

Band 7 Ant (1D50)									
Site (2016)	Station	IRIS ID	IRIS Code	Start (20/17hrs)	End (20/17hrs)	Start (20/17hrs)	End (20/17hrs)	Lat (deg)	Long (deg)
Chelone									
Frequency (MHz)									
001	QPR1	1	0	23.00	23.00	24.10	24.10	25	0
002	QPR1	1	0	24.10	24.10	25.20	25.20		
003	QPR1	1	0	25.20	25.20	26.30	26.30		
004	QPR1	1	0	26.30	26.30	27.40	27.40		
005	QPR1	1	0	27.40	27.40	28.50	28.50	24	1
006	QPR1	1	0	28.50	28.50	29.60	29.60		
007	QPR1	1	0	29.60	29.60	30.70	30.70		
008	QPR1	1	0	30.70	30.70	31.80	31.80		
009	QPR1	1	0	31.80	31.80	32.90	32.90	24	1
010	QPR1	1	0	32.90	32.90	34.00	34.00		
011	QPR1	1	0	34.00	34.00	35.10	35.10		
012	QPR1	1	0	35.10	35.10	36.20	36.20		
013	QPR1	1	0	36.20	36.20	37.30	37.30	23	2
014	QPR1	1	0	37.30	37.30	38.40	38.40		
015	QPR1	1	0	38.40	38.40	39.50	39.50		
016	QPR1	1	0	39.50	39.50	40.60	40.60		
017	QPR1	1	0	40.60	40.60	41.70	41.70	23	2
018	QPR1	1	0	41.70	41.70	42.80	42.80		
019	QPR1	1	0	42.80	42.80	43.90	43.90		
020	QPR1	1	0	43.90	43.90	45.00	45.00		
021	QPR1	1	0	45.00	45.00	46.10	46.10	22	3
022	QPR1	1	0	46.10	46.10	47.20	47.20		
023	QPR1	1	0	47.20	47.20	48.30	48.30		
024	QPR1	1	0	48.30	48.30	49.40	49.40		
025	QPR1	1	0	49.40	49.40	50.50	50.50	22	3
026	QPR1	1	0	50.50	50.50	51.60	51.60		
027	QPR1	1	0	51.60	51.60	52.70	52.70		
028	QPR1	1	0	52.70	52.70	53.80	53.80		
029	QPR1	1	0	53.80	53.80	54.90	54.90	21	4
030	QPR1	1	0	54.90	54.90	56.00	56.00		
031	QPR1	1	0	56.00	56.00	57.10	57.10		
032	QPR1	1	0	57.10	57.10	58.20	58.20		
033	QPR1	1	0	58.20	58.20	59.30	59.30	21	4
034	QPR1	1	0	59.30	59.30	60.40	60.40		
035	QPR1	1	0	60.40	60.40	61.50	61.50		
036	QPR1	1	0	61.50	61.50	62.60	62.60		
037	QPR1	1	0	62.60	62.60	63.70	63.70	20	5
038	QPR1	1	0	63.70	63.70	64.80	64.80		
039	QPR1	1	0	64.80	64.80	65.90	65.90		
040	QPR1	1	0	65.90	65.90	67.00	67.00		

Band 7_Ant 3(DS10)									
SW (MHz)	Subband	FEQ (MHz)	FB (MHz)	Start Ch. (MHz)	Stop Ch. (MHz)	Start Ch. (MHz)	Stop Ch. (MHz)	Trans. BW (MHz)	SPR (dB)
Frequency (MHz)									
20	QPSK	150	0	13.80	13.80	13.80	13.80	15	0
20	QPSK	150	0	14.20	14.20	14.20	14.20	15	0
20	QPSK	150	0	14.60	14.60	14.60	14.60	15	0
20	QPSK	150	0	15.00	15.00	15.00	15.00	15	0
20	QPSK	150	0	15.40	15.40	15.40	15.40	15	0
20	QPSK	150	0	15.80	15.80	15.80	15.80	15	0
20	QPSK	150	0	16.20	16.20	16.20	16.20	15	0
20	QPSK	150	0	16.60	16.60	16.60	16.60	15	0
20	QPSK	150	0	17.00	17.00	17.00	17.00	15	0
20	QPSK	150	0	17.40	17.40	17.40	17.40	15	0
20	QPSK	150	0	17.80	17.80	17.80	17.80	15	0
20	QPSK	150	0	18.20	18.20	18.20	18.20	15	0
20	QPSK	150	0	18.60	18.60	18.60	18.60	15	0
20	QPSK	150	0	19.00	19.00	19.00	19.00	15	0
20	QPSK	150	0	19.40	19.40	19.40	19.40	15	0
20	QPSK	150	0	19.80	19.80	19.80	19.80	15	0
20	QPSK	150	0	20.20	20.20	20.20	20.20	15	0
20	QPSK	150	0	20.60	20.60	20.60	20.60	15	0
20	QPSK	150	0	21.00	21.00	21.00	21.00	15	0
20	QPSK	150	0	21.40	21.40	21.40	21.40	15	0
20	QPSK	150	0	21.80	21.80	21.80	21.80	15	0
20	QPSK	150	0	22.20	22.20	22.20	22.20	15	0
20	QPSK	150	0	22.60	22.60	22.60	22.60	15	0
20	QPSK	150	0	23.00	23.00	23.00	23.00	15	0
20	QPSK	150	0	23.40	23.40	23.40	23.40	15	0
20	QPSK	150	0	23.80	23.80	23.80	23.80	15	0
20	QPSK	150	0	24.20	24.20	24.20	24.20	15	0
20	QPSK	150	0	24.60	24.60	24.60	24.60	15	0
20	QPSK	150	0	25.00	25.00	25.00	25.00	15	0
20	QPSK	150	0	25.40	25.40	25.40	25.40	15	0
20	QPSK	150	0	25.80	25.80	25.80	25.80	15	0
20	QPSK	150	0	26.20	26.20	26.20	26.20	15	0
20	QPSK	150	0	26.60	26.60	26.60	26.60	15	0
20	QPSK	150	0	27.00	27.00	27.00	27.00	15	0
20	QPSK	150	0	27.40	27.40	27.40	27.40	15	0
20	QPSK	150	0	27.80	27.80	27.80	27.80	15	0
20	QPSK	150	0	28.20	28.20	28.20	28.20	15	0
20	QPSK	150	0	28.60	28.60	28.60	28.60	15	0
20	QPSK	150	0	29.00	29.00	29.00	29.00	15	0
20	QPSK	150	0	29.40	29.40	29.40	29.40	15	0
20	QPSK	150	0	29.80	29.80	29.80	29.80	15	0
20	QPSK	150	0	30.20	30.20	30.20	30.20	15	0
20	QPSK	150	0	30.60	30.60	30.60	30.60	15	0
20	QPSK	150	0	31.00	31.00	31.00	31.00	15	0
20	QPSK								

Band 7_Ant 5(S101)										
Obs ID	Mode	File Size	File Offset	Start Ch. (MHz)	End Ch. (MHz)	Start Freq. (MHz)	End Freq. (MHz)	Start Time (UTC)	Stop Time (UTC)	Notes
1	Normal	1	0	16.320	16.224	16.270	16.314	15	0	
2	Normal	1	0	16.320	16.224	16.270	16.314	15	0	
3	Normal	1	0	16.320	16.224	16.270	16.314	15	0	
4	Normal	1	0	16.320	16.224	16.270	16.314	15	0	
5	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
6	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
7	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
8	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
9	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
10	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
11	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
12	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
13	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
14	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
15	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
16	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
17	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
18	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
19	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
20	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
21	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
22	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
23	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
24	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
25	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
26	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
27	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
28	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
29	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
30	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
31	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
32	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
33	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
34	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
35	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
36	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
37	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
38	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
39	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
40	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
41	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
42	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
43	Normal	1	0	16.440	16.220	16.330	16.270	15	0	
44	Normal	1	0	16.440						

Band 66 Ant 1 (DS10)													
DSB (MHz)	Subcarrier	File Size	File Desc	Start Ch. (MHz)	End Ch. (MHz)	Start Freq. (MHz)	End Freq. (MHz)	Start Time (min)	End Time (min)	Start Date (mm/dd/yyyy)	End Date (mm/dd/yyyy)	Start Date (mm/dd/yyyy)	End Date (mm/dd/yyyy)
20	QPSK	1	5	23.72	23.80	23.72	23.80	23.72	23.80	24.5	0		
20	QPSK	1	6	23.72	23.80	23.72	23.80	23.72	23.80	24.5	0		
20	QPSK	1	8	23.68	23.80	23.68	23.80	23.68	23.80	24.5	0		
20	QPSK	1	9	23.68	23.80	23.68	23.80	23.68	23.80	24.5	0		
20	QPSK	1	10	23.64	23.80	23.64	23.80	23.64	23.80	24.5	0		
20	QPSK	1	11	23.64	23.80	23.64	23.80	23.64	23.80	24.5	0		
20	QPSK	1	12	23.60	23.80	23.60	23.80	23.60	23.80	24.5	0		
20	QPSK	1	13	23.60	23.80	23.60	23.80	23.60	23.80	24.5	0		
20	QPSK	1	14	23.56	23.80	23.56	23.80	23.56	23.80	24.5	0		
20	QPSK	1	15	23.56	23.80	23.56	23.80	23.56	23.80	24.5	0		
20	QPSK	1	16	23.52	23.80	23.52	23.80	23.52	23.80	24.5	0		
20	QPSK	1	17	23.52	23.80	23.52	23.80	23.52	23.80	24.5	0		
20	QPSK	1	18	23.48	23.80	23.48	23.80	23.48	23.80	24.5	0		
20	QPSK	1	19	23.48	23.80	23.48	23.80	23.48	23.80	24.5	0		
20	QPSK	1	20	23.44	23.80	23.44	23.80	23.44	23.80	24.5	0		
20	QPSK	1	21	23.44	23.80	23.44	23.80	23.44	23.80	24.5	0		
20	QPSK	1	22	23.40	23.80	23.40	23.80	23.40	23.80	24.5	0		
20	QPSK	1	23	23.40	23.80	23.40	23.80	23.40	23.80	24.5	0		
20	QPSK	1	24	23.36	23.80	23.36	23.80	23.36	23.80	24.5	0		
20	QPSK	1	25	23.36	23.80	23.36	23.80	23.36	23.80	24.5	0		
20	QPSK	1	26	23.32	23.80	23.32	23.80	23.32	23.80	24.5	0		
20	QPSK	1	27	23.32	23.80	23.32	23.80	23.32	23.80	24.5	0		
20	QPSK	1	28	23.28	23.80	23.28	23.80	23.28	23.80	24.5	0		
20	QPSK	1	29	23.28	23.80	23.28	23.80	23.28	23.80	24.5	0		
20	QPSK	1	30	23.24	23.80	23.24	23.80	23.24	23.80	24.5	0		
20	QPSK	1	31	23.24	23.80	23.24	23.80	23.24	23.80	24.5	0		
20	QPSK	1	32	23.20	23.80	23.20	23.80	23.20	23.80	24.5	0		
20	QPSK	1	33	23.20	23.80	23.20	23.80	23.20	23.80	24.5	0		
20	QPSK	1	34	23.16	23.80	23.16	23.80	23.16	23.80	24.5	0		
20	QPSK	1	35	23.16	23.80	23.16	23.80	23.16	23.80	24.5	0		
20	QPSK	1	36	23.12	23.80	23.12	23.80	23.12	23.80	24.5	0		
20	QPSK	1	37	23.12	23.80	23.12	23.80	23.12	23.80	24.5	0		
20	QPSK	1	38	23.08	23.80	23.08	23.80	23.08	23.80	24.5	0		
20	QPSK	1	39	23.08	23.80	23.08	23.80	23.08	23.80	24.5	0		
20	QPSK	1	4										

[illegible]

[illegible]

Band 5 Ant 0 (DS1)										
Ref	BSF	Antenna	PRB Size	PRB Offset	Start Freq (MHz)	End Freq (MHz)	Start Freq (MHz)	End Freq (MHz)	Time Slot	Power (dBm)
Channel 1										
1	0	0	1	0	26.11	26.16	26.14	26.19	24	0
2	0	1	1	0	26.17	26.22	26.20	26.25		
3	0	2	1	0	26.23	26.28	26.26	26.31		
4	0	3	1	0	26.29	26.34	26.32	26.37		
5	0	4	1	0	26.35	26.40	26.38	26.43	24	0
6	0	5	1	0	26.41	26.46	26.44	26.49		
7	0	6	1	0	26.47	26.52	26.50	26.55		
8	0	7	1	0	26.53	26.58	26.56	26.61		
9	0	8	1	0	26.59	26.64	26.62	26.67	24	0
10	0	9	1	0	26.65	26.70	26.68	26.73		
11	0	10	1	0	26.71	26.76	26.74	26.79		
12	0	11	1	0	26.77	26.82	26.80	26.85		
13	0	12	1	0	26.83	26.88	26.86	26.91	24	0
14	0	13	1	0	26.89	26.94	26.92	26.97		
15	0	14	1	0	26.95	27.00	26.98	27.03		
16	0	15	1	0	27.01	27.06	27.04	27.09		
17	0	16	1	0	27.07	27.12	27.10	27.15	23	1.5
18	0	17	1	0	27.13	27.18	27.16	27.21		
19	0	18	1	0	27.19	27.24	27.22	27.27		
20	0	19	1	0	27.25	27.30	27.28	27.33		
Channel 2										
1	0	0	1	0	27.35	27.40	27.38	27.43	24	0
2	0	1	1	0	27.41	27.46	27.44	27.49		
3	0	2	1	0	27.47	27.52	27.50	27.55		
4	0	3	1	0	27.53	27.58	27.56	27.61		
5	0	4	1	0	27.59	27.64	27.62	27.67	24	0
6	0	5	1	0	27.65	27.70	27.68	27.73		
7	0	6	1	0	27.71	27.76	27.74	27.79		
8	0	7	1	0	27.77	27.82	27.80	27.85		
9	0	8	1	0	27.83	27.88	27.86	27.91	24	0
10	0	9	1	0	27.89	27.94	27.92	27.97		
11	0	10	1	0	27.95	28.00	27.98	28.03		
12	0	11	1	0	28.01	28.06	28.04	28.09		
13	0	12	1	0	28.07	28.12	28.10	28.15	23	1.5
14	0	13	1	0	28.13	28.18	28.16	28.21		
15	0	14	1	0	28.19	28.24	28.22	28.27		
16	0	15	1	0	28.25	28.30	28.28	28.33		
Channel 3										
1	0	0	1	0	28.35	28.40	28.38	28.43	24	0
2	0	1	1	0	28.41	28.46	28.44	28.49		
3	0	2	1	0	28.47	28.52	28.50	28.55		
4	0	3	1	0	28.53	28.58	28.56	28.61		
5	0	4	1	0	28.59	28.64	28.62	28.67	24	0
6	0	5	1	0	28.65	28.70	28.68	28.73		
7	0	6	1	0	28.71	28.76	28.74	28.79		
8	0	7	1	0	28.77	28.82	28.80	28.85		
9	0	8	1	0	28.83	28.88	28.86	28.91	24	0
10	0	9	1	0	28.89	28.94	28.92	28.97		
11	0	10	1	0	28.95	29.00	28.98	29.03		
12	0	11	1	0	29.01	29.06	29.04	29.09		
13	0	12	1	0	29.07	29.12	29.10	29.15	23	1.5
14	0	13	1	0	29.13	2				

Band 5_Ant 2(DS1)										
Set (MHz)	Modulation	PRB Size	PRB Offset	Carrier Freq. (MHz)	Carrier Freq. (MHz)	Carrier Freq. (MHz)	Carrier Freq. (MHz)	Time slot (ms)	Mpts (pts)	
Channel 1										
15	QPSK	1	0	26.177	26.260	26.343	26.426	12	0	
15	QPSK	1	0	26.177	26.260	26.343	26.426			
15	QPSK	1	0	26.177	26.260	26.343	26.426			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602	12	0	
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602	12	0	
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602	12	0	
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602	12	0	
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
15	QPSK	25	12	26.089	26.260	26.431	26.602			
Channel 2										
15	QPSK	1	0	26.576	26.572	26.573	26.574	12	0	
15	QPSK	1	0	26.576	26.572	26.573	26.574			
15	QPSK	1	0	26.576	26.572	26.573	26.574			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784	12	0	
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784	12	0	
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784	12	0	
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
15	QPSK	12	13	26.460	26.568	26.676	26.784			
Channel 3										
15	QPSK	1	0	26.975	26.972	26.973	26.974	12	0	
15	QPSK	1	0	26.975	26.972	26.973	26.974			
15	QPSK	1	0	26.975	26.972	26.973	26.974			
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977	26.976	26.975	12	0	
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977	26.976	26.975	12	0	
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977	26.976	26.975			
15	QPSK	12	7	26.767	26.977					

[illegible]

