	1	0	22.75	22.80	22.84		23.5	0	
5	QPSK	1	25	22.75	22.74	22.74				
5	QPSK	1	49	22.78	22.78	22.78				
5	QPSK	1	74	21.50	21.50	21.50				
5	QPSK	12	7	21.83	21.95	21.81		22.5	1	
5	QPSK	12	13	21.76	21.78	21.76				
5	HQPSK	1	0	21.80	21.90	21.80		22.5	1	
5	HQPSK	1	25	21.80	21.80	21.80				
5	HQPSK	12	0	20.86	20.95	20.89		21.5	2	
5	HQPSK	12	13	20.88	20.88	20.79				
5	HQPSK	12	25	21.00	21.00	21.00		21.5	2	
5	HQPSK	25	0	20.84	21.04	20.83				
5	HQPSK	25	13	20.84	20.95	20.83				
5	HQPSK	1	12	20.85	20.94	20.81		21.5	2	
5	HQPSK	1	24	20.78	20.98	20.83				
5	HQPSK	12	0	19.80	19.97	19.83		20.5	3	
5	HQPSK	12	7	19.89	20.00	19.85				
5	HQPSK	12	13	19.95	19.94	19.90				
5	HQPSK	12	25	19.95	19.95	19.95				
5	HQPSK	25	0	18.03	18.00	17.82		18.5		
5	HQPSK	1	12	17.87	18.13	17.88				
5	HQPSK	1	24	17.86	18.05	17.86				
5	HQPSK	12	0	17.86	17.96	17.86		18.5		
5	HQPSK	12	13	17.86	18.05	17.85				
5	HQPSK	12	25	17.95	18.06	17.95				
Channel				18915	18920	18935	18940	Turnup time (s)	MPE (dB)	
3	QPSK	1	0	22.76	22.88	22.82		23.5	0	
3	QPSK	1	25	22.77	22.72	22.84				
3	QPSK	1	49	22.83	22.83	22.83				
3	QPSK	8	0	21.77	21.76	21.75		22.5	1	
3	QPSK	8	7	21.74	21.83	21.69				
3	QPSK	15	0	21.86	21.88	21.83		22.5	1	
3	HQPSK	1	0	21.78	21.77	21.67				
3	HQPSK	1	14	21.83	21.80	21.80		21.5	2	
3	HQPSK	8	0	20.87	20.95	20.82		21.5	2	
3	HQPSK	8	7	20.89	20.91	20.80				
3	HQPSK	15	0	20.90	20.97	20.83		21.5	2	
3	HQPSK	1	0	20.89	20.89	20.75				
3	HQPSK	1	14	20.85	21.02	20.87		21.5	2	
3	HQPSK	8	0	19.88	19.86	19.83		20.5	3	
3	HQPSK	8	7	19.87	19.90	19.85				
3	HQPSK	8	7	19.95	19.90	19.86				
3	HQPSK	15	0	18.77	19.95	18.81		18.5		
3	HQPSK	1	14	17.92	18.10	17.92		18.5	5	
3	HQPSK	1	14	17.92	17.99	17.83				
3	HQPSK	1	14	17.98	18.02	17.88				
3	HQPSK	8	0	17.82	18.02	17.82		18.5	5	
3	HQPSK	8	7	17.82	18.00	17.87				
3	HQPSK	15	0	17.86	18.00	17.86				
Channel				18907	18910	18933	18935	Turnup time (s)	MPE (dB)	
1.4	QPSK	1	0	22.93	22.83	22.82		23.5	0	
1.4	QPSK	1	3	22.78	22.83	22.69				
1.4	QPSK	1	6	22.80	22.86	22.71				
1.4	QPSK	1	9	21.83	21.83	21.83		22.5	0	
1.4	QPSK	3	1	21.69	21.76	22.75				
1.4	QPSK	3	4	21.73	21.76	22.75				
1.4	QPSK	6	0	21.75	21.87	21.75		22.5	1	
1.4	HQPSK	1	0	21.92	21.89	21.85				
1.4	HQPSK	1	3	21.92	21.85	21.81		22.5	1	
1.4	HQPSK	3	0	21.88	21.75	21.71				
1.4	HQPSK	3	3	21.88	21.77	21.73				
1.4	HQPSK	3	6	21.87	21.74	21.71		21.5	2	
1.4	HQPSK	6	0	20.93	20.97	20.95		21.5	2	
1.4	HQPSK	6	3	20.98	20.95	20.95				
1.4	HQPSK	6	6	20.77	20.95	20.75		21.5	2	
1.4	HQPSK	3	9	20.77	20.95	20.75				

Band 4_Ant 0											
RF (MHz)	Modulation	RB Size	RF Offset	Power Level (Ch / Freq)	Power Level (Ch / Freq)	Power Level (Ch / Freq)	Time-avg. (dBm)	MPE (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	22.00	22.00	22.00					
20	QPSK	1	49	22.22	22.24	22.22			23.5	0	
20	QPSK	1	99	22.21	22.17	22.22					
20	QPSK	50	0	21.25	21.25	21.25			22.5	1	
20	QPSK	50	50	21.29	21.28	21.30					
20	QPSK	50	100	21.30	21.29	21.30					
20	16QAM	1	0	21.66	21.31	21.61			22.5	1	
20	16QAM	1	49	21.65	21.30	21.61					
20	16QAM	1	99	21.50	21.15	21.50					
20	16QAM	50	0	20.77	20.15	20.77					
20	16QAM	50	50	20.78	20.16	20.78			21.5	2	
20	16QAM	50	100	20.67	20.16	20.68					
20	16QAM	50	150	20.67	20.16	20.68					
20	16QAM	1	0	21.23	21.31	21.23			21.5	2	
20	16QAM	1	49	21.23	21.31	20.20					
20	16QAM	1	99	21.09	20.11	20.20					
20	16QAM	50	0	20.92	20.20	20.92					
20	16QAM	50	50	20.92	20.20	20.92					
20	16QAM	50	100	20.92	20.20	20.92			20.5	3	
20	16QAM	50	150	20.92	20.20	20.92					
20	25GSM	1	0	17.14	17.19	17.16			18.5		
20	25GSM	1	49	17.15	17.20	17.15					
20	25GSM	1	99	17.10	17.20	17.10					
20	25GSM	50	0	17.04	17.17	17.18					
20	25GSM	50	50	17.05	17.05	17.02					
20	25GSM	50	100	17.06	17.04	17.09					
20	25GSM	50	150	17.19	17.22	17.16					
Channel											
Frequency (MHz)											
15	QPSK	1	0	22.00	22.00	22.00					
15	QPSK	1	49	22.22	22.24	22.22			23.5	0	
15	QPSK	1	99	22.21	22.17	22.22					
15	QPSK	36	0	21.13	21.00	21.02			22.5	1	
15	QPSK	36	36	21.08	20.98	21.04					
15	QPSK	36	72	21.08	20.98	21.04					
15	QPSK	72	0	21.19	21.04	21.05					
15	QPSK	72	36	21.20	21.30	21.27			22.5	1	
15	16QAM	1	0	21.37	21.52	21.58					
15	16QAM	1	49	21.40	21.55	21.57					
15	16QAM	36	72	20.91	20.98	20.97			21.5	2	
15	16QAM	36	108	20.97	20.92	20.92					
15	16QAM	72	0	20.00	20.18	20.18					
15	16QAM	1	0	21.22	21.30	20.20			21.5	2	
15	16QAM	1	49	21.22	21.30	20.20					
15	16QAM	36	0	20.03	20.08	20.13					
15	16QAM	36	36	20.03	20.08	20.13			20.5	3	
15	16QAM	36	72	20.03	20.08	20.13					
15	16QAM	36	108	20.03	20.08	20.13					
15	25GSM	1	0	17.02	17.15	17.02			18.5	5	
15	25GSM	1	49	17.03	17.06	17.01					
15	25GSM	36	0	16.99	17.04	16.96					
15	25GSM	36	36	17.04	17.06	16.93			18.5	5	
15	25GSM	36	72	17.05	17.02	16.97					
15	25GSM	36	108	17.06	17.02	16.97					
15	25GSM	72	0	17.19	17.11	17.00					
Channel											
Frequency (MHz)											
10	QPSK	1	0	22.00	22.04	22.08			23.5	0	
10	QPSK	1	25	21.88	22.02	21.98					
10	QPSK	1	50	21.83	22.02	21.83					
10	QPSK	25	0	21.01	21.00	21.01			22.5	1	
10	QPSK	25	12	21.04	21.07	21.21					
10	QPSK	25	25	21.03	21.09	21.23					
10	QPSK	50	0	21.04	20.93	21.05					
10	16QAM	1	0	21.58	21.13	21.47			22.5	1	
10	16QAM	1	25	21.58	21.13	21.47					
10	16QAM	25	0	20.07	20.07	20.07			21.5	2	
10	16QAM	25	12	20.07	20.01	20.07					
10	16QAM	25	25	19.97	20.15	20.22					
10	16QAM	50	0	20.00	20.00	20.00					
10	16QAM	1	0	21.10	21.34	21.04			21.5	2	
10	16QAM	1	25	21.38	21.45	20.89					
10	16QAM	25	0	21.12	21.12	21.12					
10	16QAM	25	12	19.99	20.19	20.14					
10	16QAM	25	25	20.08	20.08	20.09					
10	16QAM	50	0	20.04	20.04	20.04			20.5	3	
10	16QAM	50	0	20.19	20.04	20.19					
10	25GSM	1	0	16.94	17.11	16.98			18.5		
10	25GSM	1	25	16.94	17.09	16.94					
10	25GSM	1	50	16.99	17.12	17.02					
10	25GSM	25	0	16.96	16.96	16.96					
10	25GSM	25	12	16.99	16.99	16.99					
10	25GSM	25	25	16.87	17.02	16.97			18.5	5	
10	25GSM	50	0	17.02	17.02	17.02					
Channel											
Frequency (MHz)											
5	QPSK	1	0	21.94	22.11	22.09			23.5	0	
5	QPSK	1	12	21.96	22.18	22.06					
5	QPSK	1	24	21.91	22.00	22.00					
5	QPSK	12	0	21.01	21.01	21.01			22.5	1	
5	QPSK	12	12	21.00	21.01	21.07					
5	QPSK	12	24	20.94	21.06	21.07					
5	16QAM	1	0	21.47	21.12	21.49			22.5	1	
5	16QAM	1	12	21.48	21.48	21.58					
5	16QAM	12	0	20.71	20.71	20.71			21.5	2	
5	16QAM	12	0	20.12	19.98	19.93					
5	16QAM	12	12	20.11	19.98	20.04					
5	16QAM	12	24	20.03	20.03	20.03					
5	16QAM	24	0	19.87	19.99	20.03					
5	16QAM	24	12	19.87	19.99	20.03			21.5	2	
5	16QAM	1	0	21.30	21.44	20.92					
5	16QAM	1	24	21.08	21.17	20.96					
5	16QAM	12	0	20.13	20.13	20.13			20.5	3	
5	16QAM	12	7	20.12	19.94	20.10					
5	16QAM	12	15	20.02	20.04	20.06					
5	16QAM	12	23	19.92	19.92	19.92					
5	16QAM	1	0	16.98	17.00	16.96			18.5	5	
5	25GSM	12	0	16.98	17.21	17.04					
5	25GSM	12	12	16.98	17.01	16.98					
5	25GSM	12	24	16.98	17.02	17.11					
5	25GSM	24	0	17.02	17.02	17.02			18.5		
5	25GSM	24	12	16.98	17.02	17.03					
5	25GSM	25	0	17.08	17.05	17.06					
Channel											
Frequency (MHz)											
3	QPSK	1	0	22.00	22.00	22.00			23.5	0	
3	QPSK	1	49	22.22	22.24	22.22					
3	QPSK	1	99	22.21	22.17	22.22					
3	QPSK	8	0	21.03	21.07	21.08			22.5	1	
3	QPSK	8	49	21.02	21.07	21.07					
3	QPSK	8	97	21.12	21.06	21.07					
3	QPSK	15	0	21.14	21.09	21.04					
3	16QAM	1	0	21.21	21.31	21.21			22.5	1	
3	16QAM	1	8	21.50	21.62	21.57					
3	16QAM	1	14	21.36	20.61	21.37					
3	16QAM	8	0	20.93	20.93	20.93			21.5	2	
3	16QAM	8	4	20.15	20.08	20.93					
3	16QAM	15	0	19.87	19.95	20.13					
3	16QAM	15	8	19.88	19.95	20.13					
3	16QAM	1	0	21.19	21.33	21.01			21.5	2	
3	16QAM	1	14	21.19	21.33	20.91					
3	16QAM	8	0	19.99	20.15	20.99					
3	16QAM	8	4	19.99	20.15	20.99			20.5	3	
3	16QAM	15	0	17.00	17.01	17.01					
3	16QAM	15	8	16.84	17.24	16.94			18.5	5	
3	25GSM	14	0	17.06	17.06	17.04					
3	25GSM	14	8	16.98	17.10	16.98					
3	25GSM	14	16	16.88	16.87	16.93			18.5	5	
3	25GSM	15	0	16.97	16.97	16.97					
3	25GSM	15	0	17.02	17.19	17.19					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	22.25	22.21	22.29			23.5	0	
1.4	QPSK	1	3	22.22	22.23	22.23					
1.4	QPSK	1	6	22.19	22.27	22.24					
1.4	QPSK	1	9	22.18	22.27	22.27					
1.4	QPSK	1	12	22.24	22.27	22.23			22.5	1	
1.4	QPSK	1	15	22.27	22.27	22.23					
1.4	QPSK	1	18	22.27	22.27	22.23					
1.4	16QAM	1	0	21.23	21.29	21.29			22.5	1	
1.4	16QAM	1	0	21.56	21.54	21.58					
1.4	16QAM	1	3	21.62	21.61	21.61					
1.4	16QAM	1	6	21.63	21.60	21.64			22.5</		

Band 5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Ch. Freq. (MHz)	Power Ch. Freq. (MHz)	Power Ch. Freq. (MHz)	Power Ch. Freq. (MHz)	Time-slot (ms)	MPE (dB)	
Channel										
Frequency (MHz)				829	836.5	844				
18	QPSK	1	0	18.62	18.62	18.62	18.62			
18	QPSK	1	26	21.63	21.78	21.64		23	0	
18	QPSK	1	49	21.56	21.69	21.53				
18	QPSK	8	0	20.61	20.78	20.70				
18	QPSK	26	12	20.29	20.08	20.77		22	1	
18	QPSK	25	26	20.67	20.86	20.77				
18	QPSK	80	0	20.71	20.90	20.72				
18	16QAM	1	0	21.31	21.42	21.39				
18	16QAM	1	49	20.70	20.97	20.94				
18	16QAM	25	0	18.64	19.78	19.70				
18	16QAM	25	12	18.62	19.62	19.86				
18	16QAM	25	26	19.71	19.82	19.83		21	2	
18	16QAM	50	0	19.72	19.81	19.74				
18	16QAM	1	26	19.72	19.81	19.74				
18	16QAM	1	26	19.79	19.88	19.86		21	2	
18	16QAM	1	49	18.68	19.62	19.88				
18	16QAM	12	12	18.67	18.67	18.67				
18	16QAM	25	12	18.78	19.78	19.78		20	3	
18	16QAM	25	12	18.78	19.78	19.78				
18	16QAM	66	26	18.78	19.78	18.71				
18	16QAM	60	0	18.78	19.78	18.78				
18	256QAM	1	0	18.71	18.72	18.74				
18	256QAM	1	26	18.67	18.67	18.67		18		
18	256QAM	1	49	18.59	18.74	18.74				
18	256QAM	25	0	18.70	18.70	18.88				
18	256QAM	25	26	18.67	18.67	18.67				
18	256QAM	25	26	18.66	18.65	18.71		18		
18	256QAM	50	0	18.64	18.61	18.71				
Channel										
Frequency (MHz)				828.5	836.5	846.5		Time-slot (ms)	MPE (dB)	
5	QPSK	1	0	21.63	21.65	21.65				
5	QPSK	1	26	21.62	21.71	21.63				
5	QPSK	1	24	21.52	21.67	21.39				
5	QPSK	12	0	20.61	20.71	20.67				
5	QPSK	1	26	20.61	20.60	20.72				
5	QPSK	12	13	20.32	20.08	20.57		22	1	
5	QPSK	29	0	20.30	20.70	20.70				
5	16QAM	1	26	20.30	20.28	21.29				
5	16QAM	1	12	20.70	20.84	20.78		22	1	
5	16QAM	1	24	20.67	20.77	20.67				
5	16QAM	12	0	19.49	19.65	19.59				
5	16QAM	12	17	18.54	19.79	19.82		21	2	
5	16QAM	1	13	19.48	19.78	19.82				
5	16QAM	25	0	19.69	19.81	19.56				
5	16QAM	1	0	19.68	19.66	19.69				
5	16QAM	1	1	19.62	19.63	19.68		21	2	
5	16QAM	1	24	18.63	19.48	19.86				
5	16QAM	12	0	18.64	18.76	18.60				
5	16QAM	12	7	18.67	18.67	18.67		20	3	
5	16QAM	12	13	18.64	18.65	18.60				
5	16QAM	25	0	18.67	18.68	18.65				
5	256QAM	1	0	18.64	18.63	18.66				
5	256QAM	1	12	18.40	18.60	18.64		18	5	
5	256QAM	1	24	18.60	18.61	18.63				
5	256QAM	12	7	18.60	18.50	18.65				
5	256QAM	12	7	18.62	18.63	18.63		18	5	
5	256QAM	12	13	18.60	18.73	18.66				
5	256QAM	25	0	18.61	18.61	18.61				
Channel										
Frequency (MHz)				843.5	851.5	861.3		Time-slot (ms)	MPE (dB)	
3	QPSK	1	0	21.50	21.58	21.79				
3	QPSK	1	8	21.43	21.66	21.54		23	0	
3	QPSK	1	8	21.52	21.67	21.63				
3	QPSK	8	0	20.47	20.65	20.68				
3	QPSK	8	0	20.62	20.63	20.72		22	1	
3	QPSK	1	26	20.79	20.73	20.72				
3	QPSK	15	0	20.67	20.73	20.78				
3	16QAM	1	0	20.95	21.33	21.31				
3	16QAM	1	13	20.67	20.67	20.67		22	1	
3	16QAM	1	14	20.62	20.67	20.73				
3	16QAM	8	0	19.54	19.69	19.62		21	2	
3	16QAM	8	0	19.62	19.78	19.82				
3	16QAM	1	14	19.70	19.54	19.58				
3	16QAM	1	8	19.78	19.72	19.60		21	2	
3	16QAM	16	0	19.62	19.77	19.74				
3	16QAM	8	0	18.64	18.69	18.61				
3	16QAM	8	0	18.60	18.69	18.76		20	3	
3	16QAM	8	7	18.60	18.66	18.67				
3	16QAM	15	0	18.64	18.63	18.63				
3	256QAM	1	0	18.71	18.60	18.64				
3	256QAM	1	24	18.67	18.61	18.63		18	5	
3	256QAM	1	14	18.58	18.66	18.63				
3	256QAM	8	0	18.62	18.67	18.67				
3	256QAM	8	0	18.57	18.47	18.55		18	5	
3	256QAM	6	7	18.48	18.79	18.63				
3	256QAM	15	0	18.47	18.68	18.65				
Channel										
Frequency (MHz)				844.7	851.5	861.3		Time-slot (ms)	MPE (dB)	
1.4	QPSK	1	0	21.72	21.63	21.64				
1.4	QPSK	1	0	21.73	21.67	21.63				
1.4	QPSK	1	5	21.60	21.67	21.62		23	0	
1.4	QPSK	3	1	21.72	21.69	21.64				
1.4	QPSK	3	1	21.78	21.70	21.67				
1.4	QPSK	6	0	20.77	20.83	20.67		22	1	
1.4	16QAM	1	0	21.04	20.98	20.93				
1.4	16QAM	1	3	21.00	21.10	21.07				
1.4	16QAM	3	0	21.02	21.02	21.04				
1.4	16QAM	3	0	20.80	20.80	20.78		22	1	
1.4	16QAM	3	1	20.86	20.80	20.77				
1.4	16QAM	3	3	20.94	20.74	20.74				
1.4	16QAM	6	0	19.82	19.83	19.74		21	2	
1.4	16QAM	6	0	19.82	19.83	19.91				
1.4	16QAM	3	3	19.90	19.83	20.00				
1.4	16QAM	1	5	19.72	19.94	19.92		21	2	
1.4	16QAM	3	3	19.92	19.83	19.73				
1.4	16QAM	3	1	19.92	19.84	19.81				
1.4	16QAM	3	3	19.87	19.82	19.76				
1.4	16QAM	6	0	18.79	18.74	18.73		20	3	
1.4	256QAM	1	0	18.70	18.64	18.54				
1.4	256QAM	1	3	18.67	18.73	18.72				
1.4	256QAM	1	6	18.60	18.60	18.66		18	5	
1.4	256QAM	1	15	18.60	18.73	18.71				
1.4	256QAM	3	0	18.54	18.78	18.61				
1.4	256QAM	6	0	18.61	18.78	18.63		18	5	

Band 7_Ant 2														
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.09	22.09	22.09	23.5	0						
20	QPSK	1	49	22.06	22.07	22.25								
20	QPSK	1	99	22.09	22.07	22.22								
20	QPSK	50	0	21.57	21.63	21.58								
20	QPSK	24	0	21.54	21.63	21.51								
20	QPSK	50	50	21.56	21.63	21.49	22.5	1						
20	HQAM	1	0	21.59	21.59	22.07								
20	HQAM	1	49	21.77	22.23	21.86								
20	HQAM	1	99	21.85	21.91	21.53								
20	HQAM	50	0	20.64	20.75	20.59								
20	HQAM	50	24	20.74	20.96	20.54	21.5	2						
20	HQAM	50	50	20.68	20.85	20.48								
20	HQAM	100	0	20.62	20.85	20.51								
20	HQAM	1	0	20.40	20.69	21.21								
20	HQAM	1	49	21.10	21.25	21.52								
20	HQAM	1	99	20.42	20.50	20.33	20.5	3						
20	HQAM	50	0	19.62	19.72	19.85								
20	HQAM	50	24	19.56	19.74	19.63								
20	HQAM	50	50	19.59	19.67	19.58								
20	HQAM	100	0	19.68	19.67	19.80								
20	SSBQAM	1	0	17.51	17.62	17.58	18.5	5						
20	SSBQAM	1	49	17.48	17.74	17.83								
20	SSBQAM	1	99	17.60	17.62	17.47								
20	SSBQAM	50	0	17.62	17.69	17.43								
20	SSBQAM	50	24	17.55	17.63	17.49								
20	SSBQAM	100	0	17.62	17.71	17.49	18.5	5						
20	SSBQAM	1	0	20.62	21.00	21.73								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.09	22.44	21.99	23.5	0						
15	QPSK	1	37	22.50	22.28	22.42								
15	QPSK	1	74	22.55	22.47	22.52								
15	QPSK	36	0	21.60	21.66	21.54								
15	QPSK	36	20	21.58	21.52	21.42								
15	QPSK	36	39	21.49	21.42	21.47	22.5	1						
15	QPSK	75	0	21.38	21.41	21.41								
15	HQAM	1	0	21.75	21.90	21.82								
15	HQAM	1	37	21.68	22.16	21.86								
15	HQAM	1	74	21.78	21.77	21.36								
15	HQAM	36	0	20.49	20.74	20.59	21.5	2						
15	HQAM	36	20	20.62	20.59	20.43								
15	HQAM	36	39	20.68	20.80	20.37								
15	HQAM	75	0	20.58	20.59	20.41								
15	HQAM	75	0	20.36	20.59	21.06								
15	HQAM	1	37	21.67	20.70	20.53	21.5	2						
15	HQAM	74	0	20.42	20.75	20.15								
15	HQAM	36	0	19.50	19.56	19.45								
15	HQAM	36	20	19.41	19.74	19.40								
15	HQAM	36	39	19.45	19.62	19.39								
15	SSBQAM	1	0	17.58	17.59	17.43	18.5	5						
15	SSBQAM	1	37	17.62	17.65	17.50								
15	SSBQAM	1	74	17.57	17.45	17.44								
15	SSBQAM	36	0	17.62	17.52	17.43								
15	SSBQAM	36	20	17.54	17.41	17.20								
15	SSBQAM	36	39	17.37	17.45	17.38	18.5	5						
15	SSBQAM	75	0	17.62	17.68	17.56								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.47	22.30	22.10	23.5	0						
10	QPSK	1	49	22.43	22.47	22.42								
10	QPSK	1	49	22.58	22.60	22.10								
10	QPSK	25	0	21.50	21.53	21.41								
10	QPSK	12	0	21.38	21.44	21.40								
10	QPSK	25	25	21.47	21.59	21.43	22.5	1						
10	QPSK	50	0	21.43	21.59	21.53								
10	HQAM	1	0	21.45	21.77	21.87								
10	HQAM	1	25	21.73	22.28	21.86								
10	HQAM	1	49	21.73	22.16	21.86								
10	HQAM	36	0	20.59	20.59	20.31	21.5	2						
10	HQAM	36	12	20.70	20.57	20.41								
10	HQAM	36	25	20.51	20.55	20.38								
10	HQAM	50	0	20.48	20.52	20.37								
10	HQAM	1	0	20.33	20.48	21.19								
10	HQAM	1	25	21.98	20.59	20.45	21.5	2						
10	HQAM	1	49	20.28	20.62	20.21								
10	HQAM	25	12	19.43	19.63	19.49								
10	HQAM	25	25	19.61	19.67	19.52								
10	HQAM	25	25	19.61	19.67	19.52								
10	SSBQAM	1	0	17.50	17.59	17.43	18.5	5						
10	SSBQAM	1	0	17.51	17.53	17.42								
10	SSBQAM	1	25	17.29	17.54	17.47								
10	SSBQAM	1	49	17.43	17.40	17.30								
10	SSBQAM	25	0	17.51	17.59	17.36								
10	SSBQAM	25	12	17.50	17.54	17.33	18.5	5						
10	SSBQAM	25	25	17.43	17.52	17.36								
10	SSBQAM	50	0	17.40	17.61	17.31								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.41	22.40	22.10	23.5	0						
5	QPSK	1	12	22.50	22.29	22.44								
5	QPSK	1	24	22.43	22.54	22.16								
5	QPSK	12	0	21.53	21.62	21.46								
5	QPSK	12	7	21.46	21.47	21.55								
5	QPSK	12	13	21.49	21.45	21.48	22.5	1						
5	QPSK	25	0	21.48	21.59	21.51								
5	HQAM	1	0	21.75	21.90	21.89								
5	HQAM	1	12	21.69	22.22	21.76								
5	HQAM	1	24	21.82	21.28	21.39								
5	HQAM	36	0	20.60	20.64	20.43	21.5	2						
5	HQAM	12	7	20.59	20.59	20.54								
5	HQAM	12	13	20.59	20.61	20.33								
5	HQAM	36	0	20.50	20.47	20.40								
5	HQAM	1	0	20.20	20.55	21.15								
5	HQAM	1	12	20.60	20.73	20.45	21.5	2						
5	HQAM	1	24	20.38	20.68	20.32								
5	HQAM	12	0	19.59	19.66	19.50								
5	HQAM	12	7	19.39	19.64	19.46								
5	HQAM	12	13	19.61	19.60	19.55								
5	SSBQAM	1	0	17.50	17.57	17.33	18.5	5						
5	SSBQAM	1	0	17.50	17.52	17.54								
5	SSBQAM	1	12	17.29	17.53	17.54								
5	SSBQAM	1	24	17.53	17.59	17.31								
5	SSBQAM	12	0	17.53	17.56	17.42								
5	SSBQAM	12	7	17.38	17.55	17.26	18.5	5						
5	SSBQAM	12	13	17.40	17.59	17.38								