Band 7_Ant 1(DS11)										
SP (MHz)	Modulation	RB Size	RB Offset	Power Lvl Ch./TxPower	Power Lvl MBSA Ch./TxPower	Power Lvl PDSCH Ch./TxPower	Time-slot and offset	MBSA MBS		
Channel										
20	QPSK	1	0	18.96	18.96	18.96	21	0		
20	QPSK	1	48	18.92	18.92	18.92				
20	QPSK	1	96	18.90	18.90	18.90				
20	QPSK	36	0	20.08	20.07	20.08				
20	QPSK	36	48	20.05	20.04	20.05				
20	QPSK	36	96	20.04	20.03	20.04				
20	QPSK	1	0	19.12	19.02	19.06	21	0		
20	QPSK	1	48	19.07	18.97	18.99				
20	QPSK	1	96	19.05	18.95	18.94				
20	QPSK	36	0	19.79	19.69	19.67				
20	QPSK	36	48	19.76	19.66	19.65				
20	QPSK	36	96	19.74	19.64	19.64				
20	QPSK	1	0	19.87	19.77	19.79	21	0		
20	QPSK	1	48	19.82	19.72	19.74				
20	QPSK	1	96	19.80	19.70	19.70				
20	QPSK	36	0	20.07	20.06	20.07				
20	QPSK	36	48	20.04	20.03	20.04				
20	QPSK	36	96	20.03	20.02	20.03				
Channel										
15	QPSK	1	0	20.03	20.03	20.03	20	0		
15	QPSK	1	48	20.01	20.01	20.01				
15	QPSK	1	96	20.00	20.00	20.00				
15	QPSK	1	74	20.00	20.00	20.00				
15	QPSK	36	0	20.12	20.12	20.12	21	0		
15	QPSK	36	48	20.10	20.10	20.10				
15	QPSK	36	96	20.09	20.09	20.09				
15	QPSK	1	0	20.13	20.13	20.13	21	0		
15	QPSK	1	48	20.11	20.11	20.11				
15	QPSK	1	96	20.10	20.10	20.10				
15	QPSK	36	0	20.24	20.24	20.24	21	0		
15	QPSK	36	48	20.22	20.22	20.22				
15	QPSK	36	96	20.21	20.21	20.21				
15	QPSK	1	0	20.26	20.26	20.26	21	0		
15	QPSK	1	48	20.24	20.24	20.24				
15	QPSK	1	96	20.23	20.23	20.23				
Channel										
2005	QPSK	1	0	18.96	18.96	18.96	20	0		
2005	QPSK	1	48	18.92	18.92	18.92				
2005	QPSK	1	96	18.90	18.90	18.90				
2005	QPSK	36	0	20.08	20.07	20.08				
2005	QPSK	36	48	20.05	20.04	20.05				
2005	QPSK	36	96	20.04	20.03	20.04				
2005	QPSK	1	0	19.12	19.02	19.06	20	0		
2005	QPSK	1	48	19.07	18.97	18.99				
2005	QPSK	1	96	19.05	18.95	18.94				
2005	QPSK	36	0	19.79	19.69	19.67				
2005	QPSK	36	48	19.76	19.66	19.65				
2005	QPSK	36	96	19.74	19.64	19.64				
2005	QPSK	1	0	19.87	19.77	19.79	20	0		
2005	QPSK	1	48	19.82	19.72	19.74				
2005	QPSK	1	96	19.80	19.70	19.70				
2005	QPSK	36	0	20.07	20.06	20.07				
2005	QPSK	36	48	20.04	20.03	20.04				
2005	QPSK	36	96	20.03	20.02	20.03				
Channel										
2005	QPSK	1	0	20.03	20.03	20.03	20	0		
2005	QPSK	1	48	20.01	20.01	20.01				
2005	QPSK	1	96	20.00	20.00	20.00				
2005	QPSK	1	74	20.00	20.00	20.00				
2005	QPSK	36	0	20.12	20.12	20.12	20	0		
2005	QPSK	36	48	20.10	20.10	20.10				
2005	QPSK	36	96	20.09	20.09	20.09				
2005	QPSK	1	0	20.13	20.13	20.13	20	0		
2005	QPSK	1	48	20.11	20.11	20.11				
2005	QPSK	1	96	20.10	20.10	20.10				
2005	QPSK	36	0	20.24	20.24	20.24	20	0		
2005	QPSK	36	48	20.22	20.22	20.22				
2005	QPSK	36	96	20.21	20.21	20.21				
2005	QPSK	1	0	20.26	20.26	20.26	20	0		
2005	QPSK	1	48	20.24	20.24	20.24				
2005	QPSK	1	96	20.23	20.23	20.23				
Channel										
2005	QPSK	1	0	18.96	18.96	18.96	20	0		
2005	QPSK	1	48	18.92	18.92	18.92				
2005	QPSK	1	96	18.90	18.90	18.90				
2005	QPSK	36	0	20.08	20.07	20.08				
2005	QPSK	36	48	20.05	20.04	20.05				
2005	QPSK	36	96	20.04	20.03	20.04				
2005	QPSK	1	0	19.12	19.02	19.06	20	0		
2005	QPSK	1	48	19.07	18.97	18.99				
2005	QPSK	1	96	19.05	18.95	18.94				
2005	QPSK	36	0	19.79	19.69	19.67				
2005	QPSK	36	48	19.76	19.66	19.65				
2005	QPSK	36	96	19.74	19.64	19.64				
2005	QPSK	1	0	19.87	19.77	19.79	20	0		
2005	QPSK	1	48	19.82	19.72	19.74				
2005	QPSK	1	96	19.80	19.70	19.70				
2005	QPSK	36	0	20.07	20.06	20.07				
2005	QPSK	36	48	20.04	20.03	20.04				
2005	QPSK	36	96	20.03	20.02	20.03				
Channel										
2005	QPSK	1	0	20.03	20.03	20.03	20	0		
2005	QPSK	1	48	20.01	20.01	20.01				
2005	QPSK	1	96	20.00	20.00	20.00				
2005	QPSK	1	74	20.00	20.00	20.00				
2005	QPSK	36	0	20.12	20.12	20.12	20	0		
2005	QPSK	36	48	20.10	20.10	20.10				
2005	QPSK	36	96	20.09	20.09	20.09				
2005	QPSK	1	0	20.13	20.13	20.13	20	0		
2005	QPSK	1	48	20.11	20.11	20.11				
2005	QPSK	1	96	20.10	20.10	20.10				
2005	QPSK	36	0	20.24	20.24	20.24	20	0		
2005	QPSK	36	48	20.22	20.22	20.22				
2005	QPSK	36	96	20.21	20.21	20.21				
2005	QPSK	1	0	20.26	20.26	20.26	20	0		
2005	QPSK	1	48	20.24	20.24	20.24				
2005	QPSK	1	96	20.23	20.23	20.23				
Channel										
2005	QPSK	1	0	18.96	18.96	18.96	20	0		
2005	QPSK	1	48	18.92	18.92	18.92				
2005	QPSK	1	96	18.90	18.90	18.90				
2005	QPSK	36	0	20.08	20.07	20.08				
2005	QPSK	36	48	20.05	20.04	20.05				
2005	QPSK	36	96	20.04	20.03	20.04				
2005	QPSK	1	0	19.12	19.02	19.06	20	0		
2005	QPSK	1	48	19.07	18.97	18.99				
2005	QPSK	1	96	19.05	18.95	18.94				
2005	QPSK	36	0	19.79	19.69	19.67				
2005	QPSK	36	48	19.76	19.66	19.65				
2005	QPSK	36	96	19.74	19.64	19.64				
2005	QPSK	1	0	19.87	19.77	19.79	20	0		
2005	QPSK	1	48	19.82	19.72	19.74				
2005	QPSK	1	96	19.80	19.70	19.70				
2005	QPSK	36	0	20.07	20.06	20.07				
2005	QPSK	36	48	20.04	20.03	20.04				
2005	QPSK	36	96	20.03	20.02	20.03				
Channel										
2005	QPSK	1	0	20.03	20.03	20.03	20	0		
2005	QPSK	1	48	20.01	20.01	20.01				
2005	QPSK	1	96	20.00	20.00	20.00				
2005	QPSK	1	74	20.00	20.00	20.00				
2005	QPSK	36	0	20.12	20.12	20.12	20	0		
2005	QPSK	36	48	20.10	20.10	20.10				
2005	QPSK	36	96	20.09	20.09	20.09				
2005	QPSK	1	0	20.13	20.13	20.13	20	0		
2005	QPSK	1	48	20.11	20.11	20.11				
2005	QPSK	1	96	20.10	20.10	20.10				
2005	QPSK	36	0	20.24	20.24	20.24	20	0		
2005	QPSK	36	48	20.22	20.22	20.22				
2005	QPSK	36	96	20.21	20.21	20.21				
2005	QPSK	1	0	20.26	20.26	20.26	20	0		
2005	QPSK	1	48	20.24	20.24	20.24				
2005	QPSK	1	96	20.23	20.23	20.23				
Channel										
2005	QPSK	1	0	18.96	18.96	18.96	20	0		
2005	QPSK	1	48	18.92	18.92	18.92				
2005	QPSK	1	96	18.90	18.90	18.90				
2005	QPSK	36	0	20.08	20.07	20.08				
2005	QPSK	36	48	20.05	20.04	20.05				
2005	QPSK	36	96	20.04	20.03	20.04				
2005	QPSK	1	0	19.12	19.02	19.06	20	0		
2005	QPSK	1	48	19.07	18.97	18.99				
2005	QPSK	1	96	19.05	18.95	18.94				
2005	QPSK	36	0	19.79	19.69	19.67				
2005	QPSK	36	48	19.76	19.66	19.65				
2005	QPSK	36	96	19.74	19.64	19.64				
2005	QPSK	1	0	19.87	19.77	19.79	20	0		
2005	QPSK	1	48	19.82	19.72	19.74				
2005	QPSK	1	96	19.80	19.70	19.70				
2005	QPSK	36								

[illegible]

Band 5_Ant 0(DS13)													
Antenna	Subcarrier	RB No	RB Offset	Start Freq. (MHz)	End Freq. (MHz)	Start Freq. (MHz)	End Freq. (MHz)	Start Freq. (MHz)	End Freq. (MHz)	Start Freq. (MHz)	End Freq. (MHz)	Subcarriers	RBs
0	DS13	1	0	24.44	24.45	24.44	24.45	24.44	24.45	24.44	24.45	1	1
	DS13	1	24	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	24	0
	DS13	1	48	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	48	0
	DS13	1	72	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	72	0
	DS13	1	96	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	96	0
	DS13	1	120	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	120	0
	DS13	1	144	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	144	0
	DS13	1	168	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	168	0
	DS13	1	192	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	192	0
	DS13	1	216	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	216	0
1	DS13	25	0	24.44	24.45	24.44	24.45	24.44	24.45	24.44	24.45	25	1
	DS13	25	24	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	49	1
	DS13	25	48	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	73	1
	DS13	25	72	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	97	1
	DS13	25	96	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	121	1
	DS13	25	120	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	145	1
	DS13	25	144	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	169	1
	DS13	25	168	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	193	1
	DS13	25	192	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	217	1
	DS13	25	216	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	241	1
2	DS13	49	0	24.44	24.45	24.44	24.45	24.44	24.45	24.44	24.45	49	2
	DS13	49	24	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	73	2
	DS13	49	48	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	97	2
	DS13	49	72	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	121	2
	DS13	49	96	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	145	2
	DS13	49	120	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	169	2
	DS13	49	144	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	193	2
	DS13	49	168	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	217	2
	DS13	49	192	24.44	24.47	24.50	24.53	24.44	24.47	24.50	24.53	241	2
	DS13	49	216	24.44	24.47	24.50	24.53	24.44	24.47	24			

[illegible]

Band 7 Ant 1 (DS3)										
RF (MHz)	Modulation	RB Size	RB Offset	Power (mW)	Power (dBm)	Power (mW)	Power (dBm)	Transmit BW (MHz)	Antenna Gain (dBi)	Antenna Gain (dBi)
Frequency (MHz)				20.15	20.15	20.15	20.15	20.18		
1	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	25	0
2	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
3	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
4	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
5	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
6	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
7	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
8	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
9	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
10	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
11	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
12	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
13	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
14	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
15	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
16	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
17	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
18	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
19	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
20	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
21	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
22	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
23	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
24	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
25	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
26	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
27	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
28	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
29	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
30	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
31	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
32	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
33	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
34	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
35	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
36	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
37	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
38	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
39	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
40	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
41	QPSK	1	0	24.11	24.11	24.11	24.11	24.18	24	1
42	QPSK	1	0	24.11	24.11	24				

Band 7_Ant 3(DS13)									
SN (dB)	Modulation	RB Size	RB Offset	Channel	Power (dBm)	Power Spectral Density (dBm/Hz)	Time gap (ms)	SNR (dB)	BER (%)
Channel									
15	QPSK	1	0	0	21.74	21.74	0.01	0	0
20	QPSK	1	0	0	21.76	21.77	0.0206	0	0
25	QPSK	1	0	0	21.78	21.79	0.0412	0	0
30	QPSK	1	0	0	21.80	21.81	0.0618	0	0
35	QPSK	1	0	0	21.82	21.83	0.0824	0	0
40	QPSK	1	0	0	21.84	21.85	0.1030	0	0
45	QPSK	1	0	0	21.86	21.87	0.1236	0	0
50	QPSK	1	0	0	21.88	21.89	0.1442	0	0
55	QPSK	1	0	0	21.90	21.91	0.1648	0	0
60	QPSK	1	0	0	21.92	21.93	0.1854	0	0
65	QPSK	1	0	0	21.94	21.95	0.2060	0	0
70	QPSK	1	0	0	21.96	21.97	0.2266	0	0
75	QPSK	1	0	0	21.98	21.99	0.2472	0	0
80	QPSK	1	0	0	22.00	22.01	0.2678	0	0
85	QPSK	1	0	0	22.02	22.03	0.2884	0	0
90	QPSK	1	0	0	22.04	22.05	0.3090	0	0
95	QPSK	1	0	0	22.06	22.07	0.3296	0	0
100	QPSK	1	0	0	22.08	22.09	0.3502	0	0
105	QPSK	1	0	0	22.10	22.11	0.3708	0	0
110	QPSK	1	0	0	22.12	22.13	0.3914	0	0
115	QPSK	1	0	0	22.14	22.15	0.4120	0	0
120	QPSK	1	0	0	22.16	22.17	0.4326	0	0
125	QPSK	1	0	0	22.18	22.19	0.4532	0	0
130	QPSK	1	0	0	22.20	22.21	0.4738	0	0
135	QPSK	1	0	0	22.22	22.23	0.4944	0	0
140	QPSK	1	0	0	22.24	22.25	0.5150	0	0
145	QPSK	1	0	0	22.26	22.27	0.5356	0	0
150	QPSK	1	0	0	22.28	22.29	0.5562	0	0
155	QPSK	1	0	0	22.30	22.31	0.5768	0	0
160	QPSK	1	0	0	22.32	22.33	0.5974	0	0
165	QPSK	1	0	0	22.34	22.35	0.6180	0	0
170	QPSK	1	0	0	22.36	22.37	0.6386	0	0
175	QPSK	1	0	0	22.38	22.39	0.6592	0	0
180	QPSK	1	0	0	22.40	22.41	0.6798	0	0
185	QPSK	1	0	0	22.42	22.43	0.7004	0	0
190	QPSK	1	0	0	22.44	22.45	0.7210	0	0
195	QPSK	1	0	0	22.46	22.47	0.7416	0	0
200	QPSK	1	0	0	22.48	22.49	0.7622	0	0
205	QPSK	1	0	0	22.50	22.51	0.7828	0	0
210	QPSK	1	0	0	22.52	22.53	0.8034	0	0
215	QPSK	1	0	0	22.54	22.55	0.8240	0	0
220	QPSK	1	0	0	22.56	22.57	0.8446	0	0
225	QPSK	1	0	0	22.58	22.59	0.8652	0	0
230	QPSK	1	0	0	22.60	22.61	0.8858	0	0
235	QPSK	1	0	0	22.62	22.63	0.9064	0	0
240	QPSK	1	0	0	22.64	22.65	0.9270	0	0
245	QPSK	1	0	0	22.66	22.67	0.9476	0	0
250	QPSK	1	0	0	22.68	22.69	0.9682	0	0
255	QPSK	1	0	0	22.70	22.71	0.9888	0	0
260	QPSK								

Band 7_Ant 5 (DS13)									
Ant	Frequency (MHz)	Modulation	RF BW (MHz)	Offset (MHz)	Carrier Freq. (MHz)	Bandwidth (MHz)	Power (dBm)	Time of Day (UTC)	Notes
Channel 1									
DS	21.0	SSB	0	0	21.00	2.143	21.00		
DS	21.0	SSB	1	+48	21.08	2.182	21.08		
DS	21.0	SSB	2	+96	21.12	2.221	21.12		215
DS	21.0	SSB	3	+144	21.16	2.260	21.16		
DS	21.0	SSB	4	+192	21.20	2.299	21.20		
DS	21.0	SSB	5	+240	21.24	2.338	21.24		
DS	21.0	SSB	6	+288	21.28	2.377	21.28		
DS	21.0	SSB	7	+336	21.32	2.416	21.32		215
DS	21.0	SSB	8	+384	21.36	2.455	21.36		
DS	21.0	SSB	9	+432	21.40	2.494	21.40		
DS	21.0	SSB	10	+480	21.44	2.533	21.44		215
DS	21.0	SSB	11	+528	21.48	2.572	21.48		
DS	21.0	SSB	12	+576	21.52	2.611	21.52		
DS	21.0	SSB	13	+624	21.56	2.650	21.56		
DS	21.0	SSB	14	+672	21.60	2.689	21.60		
DS	21.0	SSB	15	+720	21.64	2.728	21.64		
DS	21.0	SSB	16	+768	21.68	2.767	21.68		
DS	21.0	SSB	17	+816	21.72	2.806	21.72		
DS	21.0	SSB	18	+864	21.76	2.845	21.76		
DS	21.0	SSB	19	+912	21.80	2.884	21.80		
DS	21.0	SSB	20	+960	21.84	2.923	21.84		
DS	21.0	SSB	21	+1008	21.88	2.962	21.88		
DS	21.0	SSB	22	+1056	21.92	3.001	21.92		
DS	21.0	SSB	23	+1104	21.96	3.040	21.96		
DS	21.0	SSB	24	+1152	22.00	3.079	22.00		
DS	21.0	SSB	25	+1200	22.04	3.118	22.04		
DS	21.0	SSB	26	+1248	22.08	3.157	22.08		
DS	21.0	SSB	27	+1296	22.12	3.196	22.12		
DS	21.0	SSB	28	+1344	22.16	3.235	22.16		
DS	21.0	SSB	29	+1392	22.20	3.274	22.20		
DS	21.0	SSB	30	+1440	22.24	3.313	22.24		
DS	21.0	SSB	31	+1488	22.28	3.352	22.28		
DS	21.0	SSB	32	+1536	22.32	3.391	22.32		
DS	21.0	SSB	33	+1584	22.36	3.430	22.36		
DS	21.0	SSB	34	+1632	22.40	3.469	22.40		
DS	21.0	SSB	35	+1680	22.44	3.508	22.44		
DS	21.0	SSB	36	+1728	22.48	3.547	22.48		
DS	21.0	SSB	37	+1776	22.52	3.586	22.52		
DS	21.0	SSB	38	+1824	22.56	3.625	22.56		
DS	21.0	SSB	39	+1872	22.60	3.664	22.60		
DS	21.0	SSB	40	+1920	22.64	3.703	22.64		
DS	21.0	SSB	41	+1968	22.68	3.742	22.68		
DS	21.0	SSB	42	+2016	22.72	3.781	22.72		
DS	21.0	SSB	43	+2064	22.76	3.820	22.76		
DS	21.0	SSB	44	+2112	22.80	3.859	22.80		
DS	21.0	SSB	45	+2160	22.84	3.898	22.84		
DS	21.0	SSB	46	+2208	22.88	3.937	22.88		
DS	21.0	SSB	47	+2256	22.92	3.976	22.92		
DS	21.0	SSB	48	+2304	22.96	4.015	22.96		
DS	21.0	SSB	49	+2352	23.00	4.054	23.00		

Band 66 Ant 1 (D53)												
Ant	RF	Modulation	Rate	FS	Mod	FS	Mod	FS	Mod	FS	Mod	FS
Channel												
20	USF4K	1	0	25.75	2.588	2.581						
20	USF4K	1	16	25.80	2.590	2.597					045	0
	USF4K	1	32	25.85	2.592	2.600						
	USF4K	1	64	25.91	2.597	2.614						
	USF4K	1	128	25.97	2.602	2.634					035	
20	USF4K	1	256	26.03	2.607	2.674						
20	USF4K	1	512	26.09	2.612	2.740						
20	USF4K	1	1024	26.15	2.618	2.810						
20	USF4K	1	2048	26.21	2.623	2.879						
20	USF4K	1	4096	26.27	2.628	2.977						
20	USF4K	1	8192	26.33	2.634	3.100						
20	USF4K	1	16384	26.39	2.639	3.277						
20	USF4K	1	32768	26.45	2.645	3.500						
20	USF4K	1	65536	26.51	2.650	3.779						
20	USF4K	1	131072	26.57	2.656	4.171						
20	USF4K	1	262144	26.63	2.661	4.700						
20	USF4K	1	524288	26.69	2.667	5.300						
20	USF4K	1	1048576	26.75	2.672	6.000						
20	USF4K	1	2097152	26.81	2.678	6.800						
20	USF4K	1	4194304	26.87	2.683	7.777						
20	USF4K	1	8388608	26.93	2.689	8.900						
20	USF4K	1	16777216	26.99	2.694	10.200						
20	USF4K	1	33554432	27.05	2.699	11.700						
20	USF4K	1	67108864	27.11	2.705	13.400						
20	USF4K	1	134217728	27.17	2.710	15.300						
20	USF4K	1	268435456	27.23	2.716	17.400						
20	USF4K	1	536870912	27.29	2.721	19.700						
20	USF4K	1	1073741824	27.35	2.727	22.200						
20	USF4K	1	2147483648	27.41	2.732	24.900						
20	USF4K	1	4294967296	27.47	2.738	27.777						
20	USF4K	1	8589934592	27.53	2.743	30.800						
20	USF4K	1	17179869184	27.59	2.749	34.000						
20	USF4K	1	34359738368	27.65	2.754	37.400						
20	USF4K	1	68719476736	27.71	2.760	41.000						
20	USF4K	1	137438953472	27.77	2.765	44.800						
20	USF4K	1	274877906944	27.83	2.771	48.800						
20	USF4K	1	549755813888	27.89	2.776	52.900						
20	USF4K	1	1099511627776	27.95	2.782	57.200						
20	USF4K	1	2199023255552	28.01	2.787	61.700						
20	USF4K	1	4398046511104	28.07	2.793	66.400						
20	USF4K	1	8796093022208	28.13	2.798	71.200						
20	USF4K	1	17592186444416	28.19	2.804	76.200						
20	USF4K	1	35184372888832	28.25	2.809	81.400						

Ant 3		Band 66		Ant 3(DS13)			
Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)	Ant 3 (MHz)
Channel							
20	DSRC	1	0	21.52	21.52	21.51	21.51
20	DSRC	1	4A	21.47	21.50	21.51	
20	DSRC	1	5	21.46	21.49	21.51	24
20	DSRC	50	4	21.48	21.50	21.50	
20	DSRC	50	5	21.47	21.49	21.50	
20	DSRC	50	6	21.51	21.44	21.50	23
20	DSRC	50	7	21.49	21.48	21.50	
20	DSRC	1	6	21.49	21.50	21.50	
20	DSRC	1	6A	21.48	21.50	21.50	
20	DSRC	50	9	21.46	21.50	21.51	
20	DSRC	50	10	21.52	21.50	21.51	22
20	DSRC	50	10A	21.53	21.50	21.51	
20	DSRC	1	0	21.41	21.53	21.56	
20	DSRC	1	5	21.42	21.50	21.53	22
20	DSRC	1	5A	21.41	21.53	21.54	
20	DSRC	50	11	21.46	21.50	21.53	
20	DSRC	50	24	21.51	21.50	21.50	21
20	DSRC	50	25	21.52	21.50	21.51	
20	DSRC	100	0	21.57	21.58	21.61	
Channel							
15	DSRC	1	0	21.12	21.10	21.09	24
15	DSRC	1	5	21.13	21.10	21.10	
15	DSRC	1	5A	21.13	21.10	21.10	
15	DSRC	50	6	21.28	21.10	21.10	
15	DSRC	50	20	21.28	21.13	21.13	
15	DSRC	50	21	21.28	21.13	21.13	23
15	DSRC	75	0	21.20	21.07	21.07	
15	DSRC	75	1	21.21	21.07	21.07	
15	DSRC	1	37	21.09	21.09	21.01	23
15	DSRC	1	37A	21.09	21.09	21.01	
15	DSRC	36	0	21.49	21.06	21.06	
15	DSRC	36	1	21.49	21.06	21.06	22
15	DSRC	36	34	21.72	21.05	21.05	
15	DSRC	36	34A	21.72	21.05	21.05	
15	DSRC	1	6	21.39	21.08	21.07	
15	DSRC	1	6A	21.39	21.08	21.07	22
15	DSRC	1	7	21.38	21.08	21.08	
15	DSRC	1	7A	21.38	21.08	21.08	
15	DSRC	50	2	21.05	21.04	21.04	23
15	DSRC	50	26	21.05	21.04	21.04	
15	DSRC	50	26A	21.05	21.04	21.04	
Channel							
10	DSRC	1	0	21.00	21.00	21.00	24
Channel							
10	DSRC	1	0	21.00	21.00	21.00	
10	DSRC	1	4A	21.05	21.17	21.17	
10	DSRC	1	5	21.06	21.17	21.17	24
10	DSRC	24	14	21.24	21.10	21.10	
10	DSRC	24	14A	21.24	21.10	21.10	
10	DSRC	50	6	21.28	21.10	21.10	23
10	DSRC	50	6A	21.28	21.10	21.10	
10	DSRC	1	25	21.27	21.09	21.09	23
10	DSRC	1	25A	21.27	21.09	21.09	
10	DSRC	50	1	21.01	21.02	21.02	
10	DSRC	50	2	21.02	21.02	21.02	22
10	DSRC	50	2	21.02	21.02	21.02	
10	DSRC	24	24	21.06	21.10	21.10	21
10	DSRC	24	24A	21.06	21.10	21.10	
Channel							
5	DSRC	1	0	21.00	21.00	21.00	24
5	DSRC	1	12	21.30	21.30	21.40	
5	DSRC	1	12A	21.30	21.30	21.40	
5	DSRC	12	9	21.32	21.30	21.33	