Band 17_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turnup time (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.09	21.09	21.74	23	0		
15	QPSK	1	25	21.84	21.62	21.84				
15	QPSK	1	49	21.60	21.70	21.70				
15	QPSK	25	0	20.72	20.68	20.65				
15	QPSK	25	12	20.87	20.75	20.80	22	1		
15	QPSK	25	25	20.79	20.82	20.74				
15	QPSK	50	0	20.63	20.76	20.75				
15	HQAM	1	0	20.85	20.89	20.84	22	1		
15	HQAM	1	25	21.03	21.03	21.03				
15	HQAM	1	49	21.26	21.18	21.18				
15	HQAM	25	0	19.84	19.74	19.78	21	2		
15	HQAM	25	12	19.83	19.74	19.78				
15	HQAM	25	25	19.84	19.84	19.84				
15	HQAM	1	0	19.80	19.78	19.82	21	2		
15	HQAM	1	25	20.00	20.00	20.00				
15	HQAM	1	49	20.02	20.04	20.00				
15	HQAM	25	0	18.76	18.78	18.81	20	3		
15	HQAM	25	12	18.83	18.74	18.85				
15	HQAM	25	25	18.80	18.78	18.78				
15	HQAM	50	0	18.84	18.71	18.82				
15	HQAM	1	0	18.80	18.76	18.71	18	5		
15	HQAM	1	25	18.65	18.84	18.80				
15	HQAM	1	49	18.62	18.83	18.88				
15	HQAM	25	0	16.72	16.72	16.71	18	5		
15	HQAM	25	12	16.69	16.66	16.63				
15	HQAM	25	25	16.74	16.67	16.66				
15	HQAM	50	0	16.58	16.85	16.65				
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.60	21.60	21.63	23	0		
5	QPSK	1	12	21.67	21.67	21.60				
5	QPSK	1	24	21.60	21.52	21.63				
5	QPSK	12	0	20.83	20.83	20.84	22	1		
5	QPSK	12	7	20.87	20.80	20.87				
5	QPSK	12	13	20.84	20.78	20.81				
5	QPSK	25	0	20.54	20.63	20.68	22	1		
5	HQAM	1	0	20.85	20.83	20.82				
5	HQAM	1	12	20.70	21.48	21.07				
5	HQAM	1	24	21.19	20.99	21.04	21	2		
5	HQAM	12	0	19.63	19.67	19.66				
5	HQAM	12	7	19.60	19.60	19.70				
5	HQAM	12	13	19.69	19.76	19.47	21	2		
5	HQAM	25	0	19.84	19.88	19.72				
5	HQAM	1	0	19.86	19.80	19.47				
5	HQAM	1	12	19.89	20.00	20.02	20	3		
5	HQAM	1	24	19.88	20.07	19.80				
5	HQAM	12	0	18.68	18.68	18.66				
5	HQAM	12	7	18.58	18.64	18.71	18	5		
5	HQAM	12	13	18.72	18.62	18.61				
5	HQAM	25	0	18.70	18.63	18.70				
5	HQAM	1	0	18.68	18.72	18.78	18	5		
5	HQAM	1	12	18.50	18.84	18.53				
5	HQAM	1	24	18.58	18.75	18.55				
5	HQAM	12	0	16.60	16.62	16.54	16	5		
5	HQAM	12	7	16.53	16.75	16.58				
5	HQAM	12	13	16.68	16.67	16.61				
5	HQAM	25	0	16.52	16.75	16.63				

Band 25_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Turn-up time (min)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.10	22.48	22.34	23.5	0		
20	QPSK	1	49	22.34	22.43	22.23				
20	QPSK	1	99	22.28	22.35	22.16				
20	QPSK	50	0	21.49	21.48	21.31				
20	QPSK	50	24	21.51	21.52	21.35	22.5	1		
20	QPSK	100	0	21.48	21.51	21.41				
20	HQAM	1	0	21.26	21.42	21.53				
20	HQAM	1	49	21.61	21.54	21.82	22.5	1		
20	HQAM	1	99	21.51	21.55	21.48				
20	HQAM	50	0	20.25	20.19	20.25				
20	HQAM	50	24	20.29	20.25	20.25				
20	HQAM	100	0	20.22	20.22	20.26				
20	HQAM	100	50	20.24	20.27	20.26				
20	HQAM	1	0	20.46	20.34	20.39				
20	HQAM	1	49	20.19	20.29	20.25	21.5	2		
20	HQAM	1	99	20.05	19.97	19.70				
20	HQAM	50	0	19.29	19.21	19.23				
20	HQAM	50	24	19.36	19.32	19.27				
20	HQAM	100	0	19.24	19.35	19.22	20.5	3		
20	HQAM	100	50	19.28	19.21	19.33				
20	HQAM	1	49	17.00	17.27	17.27	18.5	5		
20	HQAM	1	99	17.08	17.01	17.16				
20	HQAM	25	0	16.84	17.14	17.27				
20	HQAM	25	24	16.97	17.10	17.26	18.5	5		
20	HQAM	50	0	16.87	17.06	17.27				
20	HQAM	100	0	16.97	17.06	17.27				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.00	22.10	22.10				
15	QPSK	1	24	22.21	22.21	22.22	23.5	0		
15	QPSK	1	74	22.08	22.15	22.21				
15	QPSK	1	99	21.97	21.97	21.91				
15	QPSK	25	0	21.18	21.29	21.39	22.5	1		
15	QPSK	25	24	21.21	21.26	21.31				
15	QPSK	25	24	21.14	21.18	21.29				
15	HQAM	1	0	21.37	21.27	21.27				
15	HQAM	1	24	21.25	21.62	21.62	22.5	1		
15	HQAM	1	74	21.26	21.31	21.30				
15	HQAM	25	0	20.20	20.21	20.22				
15	HQAM	25	24	20.35	20.35	20.18	21.5	2		
15	HQAM	50	0	20.34	20.38	20.40				
15	HQAM	75	0	20.24	20.26	20.23				
15	HQAM	100	0	20.41	20.35	20.42				
15	HQAM	1	27	20.22	20.61	20.29	21.5	2		
15	HQAM	1	74	19.39	19.34	19.23				
15	HQAM	36	0	19.25	19.27	19.26	20.5	3		
15	HQAM	50	0	19.32	19.32	19.18				
15	HQAM	75	0	17.09	17.18	17.47	18.5	5		
15	HQAM	100	0	17.06	17.12	17.24				
15	HQAM	1	74	17.18	17.16	17.20				
15	HQAM	36	0	17.04	17.13	17.24				
15	HQAM	50	0	17.05	17.15	17.24	18.5	5		
15	HQAM	75	0	17.25	17.25	17.26				
15	HQAM	100	0	16.94	17.02	17.42				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.00	22.08	22.27	23.5	0		
5	QPSK	1	24	22.21	22.21	22.22				
5	QPSK	1	49	22.08	22.13	22.18				
5	QPSK	25	0	21.28	21.28	21.21				
5	QPSK	25	24	21.21	21.26	21.31	22.5	1		
5	QPSK	25	24	21.14	21.18	21.29				
5	HQAM	1	0	21.37	21.27	21.27				
5	HQAM	1	24	21.25	21.62	21.62	22.5	1		
5	HQAM	1	74	21.26	21.31	21.30				
5	HQAM	25	0	20.20	20.21	20.22				
5	HQAM	25	24	20.35	20.35	20.18	21.5	2		
5	HQAM	50	0	20.34	20.38	20.40				
5	HQAM	75	0	20.24	20.26	20.23				
5	HQAM	100	0	20.41	20.35	20.42				
5	HQAM	1	27	20.22	20.61	20.29	21.5	2		
5	HQAM	1	74	19.39	19.34	19.23				
5	HQAM	36	0	19.25	19.27	19.26	20.5	3		
5	HQAM	50	0	19.30	19.39	19.31				
5	HQAM	75	0	17.05	17.27	17.27	18.5	5		
5	HQAM	100	0	17.04	17.40	17.33				
5	HQAM	1	49	17.13	17.14	17.24	18.5	5		
5	HQAM	1	99	17.08	17.09	17.27				
5	HQAM	25	0	16.96	17.20	17.37	18.5	5		
5	HQAM	25	24	17.21	17.27	17.27				
5	HQAM	50	0	16.97	17.06	17.27				
Channel										
Frequency (MHz)										
3	QPSK	1	0	21.83	21.94	21.93				
3	QPSK	1	8	21.88	22.15	22.16	23.5	0		
3	QPSK	1	16	21.94	22.08	22.10				
3	QPSK	1	24	22.02	22.11	22.01				
3	QPSK	1	40	22.09	22.12	22.09	22.5	1		
3	QPSK	12	7	21.11	21.21	21.22				
3	QPSK	12	13	21.01	21.19	21.12				
3	QPSK	12	19	21.14	21.07	21.11				
3	HQAM	1	0	21.25	21.30	21.34	22.5	1		
3	HQAM	1	24	21.28	21.26	21.29				
3	HQAM	12	8	20.23	20.16	20.20				
3	HQAM	12	16	20.16	20.16	20.20	21.5	2		
3	HQAM	12	13	20.25	20.25	20.25				
3	HQAM	25	8	20.19	20.21	20.25				
3	HQAM	25	16	20.30	20.30	20.26	21.5	2		
3	HQAM	1	12	20.13	20.06	20.23				
3	HQAM	1	24	19.92	19.81	19.95				
3	HQAM	12	13	19.23	19.28	19.28	20.5	3		
3	HQAM	12	16	19.15	19.27	19.04				
3	HQAM	1	8	16.95	17.03	17.27				
3	HQAM	1	16	17.07	17.07	17.27	18.5	5		
3	HQAM	1	24	17.07	17.02	17.27				
3	HQAM	12	8	16.93	17.02	17.23				
3	HQAM	12	13	16.81	16.90	16.93	18.5	5		
3	HQAM	25	8	16.96	16.90	16.92				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	21.83	21.94	21.93				
1.4	QPSK	1	8	21.88	22.15	22.16	23.5	0		
1.4	QPSK	1	16	21.93	22.08	22.10				
1.4	QPSK	1	24	22.02	22.11	22.01				
1.4	QPSK	1	40	22.09	22.12	22.09	22.5	1		
1.4	QPSK	6	7	20.99	21.05	21.10				
1.4	QPSK	15	6	21.07	21.08	21.11				
1.4	QPSK	15	12	21.18	21.48	21.48	22.5	1		
1.4	HQAM	1	8	21.48	21.40	21.45				
1.4	HQAM	1	16	21.22	21.17	21.44				
1.4	HQAM	8	6	20.26	20.13	20.17	21.5	2		
1.4	HQAM	8	12	20.22	20.15	20.19				
1.4	HQAM	15	6	20.26	20.26	20.26	21.5	2		
1.4	HQAM	15	12	20.07	20.18	20.08				
1.4	HQAM	1	0	20.39	20.18	20.28				
1.4	HQAM	1	8	20.44	20.23	20.28	21.5	2		
1.4	HQAM	1	14	19.92	19.73	19.81				
1.4	HQAM	8	6	19.09	19.11	19.03				
1.4	HQAM	8	12	19.19	19.12	19.19	20.5	3		
1.4	HQAM	8	7	19.13	19.26	19.14				
1.4	HQAM	1	16	18.16	18.23	18.14				
1.4	HQAM	1	32	18.08	17.76	17.27	18.5	5		
1.4	HQAM	1	64	18.86	17.71	17.28				
1.4	HQAM	8	6	16.78	16.95	17.20				
1.4	HQAM	8	12	16.86	17.00	17.25	18.5	5		
1.4	HQAM	15	6	17.11	17.07	17.27				
1.4	HQAM	15	12	16.85	16.97	17.10				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.28	22.33	22.26				
1.4	QPSK	1	3	22.31	22.33	22.28	23.5	0		
1.4	QPSK	1	6	22.30	22.33	22.25				
1.4	QPSK	3	3	22.27	22.34	22.27				
1.4	QPSK	3	6	22.27	22.33	22.30				
1.4	QPSK	6	3	22.37	22.37	22.28	22.5	1		
1.4	QPSK	6	6	21.32	21.36	21.30	22.0	1		
1.4	HQAM	1	0	21.52	21.75	21.45				
1.4	HQAM	1	3	21.59	21.67	21.71				
1.4	HQAM	1	6	21.58	21.69	21.50	22.5	1		
1.4	HQAM	3	3	21.41	21.47	21.44				
1.4	HQAM	3	6	21.38	21.48	21.48	21.5	2		
1.4	HQAM	3	9	21.43	21.51	21.42				
1.4	HQAM	6	3	20.48	20.57	20.58				
1.4	HQAM	6	6	20.42	20.61	20.52				
1.4	HQAM	6	9	20.54	20.63	20.62	21.5	2		
1.4	HQAM	3	9	20.39	20.50	20.48				
1.4	HQAM	3	12	20.48	20.58	20.48				
1.4	HQAM	6	9	19.42	19.48	19.41	20.5	3		
1.4	HQAM	1	0	17.24	17.38	17.20				
1.4	HQAM	1	3	17.27	17.27	17.20	18.5	5		
1.4	HQAM	3	3	17.25	17.23	17.35				
1.4	HQAM	3	6	17.35	17.38	17.31				
1.4	HQAM	6	3	17.33	17.33	17.36	18.5	5		