Band 2_Ant 1(DS4)											
SPU ID	Modulation	Frequency (MHz)	SPU ID	Modulation	Frequency (MHz)	SPU ID	Modulation	Frequency (MHz)	SPU ID	Modulation	Frequency (MHz)
20	QPSK	1	6	2015	1348	1632					
21	QPSK	1	66	2015	1374	1638					
22	QPSK	1	66	2015	1400	1644			20.5	0	
23	QPSK	1	66	2014	1433	1656					
24	QPSK	1	66	2014	1460	1668					
25	QPSK	1	66	2014	1487	1680					
26	QPSK	1	66	2014	1514	1692					
27	QPSK	1	66	2014	1540	1704					
28	QPSK	1	66	2014	1567	1716					
29	QPSK	1	66	2014	1593	1728					
30	QPSK	1	66	2014	1620	1740					
31	QPSK	1	66	2014	1646	1752					
32	QPSK	1	66	2014	1673	1764					
33	QPSK	1	66	2014	1699	1776					
34	QPSK	1	66	2014	1726	1788					
35	QPSK	1	66	2014	1752	1800					
36	QPSK	1	66	2014	1779	1812					
37	QPSK	1	66	2014	1805	1824					
38	QPSK	1	66	2014	1832	1836					
39	QPSK	1	66	2014	1858	1848					
40	QPSK	1	66	2014	1885	1860					
41	QPSK	1	66	2014	1911	1872					
42	QPSK	1	66	2014	1938	1884					
43	QPSK	1	66	2014	1964	1896					
44	QPSK	1	66	2014	1991	1908					
45	QPSK	1	66	2014	2017	1920					
46	QPSK	1	66	2014	2044	1932					
47	QPSK	1	66	2014	2070	1944					
48	QPSK	1	66	2014	2097	1956					
49	QPSK	1	66	2014	2123	1968					
50	QPSK	1	66	2014	2150	1980					
51	QPSK	1	66	2014	2176	1992					
52	QPSK	1	66	2014	2203	2004					
53	QPSK	1	66	2014	2229	2016					
54	QPSK	1	66	2014	2256	2028					
55	QPSK	1	66	2014	2282	2040					
56	QPSK	1	66	2014	2309	2052					
57	QPSK	1	66	2014	2335	2064					
58	QPSK	1	66	2014	2362	2076					
59	QPSK	1	66	2014	2388	2088					
60	QPSK	1	66	2014	2415	2100					
61	QPSK	1	66	2014	2441	2112					
62	QPSK	1	66	2014	2468	2124					
63	QPSK	1	66	2014	2494	2136					
64	QPSK	1	66	2014	2521	2148					
65	QPSK	1	66	2014	2547	2160					
66	QPSK	1	66	2014	2574	2172					
67	QPSK	1	66	2014	2600	2184					
68	QPSK	1	66	2014	2627	2196					
69	QPSK	1	66	2014	2653	2208					
70	QPSK										

[illegible]

Band 5 Data (DS44)											
Ant. ID	Ant. Model	RF Size	RF Offset	Power (mW)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Temp. (°C)	RFPA (dBm)
Channel 1											
Frequency (MHz)				1	2	3	4	5	6	24.5	0
				23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	1	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	2	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	3	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	4	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	5	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	6	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	7	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	8	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	9	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	10	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	11	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	12	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	13	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	14	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	15	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	16	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	17	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	18	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	19	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	20	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	21	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	22	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	23	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	24	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	25	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	26	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	27	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	28	00	23.18	23.18	23.18	23.17	23.18	23.18		
10	CPRI-1	29	00	23.18	23.18	23.18	23.17	23.18	23.18	24.5	0
10	CPRI-1	30	00	23.18	23.18	23.1					

Band 5 (2SD4)										
SB (GHz)	Modulation	RF Size (MHz)	RF Offset (MHz)	Power Ch. 1 (dBm)	Power Ch. 2 (dBm)	Power Ch. 3 (dBm)	Power Ch. 4 (dBm)	Power Ch. 5 (dBm)	Transfer rate (Gbps)	Latency (μs)
Channel 1										
Frequency (MHz)										
10	QPSK	10	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	10	20	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	10	40	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	20	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	20	20	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	20	40	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	40	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	40	20	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	40	40	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	80	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	80	40	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	160	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	160	80	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	320	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	320	160	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	640	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	640	320	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	1280	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	1280	640	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	2560	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	2560	1280	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	5120	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	5120	2560	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	10240	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	10240	5120	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	20480	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	20480	10240	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	40960	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	40960	20480	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	81920	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	81920	40960	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	163840	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	163840	81920	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	327680	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	327680	163840	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	655360	0	10.20	10.20	10.20	10.20	10.20	20.0	0
10	QPSK	655360	327680	10.20	10.20					

Band 7 (D5/44)										
Alt (m)	Modulation	RF Sp. (MHz)	RF Offset (MHz)	Power C/N (dBm)	Power C/N (dBm)	Power C/N (dBm)	Power C/N (dBm)	Power C/N (dBm)	Power C/N (dBm)	Power C/N (dBm)
Channel 1										
20	QPSK	1	0	12.50	12.50	12.50	12.50	12.50	12.50	12.50
20	QPSK	1	88	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	168	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	248	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	328	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	408	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	488	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	568	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	648	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	728	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	808	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	888	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	968	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1048	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1128	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1208	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1288	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1368	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1448	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1528	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1608	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1688	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1768	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1848	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	1928	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2008	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2088	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2168	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2248	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2328	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2408	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2488	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2568	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2648	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2728	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2808	12.50	12.51	12.51	12.51	12.51	12.51	12.51
20	QPSK	1	2888	12.50						

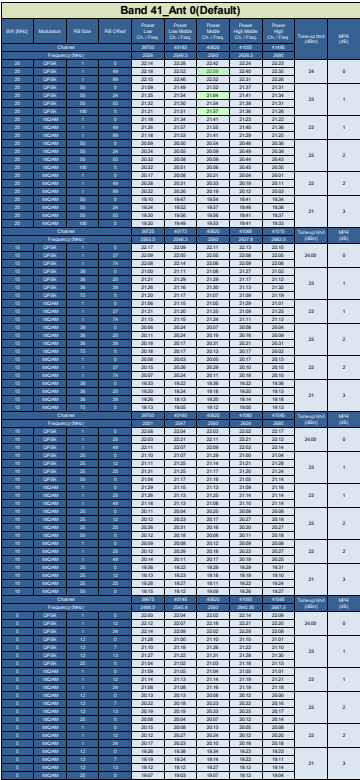
Band 7_Ant 1(DS14)										
SP (MHz)	Modulation	RB Size	RB Offset	Power Lvl (mW)	Power Lvl (mW)	Power Lvl (mW)	Power Lvl (mW)	Power Lvl (mW)	Power Lvl (mW)	Power Lvl (mW)
Channel										
20	QPSK	1	0	14.96	14.96	14.96				
20	QPSK	1	48	15.02	15.02	15.02				
20	QPSK	1	96	15.08	15.08	15.08				
20	QPSK	1	144	15.14	15.14	15.14				
20	QPSK	1	192	15.20	15.20	15.20				
20	QPSK	1	240	15.26	15.26	15.26				
20	QPSK	1	288	15.32	15.32	15.32				
20	QPSK	1	336	15.38	15.38	15.38				
20	QPSK	1	384	15.44	15.44	15.44				
20	QPSK	1	432	15.50	15.50	15.50				
20	QPSK	1	480	15.56	15.56	15.56				
20	QPSK	1	528	15.62	15.62	15.62				
20	QPSK	1	576	15.68	15.68	15.68				
20	QPSK	1	624	15.74	15.74	15.74				
20	QPSK	1	672	15.80	15.80	15.80				
20	QPSK	1	720	15.86	15.86	15.86				
20	QPSK	1	768	15.92	15.92	15.92				
20	QPSK	1	816	15.98	15.98	15.98				
20	QPSK	1	864	16.04	16.04	16.04				
20	QPSK	1	912	16.10	16.10	16.10				
20	QPSK	1	960	16.16	16.16	16.16				
20	QPSK	1	1008	16.22	16.22	16.22				
20	QPSK	1	1056	16.28	16.28	16.28				
20	QPSK	1	1104	16.34	16.34	16.34				
20	QPSK	1	1152	16.40	16.40	16.40				
20	QPSK	1	1200	16.46	16.46	16.46				
20	QPSK	1	1248	16.52	16.52	16.52				
20	QPSK	1	1296	16.58	16.58	16.58				
20	QPSK	1	1344	16.64	16.64	16.64				
20	QPSK	1	1392	16.70	16.70	16.70				
20	QPSK	1	1440	16.76	16.76	16.76				
20	QPSK	1	1488	16.82	16.82	16.82				
20	QPSK	1	1536	16.88	16.88	16.88				
20	QPSK	1	1584	16.94	16.94	16.94				
20	QPSK	1	1632	17.00	17.00	17.00				
20	QPSK	1	1680	17.06	17.06	17.06				
20	QPSK	1	1728	17.12	17.12	17.12				
20	QPSK	1	1776	17.18	17.18	17.18				
20	QPSK	1	1824	17.24	17.24	17.24				
20	QPSK	1	1872	17.30	17.30	17.30				
20	QPSK	1	1920	17.36	17.36	17.36				
20	QPSK	1	1968	17.42	17.42	17.42				
20	QPSK	1	2016	17.48	17.48	17.48				
20	QPSK	1	2064	17.54	17.54	17.54				
20	QPSK	1	2112	17.60	17.60	17.60				
20	QPSK	1	2160	17.66	17.66	17.66				
20	QPSK	1	2208	17.72	17.72	17.72				
20	QPSK	1	2256	17.78	17.78	17.78				
20	QPSK	1	2304	17.84	17.84	17.84				
20	QPSK	1	2352	17.90	17.90	17.90				
20	QPSK	1	2400	17.96	17.96	17.96				
20	QPSK	1	2448	18.02	18.02	18.02				
20	QPSK	1	2496	18.08	18.08	18.08				
20	QPSK	1	2544	18.14	18.14	18.14				
20	QPSK	1	2592	18.20	18.20	18.20				
20	QPSK	1	2640	18.26	18.26	18.26				
20	QPSK	1	2688	18.32	18.32	18.32				
20	QPSK	1	2736	18.38	18.38	18.38				
20	QPSK	1	2784	18.44	18.44	18.44				
20	QPSK	1	2832	18.50	18.50	18.50				
20	QPSK	1	2880	18.56	18.56	18.56				
20	QPSK	1	2928	18.62	18.62	18.62				
20	QPSK	1	2976	18.68	18.68	18.68				
20	QPSK	1	3024	18.74	18.74	18.74				
20	QPSK	1	3072	18.80	18.80	18.80				
20	QPSK	1	3120	18.86	18.86	18.86				
20	QPSK	1	3168	18.92	18.92	18.92				
20	QPSK	1	3216	18.98	18.98	18.98				
20	QPSK	1	3264	19.04	19.04	19.04				
20	QPSK	1	3312	19.10	19.10	19.10				
20	QPSK	1	3360	19.16	19.16	19.16				
20	QPSK	1	3408	19.22	19.22	19.22				
20	QPSK	1	3456	19.28	19.28	19.28				
20	QPSK	1	3504	19.34	19.34	19.34				
20	QPSK	1	3552	19.40	19.40	19.40				
20	QPSK	1	3600	19.46	19.46	19.46				
20	QPSK	1	3648	19.52	19.52	19.52				
20	QPSK	1	3696	19.58	19.58	19.58				
20	QPSK	1	3744	19.64	19.64	19.64				
20	QPSK	1	3792	19.70	19.70	19.70				
20	QPSK	1	3840	19.76	19.76	19.76				
20	QPSK	1	3888	19.82	19.82	19.82				
20	QPSK	1	3936	19.88	19.88	19.88				
20	QPSK	1	3984	19.94	19.94	19.94				
20	QPSK	1	4032	20.00	20.00	20.00				
20	QPSK	1	4080	20.06	20.06	20.06				
20	QPSK	1	4128	20.12	20.12	20.12				
20	QPSK	1	4176	20.18	20.18	20.18				
20	QPSK	1	4224	20.24	20.24	20.24				
20	QPSK	1	4272	20.30	20.30	20.30				
20	QPSK	1	4320	20.36	20.36	20.36				
20	QPSK	1	4368	20.42	20.42	20.42				
20	QPSK	1	4416	20.48	20.48	20.48				
20	QPSK	1	4464	20.54	20.54	20.54				
20	QPSK	1	4512	20.60	20.60	20.60				
20	QPSK	1	4560	20.66	20.66	20.66				
20	QPSK	1	4608	20.72	20.72	20.72				
20	QPSK	1	4656	20.78	20.78	20.78				
20	QPSK	1	4704	20.84	20.84	20.84				
20	QPSK	1	4752	20.90	20.90	20.90				
20	QPSK	1	4800	20.96	20.96	20.96				
20	QPSK	1	4848	21.02	21.02	21.02				
20	QPSK	1	4896	21.08	21.08	21.08				
20	QPSK	1	4944	21.14	21.14	21.14				
20	QPSK	1	4992	21.20	21.20	21.20				
20	QPSK	1	5040	21.26	21.26	21.26				
20	QPSK	1	5088	21.32	21.32	21.32				
20	QPSK	1	5136	21.38	21.38	21.38				
20	QPSK	1	5184	21.44	21.44	21.44				
20	QPSK	1	5232	21.50	21.50	21.50				
20	QPSK	1	5280	21.56	21.56	21.56				
20	QPSK	1	5328	21.62	21.62	21.62				
20	QPSK	1	5376	21.68	21.68	21.68				
20	QPSK	1	5424	21.74	21.74	21.74				
20	QPSK	1	5472	21.80	21.80	21.80				
20	QPSK	1	5520	21.86	21.86	21.86				
20	QPSK	1	5568	21.92	21.92	21.92				
20	QPSK	1	5616	21.98	21.98	21.98				
20	QPSK	1	5664	22.04	22.04	22.04				
20	QPSK	1	5712	22.10	22.10	22.10				
20	QPSK	1	5760	22.16	22.16	22.16				
20	QPSK	1	5808	22.22	22.22	22.22				
20	QPSK	1	5856	22.28	22.28	22.28				
20	QPSK	1	5904	22.34	22.34	22.34				
20	QPSK	1	5952	22.40	22.40	22.40				
20	QPSK	1	6000	22.46	22.46	22.46				
20	QPSK	1	6048	22.52	22.52	22.52				
20	QPSK	1	6096	22.58	22.58	22.58				
20	QPSK	1	6144	22.64	22.64	22.64				
20	QPSK	1	6192	22.70	22.70	22.70				
20	QPSK	1	6240	22.76	22.76	22.76				
20	QPSK	1	6288	22.82	22.82	22.82				
20	QPSK	1	6336	22.88	22.88	22.88				
20	QPSK	1	6384	22.94	22.94	22.94				
20	QPSK	1	6432	23.00	23.00	23.00				
20	QPSK	1	6480	23.06	23.06	23.06				
20	QPSK	1	6528	23.12	23.12	23.12				
20	QPSK	1	6576	23.18	23.18	23.18				
20	QPSK	1	6624	23.24	23.24	23.24				
20	QPSK	1	6672	23.30	23.30	23.30				
20	QPSK	1	6720	23.36	23.36	23.36				
20	QPSK	1	6768	23.42	23.42	23.42				
20	QPSK	1	6816	23.48	23.48	23.48				
20	QPSK	1	6864	23.54	23.54	23.54				
20	QPSK	1	6912	23.60	23.60	23.60				
20	QPSK	1	6960	23.66	23.66	23.66				
20	QPSK	1	7008	23.72	23.72	23.72				
20	QPSK	1	7056	23.78	23.78	23.78				
20	QPSK	1	7104	23.84	23.84	23.84				
20	QPSK	1	7152	23.90	23.90	23.90				

[illegible]

Band 38_Ant 1 (Default)									
RF Chain	Subcarrier	Sub-Carrier	Sub-Carrier	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Frequency (MHz)									
20	0	0	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	1	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	2	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	3	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	4	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	5	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	6	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	7	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	8	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	9	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	10	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	11	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	12	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	13	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	14	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	15	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	16	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	17	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	18	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	19	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	20	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	21	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	22	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	23	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	24	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	25	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	26	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	27	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	28	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	29	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	30	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	31	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	32	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	33	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	34	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	35	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	36	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	37	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	38	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	39	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	40	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	41	0	-12.00	-12.00	-12.00	-12.00	-12.00	-12.00
20	0	42	0	-12.00					

Band 38_Ant 3(Default)									
Site (lat, lon)	Cellular	100 kHz	100 kHz	Power (20/70/100)	Power (20/70/100)	Power (20/70/100)	Power (20/70/100)	Power (20/70/100)	Power (20/70/100)
Frequency Range									
15	GPSC	1	0	20.00	70.00	100.00	20.00	70.00	100.00
15	GPSC	1	0	21.75	72.75	102.75	21.75	72.75	102.75
15	GPSC	1	0	23.50	74.50	104.50	23.50	74.50	104.50
15	GPSC	1	0	25.25	76.25	106.25	25.25	76.25	106.25
15	GPSC	1	0	27.00	78.00	108.00	27.00	78.00	108.00
15	GPSC	1	0	28.75	79.75	109.75	28.75	79.75	109.75
15	GPSC	1	0	30.50	81.50	111.50	30.50	81.50	111.50
15	GPSC	1	0	32.25	83.25	113.25	32.25	83.25	113.25
15	GPSC	1	0	34.00	85.00	115.00	34.00	85.00	115.00
15	GPSC	1	0	35.75	86.75	116.75	35.75	86.75	116.75
15	GPSC	1	0	37.50	88.50	118.50	37.50	88.50	118.50
15	GPSC	1	0	39.25	90.25	120.25	39.25	90.25	120.25
15	GPSC	1	0	41.00	92.00	122.00	41.00	92.00	122.00
15	GPSC	1	0	42.75	93.75	123.75	42.75	93.75	123.75
15	GPSC	1	0	44.50	95.50	125.50	44.50	95.50	125.50
15	GPSC	1	0	46.25	97.25	127.25	46.25	97.25	127.25
15	GPSC	1	0	48.00	99.00	129.00	48.00	99.00	129.00
15	GPSC	1	0	49.75	100.75	130.75	49.75	100.75	130.75
15	GPSC	1	0	51.50	102.50	132.50	51.50	102.50	132.50
15	GPSC	1	0	53.25	104.25	134.25	53.25	104.25	134.25
15	GPSC	1	0	55.00	106.00	136.00	55.00	106.00	136.00
15	GPSC	1	0	56.75	107.75	137.75	56.75	107.75	137.75
15	GPSC	1	0	58.50	109.50	139.50	58.50	109.50	139.50
15	GPSC	1	0	60.25	111.25	141.25	60.25	111.25	141.25
15	GPSC	1	0	62.00	113.00	143.00	62.00	113.00	143.00
15	GPSC	1	0	63.75	114.75	144.75	63.75	114.75	144.75
15	GPSC	1	0	65.50	116.50	146.50	65.50	116.50	146.50
15	GPSC	1	0	67.25	118.25	148.25	67.25	118.25	148.25
15	GPSC	1	0	69.00	120.00	150.00	69.00	120.00	150.00
15	GPSC	1	0	70.75	121.75	151.75	70.75	121.75	151.75
15	GPSC	1	0	72.50	123.50	153.50	72.50	123.50	153.50
15	GPSC	1	0	74.25	125.25	155.25	74.25	125.25	155.25
15	GPSC	1	0	76.00	127.00	157.00	76.00	127.00	157.00
15	GPSC	1	0	77.75	128.75	158.75	77.75	128.75	158.75
15	GPSC	1	0	79.50	130.50	160.50	79.50	130.50	160.50
15	GPSC	1	0	81.25	132.25	162.25	81.25	132.25	162.25
15	GPSC	1	0	83.00	134.00	164.00	83.00	134.00	164.00
15	GPSC	1	0	84.75	135.75	165.75	84.75	135.75	165.75
15	GPSC	1	0	86.50	137.50	167.50	86.50	137.50	167.50
15	GPSC	1	0	88.25	139.25	169.25	88.25	139.25	169.25
15	GPSC	1	0	90.00					