Band 66_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (Freq)	Power Med Ch (Freq)	Power High Ch (Freq)	Turn-up Int. (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.25	22.42	22.59				
20	QPSK	1	49	22.23	22.34	22.45	23.5	0		
20	QPSK	1	99	22.33	22.39	22.43				
20	QPSK	50	6	21.39	21.39	21.39				
20	QPSK	50	24	20.89	20.89	20.89	22.5	1		
20	QPSK	50	50	21.30	21.45	21.53				
20	QPSK	100	6	21.41	21.42	21.43				
20	16QAM	1	0	21.35	21.48	21.61				
20	16QAM	1	49	21.68	21.68	21.68	22.5	1		
20	16QAM	1	99	21.35	22.02	21.26				
20	16QAM	50	6	20.24	20.28	20.13				
20	16QAM	50	24	20.24	20.27	20.14	21.5	2		
20	16QAM	50	50	20.26	20.18	20.23				
20	16QAM	100	6	20.23	20.15	20.34				
20	16QAM	1	0	17.11	16.99	17.00				
20	16QAM	1	49	17.09	17.24	17.05	18.5	5		
20	16QAM	1	99	17.09	17.14	17.07				
20	16QAM	50	6	17.11	17.13	17.06				
20	16QAM	50	24	16.91	17.02	17.13	18.5	5		
20	16QAM	50	50	17.03	17.06	17.10				
20	16QAM	100	6	17.16	17.04	17.15				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.05	22.18	22.28				
15	QPSK	1	37	22.02	22.11	22.23	23.5	0		
15	QPSK	1	74	22.14	22.10	22.14				
15	QPSK	36	20	21.14	21.28	21.20				
15	QPSK	36	20	21.21	21.16	21.34	22.5	1		
15	QPSK	36	20	21.29	21.24	21.40				
15	QPSK	75	6	21.23	21.23	21.30				
15	16QAM	1	0	21.48	21.80	21.37				
15	16QAM	1	74	21.73	21.79	21.70	22.5	1		
15	16QAM	1	74	21.47	22.10	21.38				
15	16QAM	36	6	20.39	20.22	20.25				
15	16QAM	36	20	20.25	20.27	20.25	21.5	2		
15	16QAM	36	39	20.39	20.30	20.29				
15	16QAM	75	6	20.28	20.21	20.26				
15	16QAM	75	6	21.15	21.25	21.38				
15	16QAM	1	37	21.23	21.32	21.10	21.5	2		
15	16QAM	36	6	20.34	20.14	20.26				
15	16QAM	36	20	20.35	20.17	20.33	20.5	3		
15	16QAM	36	20	20.28	20.18	20.35				
15	16QAM	75	6	20.22	20.14	20.42				
15	25QAM	1	0	17.07	17.04	17.09				
15	25QAM	1	49	17.04	17.04	17.11	18.5	5		
15	25QAM	1	74	17.21	17.20	17.08				
15	25QAM	36	6	17.23	17.24	17.03				
15	25QAM	36	20	17.00	17.08	17.24	18.5	5		
15	25QAM	36	39	17.00	17.07	17.11				
15	25QAM	75	6	17.17	17.17	17.22				
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.15	22.10	22.14				
10	QPSK	1	20	22.16	22.28	22.30	23.5	0		
10	QPSK	1	49	22.08	22.03	21.87				
10	QPSK	25	6	21.27	21.30	21.20				
10	QPSK	25	14	21.29	21.24	21.40	22.5	1		
10	QPSK	25	25	21.17	21.23	21.23				
10	QPSK	50	6	21.16	21.21	21.24				
10	16QAM	1	0	21.40	21.81	21.36				
10	16QAM	1	25	21.83	21.71	21.81	22.5	1		
10	16QAM	25	6	20.36	20.12	20.23				
10	16QAM	25	12	20.27	20.37	20.35				
10	16QAM	25	25	20.29	20.24	20.21	21.5	2		
10	16QAM	50	6	20.41	20.22	20.20				
10	16QAM	1	0	21.23	21.25	21.23				
10	16QAM	1	25	21.13	21.34	21.30	21.5	2		
10	16QAM	1	49	21.35	21.44	21.17				
10	16QAM	25	6	20.31	20.19	20.22				
10	16QAM	25	12	20.20	20.28	20.47	20.5	3		
10	16QAM	25	25	20.33	20.10	20.38				
10	16QAM	50	6	20.36	20.30	20.33				
10	25QAM	1	0	17.06	16.98	16.98				
10	25QAM	1	25	16.94	17.14	17.14	18.5	5		
10	25QAM	1	49	17.02	17.08	17.11				
10	25QAM	25	6	17.19	17.16	17.13				
10	25QAM	25	12	17.00	17.06	17.18	18.5	5		
10	25QAM	25	25	17.09	17.21	17.05				
10	25QAM	50	6	17.26	17.04	17.19				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.08	22.20	22.15				
5	QPSK	1	12	22.12	22.22	22.10	23.5	0		
5	QPSK	1	24	22.04	22.05	22.12				
5	QPSK	12	6	21.14	21.25	21.27				
5	QPSK	12	7	21.19	21.19	21.30	22.5	1		
5	QPSK	12	14	21.04	21.30	21.20				
5	QPSK	25	6	21.11	21.10	21.23				
5	16QAM	1	0	21.36	21.81	21.32				
5	16QAM	1	12	21.68	21.74	21.11	22.5	1		
5	16QAM	1	24	21.37	22.07	21.22				
5	16QAM	12	6	20.32	20.18	20.22				
5	16QAM	12	7	20.32	20.20	20.42	21.5	2		
5	16QAM	12	13	20.36	20.24	20.32				
5	16QAM	25	6	20.29	20.14	20.30				
5	25QAM	1	0	17.15	17.05	17.15				
5	25QAM	1	12	16.95	17.03	17.19	18.5	5		
5	25QAM	1	24	17.08	17.21	17.21				
5	25QAM	12	6	17.06	17.03	17.11				
5	25QAM	12	7	17.01	17.13	17.27	18.5	5		
5	25QAM	12	13	17.16	17.04	17.17				
5	25QAM	25	6	17.27	17.00	17.20				
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.24	22.22	22.23				
3	QPSK	1	14	22.03	21.88	21.85	23.5	0		
3	QPSK	1	28	22.08	22.08	22.08				
3	QPSK	8	4	20.37	21.11	21.24	22.5	1		
3	QPSK	8	7	21.04	21.20	21.23				
3	16QAM	1	0	21.08	21.02	21.15				
3	16QAM	1	0	21.21	21.61	21.36	22.5	1		
3	16QAM	1	8	21.49	21.62	21.62				
3	16QAM	1	14	21.31	21.98	21.59				
3	16QAM	8	0	20.12	19.93	20.03				
3	16QAM	8	4	20.21	20.27	20.27	21.5	2		
3	16QAM	8	7	20.08	20.22	19.87				
3	16QAM	15	6	20.16	20.17	20.15				
3	16QAM	1	8	21.09	21.29	21.07	21.5	2		
3	16QAM	1	14	21.22	21.34	20.91				
3	16QAM	8	0	20.04	20.12	20.15				
3	16QAM	8	4	20.18	20.08	20.20	20.5	3		
3	16QAM	8	7	20.07	20.01	20.30				
3	16QAM	15	6	20.06	20.00	20.34				
3	25QAM	1	0	17.04	16.89	16.82	18.5	5		
3	25QAM	1	8	16.86	17.02	17.11				
3	25QAM	1	14	17.08	17.04	17.03				
3	25QAM	8	0	17.08	17.01	16.86				
3	25QAM	8	4	16.87	17.02	17.13	18.5	5		
3	25QAM	8	7	16.88	16.98	17.09				
3	25QAM	15	6	17.06	16.87	17.05				
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.23	22.27	22.25				
1.4	QPSK	1	3	22.28	22.27	22.28	23.5	0		
1.4	QPSK	1	6	22.35	22.35	22.35				
1.4	QPSK	3	0	22.26	22.25	22.27				
1.4	QPSK	3	3	22.26	22.28	22.22				
1.4	QPSK	3	6	22.29	22.29	22.29	22.5	1		
1.4	QPSK	6	0	21.31	21.34	21.27				
1.4	QPSK	6	3	21.67	21.41	21.25				
1.4	QPSK	6	6	21.52	21.82	21.29				
1.4	QPSK	1	0	21.50	21.62	21.61	22.5	1		
1.4	16QAM	1	0	21.36	21.38	21.38				
1.4	16QAM	3	0	21.43	21.42	21.36	21.5	2		
1.4	16QAM	3	3	21.43	21.43	21.36				
1.4	16QAM	6	0	20.38	20.33	20.31				
1.4	16QAM	3	0	20.35	20.45	20.38				
1.4	16QAM	3	3	20.37	20.40	20.38	21.5	2		
1.4	16QAM	6	0	20.40	20.30	20.41				
1.4	16QAM	6	3	20.34	20.35	20.30	20.5	3		
1.4	16QAM	1	0	17.18	17.22	17.23				
1.4	16QAM	1	3	17.28	17.30	17.23	18.5	5		
1.4	16QAM	1	6	17.25	17.25	17.23				
1.4	16QAM	3	0	17.38	17.28	17.25				
1.4	25QAM	3	3	17.36	17.38	17.14	18.5	5		

Band 38_Ant 0										
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)										
20	QPSK	1	0	22.29	22.34	22.37				
20	QPSK	1	49	22.28	22.22	21.82	23.5	0		
20	QPSK	1	99	22.02	22.05	22.02				
20	QPSK	50	0	21.36	21.18	21.28				
20	QPSK	50	24	21.36	21.33	21.25	22.5	1		
20	QPSK	100	0	21.34	21.21	21.35				
20	16QAM	1	0	21.24	21.18	20.91				
20	16QAM	1	49	21.47	21.04	20.97	22.5	1		
20	16QAM	1	99	21.28	21.04	20.75				
20	16QAM	50	0	20.52	20.12	20.20	21.5	2		
20	16QAM	50	24	20.26	20.09	20.24				
20	16QAM	50	50	20.24	20.21	20.16				
20	16QAM	100	0	20.19	20.26	20.09				
20	64QAM	1	0	20.25	20.21	19.91				
20	64QAM	1	49	20.33	20.02	20.08	21.5	2		
20	64QAM	1	99	20.07	19.91	19.75				
20	64QAM	50	0	19.91	19.15	19.19				
20	64QAM	50	24	19.36	19.05	19.17	20.5	3		
20	64QAM	50	50	19.31	19.05	19.17				
20	64QAM	100	0	19.38	19.08	19.23				
20	256QAM	1	0	17.07	17.09	17.15				
20	256QAM	1	49	17.27	17.20	17.02	18.5	5		
20	256QAM	1	99	17.35	17.10	17.19				
20	256QAM	50	0	17.35	17.12	17.15				
20	256QAM	50	24	17.36	17.27	17.17	18.5	5		
20	256QAM	50	24	17.37	17.10	17.25				
20	256QAM	100	0	17.34	17.14	17.17				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.12	22.12	22.00				
15	QPSK	1	37	22.28	22.07	21.72	23.5	0		
15	QPSK	1	74	21.93	21.97	21.89				
15	QPSK	36	0	21.39	21.12	21.15				
15	QPSK	36	20	21.04	21.06	21.17	22.5	1		
15	QPSK	36	39	21.09	21.13	21.30				
15	QPSK	75	0	21.23	21.04	21.15				
15	16QAM	1	0	21.11	20.99	20.78				
15	16QAM	1	37	21.43	20.92	20.87	22.5	1		
15	16QAM	1	74	21.28	20.92	20.87				
15	16QAM	36	0	20.18	20.03	20.01				
15	16QAM	36	20	19.19	19.00	19.17	21.5	2		
15	16QAM	36	39	20.23	20.14	20.03				
15	16QAM	75	0	20.09	20.08	19.90				
15	16QAM	1	0	20.12	20.01	19.81				
15	64QAM	1	37	20.17	20.42	20.03	21.5	2		
15	64QAM	1	74	20.08	19.96	19.99				
15	64QAM	36	0	19.20	19.08	19.11				
15	64QAM	36	20	19.28	19.07	19.09	20.5	3		
15	64QAM	36	39	19.23	19.05	19.15				
15	64QAM	75	0	19.33	19.02	19.15				
15	256QAM	1	0	17.07	17.07	17.15	18.5	5		
15	256QAM	1	37	17.25	17.05	17.05				
15	256QAM	1	74	17.04	17.06	17.06				
15	256QAM	36	0	17.34	17.01	17.04	18.5	5		
15	256QAM	36	20	17.30	17.19	16.97				
15	256QAM	36	39	17.37	17.06	17.06				
15	256QAM	75	0	17.52	17.04	17.11				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.28	22.15	22.04	23.5	0		
15	QPSK	1	24	22.12	22.12	22.00				
15	QPSK	1	49	21.88	21.88	22.00				
15	QPSK	25	0	21.18	20.98	21.08				
15	QPSK	25	12	21.04	21.14	21.14	22.5	1		
15	QPSK	25	25	21.24	21.15	21.28				
15	QPSK	50	0	21.34	21.15	21.28				
15	16QAM	1	0	21.34	21.16	21.22				
15	16QAM	1	49	21.31	20.98	20.91	22.5	1		
15	16QAM	1	99	21.15	20.98	20.91				
15	16QAM	50	0	20.14	20.07	20.07				
15	16QAM	25	12	20.11	20.04	20.14	21.5	2		
15	16QAM	25	25	20.15	20.05	20.11				
15	16QAM	50	0	20.03	20.11	19.89				
15	64QAM	1	0	20.17	20.11	19.91				
15	64QAM	1	25	20.19	20.05	20.03	21.5	2		
15	64QAM	1	49	20.06	19.78	19.79				
15	64QAM	25	0	19.50	19.12	19.96				
15	64QAM	25	12	19.19	19.12	19.01	20.5	3		
15	64QAM	25	25	19.23	19.05	19.01				
15	64QAM	50	0	19.39	19.14	19.21				
15	256QAM	1	0	17.34	16.95	17.10	18.5	5		
15	256QAM	1	25	17.22	17.10	16.99				
15	256QAM	1	49	17.23	16.94	17.06				
15	256QAM	25	0	17.22	16.95	17.06				
15	256QAM	25	12	17.18	17.18	17.05	18.5	5		
15	256QAM	25	25	17.10	16.96	17.07				
15	256QAM	50	0	17.17	16.97	17.14				
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.10	22.10	22.13				
5	QPSK	1	12	22.28	22.17	21.72	23.5	0		
5	QPSK	1	24	21.84	22.05	21.98				
5	QPSK	12	0	21.20	21.13	21.27				
5	QPSK	12	7	20.99	21.04	21.20	22.5	1		
5	QPSK	12	13	21.14	21.04	21.30				
5	16QAM	1	0	21.23	21.13	21.25				
5	16QAM	1	0	21.18	21.11	20.84				
5	16QAM	1	12	21.41	21.04	20.86	22.5	1		
5	16QAM	1	24	21.12	20.87	20.74				
5	16QAM	12	7	20.04	19.93	20.03	21.5	2		
5	16QAM	12	13	20.28	20.07	20.00				
5	16QAM	25	0	20.01	20.10	20.00				
5	64QAM	1	0	20.17	20.14	19.71	21.5	2		
5	64QAM	1	12	20.31	20.43	19.93				
5	64QAM	1	24	20.06	19.81	19.71	21.5	2		
5	64QAM	12	0	19.19	18.99	19.05				
5	64QAM	12	7	19.16	19.15	19.12	20.5	3		
5	64QAM	12	13	19.22	18.98	19.11				
5	64QAM	25	0	19.38	19.07	19.19				
5	256QAM	1	0	17.20	16.90	17.16	18.5	5		
5	256QAM	1	12	17.11	17.12	16.93				
5	256QAM	1	24	17.04	17.04	16.99				
5	256QAM	12	7	17.17	17.27	17.08	18.5	5		
5	256QAM	12	13	17.12	16.91	17.05				
5	256QAM	25	0	17.28	17.04	17.20				