Band 38_Ant 5(Default)									
RF Band	Modulation	Mod Rate	Mod Type	Power (dBm)	Power (dBm) (1.4MHz)	Power (dBm) (3.0MHz)	Power (dBm) (5.0MHz)	Transmit Band (MHz)	14.4MHz Offset
Frequency Allocation									
38	QPSK	1	0	21.00	21.00	21.00	21.00	23.5	0
38	QPSK	1	60	21.00	21.00	21.00	21.00		
38	QPSK	1	120	21.00	21.00	21.00	21.00		
38	QPSK	1	180	21.00	21.00	21.00	21.00		
38	QPSK	1	240	21.00	21.00	21.00	21.00		
38	QPSK	1	300	21.00	21.00	21.00	21.00	23.5	1
38	QPSK	1	360	21.00	21.00	21.00	21.00		
38	QPSK	1	420	21.00	21.00	21.00	21.00		
38	QPSK	1	480	21.00	21.00	21.00	21.00		
38	QPSK	1	540	21.00	21.00	21.00	21.00		
38	QPSK	1	600	21.00	21.00	21.00	21.00	23.5	2
38	QPSK	1	660	21.00	21.00	21.00	21.00		
38	QPSK	1	720	21.00	21.00	21.00	21.00		
38	QPSK	1	780	21.00	21.00	21.00	21.00		
38	QPSK	1	840	21.00	21.00	21.00	21.00		
38	QPSK	1	900	21.00	21.00	21.00	21.00	23.5	3
38	QPSK	1	960	21.00	21.00	21.00	21.00		
38	QPSK	1	1020	21.00	21.00	21.00	21.00		
38	QPSK	1	1080	21.00	21.00	21.00	21.00		
38	QPSK	1	1140	21.00	21.00	21.00	21.00		
Frequency Allocation									
38	QPSK	1	0	21.00	21.00	21.00	21.00	23.5	4
38	QPSK	1	60	21.00	21.00	21.00	21.00		
38	QPSK	1	120	21.00	21.00	21.00	21.00		
38	QPSK	1	180	21.00	21.00	21.00	21.00		
38	QPSK	1	240	21.00	21.00	21.00	21.00		
38	QPSK	1	300	21.00	21.00	21.00	21.00	23.5	1
38	QPSK	1	360	21.00	21.00	21.00	21.00		
38	QPSK	1	420	21.00	21.00	21.00	21.00		
38	QPSK	1	480	21.00	21.00	21.00	21.00		
38	QPSK	1	540	21.00	21.00	21.00	21.00		
38	QPSK	1	600	21.00	21.00	21.00	21.00	23.5	2
38	QPSK	1	660	21.00	21.00	21.00	21.00		
38	QPSK	1	720	21.00	21.00	21.00	21.00		
38	QPSK	1	780	21.00	21.00	21.00	21.00		
38	QPSK	1	840	21.00	21.00	21.00	21.00		
38	QPSK	1	900	21.00	21.00	21.00	21.00	23.5	3
38	QPSK	1	960	21.00	21.00	21.00	21.00		
38	QPSK	1	1020	21.00	21.00	21.00	21.00		
38	QPSK	1	1080	21.00	21.00	21.00	21.00		
38	QPSK	1	1140	21.00	21.00	21.00	21.00		



Band 41_Ant 1(Default)												
ID	SSID	Bandwidth	SS ID	SS Offset	Power (mW)	Power Class	Power (mW)	Power Class	Power (mW)	Power Class	Transmit Power	Max RSSI
Channel 1												
Frequency (MHz)												
00	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
01	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
02	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
03	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
04	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
05	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
06	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
07	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
08	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
09	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
10	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
11	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
12	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
13	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
14	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
15	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
16	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
17	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
18	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
19	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
20	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
21	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
22	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
23	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
24	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
25	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
26	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
27	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
28	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
29	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
30	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
31	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
32	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
33	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
34	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
35	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
36	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
37	CH01A	1	1	0	100	20dBm	100	20dBm	100	20dBm	20	0
38	CH01A	1	1	0	100	20						

Band 41_Ant 3(Default)													
Port ID	Antenna	Ant. ID	Ant. Ch	Freq (GHz)	Ch Width (MHz)	Freq (GHz)	Ch Width (MHz)	Freq (GHz)	Ch Width (MHz)	Freq (GHz)	Ch Width (MHz)	Frequency (MHz)	Ant. Gain (dBi)
Frequency Plan 1													
20	USPC	1	1	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	20.0	0
21	USPC	1	2	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
22	USPC	1	3	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
23	USPC	1	4	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
24	USPC	1	5	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	20.5	1
25	USPC	1	6	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
26	USPC	1	7	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
27	USPC	1	8	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
28	USPC	1	9	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	21.0	2
29	USPC	1	10	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
30	USPC	1	11	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
31	USPC	1	12	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
Frequency Plan 2													
32	USPC	1	13	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	21.5	3
33	USPC	1	14	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
34	USPC	1	15	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
35	USPC	1	16	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
Frequency Plan 3													
36	USPC	1	17	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	22.0	4
37	USPC	1	18	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
38	USPC	1	19	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
39	USPC	1	20	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
Frequency Plan 4													
40	USPC	1	21	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75	22.5	5
41	USPC	1	22	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
42	USPC	1	23	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
43	USPC	1	24	24.10	18.75	24.10	18.75	24.10	18.75	24.10	18.75		
Frequency Plan 5													
44	USPC	1	25	24.10	18.75</								

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Band 38 Ant 3(D/S10)									
Ref	Subband	Min Size	Max Offset	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)
Transmitting Beam									
Ref	Subband	Min Size	Max Offset	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)	Power (Tx, 17.5dB)
0	0	0	0	-13.57	-13.56	-13.57			
0	0	0	0	-13.57	-13.56	-13.57	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56			
0	0	0	0	-13.56	-13.56	-13.56	14.5	0	
0	0	0	0	-13.56</					

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Band 38_Ant 5(DS1)									
Port Index	Modulation	PRB Size	PRB Offset	Power (dBm/PRB)	Power (dBm/PRB)	Power (dBm/PRB)	Power (dBm/PRB)	Power (dBm/PRB)	Power (dBm/PRB)
Frequency (MHz)									
0	QPSK	1	0	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	1	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	2	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	3	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	4	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	5	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	6	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	7	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	8	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	9	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	10	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	11	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	12	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	13	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	14	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	15	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	16	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	17	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	18	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	19	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	20	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	21	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	22	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	23	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	24	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	25	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	26	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	27	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	28	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	29	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	30	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	31	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	32	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	33	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	34	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	35	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	36	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	37	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	38	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	39	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	40	21.70	21.70	21.70	21.70	21.70	21.70
0	QPSK	1	41	21.70	21.70	21.70	21.70		

Band 41_Ant 0(D51)									
Site ID#	Measurement	Alt (m)	Site Offset	Power (mW)	Power (mW) 10% Tilt	Power (mW) 20% Tilt	Power (mW) 30% Tilt	Power (mW) 40% Tilt	Power (mW) 50% Tilt
Channel 1									
Channel 1 (MHz)				Power (mW)		Power (mW)		Power (mW)	
10	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
11	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
12	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
13	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
14	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
15	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
16	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
17	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
18	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
19	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
20	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
21	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
22	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
23	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
24	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
25	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
26	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
27	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
28	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
29	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
30	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
31	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
32	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
33	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
34	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
35	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
36	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
37	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
38	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
39	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
40	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
41	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
42	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
43	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
44	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
45	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
46	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
47	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
48	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
49	CDMA	1	W	21.74	21.74	21.74	21.74	21.74	21.74
50	CDMA	1	W	21.74	21.74				

[illegible]

Band 41_Ant 3(DSI1)											
Port ID	Modem	Sub	Sub-Off	Port ID	Modem	Sub	Sub-Off	Port ID	Modem	Sub	Sub-Off
Frequency (MHz)											
00	CPH01	0	0	00	CPH01	0	0	00	CPH01	0	0
01	CPH01	1	0	01	CPH01	1	0	01	CPH01	1	0
02	CPH01	2	0	02	CPH01	2	0	02	CPH01	2	0
03	CPH01	3	0	03	CPH01	3	0	03	CPH01	3	0
04	CPH01	4	0	04	CPH01	4	0	04	CPH01	4	0
05	CPH01	5	0	05	CPH01	5	0	05	CPH01	5	0
06	CPH01	6	0	06	CPH01	6	0	06	CPH01	6	0
07	CPH01	7	0	07	CPH01	7	0	07	CPH01	7	0
08	CPH01	8	0	08	CPH01	8	0	08	CPH01	8	0
09	CPH01	9	0	09	CPH01	9	0	09	CPH01	9	0
10	CPH01	10	0	10	CPH01	10	0	10	CPH01	10	0
11	CPH01	11	0	11	CPH01	11	0	11	CPH01	11	0
12	CPH01	12	0	12	CPH01	12	0	12	CPH01	12	0
13	CPH01	13	0	13	CPH01	13	0	13	CPH01	13	0
14	CPH01	14	0	14	CPH01	14	0	14	CPH01	14	0
15	CPH01	15	0	15	CPH01	15	0	15	CPH01	15	0
16	CPH01	16	0	16	CPH01	16	0	16	CPH01	16	0
17	CPH01	17	0	17	CPH01	17	0	17	CPH01	17	0
18	CPH01	18	0	18	CPH01	18	0	18	CPH01	18	0
19	CPH01	19	0	19	CPH01	19	0	19	CPH01	19	0
20	CPH01	20	0	20	CPH01	20	0	20	CPH01	20	0
21	CPH01	21	0	21	CPH01	21	0	21	CPH01	21	0
22	CPH01	22	0	22	CPH01	22	0	22	CPH01	22	0
23	CPH01	23	0	23	CPH01	23	0	23	CPH01	23	0
24	CPH01	24	0	24	CPH01	24	0	24	CPH01	24	0
25	CPH01	25	0	25	CPH01	25	0	25	CPH01	25	0
26	CPH01	26	0	26	CPH01	26	0	26	CPH01	26	0
27	CPH01	27	0	27	CPH01	27	0	27	CPH01	27	0
28	CPH01	28	0	28	CPH01	28	0	28	CPH01	28	0
29	CPH01	29	0	29	CPH01	29	0	29	CPH01	29	0
30	CPH01	30	0	30	CPH01	30	0	30	CPH01	30	0
31	CPH01	31	0	31	CPH01	31	0	31	CPH01	31	0
32	CPH01	32	0	32	CPH01	32	0	32	CPH01	32	0
33	CPH01	33	0	33	CPH01	33	0	33	CPH01	33	0
34	CPH01	34	0	34	CPH01	34	0	34	CPH01	34	0
35	CPH01	35	0	35	CPH01	35	0	35	CPH01	35	0
36	CPH01	36	0	36	CPH01	36	0	36	CPH01	36	0
37	CPH01	37	0	37	CPH01	37	0	37	CPH01	37	0
38	CPH01	38	0	38	CPH01	38	0	38	CPH01	38	0
39	CPH01	39	0	39	CPH01	39	0	39	CPH01	39	0
40	CPH01	40	0	40	CPH01	40	0	40	CPH01	40	0
41	CPH01	41	0	41	CPH01	41	0	41	CPH01		

[illegible]

Band 38 Ant 0 (D38)									
GR (MHz)	Modulation	WSS No.	GR Code	Power (W) (F1/F2)	Power (W) (F1/F2)	Power (W) (F1/F2)	Forward Rate (Mbps)	GRF	GRF Type
Frequency Group 1									
20	QPSK	1	0	1.748	1.752	1.757	20.0	0	
20	QPSK	1	1	1.748	1.752	1.757			
20	QPSK	1	2	1.748	1.752	1.757			
20	QPSK	1	3	1.748	1.752	1.757			
20	QPSK	1	4	1.748	1.752	1.757			
20	QPSK	1	5	1.748	1.752	1.757			
20	QPSK	1	6	1.748	1.752	1.757			
20	QPSK	1	7	1.748	1.752	1.757			
20	QPSK	1	8	1.748	1.752	1.757			
20	QPSK	1	9	1.748	1.752	1.757			
20	QPSK	1	10	1.748	1.752	1.757			
20	QPSK	1	11	1.748	1.752	1.757			
20	QPSK	1	12	1.748	1.752	1.757			
20	QPSK	1	13	1.748	1.752	1.757			
20	QPSK	1	14	1.748	1.752	1.757			
20	QPSK	1	15	1.748	1.752	1.757			
20	QPSK	1	16	1.748	1.752	1.757			
20	QPSK	1	17	1.748	1.752	1.757			
20	QPSK	1	18	1.748	1.752	1.757			
20	QPSK	1	19	1.748	1.752	1.757			
20	QPSK	1	20	1.748	1.752	1.757			
20	QPSK	1	21	1.748	1.752	1.757			
20	QPSK	1	22	1.748	1.752	1.757			
20	QPSK	1	23	1.748	1.752	1.757			
20	QPSK	1	24	1.748	1.752	1.757			
20	QPSK	1	25	1.748	1.752	1.757			
20	QPSK	1	26	1.748	1.752	1.757			
20	QPSK	1	27	1.748	1.752	1.757			
20	QPSK	1	28	1.748	1.752	1.757			
20	QPSK	1	29	1.748	1.752	1.757			
20	QPSK	1	30	1.748	1.752	1.757			
20	QPSK	1	31	1.748	1.752	1.757			
20	QPSK	1	32	1.748	1.752	1.757			
20	QPSK	1	33	1.748	1.752	1.757			
20	QPSK	1	34	1.748	1.752	1.757			
20	QPSK	1	35	1.748	1.752	1.757			
20	QPSK	1	36	1.748	1.752	1.757			
20	QPSK	1	37	1.748	1.752	1.757			
20	QPSK	1	38	1.748	1.752	1.757			
20	QPSK	1	39	1.748	1.752	1.757			
20	QPSK	1	40	1.748	1.752	1.757			
20	QPSK	1	41	1.748	1.752	1.757			
20	QPSK	1	42	1.748	1.752	1.757			
20	QPSK	1	43	1.748	1.752	1.757			
20	QPSK	1	44	1.748	1.752	1.757			
20	QPSK	1	45	1.748	1.752	1.757			
20	QPSK	1	46	1.748	1.752	1.757			
20	QPSK	1	47	1.748	1.752	1.757			
20	QPSK	1	48	1.748	1.752	1.757			
20	QPSK	1	49	1.748	1.752	1.757			
20	QPSK	1	50	1.748	1.752	1.757			
20	QPSK	1							

Band 38_Ant 1(DS13)									
SR (MHz)	Subcarrier	SR Size	SR (Ch)	Power (Ch 1, 2, 3)	Power (Ch 4, 5, 6)	Power (Ch 7, 8, 9)	Power (Ch 10, 11, 12)	Power (Ch 13, 14, 15)	SR Type
Frequency (MHz)									
251	0	1	00	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	01	21.50	21.50	21.50	21.50	21.50	
251	0	1	02	21.50	21.50	21.50	21.50	21.50	
251	0	1	03	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	04	21.50	21.50	21.50	21.50	21.50	
251	0	1	05	21.50	21.50	21.50	21.50	21.50	
251	0	1	06	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	07	21.50	21.50	21.50	21.50	21.50	
251	0	1	08	21.50	21.50	21.50	21.50	21.50	
251	0	1	09	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	10	21.50	21.50	21.50	21.50	21.50	
251	0	1	11	21.50	21.50	21.50	21.50	21.50	
251	0	1	12	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	13	21.50	21.50	21.50	21.50	21.50	
251	0	1	14	21.50	21.50	21.50	21.50	21.50	
251	0	1	15	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	16	21.50	21.50	21.50	21.50	21.50	
251	0	1	17	21.50	21.50	21.50	21.50	21.50	
251	0	1	18	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	19	21.50	21.50	21.50	21.50	21.50	
251	0	1	20	21.50	21.50	21.50	21.50	21.50	
251	0	1	21	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	22	21.50	21.50	21.50	21.50	21.50	
251	0	1	23	21.50	21.50	21.50	21.50	21.50	
251	0	1	24	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	25	21.50	21.50	21.50	21.50	21.50	
251	0	1	26	21.50	21.50	21.50	21.50	21.50	
251	0	1	27	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	28	21.50	21.50	21.50	21.50	21.50	
251	0	1	29	21.50	21.50	21.50	21.50	21.50	
251	0	1	30	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	31	21.50	21.50	21.50	21.50	21.50	
251	0	1	32	21.50	21.50	21.50	21.50	21.50	
251	0	1	33	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	34	21.50	21.50	21.50	21.50	21.50	
251	0	1	35	21.50	21.50	21.50	21.50	21.50	
251	0	1	36	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	37	21.50	21.50	21.50	21.50	21.50	
251	0	1	38	21.50	21.50	21.50	21.50	21.50	
251	0	1	39	21.50	21.50	21.50	21.50	21.50	25.0
251	0	1	40	21.50	21.50	21.			

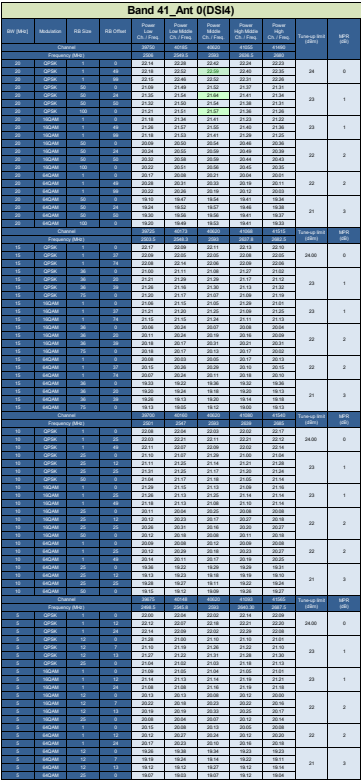
Band 38 Ant 3(DS13)									
BSR [MHz]	Subcarrier	PRB Size	PRB Index	PRB (DS13)	PRB (DS13)	PRB (DS13)	PRB (DS13)	PRB (DS13)	PRB (DS13)
Frequency Range									
38	DSFSS	1	0	2175	2175	2175	2175	2175	2175
38	DSFSS	1	0	2176	2176	2176	2176	2176	2176
38	DSFSS	1	0	2177	2177	2177	2177	2177	2177
38	DSFSS	1	0	2178	2178	2178	2178	2178	2178
38	DSFSS	1	0	2179	2179	2179	2179	2179	2179
38	DSFSS	1	0	2180	2180	2180	2180	2180	2180
38	DSFSS	1	0	2181	2181	2181	2181	2181	2181
38	DSFSS	1	0	2182	2182	2182	2182	2182	2182
38	DSFSS	1	0	2183	2183	2183	2183	2183	2183
38	DSFSS	1	0	2184	2184	2184	2184	2184	2184
38	DSFSS	1	0	2185	2185	2185	2185	2185	2185
38	DSFSS	1	0	2186	2186	2186	2186	2186	2186
38	DSFSS	1	0	2187	2187	2187	2187	2187	2187
38	DSFSS	1	0	2188	2188	2188	2188	2188	2188
38	DSFSS	1	0	2189	2189	2189	2189	2189	2189
38	DSFSS	1	0	2190	2190	2190	2190	2190	2190
38	DSFSS	1	0	2191	2191	2191	2191	2191	2191
38	DSFSS	1	0	2192	2192	2192	2192	2192	2192
Frequency Range									
38	DSFSS	1	0	2193	2193	2193	2193	2193	2193
38	DSFSS	1	0	2194	2194	2194	2194	2194	2194
38	DSFSS	1	0	2195	2195	2195	2195	2195	2195
38	DSFSS	1	0	2196	2196	2196	2196	2196	2196
38	DSFSS	1	0	2197	2197	2197	2197	2197	2197
38	DSFSS	1	0	2198	2198	2198	2198	2198	2198
38	DSFSS	1	0	2199	2199	2199	2199	2199	2199
38	DSFSS	1	0	2200	2200	2200	2200	2200	2200
38	DSFSS	1	0	2201	2201	2201	2201	2201	2201
38	DSFSS	1	0	2202	2202	2202	2202	2202	2202
38	DSFSS	1	0	2203	2203	2203	2203	2203	2203
38	DSFSS	1	0	2204	2204	2204	2204	2204	2204
38	DSFSS	1	0	2205	2205	2205	2205	2205	2205
38	DSFSS	1	0	2206	2206	2206	2206	2206	2206
38	DSFSS	1	0	2207	2207	2207	2207	2207	2207
38	DSFSS	1	0	2208	2208	2208	2208	2208	2208
38	DSFSS	1	0	2209	2209	2209	2209	2209	2209
38	DSFSS	1	0	2210	2210	2210	2210	2210	2210
38	DSFSS	1	0	2211	2211	2211	2211	2211	2211
38	DSFSS	1	0	2212	2212	2212	2212	2212	2212
38	DSFSS	1	0	2213	2213	2213	2213	2213	2213
38	DSFSS	1	0	2214	2214	2214	2214	2214	2214
38	DSFSS	1	0	2215	2215	2215	2215	2215	2215
38	DSFSS	1	0	2216	2216	2216	2216	2216	2216
38	DSFSS	1	0	2217	2217	2217	2217	2217	2217
38	DSFSS	1	0	2218	2218				

[illegible]

Band 4_Ant 0(DS13)										
SPRINT	Bandwidth	PRB Size	PRB	Power CA Tx (dBm)	Power CA Rx (dBm)	Power CA Tx (dBm)	Power CA Rx (dBm)	Power CA Tx (dBm)	Power CA Rx (dBm)	Power CA Tx (dBm)
CA Channel 1 (CA1)										
CA1	100	1	1	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	16	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	31	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	46	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	61	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	76	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	91	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	106	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	121	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	136	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	151	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	166	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	181	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	196	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	211	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	226	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	241	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	256	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	271	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	286	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	301	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	316	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	331	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	346	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	361	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	376	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	391	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	406	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	421	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	436	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	451	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	466	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	481	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	496	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	511	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	526	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	541	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	556	25.74	23.93	23.93	23.93	23.93	23.93	
CA1	100	1	571	25.74	23.93	23.93	23.93			

Band 41_Ant 1 (DS13)											
RF MHz	Modulation	Alt SS	Alt Offset	Power (dBm)	Power (dBm) (Tx)	Power (dBm) (Tx) (Avg)	Power (dBm) (Tx) (Peak)	Power (dBm) (Tx) (Peak)	Power (dBm) (Tx) (Peak)	Transmit Rate (kbps)	Ant 1 (dB)
Channel 1 (41.000)											
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	24	0
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	0
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	1
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	24	2
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	3
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
Channel 2 (41.000)											
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	24	0
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	0
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	1
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	20	2
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00		
41.000	OFDM	1	0	23.00	23.00	23.00	23.00	23.00	23.00	24	2
41.000	OFDM	1	0	23.00	23.00	23.00					

[illegible][illegible]





Band 7_Ant 0(Default)(other PA)																
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch/Freq	Power Level Ch/Freq	Power Level Ch/Freq	Turn-up limit (dBm)	MFR (dB)								
Channel																
Frequency (MHz)																
20	QPSK	1	0	23.43	23.50	23.56			25	0	24	1				
20	QPSK	1	49	23.63	23.72	23.73										
20	QPSK	1	99	23.83	23.84	23.86										
20	QPSK	50	0	23.98	23.93	23.95										
20	QPSK	50	24	23.98	23.94	23.92										
20	QPSK	50	49	23.93	23.90	23.96			24	1	24	1				
20	16QAM	1	0	22.90	23.06	22.97										
20	16QAM	1	49	23.94	23.92	23.96										
20	16QAM	1	99	22.97	23.17	23.13										
20	16QAM	50	0	22.12	22.15	22.05										
20	16QAM	50	24	22.96	22.90	22.96			23	2	23	2				
20	16QAM	50	50	22.00	22.03	21.92										
20	16QAM	100	0	21.88	22.01	21.99										
20	16QAM	100	49	21.98	22.08	21.91										
20	8QAM	1	0	21.84	22.01	21.82										
20	8QAM	1	49	21.98	22.08	21.91			22	3	22	3				
20	8QAM	1	99	21.97	22.15	21.92										
20	8QAM	50	24	20.85	21.02	20.87										
20	8QAM	50	50	21.08	21.09	21.00										
20	8QAM	100	0	20.94	21.00	20.91										
Channel																
Frequency (MHz)																
15	QPSK	1	0	23.48	23.36	23.36			25	0	25	0				
15	QPSK	1	37	23.55	23.63	23.72										
15	QPSK	1	74	23.65	23.57	23.63										
15	QPSK	36	0	23.11	23.16	23.21										
15	QPSK	36	36	22.94	22.95	23.03										
15	QPSK	36	99	23.16	23.13	23.18			24	1	24	1				
15	QPSK	75	0	23.02	23.16	22.98										
15	16QAM	1	0	21.80	21.88	21.87										
15	16QAM	1	37	23.19	23.11	23.18										
15	16QAM	1	74	23.00	23.08	23.10										
15	16QAM	36	0	22.05	21.98	21.97			23	2	23	2				
15	16QAM	36	36	21.97	21.91	21.95										
15	16QAM	36	99	21.88	21.85	21.99										
15	16QAM	75	0	21.88	21.97	21.89										
15	16QAM	75	37	21.94	21.87	21.87										
15	8QAM	1	37	22.01	21.96	21.92			22	3	22	3				
15	8QAM	1	74	22.06	21.95	22.06										
15	8QAM	36	0	20.80	20.91	20.89										
15	8QAM	36	20	20.92	20.88	20.97										
15	8QAM	36	99	20.92	20.90	21.10										
15	8QAM	75	0	20.99	21.04	20.92										
Channel																
Frequency (MHz)																
10	QPSK	1	0	23.53	23.55	23.65			25	0	25	0				
10	QPSK	1	25	23.63	23.65	23.45										
10	QPSK	1	49	23.47	23.52	23.50										
10	QPSK	25	0	23.06	23.06	23.21										
10	QPSK	25	12	23.03	23.05	22.88										
10	QPSK	25	25	23.14	23.07	23.15			24	1	24	1				
10	QPSK	50	0	23.07	23.05	23.11										
10	16QAM	1	0	22.97	22.92	22.88										
10	16QAM	1	25	23.03	23.04	23.18										
10	16QAM	1	49	22.98	22.97	23.14										
10	16QAM	25	0	22.07	22.14	22.16			23	2	23	2				
10	16QAM	25	12	21.97	22.04	21.96										
10	16QAM	25	25	21.84	21.96	21.85										
10	16QAM	50	0	21.85	21.80	21.98										
10	8QAM	1	0	21.97	21.83	21.81										
10	8QAM	1	25	22.01	21.97	21.94			22	3	22	3				
10	8QAM	1	49	22.10	22.05	21.98										
10	8QAM	25	0	20.86	20.92	20.83										
10	8QAM	25	12	20.86	20.85	20.80										
10	8QAM	25	25	20.92	20.90	20.90										
10	8QAM	50	0	20.97	21.00	20.87			21	3	21	3				
10	8QAM	50	25	20.92	20.90	20.92										
10	8QAM	50	49	20.97	20.94	20.92										
10	8QAM	100	0	20.77	21.00	21.00										
10	8QAM	100	49	20.92	20.94	20.92										
Channel																
Frequency (MHz)																
5	QPSK	1	0	23.52	23.45	23.41			25	0	25	0				
5	QPSK	1	12	23.69	23.65	23.85										
5	QPSK	1	24	23.49	23.52	23.51										
5	QPSK	12	0	23.07	23.07	23.12										
5	QPSK	12	7	22.91	22.87	22.92										
5	QPSK	12	13	23.15	23.10	23.16			24	1	24	1				
5	QPSK	25	0	23.07	23.04	22.99										
5	16QAM	1	0	23.00	23.04	22.86										
5	16QAM	1	12	23.09	23.12	23.05										
5	16QAM	1	24	23.00	23.02	22.97										
5	16QAM	12	0	21.97	21.97	22.07			23	2	23	2				
5	16QAM	12	7	21.97	21.94	21.98										
5	16QAM	12	13	21.90	21.96	21.97										
5	16QAM	25	0	21.93	21.91	21.85										
5	8QAM	1	0	21.88	22.00	21.88										
5	8QAM	1	12	21.87	22.02	22.09			22	3	22	3				
5	8QAM	12	0	20.93	20.85	20.93										
5	8QAM	12	7	20.82	20.86	20.88										
5	8QAM	12	13	21.01	21.03	21.05										
5	8QAM	25	0	20.90	20.94	20.93										

Band 7_Ant 1(Default)(other PA)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch/Freq	Power Level Ch/Freq	Power Level Ch/Freq	Turn-up limit (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.22	22.91	23.08			24.5	0	24.5	0
20	QPSK	1	49	23.33	22.99	23.38						
20	QPSK	1	99	23.61	23.61	23.71						
20	QPSK	50	0	22.17	22.31	22.11						
20	QPSK	50	24	22.30	22.33	22.34						
20	QPSK	50	49	22.26	22.30	22.31			23.5	1	23.5	1
20	16QAM	100	0	22.17	22.19	22.21						
20	16QAM	1	0	22.38	22.42	22.34						
20	16QAM	1	49	22.33	22.29	22.28						
20	16QAM	1	99	22.30	22.35	22.29						
20	16QAM	50	0	21.24	21.36	21.26			22.5	2	22.5	2
20	16QAM	50	24	21.12	21.18	21.15						
20	16QAM	50	49	21.14	21.13	21.14						
20	16QAM	100	0	21.24	21.32	21.27						
20	16QAM	1	0	21.30	21.28	21.24						
20	16QAM	1	49	21.28	21.28	21.24			21.5	3	21.5	3
20	16QAM	1	99	21.26	21.26	21.24						
20	16QAM	50	0	20.21	20.33	20.29						
20	16QAM	50	24	20.28	20.32	20.29						
20	16QAM	50	49	20.18	20.24	20.21						
20	16QAM	100	0	20.28	20.34	20.27			Turn-up limit (dBm)	MFR (dB)		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.89	22.85	22.85			24.5	0	24.5	0
15	QPSK	1	37	22.87	22.96	22.96						
15	QPSK	1	75	22.90	22.90	22.90						
15	QPSK	36	0	22.17	22.28	22.18						
15	QPSK	36	20	22.22	22.30	22.30						
15	QPSK	36	49	22.09	22.10	22.10			23.5	1	23.5	1
15	QPSK	75	0	22.15	22.05	22.14						
15	16QAM	1	0	22.27	22.38	22.34						
15	16QAM	1	37	22.27	22.27	22.28						
15	16QAM	1	74	22.33	22.32	22.31						
15	16QAM	36	0	21.23	21.28	21.33			22.5	2	22.5	2
15	16QAM	36	20	21.14	21.03	21.03						
15	16QAM	36	49	21.14	21.11	21.19						
15	16QAM	75	0	21.19	21.25	21.25						
15	16QAM	75	37	21.23	21.26	21.26						
15	16QAM	1	37	21.15	21.20	21.13			21.5	3	21.5	3
15	16QAM	1	74	21.18	21.13	21.19						
15	16QAM	36	20	20.29	20.22	20.23						
15	16QAM	36	39	20.23	20.14	20.16						
15	16QAM	75	0	20.29	20.31	20.29						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.85	22.87	22.81			24.5	0	24.5	0
5	QPSK	1	49	22.88	22.98	22.98						
5	QPSK	26	0	22.28	22.27	22.29						
5	QPSK	26	13	22.30	22.30	22.30						
5	QPSK	26	25	22.14	22.10	22.10						
5	QPSK	50	0	22.11	22.07	22.13			23.5	1	23.5	1
5	QPSK	50	13	22.15	22.14	22.14						
5	16QAM	1	25	22.25	22.24	22.15						
5	16QAM	1	49	22.27	22.25	22.30						
5	16QAM	25	0	21.22	21.16	21.16						
5	16QAM	25	13	21.13	21.08	21.17			22.5	2	22.5	2
5	16QAM	25	25	21.07	21.06	21.12						
5	16QAM	50	0	21.18	21.21	21.20						
5	16QAM	50	13	21.17	21.34	21.28						
5	16QAM	1	25	21.17	21.19	21.22						
5	16QAM	1	49	21.14	21.10	21.10			21.5	3	21.5	3
5	16QAM	1	99	20.93	20.94	20.93						
5	16QAM	25	12	20.15	20.22	20.22						
5	16QAM	25	25	20.14	20.22	20.21						
5	16QAM	50	0	20.21	20.31	20.28						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0	24.5	0
5	QPSK	1	13	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	13	22.22	22.21	22.21						
5	QPSK	25	0	22.14	22.18	22.11			23.5	1	23.5	1
5	QPSK	25	13	22.35	22.35	22.35						
5	16QAM	1	12	22.27	22.23	22.28						
5	16QAM	1	24	22.27	22.22	22.24						
5	16QAM	12	0	21.36	21.36	21.36						
5	16QAM	12	7	21.04	21.14	21.05			22.5	2	22.5	2
5	16QAM	12	13	21.06	21.12	21.09						
5	16QAM	12	24	21.02	21.24	21.09						
5	16QAM	1	0	21.31	21.23	21.36						
5	16QAM	1	12	21.19	21.21	21.22						
5	16QAM	12	0	20.28	20.28	20.32			21.5	3	21.5	3
5	16QAM	12	7	20.16	20.20	20.20						
5	16QAM	12	13	20.16	20.20	20.20						
5	16QAM	12	24	20.28	20.29	20.31						
5	16QAM	50	0	20.28	20.29	20.31						

Band 7_Ant 0(DS10)(other PA)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F/Freq.	Power Ch./F/Freq.	Power Ch./F/Freq.	Turn-up limit (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.43	23.50	23.56			25	0		
20	QPSK	1	49	23.63	23.72	23.73						
20	QPSK	1	99	23.81	23.90	23.91						
20	QPSK	50	0	22.98	23.04	23.06						
20	QPSK	50	24	23.08	23.04	23.22						
20	QPSK	50	50	23.04	23.10	23.16			24	1		
20	QPSK	100	0	23.02	23.10	23.16						
20	16QAM	1	0	22.90	23.06	22.87						
20	16QAM	1	49	23.04	23.22	23.16						
20	16QAM	1	99	22.97	23.17	23.13						
20	16QAM	50	0	22.12	22.15	22.06			23	2		
20	16QAM	50	24	22.06	22.00	21.96						
20	16QAM	50	50	22.00	22.03	21.92						
20	16QAM	100	0	21.88	22.01	21.98						
20	16QAM	100	49	21.84	22.07	21.92						
20	8QAM	1	0	21.84	22.01	21.82			23	2		
20	8QAM	1	49	21.98	22.06	21.91						
20	8QAM	1	99	21.97	22.15	21.92						
20	8QAM	50	0	20.86	20.90	20.76						
20	8QAM	50	24	20.88	21.02	20.87						
20	8QAM	50	50	21.08	21.09	21.00			22	3		
20	8QAM	100	0	20.94	21.00	20.91						
Channel												
Frequency (MHz)												
				2657.5	2655	2656			Turn-up limit (dBm)	MFR (dB)		
15	QPSK	1	0	23.48	23.36	23.36			25	0		
15	QPSK	1	37	23.55	23.63	23.72						
15	QPSK	1	74	23.65	23.57	23.63						
15	QPSK	36	0	23.11	23.16	23.21						
15	QPSK	36	36	23.09	23.02	23.05						
15	QPSK	36	99	23.16	23.13	23.18			24	1		
15	QPSK	75	0	23.02	23.16	22.98						
15	16QAM	1	0	22.90	23.04	22.88						
15	16QAM	1	37	23.19	23.11	23.18						
15	16QAM	1	74	23.00	23.08	23.10						
15	16QAM	36	0	22.05	21.98	21.97			23	2		
15	16QAM	36	36	21.97	21.93	21.95						
15	16QAM	36	99	21.88	21.80	21.99						
15	16QAM	75	0	21.88	21.97	21.89						
15	16QAM	75	37	21.84	21.87	21.87						
15	8QAM	1	37	22.01	21.96	21.92			23	2		
15	8QAM	1	74	22.06	21.95	22.06						
15	8QAM	36	0	20.80	20.91	20.88						
15	8QAM	36	20	20.92	20.88	20.97						
15	8QAM	36	99	20.92	20.90	21.10						
15	8QAM	75	0	20.99	20.94	20.92			22	3		
Channel												
Frequency (MHz)												
				2655	2656	2665			Turn-up limit (dBm)	MFR (dB)		
10	QPSK	1	0	23.53	23.62	23.45			25	0		
10	QPSK	1	25	23.64	23.67	23.60						
10	QPSK	1	49	23.47	23.52	23.52						
10	QPSK	25	0	23.06	23.06	23.21						
10	QPSK	25	12	23.03	23.03	23.08						
10	QPSK	25	25	23.14	23.07	23.15			24	1		
10	QPSK	50	0	23.07	23.05	23.11						
10	16QAM	1	0	22.97	23.02	22.88						
10	16QAM	1	25	23.03	23.04	23.18						
10	16QAM	1	49	22.98	22.97	23.14						
10	16QAM	25	0	22.07	22.14	22.16			23	2		
10	16QAM	25	12	21.97	22.04	21.96						
10	16QAM	25	25	21.84	21.96	21.85						
10	16QAM	50	0	21.85	21.80	21.98						
10	8QAM	1	0	21.97	21.83	21.81						
10	8QAM	1	25	22.01	21.97	21.94			23	2		
10	8QAM	1	49	22.10	22.05	21.98						
10	8QAM	25	0	20.86	20.92	20.83						
10	8QAM	25	12	20.86	20.85	20.90						
10	8QAM	25	25	20.92	20.90	20.90						
10	8QAM	50	0	20.97	21.00	20.87			22	3		
Channel												
Frequency (MHz)												
				2677.5	2675	2676			Turn-up limit (dBm)	MFR (dB)		
5	QPSK	1	0	23.52	23.45	23.41			25	0		
5	QPSK	1	12	23.69	23.65	23.65						
5	QPSK	1	24	23.49	23.52	23.51						
5	QPSK	12	0	23.07	23.07	23.12						
5	QPSK	12	7	22.91	22.87	22.92						
5	QPSK	12	13	23.15	23.10	23.16			24	1		
5	QPSK	25	0	23.07	23.04	22.99						
5	16QAM	1	0	23.00	23.04	22.86						
5	16QAM	1	12	23.09	23.12	23.05						
5	16QAM	1	24	23.00	23.02	22.97						
5	16QAM	12	0	21.97	21.97	22.07			23	2		
5	16QAM	12	7	21.97	21.94	21.98						
5	16QAM	12	13	21.90	21.96	21.97						
5	16QAM	25	0	21.93	21.87	21.85						
5	8QAM	1	0	21.88	22.00	21.88						
5	8QAM	1	12	21.87	22.02	22.00			23	2		
5	8QAM	1	24	21.94	22.05	22.09						
5	8QAM	12	0	20.93	20.86	20.93						
5	8QAM	12	7	20.82	20.86	20.88						
5	8QAM	12	13	21.01	21.03	21.05						
5	8QAM	25	0	20.90	20.94	20.93			22	3		
Channel												
Frequency (MHz)												