Band 41_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Power Low Ch / Freq	Turn-up time (min)	MPR (dB)	
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.29	22.40	22.35	22.35			
20	QPSK	1	49	22.24	22.22	22.07	22.01	21.98	23.5	0
20	QPSK	1	99	22.26	22.16	22.28	22.28			
20	QPSK	50	0	21.48	21.49	21.28	21.25	21.22		
20	QPSK	24	0	21.48	21.50	21.21	21.21		22.5	1
20	QPSK	50	50	21.38	21.45	21.21	21.18			
20	QPSK	100	0	21.38	21.41	21.28	21.28			
20	16QAM	1	0	21.20	21.41	21.38	21.31	20.94		
20	16QAM	1	49	21.42	21.25	21.45	21.43	21.14	22.5	1
20	16QAM	1	99	21.18	21.28	21.13	20.94	21.09		
20	16QAM	50	0	20.49	20.41	20.20	20.17	20.11		
20	16QAM	50	24	20.32	20.37	20.03	20.05	20.23	21.5	2
20	16QAM	50	24	20.27	20.35	20.28	20.18	20.31		
20	16QAM	100	0	20.26	20.35	20.18	20.18			
20	64QAM	1	0	20.24	20.62	19.77	20.21	20.03		
20	64QAM	1	49	20.25	20.22	20.26	20.14	20.03	21.5	2
20	64QAM	1	99	20.03	20.22	20.15	20.03	20.23		
20	64QAM	50	0	19.47	19.50	19.09	19.10	19.17		
20	64QAM	50	24	19.32	19.30	19.15	19.05	19.12	20.5	3
20	64QAM	50	24	19.45	19.37	19.15	19.00	19.12		
20	64QAM	100	0	19.44	19.29	19.08	19.15	19.31		
20	64QAM	100	24	19.28	19.22	18.99	18.99	19.08	21.5	2
20	256QAM	1	0	17.42	17.22	17.23	17.07	16.92	18.5	5
20	256QAM	1	99	17.19	17.19	17.30	17.02	17.01		
20	256QAM	1	24	17.22	17.27	17.12	17.03	17.08		
20	256QAM	50	24	17.23	17.15	17.08	17.09	17.04	18.5	5
20	256QAM	100	0	17.07	17.07	17.13	17.03	17.07		
20	256QAM	100	24	17.07	17.27	17.13	17.08	17.07		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.29	22.40	22.35	22.35			
20	QPSK	1	49	22.23	22.20	22.01	21.98	21.94	23.5	0
20	QPSK	1	99	22.24	22.09	22.21	22.21			
20	QPSK	50	0	21.48	21.50	21.21	21.21			
20	QPSK	24	0	21.48	21.50	21.21	21.21		22.5	1
20	QPSK	50	50	21.37	21.39	21.04	21.01	21.00		
20	QPSK	100	0	21.38	21.41	21.28	21.28			
20	QPSK	78	0	21.25	21.41	21.22	21.12	21.10		
20	16QAM	1	0	21.19	21.28	21.06	21.20	20.93		
20	16QAM	1	49	21.40	21.23	21.43	21.41	21.07	22.5	1
20	16QAM	1	99	21.15	21.01	20.97	20.88	21.13		
20	16QAM	50	0	20.29	20.30	20.02	20.00	20.18		
20	16QAM	50	24	20.25	20.32	20.00	20.00	20.17	21.5	2
20	16QAM	50	24	20.19	20.18	20.08	19.94	20.09		
20	16QAM	100	0	20.28	20.33	20.16	20.16			
20	16QAM	100	24	20.10	20.32	19.58	19.14	19.32		
20	64QAM	1	0	20.08	20.11	20.21	19.87	19.93	21.5	2
20	64QAM	1	49	20.09	20.08	20.17	19.87	19.94		
20	64QAM	1	99	19.85	19.36	19.08	19.07	19.01	20.5	3
20	64QAM	50	0	19.45	19.46	19.08	19.07	19.08		
20	64QAM	50	24	19.28	19.33	19.08	19.06	19.36		
20	64QAM	78	0	19.28	19.33	19.08	19.06	19.36		
20	256QAM	1	0	17.13	17.18	17.05	16.99	16.90	18.5	5
20	256QAM	1	24	17.24	17.01	17.05	16.89	16.97		
20	256QAM	1	78	17.20	17.11	17.05	16.90	16.88		
20	256QAM	50	24	17.23	17.15	17.08	17.03	17.07	18.5	5
20	256QAM	100	0	17.21	17.07	17.08	17.01	16.95		
20	256QAM	100	24	17.06	17.12	17.05	16.94	17.04		
20	256QAM	100	78	17.07	17.14	17.24	17.03	17.03		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.29	22.40	22.35	22.35			
20	QPSK	1	49	22.23	22.20	22.01	21.99	21.94	23.5	0
20	QPSK	1	99	22.26	22.09	22.21	22.21			
20	QPSK	50	0	21.48	21.50	21.21	21.21			
20	QPSK	24	0	21.48	21.50	21.21	21.21		22.5	1
20	QPSK	50	50	21.37	21.39	21.04	21.01	21.00		
20	QPSK	100	0	21.38	21.41	21.28	21.28			
20	16QAM	1	0	21.14	21.23	21.06	21.20	20.93		
20	16QAM	1	49	21.39	21.15	21.37	21.35	21.01	22.5	1
20	16QAM	1	99	21.14	21.07	21.01	20.83	21.07		
20	16QAM	50	0	20.36	20.39	20.05	20.03	20.03		
20	16QAM	50	24	20.19	20.27	20.01	20.01	20.19	21.5	2
20	16QAM	50	24	20.12	20.30	20.03	19.86	20.15		
20	16QAM	100	0	20.28	20.33	20.16	20.16			
20	16QAM	100	24	20.06	20.34	19.59	19.15	19.35		
20	64QAM	1	0	20.04	20.17	20.21	19.74	19.79	21.5	2
20	64QAM	1	49	20.08	20.08	20.17	19.87	19.94		
20	64QAM	1	99	19.85	19.36	19.08	19.07	19.01	20.5	3
20	64QAM	50	0	19.42	19.36	19.06	19.03	19.14		
20	64QAM	50	24	19.19	19.40	19.12	18.93	19.36		
20	64QAM	78	0	19.28	19.30	19.03	18.99	19.05		
20	64QAM	100	0	19.28	19.18	19.09	19.04	19.15		
20	256QAM	1	0	17.17	17.12	17.05	16.99	16.90	18.5	5
20	256QAM	1	24	17.21	17.02	17.05	16.89	16.97		
20	256QAM	1	49	17.31	17.08	17.17	16.97	16.89		
20	256QAM	50	24	17.23	17.22	17.03	17.02	17.02	18.5	5
20	256QAM	100	0	17.06	17.08	17.12	16.96	17.04		
20	256QAM	100	24	17.20	17.12	17.16	16.88	17.07		
20	256QAM	100	78	17.13	17.13	17.23	17.04	17.04		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.29	22.40	22.35	22.35			
20	QPSK	1	49	22.23	22.20	22.01	21.99	21.94	23.5	0
20	QPSK	1	99	22.24	22.08	22.08	22.01	21.99		
20	QPSK	50	0	21.41	21.44	21.21	21.21			
20	QPSK	12	0	21.23	21.32	21.00	21.21	21.18	22.5	1
20	QPSK	12	24	21.02	21.38	21.02	21.02			
20	16QAM	1	0	21.05	21.31	21.04	21.04	20.57		
20	16QAM	1	49	21.31	21.06	21.28	21.28	20.92	22.5	1
20	16QAM	1	99	21.05	21.02	21.00	21.12	20.57		
20	16QAM	50	0	20.28	20.32	20.03	20.03	20.22		
20	16QAM	50	24	20.02	21.13	20.08	20.02	21.20		
20	16QAM	12	0	20.24	20.39	20.15	20.06	19.98	21.5	2
20	16QAM	12	24	20.08	20.18	19.99	19.98	20.38		
20	16QAM	12	49	20.23	20.23	20.12	19.93	20.19		
20	16QAM	12	99	20.03	20.28	20.13	20.02	20.34		
20	64QAM	1	0	20.24	20.48	19.68	19.72	19.83	21.5	2
20	64QAM	1	12	20.04	20.18	20.08	19.72	20.05		
20	64QAM	1	24	19.82	19.05	18.91	18.91	19.04		
20	64QAM	12	0	19.42	19.44	19.28	19.31	19.05		
20	64QAM	12	9	19.26	19.31	19.16	18.93	19.14	20.5	3
20	64QAM	12	24	19.28	19.37	19.16	18.96	19.36		
20	64QAM	12	49	19.32	19.25	18.89	18.99	19.04		
20	256QAM	1	0	17.23	17.17	17.20	17.01	16.82	18.5	5
20	256QAM	1	12	17.29	17.03	17.20	17.01	16.82		
20	256QAM	1	24	17.30	17.05	17.12	16.98	17.03		
20	256QAM	50	24	17.20	17.05	17.12	16.98	17.03	18.5	5
20	256QAM	100	0	17.07	17.13	17.13	17.03	17.07		
20	256QAM	12	0	17.13	17.10	17.17	17.03	17.07	18.5	5

Part 96_Band 42_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Turn-up Int. (dB)	MPE (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.00	21.01	21.09			23	0
20	QPSK	1	49	21.08	21.09	21.82				
20	QPSK	50	0	20.48	20.50	20.44			22	1
20	QPSK	50	24	20.55	20.52	20.48				
20	QPSK	100	0	20.48	20.50	20.53			21	2
20	16QAM	1	0	20.68	20.70	20.71				
20	16QAM	1	49	20.74	20.84	20.78			21	2
20	16QAM	1	99	20.70	20.84	20.47				
20	16QAM	50	0	19.54	19.54	19.52			20	3
20	16QAM	50	24	19.51	19.52	19.51				
20	16QAM	100	0	19.54	19.54	19.54			18	5
20	16QAM	1	0	19.56	19.68	19.57				
20	64QAM	1	0	19.72	19.73	19.88			21	2
20	64QAM	1	49	19.58	19.52	19.52				
20	64QAM	50	0	18.50	18.57	18.51			20	3
20	64QAM	50	24	18.53	18.56	18.53				
20	64QAM	50	50	18.54	18.53	18.51			18	5
20	64QAM	100	0	18.46	18.58	18.55				
20	256QAM	1	0	18.55	18.41	18.44			18	5
20	256QAM	1	49	18.63	18.42	18.47				
20	256QAM	1	99	18.52	18.48	18.42			18	5
20	256QAM	50	24	18.51	18.36	18.53				
20	256QAM	50	50	18.50	18.39	18.39			18	5
20	256QAM	100	0	18.43	18.56	18.52				
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.37	21.34	21.39			23	0
15	QPSK	1	37	21.44	21.48	21.40				
15	QPSK	1	74	21.20	21.32	21.15			22	1
15	QPSK	38	20	20.28	20.44	20.42				
15	QPSK	38	20	20.48	20.42	20.38			22	1
15	QPSK	75	0	20.33	20.55	20.38				
15	16QAM	1	0	20.58	20.62	20.70			22	1
15	16QAM	1	37	20.74	20.71	20.68				
15	16QAM	1	74	20.70	20.60	20.70			21	2
15	16QAM	38	0	19.41	19.44	19.53				
15	16QAM	38	20	19.38	19.45	19.55			21	2
15	16QAM	38	39	19.43	19.40	19.41				
15	16QAM	75	0	19.40	19.38	19.37			21	2
15	64QAM	1	0	19.60	19.58	19.48				
15	64QAM	1	37	19.64	19.49	19.43			20	3
15	64QAM	36	0	18.35	18.50	18.46				
15	64QAM	38	20	18.42	18.53	18.42			18	5
15	64QAM	36	39	18.36	18.53	18.53				
15	64QAM	75	0	18.45	18.47	18.40			18	5
15	256QAM	1	0	18.45	18.34	18.25				
15	256QAM	1	37	18.53	18.28	18.45			18	5
15	256QAM	1	74	18.34	18.45	18.28				
15	256QAM	38	0	16.17	16.38	16.21			18	5
15	256QAM	38	20	16.51	16.23	16.39				
15	256QAM	38	39	16.58	16.38	16.39			20	3
15	256QAM	75	0	16.50	16.42	16.44				
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.39	21.40	21.42			23	0
5	QPSK	1	12	21.35	21.38	21.34				
5	QPSK	1	24	21.18	21.20	21.15			22	1
5	QPSK	12	0	20.38	20.37	20.37				
5	QPSK	12	7	20.43	20.44	20.35			22	1
5	QPSK	12	13	20.54	20.38	20.27				
5	QPSK	25	0	20.30	20.38	20.35			22	1
5	16QAM	1	0	20.53	20.59	20.69				
5	16QAM	1	12	20.57	20.77	20.55			21	2
5	16QAM	1	24	20.61	20.64	20.39				
5	16QAM	12	7	19.36	19.59	19.48			21	2
5	16QAM	12	13	19.45	19.42	19.48				
5	16QAM	25	0	19.30	19.55	19.40			21	2
5	64QAM	1	0	19.45	19.68	19.37				
5	64QAM	1	12	19.64	19.49	19.47			20	3
5	64QAM	1	24	19.54	19.31	19.34				
5	64QAM	12	0	18.45	18.52	18.32			18	5
5	64QAM	12	7	18.43	18.62	18.55				
5	64QAM	12	13	18.38	18.48	18.41			18	5
5	64QAM	25	0	18.40	18.56	18.49				
5	256QAM	1	0	18.40	18.22	18.28			18	5
5	256QAM	1	12	18.50	18.22	18.35				
5	256QAM	1	24	18.43	18.41	18.45			18	5
5	256QAM	12	0	18.34	18.34	18.34				
5	256QAM	12	7	18.34	18.30	18.30			18	5
5	256QAM	12	13	18.52	18.29	18.43				
5	256QAM	25	0	18.34	18.42	18.47			18	5
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.47	21.47	21.47			23	0
5	QPSK	1	12	21.33	21.38	21.34				
5	QPSK	1	24	21.19	21.20	21.15			22	1
5	QPSK	12	0	20.60	20.62	20.37				
5	QPSK	12	7	20.49	20.50	20.39			22	1
5	QPSK	12	13	20.36	20.45	20.35				
5	QPSK	25	0	20.31	20.53	20.41			22	1
5	16QAM	1	0	20.24	20.51	20.60				
5	16QAM	1	12	20.38	20.60	20.44			21	2
5	16QAM	1	24	20.07	20.08	20.12				
5	16QAM	12	7	19.60	19.32	19.50			21	2
5	16QAM	12	13	19.31	19.28	19.30				
5	16QAM	25	0	19.60	19.30	19.45			21	2
5	64QAM	1	0	19.28	19.39	19.46				
5	64QAM	1	12	19.61	19.20	19.09			20	3
5	64QAM	1	24	19.08	19.20	19.03				
5	64QAM	12	0	18.45	18.37	18.48			18	5
5	64QAM	12	7	18.43	18.62	18.55				
5	64QAM	12	13	18.38	18.48	18.41			18	5
5	64QAM	25	0	18.26	18.69	18.25				
5	256QAM	1	0	18.48	18.63	18.25			18	5
5	256QAM	1	12	18.36	18.45	18.18				
5	256QAM	1	24	18.26	18.63	18.21			18	5
5	256QAM	12	0	18.34	18.45	18.18				
5	256QAM	12	7	18.31	18.61	18.26			18	5
5	256QAM	12	13	18.24	18.58	18.35				
5	256QAM	25	0	18.42	18.48	18.45			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				1850	1880	1900	23.5	0.0
Frequency (MHz)				372000	376000	380000		
20	Pl/2 BPSK	1	1	22.08	22.25	22.05		
20	Pl/2 BPSK	1	53	22.20	22.38	22.11		
20	Pl/2 BPSK	1	104	22.18	22.25	22.14	23.0	0.5
20	Pl/2 BPSK	50	0	21.54	21.66	21.57	23.5	0.0
20	Pl/2 BPSK	50	28	22.06	22.20	22.16	23.0	0.5
20	Pl/2 BPSK	50	56	22.16	22.21	22.09	23.0	0.5
20	Pl/2 BPSK	100	0	21.61	21.71	21.64		
20	QPSK	1	1	22.31	22.30	22.34	23.5	0.0
20	QPSK	1	53	22.12	22.21	22.15		
20	QPSK	1	104	22.20	22.29	22.22		
20	QPSK	50	0	21.06	21.18	21.10	22.5	1.0
20	QPSK	50	28	22.11	22.20	22.15	23.5	0.0
20	QPSK	50	56	22.10	22.16	22.14	22.5	1.0
20	QPSK	100	0	21.18	21.24	21.14		
20	16QAM	1	1	21.32	21.36	21.27	22.5	1.0
20	64QAM	1	1	19.91	19.96	19.86	21.0	2.5
20	256QAM	1	1	17.66	17.72	17.71	19.0	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	23.5	0.0
15	QPSK	1	1	22.18	22.25	22.22		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	23.5	0.0
10	QPSK	1	1	22.15	22.24	22.19		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	23.5	0.0
5	QPSK	1	1	22.09	22.21	22.09		