Band 7_Ant 1(DS10)(other PA)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-up limit (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	23.22	22.91	23.08			24.5	0		
20	QPSK	1	49	23.33	22.99	23.39						
20	QPSK	1	99	23.61	22.99	23.71						
20	QPSK	50	0	22.17	22.31	22.11						
20	QPSK	50	24	22.30	22.33	22.34						
20	QPSK	50	49	22.26	22.23	22.21			23.5	1		
20	QPSK	100	0	22.17	22.19	22.21						
20	16QAM	1	0	22.38	22.42	22.34						
20	16QAM	1	49	22.33	22.29	22.28						
20	16QAM	1	99	22.30	22.35	22.29						
20	16QAM	50	0	21.24	21.36	21.26			22.5	2		
20	16QAM	50	24	21.12	21.18	21.15						
20	16QAM	50	50	21.14	21.20	21.06						
20	16QAM	100	0	21.24	21.32	21.27						
20	16QAM	100	49	21.32	21.38	21.24						
20	8QAM	1	49	21.26	21.28	21.24			22.5	2		
20	8QAM	1	99	21.16	21.23	21.14						
20	8QAM	50	0	20.21	20.39	20.29						
20	8QAM	50	24	20.14	20.24	20.11						
20	8QAM	50	50	20.18	20.24	20.10						
20	8QAM	100	0	20.26	20.34	20.17			21.5	3		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.89	22.85	22.85			24.5	0		
15	QPSK	1	37	22.87	22.86	22.90						
15	QPSK	1	74	22.90	22.88	22.86						
15	QPSK	36	0	22.17	22.18	22.18						
15	QPSK	36	36	22.20	22.30	22.20						
15	QPSK	36	99	22.09	22.11	22.14			23.5	1		
15	QPSK	75	0	22.15	22.05	22.14						
15	16QAM	1	0	22.20	22.24	22.14						
15	16QAM	1	37	22.18	22.27	22.28						
15	16QAM	1	74	22.33	22.29	22.21			22.5	2		
15	16QAM	36	0	21.23	21.28	21.23						
15	16QAM	36	36	21.14	21.03	21.14						
15	16QAM	36	99	21.14	21.11	21.09						
15	16QAM	75	0	21.19	21.25	21.25			22.5	2		
15	16QAM	75	36	21.12	21.06	21.12						
15	16QAM	75	99	21.15	21.10	21.13						
15	16QAM	100	0	21.25	21.30	21.23						
15	16QAM	100	37	21.16	21.20	21.13			21.5	3		
15	16QAM	100	74	21.18	21.13	21.19						
15	16QAM	36	29	20.21	20.22	20.23						
15	16QAM	36	39	20.23	20.14	20.16						
15	16QAM	75	0	20.29	20.31	20.29						
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.85	22.87	22.81			24.5	0		
10	QPSK	1	49	22.86	22.87	22.88						
10	QPSK	1	99	22.88	22.88	22.88						
10	QPSK	26	0	22.28	22.27	22.29						
10	QPSK	26	26	22.30	22.29	22.30						
10	QPSK	26	52	22.14	22.10	22.10			23.5	1		
10	QPSK	50	0	22.11	22.07	22.13						
10	QPSK	50	26	22.15	22.14	22.15						
10	QPSK	100	0	22.25	22.24	22.24						
10	QPSK	100	26	22.27	22.26	22.26						
10	16QAM	1	25	22.26	22.24	22.14			22.5	2		
10	16QAM	1	49	22.27	22.25	22.30						
10	16QAM	25	0	21.22	21.18	21.18						
10	16QAM	25	25	21.13	21.08	21.17						
10	16QAM	25	50	21.07	21.06	21.12						
10	16QAM	50	0	21.18	21.21	21.20			22.5	2		
10	16QAM	50	25	21.14	21.14	21.20						
10	16QAM	100	0	21.17	21.19	21.22						
10	16QAM	100	49	21.14	21.11	21.10						
10	16QAM	100	75	21.09	21.09	21.10						
10	8QAM	1	49	21.14	21.13	21.13			22.5	2		
10	8QAM	1	99	21.04	21.04	21.04						
10	8QAM	25	12	20.15	20.22	20.22						
10	8QAM	25	25	20.14	20.22	20.21						
10	8QAM	25	50	20.14	20.22	20.21						
10	8QAM	50	0	20.21	20.31	20.28			21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0		
5	QPSK	1	12	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	12	22.23	22.31	22.31						
5	QPSK	12	13	22.17	22.22	22.15			23.5	1		
5	QPSK	25	0	22.14	22.18	22.11						
5	QPSK	25	12	22.15	22.35	22.35						
5	QPSK	1	12	22.27	22.23	22.28						
5	16QAM	1	24	22.27	22.22	22.24						
5	16QAM	1	25	22.16	22.16	22.16			22.5	2		
5	16QAM	12	7	21.04	21.14	21.05						
5	16QAM	12	13	21.06	21.12	21.09						
5	16QAM	12	24	21.02	21.22	21.24						
5	16QAM	1	0	21.31	21.23	21.36						
5	16QAM	1	12	21.19	21.21	21.22			22.5	2		
5	16QAM	1	24	21.09	21.10	21.10						
5	16QAM	12	0	20.28	20.28	20.32						
5	16QAM	12	7	20.16	20.20	20.20						
5	16QAM	12	24	20.20	20.20	20.31						
5	8QAM	1	0	20.28	20.29	20.31			21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0		
5	QPSK	1	12	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	12	22.23	22.31	22.31						
5	QPSK	12	13	22.17	22.22	22.15			23.5	1		
5	QPSK	25	0	22.14	22.18	22.11						
5	QPSK	25	12	22.15	22.35	22.35						
5	QPSK	1	12	22.27	22.23	22.28						
5	16QAM	1	24	22.27	22.22	22.24						
5	16QAM	1	25	22.16	22.16	22.16			22.5	2		
5	16QAM	12	7	21.04	21.14	21.05						
5	16QAM	12	13	21.06	21.12	21.09						
5	16QAM	12	24	21.02	21.22	21.24						
5	16QAM	1	0	21.31	21.23	21.36						
5	16QAM	1	12	21.19	21.21	21.22			22.5	2		
5	16QAM	1	24	21.09	21.10	21.10						
5	16QAM	12	0	20.28	20.28	20.32						
5	16QAM	12	7	20.16	20.20	20.20						
5	16QAM	12	24	20.20	20.20	20.31						
5	8QAM	1	0	20.28	20.29	20.31			21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0		
5	QPSK	1	12	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	12	22.23	22.31	22.31						
5	QPSK	12	13	22.17	22.22	22.15			23.5	1		
5	QPSK	25	0	22.14	22.18	22.11						
5	QPSK	25	12	22.15	22.35	22.35						
5	QPSK	1	12	22.27	22.23	22.28						
5	16QAM	1	24	22.27	22.22	22.24						
5	16QAM	1	25	22.16	22.16	22.16			22.5	2		
5	16QAM	12	7	21.04	21.14	21.05						
5	16QAM	12	13	21.06	21.12	21.09						
5	16QAM	12	24	21.02	21.22	21.24						
5	16QAM	1	0	21.31	21.23	21.36						
5	16QAM	1	12	21.19	21.21	21.22			22.5	2		
5	16QAM	1	24	21.09	21.10	21.10						
5	16QAM	12	0	20.28	20.28	20.32						
5	16QAM	12	7	20.16	20.20	20.20						
5	16QAM	12	24	20.20	20.20	20.31						
5	8QAM	1	0	20.28	20.29	20.31			21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0		
5	QPSK	1	12	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	12	22.23	22.31	22.31						
5	QPSK	12	13	22.17	22.22	22.15			23.5	1		
5	QPSK	25	0	22.14	22.18	22.11						
5	QPSK	25	12	22.15	22.35	22.35						
5	QPSK	1	12	22.27	22.23	22.28						
5	16QAM	1	24	22.27	22.22	22.24						
5	16QAM	1	25	22.16	22.16	22.16			22.5	2		
5	16QAM	12	7	21.04	21.14	21.05						
5	16QAM	12	13	21.06	21.12	21.09						
5	16QAM	12	24	21.02	21.22	21.24						
5	16QAM	1	0	21.31	21.23	21.36						
5	16QAM	1	12	21.19	21.21	21.22			22.5	2		
5	16QAM	1	24	21.09	21.10	21.10						
5	16QAM	12	0	20.28	20.28	20.32						
5	16QAM	12	7	20.16	20.20	20.20						
5	16QAM	12	24	20.20	20.20	20.31						
5	8QAM	1	0	20.28	20.29	20.31			21.5	3		
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.82	22.82	22.77			24.5	0		
5	QPSK	1	12	22.87	22.93	22.90						
5	QPSK	1	24	22.85	22.89	22.87						
5	QPSK	12	0	22.22	22.30	22.28						
5	QPSK	12	12	22.23	22.31	22.31						
5	QPSK	12	13	22.17	22.22	22.15			23.5	1		
5	QPSK	25	0	22.14	22.18	22.1						

Band 7_Ant 0(DS13)(other PA)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch / Freq	Power Ch / Freq	Power Ch / Freq	Turn-up limit (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.44	22.37	22.48			24	0		
20	QPSK	1	49	22.61	22.59	22.65						
20	QPSK	1	99	22.61	22.59	22.65						
20	QPSK	50	0	22.44	22.52	22.54						
20	QPSK	50	24	22.51	22.57	22.63			24	0		
20	QPSK	50	49	22.51	22.53	22.55						
20	QPSK	100	0	22.58	22.48	22.58						
20	16QAM	1	0	22.42	22.54	22.42						
20	16QAM	1	49	22.51	22.53	22.43			24	0		
20	16QAM	1	99	22.21	22.54	22.23						
20	16QAM	50	0	22.60	22.62	21.91						
20	16QAM	50	24	21.95	22.61	21.96						
20	16QAM	50	50	21.81	21.93	21.87			23	1		
20	16QAM	100	0	21.82	22.51	21.86						
20	16QAM	1	0	21.99	22.64	21.90						
20	16QAM	1	49	21.76	21.88	21.82						
20	16QAM	1	99	21.90	21.91	21.89			22	2		
20	16QAM	50	0	20.96	21.60	20.97						
20	16QAM	50	24	20.90	20.98	20.97						
20	16QAM	50	50	20.85	20.94	20.92						
20	16QAM	100	0	20.92	20.99	20.94			Turn-up limit (dBm)	MFR (dB)		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.35	22.43	22.34			24	0		
15	QPSK	1	37	22.62	22.54	22.52						
15	QPSK	1	74	22.40	22.33	22.39						
15	QPSK	36	0	22.52	22.53	22.42						
15	QPSK	36	24	22.62	22.62	22.57			24	0		
15	QPSK	36	99	22.56	22.47	22.49						
15	QPSK	75	0	22.50	22.50	22.43						
15	16QAM	1	37	22.38	22.52	22.41						
15	16QAM	1	74	22.31	22.23	22.32			23	1		
15	16QAM	36	0	21.97	21.98	21.97						
15	16QAM	36	24	22.60	21.84	21.89						
15	16QAM	36	99	21.78	21.83	21.81						
15	16QAM	75	0	21.91	21.91	21.94			23	1		
15	16QAM	1	74	21.95	21.93	21.92						
15	16QAM	1	37	21.85	21.83	21.79						
15	16QAM	1	74	21.88	21.80	21.90						
15	16QAM	36	0	21.00	20.94	20.96			22	2		
15	16QAM	36	20	20.91	20.97	20.96						
15	16QAM	36	99	20.92	20.97	20.95						
15	16QAM	75	0	20.91	20.94	20.91						
Channel												
Frequency (MHz)												
5	QPSK	1	0	22.43	22.47	22.43			24	0		
5	QPSK	1	12	22.58	22.52	22.52						
5	QPSK	1	24	22.45	22.29	22.34						
5	QPSK	12	0	22.50	22.53	22.51						
5	QPSK	12	7	22.53	22.58	22.51			24	0		
5	QPSK	12	13	22.57	22.53	22.58						
5	QPSK	25	0	22.54	22.44	22.55						
5	16QAM	1	0	22.48	22.48	22.52						
5	16QAM	1	12	22.52	22.44	22.44			24	0		
5	16QAM	12	0	21.95	21.97	21.89						
5	16QAM	12	7	21.95	21.90	21.89						
5	16QAM	12	13	21.90	21.91	21.86						
5	16QAM	25	0	21.94	21.89	21.95			23	1		
5	16QAM	1	0	21.84	21.90	21.98						
5	16QAM	1	12	21.76	21.79	21.75						
5	16QAM	1	24	21.82	21.78	21.88						
5	16QAM	12	0	20.97	21.62	20.96			22	2		
5	16QAM	12	7	20.93	20.99	20.95						
5	16QAM	12	13	20.85	20.93	20.90						
5	16QAM	25	0	20.91	20.90	20.92						

Band 7_Ant 1(DS13)(other PA)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch / Freq	Power Ch / Freq	Power Ch / Freq	Turn-up limit (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	22.32	22.91	23.08			24.5	0		
20	QPSK	1	49	23.33	22.99	23.38						
20	QPSK	1	99	23.31	22.99	23.21						
20	QPSK	50	0	22.17	22.31	22.11						
20	QPSK	50	24	22.30	22.33	22.34			23.5	1		
20	QPSK	50	49	22.28	22.30	22.28						
20	QPSK	100	0	22.17	22.19	22.21						
20	16QAM	1	0	22.38	22.42	22.34						
20	16QAM	1	49	22.33	22.39	22.28			23.5	1		
20	16QAM	1	99	22.30	22.35	22.29						
20	16QAM	50	0	21.34	21.38	21.26						
20	16QAM	50	24	21.15	21.18	21.15						
20	16QAM	50	50	21.14	21.20	21.06			22.5	2		
20	16QAM	100	0	21.24	21.32	21.27						
20	16QAM	1	0	21.32	21.38	21.24						
20	16QAM	1	49	21.26	21.28	21.27						
20	16QAM	1	99	21.16	21.23	21.14			21.5	3		
20	16QAM	50	0	20.21	20.39	20.28						
20	16QAM	50	24	20.14	20.24	20.11						
20	16QAM	50	50	20.18	20.24	20.10						
20	16QAM	100	0	20.26	20.34	20.17			Turn-up limit (dBm)	MFR (dB)		
Channel												
Frequency (MHz)												
15	QPSK	1	0	22.89	22.88	22.85			24.5	0		
15	QPSK	1	37	22.87	22.96	22.90						
15	QPSK	1	74	22.90	22.88	22.86						
15	QPSK	36	0	22.17	22.18	22.18						
15	QPSK	36	24	22.22	22.39	22.30			23.5	1		
15	QPSK	36	99	22.09	22.11	22.14						
15	QPSK	75	0	22.15	22.05	22.14						
15	16QAM	1	37	22.18	22.27	22.28						
15	16QAM	1	74	22.33	22.29	22.21			23.5	1		
15	16QAM	36	0	21.23	21.28	21.21						
15	16QAM	36	24	21.17	21.03	21.14						
15	16QAM	36	99	21.14	21.11	21.19						
15	16QAM	75	0	21.19	21.25	21.25			22.5	2		
15	16QAM	1	74	21.26	21.28	21.32						
15	16QAM	1	37	21.15	21.20	21.13						
15	16QAM	1	74	21.16	21.13	21.19						
15	16QAM	36	0	20.32	20.38	20.25			21.5	3		
15	16QAM	36	20	20.21	20.22	20.23						
15	16QAM	36	99	20.23	20.14	20.16						
15	16QAM	75	0	20.29	20.31	20.29						
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.95	22.93	22.95			24.5	0		
10	QPSK	1	25	22.95	22.98	22.89						
10	QPSK	1	49	22.81	22.84	22.79						
10	QPSK	25	0	22.28	22.27	22.29						
10	QPSK	25	12	22.28	22.30	22.21			23.5	1		
10	QPSK	25	25	22.14	22.19	22.10						
10	QPSK	50	0	22.11	22.07	22.13						
10	16QAM	1	0	22.38	22.40	22.41						
10	16QAM	1	25	22.25	22.24	22.18			23.5	1		
10	16QAM	1	49	22.27	22.25	22.32						
10	16QAM	25	0	21.22	21.25	21.28						
10	16QAM	25	12	21.13	21.08	21.17						
10	16QAM	25	25	21.07	21.08	21.12			22.5	2		
10	16QAM	50	0	21.18	21.21	21.20						

Band 7_Ant 5(Default)													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq. 20650]	Power Mode Ch. [Freq. 21100]	Power High Ch. [Freq. 21350]	Time-up limit (dBm)	MPR (dB)					
Channel													
Frequency (MHz)													
20	QPSK	1	0	23.05	23.05	23.05	25	0					
20	QPSK	1	49	24.05	24.12	24.14							
20	QPSK	1	99	23.88	23.82	24.01							
20	QPSK	50	0	22.91	22.94	23.08							
20	QPSK	50	24	23.60	22.95	23.10	24	1					
20	QPSK	50	50	23.84	22.93	23.07							
20	QPSK	100	0	22.89	22.94	23.03							
20	16QAM	1	0	23.06	23.11	23.07							
20	16QAM	1	49	23.11	23.17	23.02	24	1					
20	16QAM	1	99	23.04	23.10	23.06							
20	16QAM	50	0	21.85	22.03	21.94							
20	16QAM	50	24	21.93	22.05	22.01							
20	16QAM	50	50	21.98	22.07	21.90	23	2					
20	16QAM	100	0	21.85	22.06	21.87							
20	16QAM	1	0	21.84	22.04	21.98							
20	16QAM	1	49	22.04	22.16	22.03							
20	64QAM	1	99	21.85	22.01	21.83	22	3					
20	64QAM	50	0	20.88	21.04	20.93							
20	64QAM	50	24	20.98	21.05	20.98							
20	64QAM	50	50	20.95	20.98	20.91							
20	64QAM	100	0	20.89	20.97	20.85	23	2					
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
15	QPSK	1	0	23.90	23.93	23.96	25	0					
15	QPSK	1	37	24.01	24.01	24.05							
15	QPSK	1	74	23.87	23.83	24.00							
15	QPSK	36	0	23.05	22.89	23.03							
15	QPSK	36	20	22.94	22.94	22.97	24	1					
15	QPSK	36	39	23.02	22.98	22.98							
15	QPSK	75	0	22.96	22.85	23.02							
15	16QAM	1	0	23.07	22.96	23.04							
15	16QAM	1	37	23.08	23.11	22.97	24	1					
15	16QAM	1	74	22.92	22.91	22.97							
15	16QAM	36	0	21.91	21.92	21.84							
15	16QAM	36	20	21.87	21.87	21.96							
15	16QAM	36	39	22.01	22.00	22.02	23	2					
15	16QAM	75	0	21.95	21.97	22.05							
15	64QAM	1	0	22.00	22.03	22.01							
15	64QAM	1	37	22.12	21.97	21.96							
15	64QAM	1	74	21.87	21.93	21.86	22	3					
15	64QAM	36	0	21.03	20.86	20.95							
15	64QAM	36	20	20.98	21.01	20.86							
15	64QAM	36	39	20.90	20.90	20.91							
15	64QAM	75	0	20.91	20.80	20.89	23	2					
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
10	QPSK	1	0	23.95	23.99	24.04	25	0					
10	QPSK	1	49	23.83	23.88	23.99							
10	QPSK	25	0	22.99	22.98	23.01							
10	QPSK	25	12	22.98	22.96	22.90							
10	QPSK	25	25	22.87	23.01	22.87	24	1					
10	QPSK	50	0	22.91	22.95	22.99							
10	16QAM	1	0	23.09	22.91	23.03							
10	16QAM	1	25	22.99	23.03	22.98							
10	16QAM	1	49	22.92	22.98	23.07	23	2					
10	16QAM	25	0	21.90	21.93	22.02							
10	16QAM	25	12	22.03	21.88	21.89							
10	16QAM	25	25	22.01	21.92	21.95							
10	16QAM	50	0	21.87	21.96	21.98	23	2					
10	64QAM	1	0	21.93	21.85	21.89							
10	64QAM	1	25	22.02	22.13	21.97							
10	64QAM	1	49	21.96	22.00	21.98							
10	64QAM	25	0	20.98	20.99	20.97	22	3					
10	64QAM	25	12	20.92	20.87	20.85							
10	64QAM	25	25	20.91	20.83	20.84							
10	64QAM	50	0	20.82	20.93	20.92							
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
5	QPSK	1	0	23.91	24.04	24.01	25	0					
5	QPSK	1	12	23.94	23.97	24.08							
5	QPSK	1	24	23.86	23.81	23.90							
5	QPSK	12	0	23.07	22.90	23.04							
5	QPSK	12	7	22.95	22.98	22.93	24	1					
5	QPSK	12	13	23.04	22.92	22.98							
5	QPSK	25	0	22.90	22.92	22.98							
5	16QAM	1	0	23.10	22.91	23.01							
5	16QAM	1	12	23.03	23.06	23.01	24	1					
5	16QAM	1	24	23.02	22.91	22.93							
5	16QAM	12	0	21.93	21.97	21.88							
5	16QAM	12	7	21.87	21.98	21.97							
5	16QAM	12	13	22.02	21.99	21.99	23	2					
5	16QAM	25	0	21.94	22.04	21.97							
5	64QAM	1	0	21.91	22.02	22.03							
5	64QAM	1	12	21.99	22.00	22.02							
5	64QAM	1	24	21.86	21.98	21.82	22	3					
5	64QAM	12	0	20.87	21.00	20.87							
5	64QAM	12	7	20.95	21.04	21.04							
5	64QAM	12	13	20.87	20.80	20.85							
5	64QAM	25	0	20.89	20.90	20.95	23	2					
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
3	QPSK	1	0	23.17	23.14	23.22	24	0					
3	QPSK	1	8	23.37	23.36	23.23							
3	QPSK	1	14	23.12	23.23	23.15							
3	QPSK	8	0	22.79	22.86	22.79							
3	QPSK	8	4	22.86	22.73	22.87	24	0					
3	QPSK	8	7	22.84	22.74	22.82							
3	QPSK	15	0	22.81	22.77	22.71							
3	16QAM	1	0	22.84	22.79	22.82							
3	16QAM	1	8	22.90	22.76	22.77	23	1					
3	16QAM	1	14	22.52	22.57	22.56							
3	16QAM	8	0	21.58	21.65	21.58							
3	16QAM	8	4	21.67	21.91	21.69							
3	16QAM	8	7	21.74	21.78	21.59	22	2					
3	16QAM	15	0	21.68	21.57	21.68							
3	64QAM	1	0	21.65	21.73	21.78							
3	64QAM	1	8	21.73	21.84	21.71							
3	64QAM	1	14	21.58	21.60	21.61	22	2					
3	64QAM	8	0	20.57	20.49	20.54							
3	64QAM	8	4	20.67	20.64	20.74							
3	64QAM	8	7	20.62	20.76	20.59							
3	64QAM	15	0	20.56	20.50	20.60	21	3					
Channel <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
Frequency (MHz) <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td> <td data-kind="ghost"></td>													
1.4	QPSK	1	0	23.15	23.07	23.08	24	0					
1.4	QPSK	1	3	23.09	23.20	23.16							