n5_Ant 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				834	836.5	839	23.5	0.0
Frequency (MHz)				166800	167200	167600		
20	Pl/2 BPSK	1	1	22.58	22.60	22.48		
20	Pl/2 BPSK	1	53	22.55	22.58	22.43		
20	Pl/2 BPSK	1	104	22.55	22.62	22.56	23.0	0.5
20	Pl/2 BPSK	50	0	22.09	22.03	21.99	23.5	0.0
20	Pl/2 BPSK	50	28	22.43	22.40	22.43	23.0	0.5
20	Pl/2 BPSK	50	56	22.32	22.34	22.30		
20	Pl/2 BPSK	100	0	21.97	21.96	21.92	23.0	0.5
20	QPSK	1	1	22.67	22.65	22.61	23.5	0.0
20	QPSK	1	53	22.58	22.59	22.52		
20	QPSK	1	104	22.61	22.63	22.56		
20	QPSK	50	0	21.31	21.34	21.36	22.5	1.0
20	QPSK	50	28	22.25	22.18	22.21	23.5	0.0
20	QPSK	50	56	22.17	22.12	22.13	22.5	1.0
20	QPSK	100	0	21.32	21.26	21.22		
20	16QAM	1	1	21.73	21.74	21.75	22.5	1.0
20	64QAM	1	1	20.49	20.42	20.39	21.0	2.5
20	256QAM	1	1	18.25	18.20	18.16	19.0	4.5
Channel				166300	167200	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	23.5	0.0
15	QPSK	1	1	22.60	22.51	22.55		
Channel				165800	167200	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	23.5	0.0
10	QPSK	1	1	22.59	22.57	22.50		
Channel				165300	167200	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	23.5	0.0
5	QPSK	1	1	22.56	22.53	22.49		

n7_Ant 2								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				2510	2535	2560	23.5	0.0
Frequency (MHz)				502000	507000	512000		
20	Pl/2 BPSK	1	1	22.17	22.24	22.12		
20	Pl/2 BPSK	1	53	22.08	22.19	22.07		
20	Pl/2 BPSK	1	104	21.99	22.04	21.96	23.0	0.5
20	Pl/2 BPSK	50	0	22.17	22.28	22.23	23.5	0.0
20	Pl/2 BPSK	50	28	21.99	22.02	22.01	23.0	0.5
20	Pl/2 BPSK	50	56	21.53	21.54	21.53		
20	Pl/2 BPSK	100	0	21.47	21.52	21.47	23.0	0.5
20	QPSK	1	1	22.21	22.30	22.25	23.5	0.0
20	QPSK	1	53	22.16	22.21	22.16		
20	QPSK	1	104	22.02	22.12	22.07		
20	QPSK	50	0	22.07	22.09	22.03	22.5	1.0
20	QPSK	50	28	22.11	22.18	22.11	23.5	0.0
20	QPSK	50	56	21.11	21.20	21.11	22.5	1.0
20	QPSK	100	0	21.08	21.14	21.11		
20	16QAM	1	1	21.21	21.26	21.27	22.5	1.0
20	64QAM	1	1	19.73	19.83	19.74	21.0	2.5
20	256QAM	1	1	17.58	17.63	17.54	19.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	23.5	0.0
15	QPSK	1	1	22.22	22.17	22.18		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	23.5	0.0
10	QPSK	1	1	22.12	22.18	22.18		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	23.5	0.0
5	QPSK	1	1	22.20	22.15	22.15		

n12_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				141300	141500	141700	23.5	0.0
Frequency (MHz)				706.5	707.5	708.5		
15	PI/2 BPSK	1	1	22.02	22.07	21.99	23.5	0.0
15	PI/2 BPSK	1	40	22.03	22.10	21.91		
15	PI/2 BPSK	1	77	22.03	22.04	21.96		
15	PI/2 BPSK	36	0	21.53	21.59	21.42	23.0	0.5
15	PI/2 BPSK	36	22	21.96	21.98	21.90	23.5	0.0
15	PI/2 BPSK	36	43	21.56	21.60	21.59	23.0	0.5
15	PI/2 BPSK	75	0	21.56	21.60	21.52		
15	QPSK	1	1	22.10	22.12	22.06		
15	QPSK	1	40	22.07	22.08	22.00	23.5	0.0
15	QPSK	1	77	22.07	22.05	21.94		
15	QPSK	36	0	20.96	21.01	20.99	22.5	1.0
15	QPSK	36	22	22.06	22.03	21.97	23.5	0.0
15	QPSK	36	43	21.00	21.07	20.98	22.5	1.0
15	QPSK	75	0	21.04	21.10	21.07		
15	16QAM	1	1	21.15	21.21	21.12	22.5	1.0
15	64QAM	1	1	19.69	19.75	19.68	21.0	2.5
15	256QAM	1	1	17.60	17.62	17.60	19.0	4.5
Channel				140900	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.06	22.05	21.91	23.5	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	21.99	22.09	22.04	23.5	0.0

n14_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				156600	793		23.5	0.0
Frequency (MHz)								
10	PI/2 BPSK	1	1	22.00	21.90		23.0	0.5
10	PI/2 BPSK	1	26	21.97	21.90			
10	PI/2 BPSK	1	50	21.40	21.40			
10	PI/2 BPSK	25	0	21.40	21.40		23.0	0.5
10	PI/2 BPSK	25	14	21.83	21.83		23.5	0.0
10	PI/2 BPSK	25	27	21.31	21.31		23.0	0.5
10	PI/2 BPSK	50	0	21.36	21.36			
10	QPSK	1	1	22.05	22.05			
10	QPSK	1	26	21.89	21.89		23.5	0.0
10	QPSK	1	50	21.98	21.98			
10	QPSK	25	0	20.90	20.90		22.5	1.0
10	QPSK	25	14	21.89	21.89		23.5	0.0
10	QPSK	25	27	20.80	20.80		22.5	1.0
10	QPSK	50	0	20.86	20.86			
10	16QAM	1	1	21.02	21.02		22.5	1.0
10	64QAM	1	1	19.68	19.68		21.0	2.5
10	256QAM	1	1	17.45	17.45		19.0	4.5
Channel				158100	158600	159100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	1	21.90	21.97	21.98	23.5	0.0

n25_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				373000	376500	380000	23.5	0.0
Frequency (MHz)				1865	1862.5	1900		
30	PI/2 BPSK	1	1	22.35	22.38	22.28	23.0	0.5
30	PI/2 BPSK	1	80	22.27	22.17	22.17		
30	PI/2 BPSK	1	158	22.16	22.16	22.10		
30	PI/2 BPSK	80	0	21.52	21.52	21.48	23.0	0.5
30	PI/2 BPSK	80	40	22.08	22.13	22.14	23.5	0.0
30	PI/2 BPSK	80	80	21.44	21.48	21.41	23.0	0.5
30	PI/2 BPSK	160	0	21.43	21.43	21.38		
30	QPSK	1	1	22.43	22.58	22.37		
30	QPSK	1	80	22.27	22.25	22.20	23.5	0.0
30	QPSK	1	158	22.23	22.24	22.20		
30	QPSK	80	0	21.15	21.19	21.20	22.5	1.0
30	QPSK	80	40	22.41	22.24	22.20	23.5	0.0
30	QPSK	80	80	21.27	21.28	21.18	22.5	1.0
30	QPSK	160	0	21.19	21.22	21.13		
30	16QAM	1	1	21.31	21.38	21.38	22.5	1.0
30	64QAM	1	1	20.02	20.02	19.93	21.0	2.5
30	256QAM	1	1	17.74	17.75	17.68	19.0	4.5
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1862.5	1902.5		
25	QPSK	1	1	22.34	22.42	22.30	23.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1862.5	1905		
20	QPSK	1	1	22.40	22.38	22.28	23.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1862.5	1907.5		
15	QPSK	1	1	22.30	22.40	22.27	23.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1862.5	1910		
10	QPSK	1	1	22.38	22.37	22.22	23.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1862.5	1912.5		
5	QPSK	1	1	22.32	22.47	22.22	23.5	0.0

n30_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				2310			23.5	0.0
Frequency (MHz)				2310				
10	PI/2 BPSK	1	1	22.03				
10	PI/2 BPSK	1	26	22.08				
10	PI/2 BPSK	1	50	22.07				
10	PI/2 BPSK	25	0	21.47			23.0	0.5
10	PI/2 BPSK	25	14	21.84			23.5	0.0
10	PI/2 BPSK	25	27	21.47			23.0	0.5
10	PI/2 BPSK	50	0	21.37				
10	QPSK	1	1	22.10				
10	QPSK	1	26	22.02			23.5	0.0
10	QPSK	1	50	21.87				
10	QPSK	25	0	20.95			22.5	1.0
10	QPSK	25	14	21.84			23.5	0.0
10	QPSK	25	27	20.97			22.5	1.0
10	QPSK	50	0	20.98				
10	16QAM	1	1	21.18			22.5	1.0
10	64QAM	1	1	19.74			21.0	2.5
10	256QAM	1	1	17.45			19.0	4.5

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				1725 1745 1765			23.5	0.0
Frequency (MHz)				1725 1745 1765				
30	PI/2 BPSK	1	1	22.12	22.29	22.28		
30	PI/2 BPSK	1	80	22.25	22.25	22.19	23.5	
30	PI/2 BPSK	1	158	22.68	22.26	22.68		
30	PI/2 BPSK	80	0	21.74	21.78	21.74	23.0	0.5
30	PI/2 BPSK	80	40	22.16	22.25	22.23	23.5	0.0
30	PI/2 BPSK	80	80	21.72	21.75	21.69	23.0	0.5
30	PI/2 BPSK	160	0	21.68	21.76	21.73		
30	QPSK	1	1	22.08	22.70	22.08		
30	QPSK	1	80	22.28	22.28	22.27	23.5	0.0
30	QPSK	1	158	22.18	22.26	22.29		
30	QPSK	80	0	21.15	21.23	21.21	22.5	1.0
30	QPSK	80	40	22.17	22.29	22.24	23.5	0.0
30	QPSK	80	80	21.27	21.27	21.20	22.5	1.0
30	QPSK	160	0	21.29	21.30	21.26		
30	16QAM	1	1	21.43	21.43	21.38	22.5	1.0
30	64QAM	1	1	19.94	19.99	19.96	21.0	2.5
30	256QAM	1	1	17.74	17.77	17.76	19.0	4.5
Channel				344500 345000 353500			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5 1745 1767.5				
25	QPSK	1	1	22.61	22.58	22.55	23.5	0.0
Channel				344000 348000 354000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720 1745 1770				
20	QPSK	1	1	22.63	22.62	22.61	23.5	0.0
Channel				343500 349000 354500			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5 1745 1772.5				
15	QPSK	1	1	22.62	22.64	22.62	23.5	0.0
Channel				343000 345000 355000			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715 1745 1775				
10	QPSK	1	1	22.54	22.64	22.55	23.5	0.0
Channel				342500 346000 355500			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5 1745 1777.5				
5	QPSK	1	1	22.55	22.62	22.62	23.5	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				673 680.5 686			23.5	0.0
Frequency (MHz)				673 680.5 686				
20	PI/2 BPSK	1	1	21.80	21.83	21.78		
20	PI/2 BPSK	1	53	21.88	21.87	21.86	23.5	
20	PI/2 BPSK	1	104	21.80	21.85	21.86		
20	PI/2 BPSK	50	0	21.49	21.38	21.40	23.0	0.5
20	PI/2 BPSK	50	28	21.99	21.85	21.82	23.5	0.0
20	PI/2 BPSK	50	56	21.53	21.40	21.38		
20	PI/2 BPSK	100	0	21.60	21.44	21.47	23.0	0.5
20	QPSK	1	1	22.04	21.98	21.85		
20	QPSK	1	53	21.95	21.81	21.82	23.5	0.0
20	QPSK	1	104	22.00	21.86	21.86		
20	QPSK	50	0	20.94	20.84	20.83	22.5	1.0
20	QPSK	50	28	22.02	21.85	21.86	23.5	0.0
20	QPSK	50	56	21.05	20.86	20.90	22.5	1.0
20	QPSK	100	0	21.08	20.95	20.97		
20	16QAM	1	1	21.13	20.95	21.00	22.5	1.0
20	64QAM	1	1	19.58	19.47	19.47	21.0	2.5
20	256QAM	1	1	17.54	17.39	17.46	19.0	4.5
Channel				134100 136100 138100			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5 680.5 690.5				
15	QPSK	1	1	21.87	21.78	21.77	23.5	0.0
Channel				133600 136100 138600			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668 680.5 693				
10	QPSK	1	1	21.82	21.69	21.74	23.5	0.0
Channel				133100 136100 139100			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5 680.5 695.5				
5	QPSK	1	1	21.84	21.70	21.68	23.5	0.0

n38_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				516004	516000	516996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	22.15	22.38	22.17		
40	PI/2 BPSK	1	53	22.12	22.31	22.11	23.5	0.0
40	PI/2 BPSK	1	104	22.28	22.40	22.37		
40	PI/2 BPSK	50	0	21.71	21.77	21.69	23.0	0.5
40	PI/2 BPSK	50	28	22.28	22.28	22.28	23.5	0.0
40	PI/2 BPSK	50	56	21.67	21.72	21.72	23.0	0.5
40	PI/2 BPSK	100	0	21.67	21.74	21.68		
40	QPSK	1	1	22.20	22.16	22.14		
40	QPSK	1	53	22.37	22.45	22.42	23.5	0.0
40	QPSK	1	104	22.21	22.24	22.21		
40	QPSK	50	0	21.24	21.24	21.17		
40	QPSK	50	28	22.14	22.16	22.13	23.5	0.0
40	QPSK	50	56	21.21	21.22	21.14		
40	QPSK	100	0	21.13	21.20	21.11	22.5	1.0
40	16QAM	1	1	21.59	21.56	21.53	22.5	1.0
40	64QAM	1	1	20.04	20.08	20.08	21.0	2.5
40	256QAM	1	1	17.64	17.86	17.87	19.0	4.5
Channel				517002	516900	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	22.25	22.44	22.33	23.5	0.0
Channel				516900	516900	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2585	2610		
20	QPSK	1	1	22.30	22.42	22.34	23.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505002	516998	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.90	25.91	25.71		
100	PI/2 BPSK	1	137	25.88	25.97	25.82	27.0	0.0
100	PI/2 BPSK	1	271	25.80	25.83	25.86		
100	PI/2 BPSK	135	0	25.32	25.27	25.24	26.5	0.5
100	PI/2 BPSK	135	69	25.84	25.88	25.73	27.0	0.0
100	PI/2 BPSK	135	138	25.28	25.24	25.13	26.5	0.5
100	PI/2 BPSK	270	0	25.39	25.43	25.32		
100	QPSK	1	1	25.90	25.97	25.80		
100	QPSK	1	137	25.84	25.98	25.83	27.0	0.0
100	QPSK	1	271	25.88	25.87	25.76		
100	QPSK	135	0	24.82	24.81	24.60		
100	QPSK	135	69	25.80	25.83	25.86	27.0	0.0
100	QPSK	135	138	24.79	24.79	24.71		
100	QPSK	270	0	24.81	24.80	24.67	26.0	1.0
100	16QAM	1	1	25.08	25.08	24.93	26.0	1.0
100	64QAM	1	1	23.54	23.55	23.43	24.5	2.5
100	256QAM	1	1	21.25	21.26	21.22	22.5	4.5
Channel				508000	516998	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	25.91	25.84	25.80	27.0	0.0
Channel				507204	516998	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2636.02	2592.99	2644.99		
80	QPSK	1	1	25.79	25.85	25.68	27.0	0.0
Channel				506002	516998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2592.99	2635		
70	QPSK	1	1	25.91	25.92	25.78	27.0	0.0
Channel				505000	516998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2626	2592.99	2659.98		
60	QPSK	1	1	25.79	25.90	25.70	27.0	0.0
Channel				504204	516998	530998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2644.99		
50	QPSK	1	1	25.84	25.96	25.69	27.0	0.0
Channel				503002	516998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2616.01	2592.99	2670		
40	QPSK	1	1	25.82	25.94	25.72	27.0	0.0
Channel				502000	516998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2611	2592.99	2674.98		
30	QPSK	1	1	25.86	25.92	25.81	27.0	0.0
Channel				501204	516998	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2608.02	2592.99	2679.98		
20	QPSK	1	1	25.88	25.89	25.68	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				505002	516998	520000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.00	15.96	15.75		
100	PI/2 BPSK	1	137	16.02	16.00	15.82	17.5	0.0
100	PI/2 BPSK	1	271	15.98	16.04	15.82		
100	PI/2 BPSK	135	0	15.04	15.97	15.70	17.5	0.0
100	PI/2 BPSK	135	69	15.82	15.99	15.71	17.5	0.0
100	PI/2 BPSK	135	138	15.96	15.99	15.68	17.5	0.0
100	PI/2 BPSK	270	0	15.63	16.03	15.73		
100	QPSK	1	1	16.01	16.04	15.78		
100	QPSK	1	137	16.05	16.13	15.67	17.5	0.0
100	QPSK	1	271	15.80	16.07	15.78		
100	QPSK	135	0	15.92	15.95	15.85		
100	QPSK	135	69	15.80	16.09	15.81	17.5	0.0
100	QPSK	135	138	15.81	15.97	15.83		
100	QPSK	270	0	15.86	16.03	15.88	17.5	0.0
100	16QAM	1	1	15.97	16.00	15.78	17.5	0.0
100	64QAM	1	1	16.00	16.04	15.73	17.5	0.0
100	256QAM	1	1	15.86	16.04	15.85	17.5	0.0
Channel				508000	516998	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	1	15.91	16.03	15.74	17.5	0.0
Channel				507204	516998	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2636.02	2592.99	2644.99		
80	QPSK	1	1	15.86	15.91	15.67	17.5	0.0
Channel				506002	516998	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2631.01	2592.99	2635		
70	QPSK	1	1	15.91	15.90	15.74	17.5	0.0
Channel				505000	516998	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2626	2592.99	2659.98		
60	QPSK	1	1	15.82	15.93	15.71	17.5	0.0
Channel				504204	516998	530998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2621.02	2592.99	2644.99		
50	QPSK	1	1	15.87	16.05	15.80	17.5	0.0
Channel				503002	516998	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2616.01	2592.99	2670		
40	QPSK	1	1	15.80	16.05	15.63	17.5	0.0
Channel				502000	516998	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2611	2592.99	2674.98		
30	QPSK	1	1	15.87	15.93	15.75	17.5	0.0
Channel				501204	516998	533998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2608.02	2592.99	2679.98		
20	QPSK	1	1	15.94	15.89	15.79	17.5	0.0

n48_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				630000	641666	646332		
Frequency (MHz)				3570	3634.99	3679.98		
40	PI/2 BPSK	1	1	20.36	20.53	20.31		
40	PI/2 BPSK	1	53	20.32	20.63	20.43	22.0	0.0
40	PI/2 BPSK	1	104	20.48	20.86	20.26		
40	PI/2 BPSK	50	0	20.24	20.63	20.44	22.0	0.0
40	PI/2 BPSK	50	28	20.40	20.54	20.47	22.0	0.0
40	PI/2 BPSK	50	56	20.28	20.70	20.28		
40	PI/2 BPSK	100	0	20.50	20.70	20.43	22.0	0.0
40	QPSK	1	1	20.39	20.54	20.31		
40	QPSK	1	53	20.53	20.79	20.35	22.0	0.0
40	QPSK	1	104	20.48	20.50	20.43		
40	QPSK	50	0	20.39	20.52	20.43		
40	QPSK	50	28	20.15	20.64	20.50	22.0	0.0
40	QPSK	50	56	20.42	20.52	20.35		
40	QPSK	100	0	20.34	20.62	20.28	22.0	0.0
40	16QAM	1	1	20.26	20.75	20.35	22.0	0.0
40	64QAM	1	1	19.45	19.60	19.53	21.0	1.0
40	256QAM	1	1	17.19	17.36	17.18	19.0	3.0
Channel				637668	641668	645668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3565.02	3624.99	3684.99	22.0	0.0
30	QPSK	1	1	20.34	20.67	20.31		
Channel				637334	641669	646000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3560.01	3624.99	3680	22.0	0.0
20	QPSK	1	1	20.36	20.54	20.28		

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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				633332	6499.98			
Frequency (MHz)				3499.98				
100	PI/2 BPSK	1	1	25.99				
100	PI/2 BPSK	1	137	26.27			27.0	0.0
100	PI/2 BPSK	1	271	26.26				
100	PI/2 BPSK	135	0	26.03			26.5	0.5
100	PI/2 BPSK	135	69	26.17			27.0	0.0
100	PI/2 BPSK	135	138	26.21			26.5	0.5
100	PI/2 BPSK	270	0	26.15				
100	QPSK	1	1	26.00				
100	QPSK	1	137	26.34			27.0	0.0
100	QPSK	1	271	26.29				
100	QPSK	135	0	25.51				
100	QPSK	135	69	26.15			27.0	0.0
100	QPSK	135	138	25.63				
100	QPSK	270	0	25.63			26.0	1.0
100	16QAM	1	1	24.93			26.0	1.0
100	64QAM	1	1	24.20			24.5	2.5
100	256QAM	1	1	21.84			22.5	4.5
Channel				632668	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3499.98	3510	27.0	0.0
80	QPSK	1	1	26.24	26.28	26.17		
Channel				632000	633332	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490	3499.98	3510.98	27.0	0.0
60	QPSK	1	1	26.17	26.28	26.15		
Channel				631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3499.98	3529.98	27.0	0.0
40	QPSK	1	1	26.00	26.19	26.04		
Channel				631000	633332	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3499.98	3534.98	27.0	0.0
30	QPSK	1	1	26.24	26.32	26.26		
Channel				630668	633332	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3499.98	3540	27.0	0.0
20	QPSK	1	1	26.28	26.33	26.29		

Part27Q_n77(HPUE)_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				660000	660000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.60	25.72	25.86		
100	PI/2 BPSK	1	137	26.04	26.14	26.25	27.0	0.0
100	PI/2 BPSK	1	271	26.03	26.20	26.15		
100	PI/2 BPSK	135	0	25.72	25.83	25.91	26.5	0.5
100	PI/2 BPSK	135	69	25.95	26.05	26.14	27.0	0.0
100	PI/2 BPSK	135	138	25.86	26.12	26.17	26.5	0.5
100	PI/2 BPSK	270	0	25.97	26.09	26.12		
100	QPSK	1	1	25.62	25.82	25.92		
100	QPSK	1	137	26.10	26.24	26.30	27.0	0.0
100	QPSK	1	271	26.05	26.22	26.23		
100	QPSK	135	0	25.25	25.43	25.41		
100	QPSK	135	69	25.85	26.15	26.16	27.0	0.0
100	QPSK	135	138	25.40	25.52	25.62		
100	QPSK	270	0	25.35	25.50	25.55	26.0	1.0
100	16QAM	1	1	24.69	24.91	24.89	26.0	1.0
100	64QAM	1	1	23.86	24.02	24.10	24.5	2.5
100	256QAM	1	1	21.64	21.69	21.75	22.5	4.5
Channel				645334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	27.0	0.0
80	QPSK	1	1	26.09	26.17	26.24		
Channel				645668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	27.0	0.0
60	QPSK	1	1	26.01	26.14	26.17		
Channel				644000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3900	27.0	0.0
40	QPSK	1	1	26.03	26.10	26.21		
Channel				643668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	27.0	0.0
30	QPSK	1	1	26.01	26.12	26.25		
Channel				643334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	27.0	0.0
20	QPSK	1	1	25.97	26.13	26.29		

Part27Q_n77(HPUE)_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)									
100	Pl2 BPSK	1	1		14.70		15.5	0.0	
100	Pl2 BPSK	1	137		14.91				
100	Pl2 BPSK	1	271		14.74		15.5	0.0	
100	Pl2 BPSK	135	0		14.71				
100	Pl2 BPSK	135	69		14.81		15.5	0.0	
100	Pl2 BPSK	135	138		14.84		15.5	0.0	
100	Pl2 BPSK	270	0		14.77		15.5	0.0	
100	QPSK	1	1		14.70				
100	QPSK	1	137		14.94		15.5	0.0	
100	QPSK	1	271		14.75				
100	QPSK	135	0		14.74		15.5	0.0	
100	QPSK	135	69		14.76				
100	QPSK	135	138		14.79		15.5	0.0	
100	QPSK	270	0		14.79		15.5	0.0	
100	16QAM	1	1		14.84				
100	64QAM	1	1		14.78		15.5	0.0	
100	256QAM	1	1		14.73		15.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.83	14.78	14.62	15.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.61	14.69	14.68	15.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.02	14.09	14.59	15.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.61	14.79	14.57	15.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.70	14.84	14.77	15.5	0.0	

Part27Q_n77(HPUE)_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)									
100	Pl2 BPSK	1	1	14.20	14.11	14.14	15.5	0.0	
100	Pl2 BPSK	1	137	14.27	14.17	14.17			
100	Pl2 BPSK	1	271	14.12	14.25	14.03	15.5	0.0	
100	Pl2 BPSK	135	0	14.12	14.29	14.25			
100	Pl2 BPSK	135	69	14.13	14.27	14.05	15.5	0.0	
100	Pl2 BPSK	135	138	14.07	14.16	14.13	15.5	0.0	
100	Pl2 BPSK	270	0	14.09	14.27	14.10	15.5	0.0	
100	QPSK	1	1	14.22	14.15	14.21			
100	QPSK	1	137	14.30	14.41	14.22	15.5	0.0	
100	QPSK	1	271	14.06	14.17	14.12			
100	QPSK	135	0	14.08	14.31	14.02	15.5	0.0	
100	QPSK	135	69	14.24	14.32	14.16			
100	QPSK	135	138	14.08	14.25	14.26	15.5	0.0	
100	QPSK	270	0	14.14	14.21	14.03			
100	16QAM	1	1	14.23	14.20	14.09	15.5	0.0	
100	64QAM	1	1	14.14	14.30	14.18	15.5	0.0	
100	256QAM	1	1	14.16	14.29	14.10	15.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	1	14.28	14.19	14.15	15.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	14.19	14.25	14.12	15.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	14.12	14.34	14.03	15.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	14.19	14.25	14.13	15.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	14.19	14.29	14.03	15.5	0.0	

Part27Q_n77(HPUE)_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1		24.46		25.5	0.0	
100	Pl2 BPSK	1	137		24.69				
100	Pl2 BPSK	1	271		24.62		25.0	0.5	
100	Pl2 BPSK	135	0		24.28				
100	Pl2 BPSK	135	69		24.39		25.5	0.0	
100	Pl2 BPSK	135	138		24.57		25.0	0.5	
100	Pl2 BPSK	270	0		24.53		25.5	0.0	
100	QPSK	1	1		24.47				
100	QPSK	1	137		24.75		25.5	0.0	
100	QPSK	1	271		24.63				
100	QPSK	135	0		23.84		25.5	0.0	
100	QPSK	135	69		24.43				
100	QPSK	135	138		23.87		24.5	1.0	
100	QPSK	270	0		23.86				
100	16QAM	1	1		24.01		24.5	1.0	
100	64QAM	1	1		22.41		23.0	2.5	
100	256QAM	1	1		20.03		21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	24.60	24.72	24.59	25.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.65	24.70	24.56	25.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.48	24.63	24.55	25.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.70	24.74	24.59	25.5	0.0	MPR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.63	24.74	24.64	25.5	0.0	MPR (dB)