Band 4_Ant 0(DS10)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.08	24.28	24.10	25.5	0				
20	QPSK	1	49	24.18	24.30	24.28						
20	QPSK	1	99	24.22	24.25	24.15						
20	QPSK	50	0	23.26	23.32	23.33						
20	QPSK	50	24	23.27	23.36	23.35	24.5	1				
20	QPSK	50	50	23.14	23.33	23.28						
20	QPSK	100	0	23.05	23.25	23.21						
20	16QAM	1	0	23.31	23.37	23.21						
20	16QAM	1	49	23.30	23.42	23.26	24.5	1				
20	16QAM	1	99	23.30	23.32	23.20						
20	16QAM	50	0	22.31	22.36	22.22						
20	16QAM	50	24	22.14	22.32	22.25						
20	16QAM	50	50	22.27	22.34	22.32	23.5	2				
20	16QAM	100	0	22.19	22.37	22.33						
20	64QAM	1	0	22.16	22.34	22.26						
20	64QAM	1	49	22.24	22.28	22.16						
20	64QAM	1	99	22.19	22.26	22.19	22.5	3				
20	64QAM	50	0	21.31	21.35	21.18						
20	64QAM	50	24	21.27	21.32	21.13						
20	64QAM	50	50	21.25	21.29	21.24						
20	64QAM	100	0	21.14	21.27	21.21	21.5					
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.10	24.23	24.08	25.5	0				
15	QPSK	1	24	24.18	24.28	24.27						
15	QPSK	1	74	24.17	24.22	24.24						
15	QPSK	36	0	23.32	23.42	23.27						
15	QPSK	36	20	23.24	23.16	23.19	24.5	1				
15	QPSK	36	39	23.21	23.15	23.31						
15	QPSK	75	0	23.19	23.18	23.17						
15	16QAM	1	0	23.30	23.35	23.18						
15	16QAM	1	37	23.41	23.27	23.24	24.5	1				
15	16QAM	1	74	23.16	23.30	23.14						
15	16QAM	1	0	22.16	22.34	22.26						
15	16QAM	36	20	22.22	22.22	22.17						
15	16QAM	36	39	22.24	22.24	22.23	23.5	2				
15	16QAM	75	0	22.22	22.29	22.24						
15	64QAM	1	0	22.20	22.32	22.30						
15	64QAM	1	37	22.09	22.10	22.10						
15	64QAM	1	74	22.15	22.07	22.22	22.5	3				
15	64QAM	36	0	21.30	21.32	21.33						
15	64QAM	36	20	21.26	21.12	21.22						
15	64QAM	36	39	21.26	21.29	21.29						
15	64QAM	75	0	21.20	21.10	21.08	21.5					
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.19	24.15	24.26	25.5	0				
10	QPSK	1	25	24.34	24.23	24.31						
10	QPSK	1	49	24.32	24.28	24.27						
10	QPSK	25	0	23.26	23.42	23.37						
10	QPSK	25	12	23.23	23.16	23.27	24.5	1				
10	QPSK	25	25	23.28	23.13	23.16						
10	QPSK	50	0	23.19	23.18	23.17						
10	16QAM	1	0	23.20	23.23	23.20						
10	16QAM	1	25	23.39	23.35	23.33	24.5	1				
10	16QAM	1	49	23.18	23.28	23.30						
10	16QAM	25	0	22.32	22.31	22.31						
10	16QAM	25	12	22.29	22.28	22.28						
10	16QAM	25	25	22.20	22.33	22.28	23.5	2				
10	16QAM	50	0	22.26	22.17	22.30						
10	64QAM	1	0	22.29	22.22	22.24						
10	64QAM	1	25	22.21	22.16	22.25						
10	64QAM	1	49	22.14	22.18	22.19	22.5	3				
10	64QAM	25	0	21.28	21.19	21.21						
10	64QAM	25	12	21.24	21.13	21.16						
10	64QAM	25	25	21.26	21.12	21.27						
10	64QAM	50	0	21.13	21.16	21.09	21.5					
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.27	24.19	24.11	25.5	0				
5	QPSK	1	12	24.22	24.32	24.31						
5	QPSK	1	24	24.12	24.09	24.14						
5	QPSK	12	0	23.42	23.36	23.24						
5	QPSK	12	7	23.28	23.27	23.25	24.5	1				
5	QPSK	12	13	23.15	23.18	23.20						
5	QPSK	25	0	23.11	23.12	23.23						
5	16QAM	1	0	23.31	23.32	23.18						
5	16QAM	1	12	23.27	23.28	23.40	24.5	1				
5	16QAM	1	24	23.27	23.24	23.28						
5	16QAM	12	0	22.33	22.29	22.23						
5	16QAM	12	7	22.27	22.27	22.28						
5	16QAM	12	13	22.33	22.18	22.28	23.5	2				
5	16QAM	25	0	22.19	22.17	22.31						
5	64QAM	1	0	22.29	22.28	22.22						
5	64QAM	1	12	22.14	22.27	22.11						
5	64QAM	1	24	22.23	22.14	22.14	22.5	3				
5	64QAM	12	0	21.15	21.31	21.33						
5	64QAM	12	7	21.15	21.13	21.15						
5	64QAM	12	13	21.15	21.20	21.19						
5	64QAM	25	0	21.11	21.16	21.21	21.5					
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.25	24.10	24.10	25.5	0				
3	QPSK	1	8	24.33	24.30	24.35						
3	QPSK	1	14	24.07	24.06	24.10						
3	QPSK	8	0	23.24	23.32	23.32						
3	QPSK	8	4	23.27	23.19	23.22	24.5	1				
3	QPSK	8	7	23.15	23.16	23.27						
3	QPSK	15	0	23.07	23.17	23.05						
3	16QAM	1	0	23.26	23.33	23.24						
3	16QAM	1	8	23.32	23.32	23.24	24.5	1				
3	16QAM	1	14	23.17	23.27	23.24						
3	16QAM	8	0	22.35	22.24	22.16						
3	16QAM	8	4	22.26	22.26	22.26						
3	16QAM	8	7	22.20	22.30	22.21	23.5	2				
3	16QAM	15	0	22.36	22.19	22.18						
3	64QAM	1	0	22.33	22.25	22.24						
3	64QAM	1	8	22.22	22.16	22.17						
3	64QAM	1	14	22.14	22.07	22.08	22.5	3				
3	64QAM	8	0	21.21	21.20	21.18						
3	64QAM	8	4	21.18	21.21	21.22						
3	64QAM	8	7	21.21	21.16	21.12						
3	64QAM	15	0	21.26	21.11	21.10	21.5					
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.25	24.10	24.24	25.5	0				
1.4	QPSK	1	3	24.24	24.25	24.26						
1.4	QPSK	1	5	24.16	24.09	24.19						
1.4	QPSK	3	0	24.37	24.38	24.42						
1.4	QPSK	3	1	24.27	24.25	24.20	24.5	1				
1.4	QPSK	3	3	24.26	24.20	24.14						
1.4	QPSK	6	0	23.05	23.15	23.05						
1.4	16QAM	1	0	23.24	23.24	23.26						
1.4	16QAM	1	3	23.25	23.32	23.39	24.5	1				
1.4	16QAM	1	5	23.12	23.14	23.29						
1.4	16QAM	3	0	23.29	23.29	23.20						
1.4	16QAM	3	1	23.18	23.23	23.25						
1.4	16QAM	3	3	23.16	23.15	23.22						

Band 7_Ant 5(DS13)										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 20650	Power Middle Ch. Freq. 21100	Power High Ch. Freq. 21350	Time-up limit (dBm)	MPR (dB)		
Channel				2560	2535	2560				
Frequency (MHz)				2560	2535	2560				
20	QPSK	1	0	23.99	24.02	24.05	25	0		
20	QPSK	1	49	23.93	24.12	24.31				
20	QPSK	1	99	23.88	23.82	24.01				
20	QPSK	50	0	22.91	22.94	23.08				
20	QPSK	50	24	23.00	22.95	23.10	24	1		
20	QPSK	50	50	22.95	22.83	23.05				
20	QPSK	100	0	22.85	22.84	23.03				
20	16QAM	1	0	23.06	23.11	23.07				
20	16QAM	1	49	23.11	23.17	23.02	24	1		
20	16QAM	1	99	23.04	23.10	23.00				
20	16QAM	50	0	21.86	22.03	21.94				
20	16QAM	50	24	21.93	22.05	22.01				
20	16QAM	50	50	21.98	22.07	21.90	23	2		
20	16QAM	100	0	21.95	22.06	21.87				
20	64QAM	1	0	21.84	22.04	21.88				
20	64QAM	1	49	22.04	22.16	22.03				
20	64QAM	1	99	21.85	22.01	21.83	22	3		
20	64QAM	50	0	20.88	21.04	20.93				
20	64QAM	50	24	20.88	21.05	20.89				
20	64QAM	50	50	20.90	20.98	20.91				
20	64QAM	100	0	20.89	20.97	20.85				
Channel				20655	21100	21375	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.90	23.93	23.96	25	0		
15	QPSK	1	37	23.13	24.01	24.05				
15	QPSK	1	49	23.87	23.83	24.00				
15	QPSK	36	0	23.05	22.89	23.03				
15	QPSK	36	20	22.94	22.94	22.97	24	1		
15	QPSK	36	39	23.02	22.88	22.88				
15	QPSK	15	0	22.96	22.85	23.02				
15	16QAM	1	0	23.07	22.96	23.04				
15	16QAM	1	37	23.08	23.11	22.97	24	1		
15	16QAM	1	74	22.92	22.91	22.97				
15	16QAM	36	0	21.97	21.92	21.94				
15	16QAM	36	20	21.87	21.87	21.96				
15	16QAM	36	39	22.01	22.00	22.02	23	2		
15	16QAM	75	0	21.95	21.97	22.05				
15	64QAM	1	0	22.00	22.03	22.01				
15	64QAM	1	37	22.12	22.17	21.98				
15	64QAM	1	74	21.87	21.93	21.88	23	2		
15	64QAM	36	0	21.03	20.86	20.95				
15	64QAM	36	20	20.98	21.01	20.86				
15	64QAM	36	39	20.95	20.98	20.91				
15	64QAM	15	0	20.91	20.80	20.85	22	3		
15	64QAM	15	0	20.91	20.80	20.85				
15	64QAM	15	0	20.91	20.80	20.85				
15	64QAM	15	0	20.91	20.80	20.85				
Channel				20800	21100	21400	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.95	23.99	24.04	25	0		
10	QPSK	1	25	24.03	23.99	24.07				
10	QPSK	1	49	23.93	23.99	24.09				
10	QPSK	25	0	22.99	22.98	23.01				
10	QPSK	25	12	22.98	22.96	22.90	24	1		
10	QPSK	25	25	22.87	23.01	22.87				
10	QPSK	50	0	22.91	22.95	22.89				
10	16QAM	1	0	23.00	22.91	23.03				
10	16QAM	1	25	22.99	23.03	22.96	24	1		
10	16QAM	1	49	22.92	22.98	23.07				
10	16QAM	25	0	21.90	21.83	22.02				
10	16QAM	25	12	22.03	21.88	21.89				
10	16QAM	25	25	22.01	22.02	21.95	23	2		
10	16QAM	50	0	21.87	21.96	21.88				
10	64QAM	1	0	21.93	21.85	21.89				
10	64QAM	1	25	22.02	22.13	21.87				
10	64QAM	1	49	21.96	22.00	21.98	22	3		
10	64QAM	25	0	20.88	20.99	20.97				
10	64QAM	25	12	20.92	20.87	20.85				
10	64QAM	25	25	20.91	20.83	20.84				
10	64QAM	50	0	20.82	20.93	20.92	21	3		
10	64QAM	50	0	20.82	20.93	20.92				
10	64QAM	50	0	20.82	20.93	20.92				
10	64QAM	50	0	20.82	20.93	20.92				
Channel				20775	21100	21425	Time-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.91	24.04	24.01	25	0		
5	QPSK	1	12	23.94	23.97	24.08				
5	QPSK	1	24	23.86	23.81	23.92				
5	QPSK	12	0	23.07	22.90	23.04				
5	QPSK	12	7	22.95	22.98	22.93	24	1		
5	QPSK	12	13	23.04	22.92	22.98				
5	QPSK	25	0	22.90	22.92	22.98				
5	16QAM	1	0	23.10	22.91	23.01				
5	16QAM	1	12	23.03	23.06	23.01	24	1		
5	16QAM	1	24	23.02	22.91	22.93				
5	16QAM	12	0	21.93	21.97	21.86				
5	16QAM	12	7	21.87	21.96	21.87				
5	16QAM	12	13	22.02	21.99	21.99	23	2		
5	16QAM	25	0	21.94	22.04	21.97				
5	64QAM	1	0	21.91	22.02	22.03				
5	64QAM	1	12	21.96	22.00	22.02				
5	64QAM	1	24	21.86	21.98	21.82	23	2		
5	64QAM	12	0	20.87	21.00	20.87				
5	64QAM	12	7	20.95	21.04	21.04				
5	64QAM	12	13	20.87	20.80	20.85				
5	64QAM	25	0	20.88	20.90	20.85	22	3		
5	64QAM	25	0	20.88	20.90	20.85				
5	64QAM	25	0	20.88	20.90	20.85				
5	64QAM	25	0	20.88	20.90	20.85				

Band 66_Ant 0(DS13)										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 130072	Power Middle Ch. Freq. 130322	Power High Ch. Freq. 130572	Time-up limit (dBm)	MPR (dB)		
Channel				17007	17032	17057				
Frequency (MHz)				17007	17032	17057				
20	QPSK	1	0	23.24	23.28	23.20	24	0		
20	QPSK	1	49	23.23	23.41	23.47				
20	QPSK	1	99	23.22	23.22	23.17				
20	QPSK	50	0	22.80	22.81	22.81				
20	QPSK	50	24	22.81	22.92	22.83	24	0		
20	QPSK	50	50	22.70	22.72	22.72				
20	QPSK	100	0	22.73	22.84	22.82				
20	16QAM	1	0	22.65	22.83	22.69				
20	16QAM	1	49	22.80	22.90	22.79	23	1		
20	16QAM	1	99	22.52	22.68	22.51				
20	16QAM	50	0	21.58	21.73	21.60				

Band 4_Ant 0(DSI4)												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	24.08	24.28	24.10	25.5	0				
20	QPSK	1	49	24.18	24.38	24.28						
20	QPSK	1	99	24.22	24.25	24.15						
20	QPSK	50	0	23.26	23.32	23.33						
20	QPSK	50	24	23.27	23.36	23.35	24.5	1				
20	QPSK	50	50	23.14	23.33	23.28						
20	QPSK	100	0	23.05	23.25	23.21						
20	16QAM	1	0	23.31	23.37	23.21						
20	16QAM	1	49	23.30	23.42	23.26	24.5	1				
20	16QAM	1	99	23.30	23.32	23.20						
20	16QAM	50	0	22.31	22.36	22.22						
20	16QAM	50	24	22.14	22.32	22.26						
20	16QAM	50	50	22.27	22.34	22.32	23.5	2				
20	16QAM	100	0	22.19	22.37	22.33						
20	64QAM	1	0	22.16	22.34	22.26						
20	64QAM	1	49	22.24	22.28	22.16						
20	64QAM	1	99	22.19	22.26	22.19	22.5	3				
20	64QAM	50	0	21.31	21.36	21.19						
20	64QAM	50	24	21.27	21.32	21.13						
20	64QAM	50	50	21.25	21.29	21.24						
20	64QAM	100	0	21.14	21.27	21.21	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	0	24.10	24.23	24.08	25.5	0				
15	QPSK	1	24	24.18	24.28	24.27						
15	QPSK	1	74	24.17	24.22	24.24						
15	QPSK	36	0	23.32	23.42	23.27						
15	QPSK	36	20	23.24	23.16	23.19	24.5	1				
15	QPSK	36	39	23.21	23.15	23.31						
15	QPSK	75	0	23.19	23.18	23.17						
15	16QAM	1	0	23.30	23.35	23.18						
15	16QAM	1	37	23.41	23.27	23.24	24.5	1				
15	16QAM	1	74	23.16	23.30	23.14						
15	16QAM	1	0	22.16	22.34	22.26						
15	16QAM	36	20	22.22	22.22	22.17						
15	16QAM	36	39	22.24	22.24	22.23	23.5	2				
15	16QAM	75	0	22.22	22.29	22.24						
15	64QAM	1	0	22.20	22.32	22.30						
15	64QAM	1	37	22.09	22.10	22.12						
15	64QAM	1	74	22.15	22.07	22.22	22.5	3				
15	64QAM	36	0	21.30	21.32	21.33						
15	64QAM	36	20	21.26	21.12	21.22						
15	64QAM	36	39	21.25	21.29	21.25						
15	64QAM	75	0	21.20	21.10	21.08	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
10	QPSK	1	0	24.19	24.15	24.26	25.5	0				
10	QPSK	1	25	24.34	24.23	24.31						
10	QPSK	1	49	24.12	24.08	24.27						
10	QPSK	25	0	23.26	23.42	23.37						
10	QPSK	25	12	23.23	23.16	23.27	24.5	1				
10	QPSK	25	25	23.28	23.13	23.16						
10	QPSK	50	0	23.19	23.18	23.17						
10	16QAM	1	0	23.20	23.23	23.20						
10	16QAM	1	25	23.39	23.35	23.33	24.5	1				
10	16QAM	1	49	23.18	23.28	23.30						
10	16QAM	25	0	22.32	22.31	22.31						
10	16QAM	25	12	22.29	22.38	22.15						
10	16QAM	25	25	22.20	22.33	22.28	23.5	2				
10	16QAM	50	0	22.26	22.17	22.30						
10	64QAM	1	0	22.29	22.22	22.24						
10	64QAM	1	25	22.21	22.16	22.25						
10	64QAM	1	49	22.14	22.18	22.19	22.5	3				
10	64QAM	25	0	21.28	21.19	21.21						
10	64QAM	25	12	21.24	21.13	21.15						
10	64QAM	25	25	21.26	21.12	21.27						
10	64QAM	50	0	21.13	21.16	21.09	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
5	QPSK	1	0	24.27	24.19	24.11	25.5	0				
5	QPSK	1	12	24.22	24.32	24.31						
5	QPSK	1	24	24.12	24.09	24.14						
5	QPSK	12	0	23.42	23.36	23.24						
5	QPSK	12	7	23.28	23.27	23.25	24.5	1				
5	QPSK	12	13	23.15	23.18	23.20						
5	QPSK	25	0	23.11	23.12	23.23						
5	16QAM	1	0	23.31	23.32	23.18						
5	16QAM	1	12	23.27	23.28	23.40	24.5	1				
5	16QAM	1	24	23.27	23.24	23.28						
5	16QAM	12	0	22.33	22.29	22.23						
5	16QAM	12	7	22.27	22.34	22.28						
5	16QAM	12	13	22.33	22.18	22.28	23.5	2				
5	16QAM	25	0	22.19	22.17	22.31						
5	64QAM	1	0	22.29	22.28	22.22						
5	64QAM	1	12	22.14	22.27	22.11						
5	64QAM	1	24	22.23	22.14	22.14	22.5	3				
5	64QAM	12	0	21.15	21.31	21.33						
5	64QAM	12	7	21.15	21.13	21.15						
5	64QAM	12	13	21.15	21.20	21.19						
5	64QAM	25	0	21.11	21.16	21.10	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
3	QPSK	1	0	24.25	24.10	24.10	25.5	0				
3	QPSK	1	8	24.23	24.30	24.35						
3	QPSK	1	14	24.07	24.06	24.14						
3	QPSK	8	0	23.24	23.32	23.32						
3	QPSK	8	4	23.27	23.19	23.22	24.5	1				
3	QPSK	8	7	23.15	23.16	23.27						
3	QPSK	15	0	23.07	23.17	23.05						
3	16QAM	1	0	23.26	23.33	23.24						
3	16QAM	1	8	23.32	23.32	23.24	24.5	1				
3	16QAM	1	14	23.17	23.27	23.24						
3	16QAM	8	0	22.35	22.24	22.16						
3	16QAM	8	4	22.26	22.26	22.26						
3	16QAM	8	7	22.20	22.30	22.21	23.5	2				
3	16QAM	15	0	22.36	22.19	22.18						
3	64QAM	1	0	22.33	22.25	22.24						
3	64QAM	1	8	22.22	22.16	22.17						
3	64QAM	1	14	22.14	22.07	22.08	22.5	3				
3	64QAM	8	0	21.21	21.20	21.18						
3	64QAM	8	4	21.18	21.21	21.22						
3	64QAM	8	7	21.21	21.16	21.12						
3	64QAM	15	0	21.26	21.11	21.10	Turn-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	24.25	24.10	24.24	25.5	0				
1.4	QPSK	1	3	24.24	24.25	24.26						
1.4	QPSK	1	5	24.16	24.09	24.19						
1.4	QPSK	3	0	24.37	24.38	24.42						
1.4	QPSK	3	1	24.27	24.25	24.20	24.5	1				
1.4	QPSK	3	3	24.26	24.20	24.14						
1.4	QPSK	6	0	23.05	23.15	23.05						
1.4	16QAM	1	0	23.26	23.33	23.24						
1.4	16QAM	1	3	23.25	23.32	23.30	24.5	1				
1.4	16QAM	1	5	23.12	23.14	23.29						
1.4	16QAM	3	0	23.29	23.29	23.20						
1.4	16QAM	3	1	23.18	23.23	23.25						
1.4												

UL Intra-CA Power

CA_7C - ANT0 Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full Power	21.31	23.00
21100	20902	QPSK	1	49	0	0	1	0	Full Power	21.08	23.00
21350	21152	QPSK	1	49	0	0	1	0	Full Power	21.34	23.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 0	21.31	23.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 0	21.08	23.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 0	21.34	23.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 1	20.36	22.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 1	20.13	22.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 1	20.39	22.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	21.31	23.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 3	21.08	23.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	21.34	23.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	17.86	19.50
21100	20902	QPSK	1	49	0	0	1	0	DSI 4	17.63	19.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	17.89	19.50

CA_7C - ANT1 Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full Power	23.72	25.00
21100	20902	QPSK	1	49	0	0	1	0	Full Power	23.74	25.00
21350	21152	QPSK	1	49	0	0	1	0	Full Power	23.75	25.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 0	23.72	25.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 0	23.74	25.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 0	23.75	25.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 1	19.25	21.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 1	19.35	21.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 1	19.45	21.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	23.72	25.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 3	23.74	25.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	23.75	25.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 4	19.25	21.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 4	19.35	21.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 4	19.45	21.00

CA 7C - ANT3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full Power	23.47	24.50
21100	20902	QPSK	1	49	0	0	1	0	Full Power	23.38	24.50
21350	21152	QPSK	1	49	0	0	1	0	Full Power	23.46	24.50
20850	21048	QPSK	50	24	0	0	1	0	DSI 0	13.38	14.50
21100	20902	QPSK	50	24	0	0	1	0	DSI 0	13.19	14.50
21350	21152	QPSK	50	24	0	0	1	0	DSI 0	13.13	14.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 1	18.75	20.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 1	18.70	20.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 1	18.89	20.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	23.47	24.50
21100	20902	QPSK	1	49	0	0	1	0	DSI 3	23.38	24.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	23.46	24.50
20850	21048	QPSK	50	24	0	0	1	0	DSI 4	13.38	14.50
21100	20902	QPSK	50	24	0	0	1	0	DSI 4	13.19	14.50
21350	21152	QPSK	50	24	0	0	1	0	DSI 4	13.13	14.50

CA 7C - ANT5 Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full Power	21.46	22.50
21100	20902	QPSK	1	49	0	0	1	0	Full Power	21.70	22.50
21350	21152	QPSK	1	49	0	0	1	0	Full Power	21.74	22.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 0	12.27	13.50
21100	20902	QPSK	1	49	0	0	1	0	DSI 0	12.37	13.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 0	12.55	13.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 1	19.78	21.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 1	19.77	21.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 1	19.97	21.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 3	21.46	22.50
21100	20902	QPSK	1	49	0	0	1	0	DSI 3	21.70	22.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 3	21.74	22.50
20850	21048	QPSK	1	49	0	0	1	0	DSI 4	12.27	13.50
21100	20902	QPSK	1	49	0	0	1	0	DSI 4	12.37	13.50
21350	21152	QPSK	1	49	0	0	1	0	DSI 4	12.55	13.50