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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)								
100	PI2 BPSK	1	1	23.83	23.72	23.53	25.5	0.0
100	PI2 BPSK	1	137	24.23	24.04	23.54		
100	PI2 BPSK	1	271	24.19	24.01	23.52		
100	PI2 BPSK	135	0	23.89	23.69	23.19	25.0	0.5
100	PI2 BPSK	135	69	23.92	23.74	23.56	25.5	0.0
100	PI2 BPSK	135	138	24.05	23.94	23.49	25.0	0.5
100	PI2 BPSK	270	0	24.02	23.85	23.43	25.5	0.0
100	QPSK	1	1	23.92	23.77	23.91		
100	QPSK	1	137	24.25	24.05	23.63		
100	QPSK	1	271	24.20	24.03	23.57	25.5	0.0
100	QPSK	135	0	23.38	23.19	22.71		
100	QPSK	135	69	23.96	23.75	23.25		
100	QPSK	135	138	23.42	23.28	22.84	24.5	1.0
100	QPSK	270	0	23.52	23.28	22.84	24.5	1.0
100	16QAM	1	1	23.62	23.44	22.97	24.5	1.0
100	64QAM	1	1	21.91	21.83	21.44	23.0	2.5
100	256QAM	1	1	18.99	19.47	19.16	21.0	4.5
Channel								
Frequency (MHz)								
80	QPSK	1	1	24.21	24.03	23.59	25.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	24.19	23.93	23.56	25.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	24.22	23.97	23.54	25.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	24.20	23.92	23.61	25.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	24.23	23.91	23.57	25.5	0.0

Part270_n77(HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		21.54		22.5	0.0
100	PI2 BPSK	1	137		21.70			
100	PI2 BPSK	1	271		21.78			
100	PI2 BPSK	135	0		21.48		22.0	0.5
100	PI2 BPSK	135	69		21.63		22.5	0.0
100	PI2 BPSK	135	138		21.68		22.0	0.5
100	PI2 BPSK	270	0		21.58		22.5	0.0
100	QPSK	1	1		21.56			
100	QPSK	1	137		21.79			
100	QPSK	1	271		21.78		22.5	0.0
100	QPSK	135	0		20.55			
100	QPSK	135	69		21.65			
100	QPSK	135	138		20.72		21.5	1.0
100	QPSK	270	0		20.81		21.5	1.0
100	16QAM	1	1		21.18		21.5	1.0
100	64QAM	1	1		18.96		20.0	2.5
100	256QAM	1	1		16.94		18.0	4.5
Channel								
Frequency (MHz)								
80	QPSK	1	1	21.49	21.61	21.55	22.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	21.64	21.70	21.65	22.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	21.66	21.72	21.63	22.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	21.51	21.61	21.52	22.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	21.70	21.75	21.60	22.5	0.0

Part270_n77(HPUE)_Ant 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	21.19	21.23	20.96	22.5	0.0
100	PI2 BPSK	1	137	21.51	21.31	21.17		
100	PI2 BPSK	1	271	21.42	21.26	21.04		
100	PI2 BPSK	135	0	21.23	21.09	20.92	22.0	0.5
100	PI2 BPSK	135	69	21.35	21.19	21.03	22.5	0.0
100	PI2 BPSK	135	138	21.45	21.31	21.06	22.0	0.5
100	PI2 BPSK	270	0	21.28	21.24	21.00	22.5	0.0
100	QPSK	1	1	21.28	21.27	20.98		
100	QPSK	1	137	21.53	21.40	21.20		
100	QPSK	1	271	21.48	21.38	21.09	22.5	0.0
100	QPSK	135	0	20.36	20.28	20.08		
100	QPSK	135	69	21.28	21.11	21.00		
100	QPSK	135	138	20.42	20.26	20.03	21.5	1.0
100	QPSK	270	0	20.65	20.52	20.26	21.5	1.0
100	16QAM	1	1	20.88	20.71	20.49	21.5	1.0
100	64QAM	1	1	18.67	18.61	18.48	20.0	2.5
100	256QAM	1	1	16.79	16.71	16.46	18.0	4.5
Channel								
Frequency (MHz)								
80	QPSK	1	1	21.48	21.28	21.08	22.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	21.47	21.31	21.13	22.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	21.51	21.27	21.10	22.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	21.48	21.32	21.14	22.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	21.43	21.31	21.15	22.5	0.0

Part27Q_n78(HPUE)_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)								
100	PI2 BPSK	1	1		26.11			
100	PI2 BPSK	1	137		26.19		27.0	0.0
100	PI2 BPSK	1	271		26.24			
100	PI2 BPSK	135	0		26.13		26.5	0.5
100	PI2 BPSK	135	69		26.03		27.0	0.0
100	PI2 BPSK	135	138		26.27		26.5	0.5
100	PI2 BPSK	270	0		26.20			
100	QPSK	1	1		26.14			
100	QPSK	1	137		26.28		27.0	0.0
100	QPSK	1	271		26.27			
100	QPSK	135	0		25.55			
100	QPSK	135	69		26.15		27.0	0.0
100	QPSK	135	138		26.19			
100	QPSK	270	0		25.33		26.0	1.0
100	16QAM	1	1		25.04		26.0	1.0
100	64QAM	1	1		23.82		24.5	2.5
100	256QAM	1	1		21.73		22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
				3495	3499.98	3504.99		
90	QPSK	1	1	26.14	26.21	26.13	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	632066	633332	634600	Tune-up limit (dBm)	MPR (dB)
				3490.02	3499.98	3510		
80	QPSK	1	1	26.07	26.18	26.16	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
				3493.01	3499.98	3514.98		
70	QPSK	1	1	26.14	26.22	26.15	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
				3480	3499.98	3519.99		
60	QPSK	1	1	26.01	26.13	26.12	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	631666	633332	635000	Tune-up limit (dBm)	MPR (dB)
				3475.02	3499.98	3505		
50	QPSK	1	1	26.03	26.13	25.99	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	631334	633332	635332	Tune-up limit (dBm)	MPR (dB)
				3470.01	3499.98	3529.98		
40	QPSK	1	1	26.13	26.21	26.16	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	631000	633332	635666	Tune-up limit (dBm)	MPR (dB)
				3465	3499.98	3534.99		
30	QPSK	1	1	26.07	26.16	26.15	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	630666	633332	636000	Tune-up limit (dBm)	MPR (dB)
				3460.02	3499.98	3540		
20	QPSK	1	1	26.11	26.14	26.09	27.0	0.0

Part27O_n78(HPUE)_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)								
100	PI2 BPSK	1	1		25.89			
100	PI2 BPSK	1	137		26.03		27.0	0.0
100	PI2 BPSK	1	271		25.90			
100	PI2 BPSK	135	0		26.02		26.5	0.5
100	PI2 BPSK	135	69		25.85		27.0	0.0
100	PI2 BPSK	135	138		26.07		26.5	0.5
100	PI2 BPSK	270	0		25.97			
100	QPSK	1	1		25.34			
100	QPSK	1	137		26.10		27.0	0.0
100	QPSK	1	271		26.00			
100	QPSK	135	0		25.33			
100	QPSK	135	69		25.99		27.0	0.0
100	QPSK	135	138		25.98			
100	QPSK	270	0		25.14		26.0	1.0
100	16QAM	1	1		24.88		26.0	1.0
100	64QAM	1	1		23.55		24.5	2.5
100	256QAM	1	1		21.61		22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	648666	650000	650332	Tune-up limit (dBm)	MPR (dB)
				3745.02	3750	3754.98		
90	QPSK	1	1	25.97	25.98	25.84	27.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	648000	650000	651000	Tune-up limit (dBm)	MPR (dB)
				3735	3750	3765		
80	QPSK	1	1	25.99	26.02	25.97	27.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	648666	650000	651332	Tune-up limit (dBm)	MPR (dB)
				3730.02	3750	3769.98		
70	QPSK	1	1	25.93	26.07	25.96	27.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
				3725.01	3750	3774.98		
60	QPSK	1	1	25.91	26.03	26.02	27.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	1	648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
				3720	3750	3780		
50	QPSK	1	1	25.96	26.06	25.98	27.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	1	647666	650000	652332	Tune-up limit (dBm)	MPR (dB)
				3715.02	3750	3784.98		
40	QPSK	1	1	25.86	25.99	25.91	27.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	1	647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
				3710.01	3750	3789.98		
30	QPSK	1	1	25.91	25.98	25.89	27.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	1	647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
				3705	3750	3795		
20	QPSK	1	1	25.94	25.95	25.85	27.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1		14.73			
100	PI2 BPSK	1	137		14.77		15.5	0.0
100	PI2 BPSK	1	271		14.76			
100	PI2 BPSK	135	0		14.71		15.5	0.0
100	PI2 BPSK	135	69		14.73		15.5	0.0
100	PI2 BPSK	135	138		14.78		15.5	0.0
100	PI2 BPSK	270	0		14.81			
100	QPSK	1	1		14.80			
100	QPSK	1	137		14.90		15.5	0.0
100	QPSK	1	271		14.79			
100	QPSK	135	0		14.77			
100	QPSK	135	69		14.66		15.5	0.0
100	QPSK	135	138		14.87			
100	QPSK	270	0		14.72		15.5	0.0
100	16QAM	1	1		14.63		15.5	0.0
100	64QAM	1	1		14.69		15.5	0.0
100	256QAM	1	1		14.68		15.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	1	633000	633332	633666	Tune-up limit (dBm)	MPR (dB)
				3495	3499.98	3504.99		
90	QPSK	1	1	14.51	14.73	14.58	15.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	1	632066	633332	634600	Tune-up limit (dBm)	MPR (dB)
				3490.02	3499.98	3510		
80	QPSK	1	1	14.51	14.66	14.59	15.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	1	632334	633332	634332	Tune-up limit (dBm)	MPR (dB)
				3493.01	3499.98	3514.98		
70	QPSK	1	1	14.62	14.55	14.63	15.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	1	632000	633332	634666	Tune-up limit (dBm)	MPR (dB)
				3480	3499.98	3519.99		

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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				63332		3499.98			
Frequency (MHz)									
100	PI2 BPSK	1	1	21.47			22.5	0.0	
100	PI2 BPSK	1	137	21.53					
100	PI2 BPSK	1	271	21.46					
100	PI2 BPSK	135	0	21.16			22.0	0.5	
100	PI2 BPSK	135	69	21.41					
100	PI2 BPSK	135	138	21.54					
100	PI2 BPSK	270	0	21.43			22.0	0.5	
100	QPSK	1	1	21.48					
100	QPSK	1	137	21.60					
100	QPSK	1	271	21.54			22.5	0.0	
100	QPSK	135	0	21.08					
100	QPSK	135	69	21.69					
100	QPSK	135	138	20.34			22.5	0.0	
100	QPSK	270	0	20.33					
100	16QAM	1	1	20.47				21.5	
100	64QAM	1	1	18.88			20.0	2.5	
100	256QAM	1	1	18.70				4.5	
Channel				633000	633332	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3499.98	3504.99	(dBm)	(dB)	
90	QPSK	1	1	21.47	21.51	21.48	22.5	0.0	
Channel				632866	633332	634800	Tune-up limit	MPR	
Frequency (MHz)				3480.02	3489.98	3495	(dBm)	(dB)	
80	QPSK	1	1	21.56	21.57	21.51	22.5	0.0	
Channel				632334	633332	634332	Tune-up limit	MPR	
Frequency (MHz)				3455.01	3459.98	3514.98	(dBm)	(dB)	
70	QPSK	1	1	21.41	21.50	21.41	22.5	0.0	
Channel				632000	633332	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3499.98	3519.99	(dBm)	(dB)	
60	QPSK	1	1	21.54	21.57	21.49	22.5	0.0	
Channel				631666	633332	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3489.98	3505	(dBm)	(dB)	
50	QPSK	1	1	21.46	21.49	21.47	22.5	0.0	
Channel				631334	633332	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3459.98	3529.98	(dBm)	(dB)	
40	QPSK	1	1	21.59	21.53	21.53	22.5	0.0	
Channel				631000	633332	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3499.98	3534.99	(dBm)	(dB)	
30	QPSK	1	1	21.38	21.52	21.43	22.5	0.0	
Channel				630666	633332	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3489.98	3540	(dBm)	(dB)	
20	QPSK	1	1	21.39	21.49	21.34	22.5	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				650000		3750			
Frequency (MHz)									
100	PI2 BPSK	1	1	21.01			22.5	0.0	
100	PI2 BPSK	1	137	21.30					
100	PI2 BPSK	1	271	21.06					
100	PI2 BPSK	135	0	20.86			22.0	0.5	
100	PI2 BPSK	135	69	21.11					
100	PI2 BPSK	135	138	21.16					
100	PI2 BPSK	270	0	21.16			22.0	0.5	
100	QPSK	1	1	21.08					
100	QPSK	1	137	21.35					
100	QPSK	1	271	21.16			22.5	0.0	
100	QPSK	135	0	20.75					
100	QPSK	135	69	21.54					
100	QPSK	135	138	20.03			22.5	0.0	
100	QPSK	270	0	19.93					
100	16QAM	1	1	20.20				21.5	
100	64QAM	1	1	18.54			20.0	2.5	
100	256QAM	1	1	18.40				4.5	
Channel				649668	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	QPSK	1	1	21.15	21.22	21.08	22.5	0.0	
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.98	(dBm)	(dB)	
80	QPSK	1	1	21.19	21.29	21.23	22.5	0.0	
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	1	21.14	21.25	21.23	22.5	0.0	
Channel				648668	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	QPSK	1	1	21.25	21.34	21.27	22.5	0.0	
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.98	(dBm)	(dB)	
50	QPSK	1	1	21.18	21.33	21.19	22.5	0.0	
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	1	21.19	21.21	21.09	22.5	0.0	
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	QPSK	1	1	21.19	21.34	21.20	22.5	0.0	
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.98	(dBm)	(dB)	
20	QPSK	1	1	21.15	21.25	21.16	22.5	0.0	