CA_38C - ANT0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Full Power	21.73	23.50
37901	38099	QPSK	1	49	0	0	1	0	Full Power	21.75	23.50
38150	37952	QPSK	1	49	0	0	1	0	Full Power	21.47	23.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	21.73	23.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	21.75	23.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	21.47	23.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	21.73	23.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	21.75	23.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	21.47	23.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	21.73	23.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	21.75	23.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	21.47	23.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 4	21.73	23.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 4	21.75	23.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 4	21.47	23.50

CA_38C - ANT1 Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Full Power	24.26	25.50
37901	38099	QPSK	1	49	0	0	1	0	Full Power	24.32	25.50
38150	37952	QPSK	1	49	0	0	1	0	Full Power	24.31	25.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 0	24.26	25.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 0	24.32	25.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 0	24.31	25.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 1	21.85	23.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 1	21.90	23.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 1	21.87	23.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 3	24.26	25.50
37901	38099	QPSK	1	49	0	0	1	0	DSI 3	24.32	25.50
38150	37952	QPSK	1	49	0	0	1	0	DSI 3	24.31	25.50
37850	38048	QPSK	50	24	0	0	1	0	DSI 4	21.85	23.00
37901	38099	QPSK	50	24	0	0	1	0	DSI 4	21.90	23.00
38150	37952	QPSK	50	24	0	0	1	0	DSI 4	21.87	23.00

CA_38C - ANT3											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Full Power	23.61	25.00
37901	38099	QPSK	1	49	0	0	1	0	Full Power	23.62	25.00
38150	37952	QPSK	1	49	0	0	1	0	Full Power	23.43	25.00
37850	38048	QPSK	50	24	0	0	1	0	DS1 0	13.05	14.50
37901	38099	QPSK	50	24	0	0	1	0	DS1 0	13.08	14.50
38150	37952	QPSK	50	24	0	0	1	0	DS1 0	12.87	14.50
37850	38048	QPSK	1	49	0	0	1	0	DS1 1	21.15	23.00
37901	38099	QPSK	1	49	0	0	1	0	DS1 1	21.33	23.00
38150	37952	QPSK	1	49	0	0	1	0	DS1 1	21.35	23.00
37850	38048	QPSK	1	49	0	0	1	0	DS1 3	23.61	25.00
37901	38099	QPSK	1	49	0	0	1	0	DS1 3	23.62	25.00
38150	37952	QPSK	1	49	0	0	1	0	DS1 3	23.43	25.00
37850	38048	QPSK	50	24	0	0	1	0	DS1 4	13.05	14.50
37901	38099	QPSK	50	24	0	0	1	0	DS1 4	13.08	14.50
38150	37952	QPSK	50	24	0	0	1	0	DS1 4	12.87	14.50



UL CA

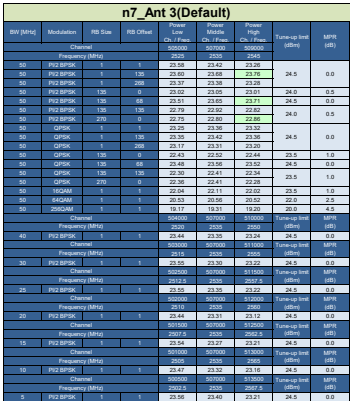
Full Power																	
2CC																	
Configure		CA Configuration (BCS)	PCC						SCC				Power				
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)		
Inter-Band		CA_7A-32A	Band 7	20M	2560	21350	QPSK	1	49	Band 32	20M	1474	10140	24.22	24.24		
		CA_7A-42A	Band 7	20M	2560	21350	QPSK	1	49	Band 41	20M	3575	43340	24.14	24.24		
		CA_2A-66A	Band 2	20M	1900	19100	QPSK	1	49	Band 66	20M	2155	66886	23.98	23.99		
Intra-Band	Non-Contiguous	CA_41A-41A	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.8	40818	25.03	25.24		
	Contiguous	CA_2C	Band 2	20M	1900	19100	QPSK	1	49	Band 2	20M	1960.20	902	23.97	23.99		
		CA_38C	Band 38	20M	2610	38150	QPSK	1	0	Band 38	20M	2590.20	37952	24.61	24.77		
		CA_41C	Band 41	20M	2593	40620	QPSK	1	49	Band 41	20M	2612.80	40818	24.97	25.24		

3CC																			
Configure	CA Configuration (BCS)	PCC								SCC1				SCC2				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)	
		CA_2A-4A-5A	Band 2	20M	1900	19100	QPSK	1	49	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	23.72	23.99
		CA_2A-4A-7A	Band 2	20M	1900	19100	QPSK	1	49	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	23.64	23.99
		CA_2A-7A-7A	Band 2	20M	1900	19100	QPSK	1	49	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.70	23.99
		CA_5A-7A-7A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.67	24.87
		CA_12A-66A-66A	Band 12	10M	704	23060	QPSK	1	25	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.24	24.71

4CC																						
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power	
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)
Inter-Band	CA_2A-4A-7C	Band 2	20M	1900	19100	QPSK	1	49	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.78	23.99
	CA_5A-7C-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	24.72	24.87
	CA_5A-7A-66A-66A	Band 5	10M	836.5	20525	QPSK	1	25	Band 7	20M	2655	3100	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.69	24.87
	CA_7C-66A-66A	Band 7	20M	2560	21350	QPSK	1	49	Band 7	20M	2660.2	3152	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	22.31	24.24



n5_Ant 0(Default)									
RF (MHz)	Modulation	RF Size	RF Offset	Power Level Ch./Power	Power Margin Ch./Power	Power Type Ch./Power	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.41	24.44	24.43			
30	P12 BPSK	1	33	24.59	24.62	24.61	25.5	0.0	
40	P12 BPSK	1	104	24.62	24.65	24.64			
50	P12 BPSK	50	0	24.57	24.52	24.51	25.0	0.5	
60	P12 BPSK	50	26	24.59	24.56	24.58	25.0	0.0	
70	P12 BPSK	50	56	24.63	24.58	24.55	24.0	0.5	
80	P12 BPSK	100	0	24.57	24.60	24.59			
90	QPSK	1	1	24.55	24.58	24.57			
100	QPSK	1	33	24.59	24.53	24.52	25.5	0.0	
110	QPSK	104	104	24.53	24.56	24.55			
120	QPSK	50	0	24.52	24.55	24.54	24.5	1.0	
130	QPSK	50	26	24.63	24.48	24.45	24.5	0.0	
140	QPSK	50	56	24.63	24.46	24.45	24.5	1.0	
150	QPSK	100	0	24.61	24.56	24.54			
160	QPSK	100	26	24.61	24.56	24.54	24.0	1.0	
170	QPSK	100	56	24.61	24.56	24.54	24.0	1.0	
180	QPSK	100	0	24.57	24.55	24.54			
190	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
200	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
210	QPSK	100	0	24.57	24.55	24.54			
220	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
230	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
240	QPSK	100	0	24.57	24.55	24.54			
250	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
260	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
270	QPSK	100	0	24.57	24.55	24.54			
280	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
290	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
300	QPSK	100	0	24.57	24.55	24.54			
310	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
320	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
330	QPSK	100	0	24.57	24.55	24.54			
340	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
350	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
360	QPSK	100	0	24.57	24.55	24.54			
370	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
380	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
390	QPSK	100	0	24.57	24.55	24.54			
400	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
410	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
420	QPSK	100	0	24.57	24.55	24.54			
430	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
440	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
450	QPSK	100	0	24.57	24.55	24.54			
460	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
470	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
480	QPSK	100	0	24.57	24.55	24.54			
490	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
500	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
510	QPSK	100	0	24.57	24.55	24.54			
520	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
530	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
540	QPSK	100	0	24.57	24.55	24.54			
550	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
560	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
570	QPSK	100	0	24.57	24.55	24.54			
580	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
590	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
600	QPSK	100	0	24.57	24.55	24.54			
610	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
620	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
630	QPSK	100	0	24.57	24.55	24.54			
640	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
650	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
660	QPSK	100	0	24.57	24.55	24.54			
670	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
680	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
690	QPSK	100	0	24.57	24.55	24.54			
700	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
710	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
720	QPSK	100	0	24.57	24.55	24.54			
730	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
740	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
750	QPSK	100	0	24.57	24.55	24.54			
760	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
770	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
780	QPSK	100	0	24.57	24.55	24.54			
790	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
800	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
810	QPSK	100	0	24.57	24.55	24.54			
820	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
830	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
840	QPSK	100	0	24.57	24.55	24.54			
850	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
860	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
870	QPSK	100	0	24.57	24.55	24.54			
880	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
890	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
900	QPSK	100	0	24.57	24.55	24.54			
910	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
920	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
930	QPSK	100	0	24.57	24.55	24.54			
940	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
950	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
960	QPSK	100	0	24.57	24.55	24.54			
970	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
980	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
990	QPSK	100	0	24.57	24.55	24.54			
1000	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1010	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1020	QPSK	100	0	24.57	24.55	24.54			
1030	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1040	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1050	QPSK	100	0	24.57	24.55	24.54			
1060	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1070	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1080	QPSK	100	0	24.57	24.55	24.54			
1090	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1100	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1110	QPSK	100	0	24.57	24.55	24.54			
1120	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1130	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1140	QPSK	100	0	24.57	24.55	24.54			
1150	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1160	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1170	QPSK	100	0	24.57	24.55	24.54			
1180	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1190	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1200	QPSK	100	0	24.57	24.55	24.54			
1210	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1220	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1230	QPSK	100	0	24.57	24.55	24.54			
1240	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1250	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1260	QPSK	100	0	24.57	24.55	24.54			
1270	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1280	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1290	QPSK	100	0	24.57	24.55	24.54			
1300	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1310	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1320	QPSK	100	0	24.57	24.55	24.54			
1330	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1340	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1350	QPSK	100	0	24.57	24.55	24.54			
1360	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1370	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1380	QPSK	100	0	24.57	24.55	24.54			
1390	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1400	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1410	QPSK	100	0	24.57	24.55	24.54			
1420	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	
1430	QPSK	100	56	24.57	24.55	24.54	24.0	1.0	
1440	QPSK	100	0	24.57	24.55	24.54			
1450	QPSK	100	26	24.57	24.55	24.54	24.0	1.0	



n7_Ant 5(Default)									
SP	Modulation	PR	SR	Power Class	Rate Kbps	Power Class	Rate Kbps	Power Class	MFR
50	Frequency	Channel							
50	[Pilot]BPSK	1	100	24.00	25.00	24.00	25.00		
50	[Pilot]BPSK	1	100	24.18	25.22	24.18	25.01	0.0	
50	[Pilot]BPSK	1	100	24.36	25.44	24.36	25.01	0.0	
50	[Pilot]BPSK	1	100	24.54	25.66	24.54	25.01	0.0	
50	[Pilot]BPSK	1	100	24.72	25.88	24.72	25.01	0.0	
50	[Pilot]BPSK	1	100	24.90	26.10	24.90	25.01	0.0	
50	[Pilot]BPSK	1	100	25.08	26.32	25.08	25.01	0.0	
50	[Pilot]BPSK	1	100	25.26	26.54	25.26	25.01	0.0	
50	[Pilot]BPSK	1	100	25.44	26.76	25.44	25.01	0.0	
50	[Pilot]BPSK	1	100	25.62	26.98	25.62	25.01	0.0	
50	[Pilot]BPSK	1	100	25.80	27.20	25.80	25.01	0.0	
50	[Pilot]BPSK	1	100	25.98	27.42	25.98	25.01	0.0	
50	[Pilot]BPSK	1	100	26.16	27.64	26.16	25.01	0.0	
50	[Pilot]BPSK	1	100	26.34	27.86	26.34	25.01	0.0	
50	[Pilot]BPSK	1	100	26.52	28.08	26.52	25.01	0.0	
50	[Pilot]BPSK	1	100	26.70	28.30	26.70	25.01	0.0	
50	[Pilot]BPSK	1	100	26.88	28.52	26.88	25.01	0.0	
50	[Pilot]BPSK	1	100	27.06	28.74	27.06	25.01	0.0	
50	[Pilot]BPSK	1	100	27.24	28.96	27.24	25.01	0.0	
50	[Pilot]BPSK	1	100	27.42	29.18	27.42	25.01	0.0	
50	[Pilot]BPSK	1	100	27.60	29.40	27.60	25.01	0.0	
50	[Pilot]BPSK	1	100	27.78	29.62	27.78	25.01	0.0	
50	[Pilot]BPSK	1	100	27.96	29.84	27.96	25.01	0.0	
50	[Pilot]BPSK	1	100	28.14	30.06	28.14	25.01	0.0	
50	[Pilot]BPSK	1	100	28.32	30.28	28.32	25.01	0.0	
50	[Pilot]BPSK	1	100	28.50	30.50	28.50	25.01	0.0	
50	[Pilot]BPSK	1	100	28.68	30.72	28.68	25.01	0.0	
50	[Pilot]BPSK	1	100	28.86	30.94	28.86	25.01	0.0	
50	[Pilot]BPSK	1	100	29.04	31.16	29.04	25.01	0.0	
50	[Pilot]BPSK	1	100	29.22	31.38	29.22	25.01	0.0	
50	[Pilot]BPSK	1	100	29.40	31.60	29.40	25.01	0.0	
50	[Pilot]BPSK	1	100	29.58	31.82	29.58	25.01	0.0	
50	[Pilot]BPSK	1	100	29.76	32.04	29.76	25.01	0.0	
50	[Pilot]BPSK	1	100	29.94	32.26	29.94	25.01	0.0	
50	[Pilot]BPSK	1	100	30.12	32.48	30.12	25.01	0.0	
50	[Pilot]BPSK	1	100	30.30	32.70	30.30	25.01	0.0	
50	[Pilot]BPSK	1	100	30.48	32.92	30.48	25.01	0.0	
50	[Pilot]BPSK	1	100	30.66	33.14	30.66	25.01	0.0	
50	[Pilot]BPSK	1	100	30.84	33.36				

n66_Ant (Default)									
Std. ID#	Measurement	Std. Size	Std. Error	Percent Conf. Int. - Lower	Percent Conf. Int. - Upper	Percent Conf. Int. - Lower	Percent Conf. Int. - Upper	Lower Bound	Upper Bound
10	Pre-Program	1	22.14	22.14	22.14	22.14	22.14	0.0	0.0
15	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
20	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
25	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
30	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
35	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
40	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
45	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
50	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
55	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
60	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
65	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
70	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
75	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
80	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
85	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
90	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
95	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
100	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
105	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
110	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
115	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
120	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
125	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
130	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
135	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
140	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
145	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
150	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
155	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
160	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
165	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
170	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
175	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
180	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
185	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
190	Pre-Program	1	106	22.14	22.14	22.14	22.14	24.1	24.1
195	Pre-Program	1	106	22.14	22.14	22.14</			

[illegible]



n5_Ant 0(DSIO)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F/Freq. 160000	Power Median Ch./F/Freq. 167500	Power High Ch./F/Freq. 175000	Turn-up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	24.41	24.44	24.43			
20	P12-BPSK	1	63	24.50	24.52	24.51	25.5	0.0	
20	P12-BPSK	1	104	24.42	24.45	24.44			
20	P12-BPSK	50	5	24.57	24.52	24.53	25.0	0.5	
20	P12-BPSK	50	26	24.58	24.59	24.58	25.5	0.0	
20	P12-BPSK	100	46	24.50	24.56	24.53	25.9	0.5	
20	P12-BPSK	100	9	24.57	24.50	24.59			
20	QPSK	1	1	24.55	24.58	24.57			
20	QPSK	1	63	24.56	24.53	24.52	25.5	0.0	
20	QPSK	1	104	24.53	24.56	24.55			
20	QPSK	50	1	24.50	24.56	24.54	26.0	1.0	
20	QPSK	50	26	24.43	24.48	24.45	26.5	0.0	
20	QPSK	50	5	24.47	24.50	24.49	24.5	1.0	
20	16QAM	1	1	25.07	25.10	25.09	24.0	1.0	
20	16QAM	1	1	25.06	25.12	25.09	24.5		
20	256QAM	1	1	25.15	25.21	25.21	25.0	2.0	
Channel									
15	P12-BPSK	1	1	24.41	24.52	24.39	25.0	0.0	
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	24.50	24.52	24.45	25.5	0.0	
Channel									
Frequency (MHz)									
5	P12-BPSK	1	1	24.41	24.51	24.53	25.5	0.0	

n5_Ant 2(DSIO)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F/Freq. 160000	Power Median Ch./F/Freq. 167500	Power High Ch./F/Freq. 175000	Turn-up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	19.44	19.51	19.46			
20	P12-BPSK	1	63	19.59	19.78	19.68	21.0	0.0	
20	P12-BPSK	1	104	19.55	19.55	19.47			
20	P12-BPSK	50	5	19.67	19.71	19.57	21.0	0.0	
20	P12-BPSK	50	26	19.62	19.77	19.65	21.0	0.0	
20	P12-BPSK	100	46	19.70	19.56	19.50			
20	P12-BPSK	100	9	19.74	19.78	19.67	21.0	0.0	
20	QPSK	1	1	19.52	19.58	19.54			
20	QPSK	1	63	19.63	19.65	19.65	21.0	0.0	
20	QPSK	1	104	19.49	19.48	19.58			
20	QPSK	50	1	19.50	19.62	19.46	21.0	0.0	
20	QPSK	50	26	19.53	19.62	19.50	21.0	0.0	
20	QPSK	50	56	19.62	19.48	19.58	21.0	0.0	
20	QPSK	100	5	19.64	19.64	19.46	21.0	0.0	
20	16QAM	1	1	19.59	19.31	19.10	20.0	1.0	
20	16QAM	1	1	19.59	19.34	19.20	20.5	1.0	
20	256QAM	1	1	19.28	19.37	19.20	20.5	1.0	
Channel									
15	P12-BPSK	1	1	19.50	19.42	19.34	21.0	0.0	
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	19.55	19.48	19.30	21.0	0.0	
Channel									
Frequency (MHz)									
5	P12-BPSK	1	1	19.52	19.48	19.30	21.0	0.0	

n7_Ant 0(DSIO)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F/Freq. 50000	Power Median Ch./F/Freq. 50000	Power High Ch./F/Freq. 50000	Turn-up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	23.37	23.42	23.38			
50	P12-BPSK	1	135	23.69	23.66	23.57	24.5	0.0	
50	P12-BPSK	1	268	23.69	23.58	23.57			
50	P12-BPSK	135	5	23.53	23.65	23.76	24.0	0.5	
50	P12-BPSK	135	46	23.72	23.70	23.76	24.5	0.0	
50	P12-BPSK	135	136	23.59	23.52	23.74			
50	P12-BPSK	270	5	23.14	23.68	23.23	24.0	0.5	
50	QPSK	1	1	23.12	23.22	23.15			
50	QPSK	1	135	23.44	23.42	23.41	24.5	0.0	
50	QPSK	1	268	23.40	23.55	23.41			
50	QPSK	135	5	23.57	23.51	23.40	23.0	1.0	
50	QPSK	135	46	23.63	23.73	23.67	23.5	0.0	
50	QPSK	135	135	22.65	22.72	22.65	23.5	1.0	
50	QPSK	270	5	22.52	23.58	22.54			
50	16QAM	1	1	21.95	22.02	22.01	23.5	1.0	
50	16QAM	1	1	21.93	22.44	21.93	23.5	1.0	
50	256QAM	1	1	19.20	19.22	19.15	23.0	4.5	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	23.30	23.30	23.20	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	23.58	23.34	23.34	24.5	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	23.23	23.34	23.33	24.5	0.0	
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	23.33	23.36	23.30	24.5	0.0	
Channel									
Frequency (MHz)									
5	P12-BPSK	1	1	23.32	23.36	23.20	24.5	0.0	

n7_Ant 1(DSIO)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F/Freq. 50000	Power Median Ch./F/Freq. 50000	Power High Ch./F/Freq. 50000	Turn-up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	23.36	23.40	23.40			
50	P12-BPSK	1	134	24.12	24.33	24.35	25.0	0.0	
50	P12-BPSK	1	268	23.98	24.11	24.14			
50	P12-BPSK	135	5	23.65	23.78	23.80	24.5	0.5	
50	P12-BPSK	135	46	24.06	24.13	24.19	25.0	0.0	
50	P12-BPSK	135	136	23.76	23.69	23.94			
50	P12-BPSK	270	5	23.69	23.75	23.60	24.5	0.5	
50	QPSK	1	1	23.63	24.05	24.10			
50	QPSK	1	134	24.12	24.33	24.29	25.0	0.0	
50	QPSK	1	268	23.98	24.09	24.11			
50	QPSK	135	5	23.56	23.78	23.79	25.0	1.0	
50	QPSK	135	46	24.22	24.31	24.33	25.0	0.0	
50	QPSK	135	135	22.98	23.08	23.14	24.0	1.0	
50	QPSK	270	5	22.76	22.88	22.80			
50	16QAM	1	1	22.97	22.95	22.99	25.0	1.0	
50	256QAM	1	1	19.55	19.65	19.75	25.5	4.5	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	25.90	25.95	25.90			
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	25.90	24.04	24.12	25.0	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	25.87	23.84	24.07	25.0	0.0	
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	25.70	24.61	24.73	25.0	0.0	
Channel									
Frequency (MHz)									
5	P12-BPSK	1	1	25.79	24.02	24.00	25.0	0.0	



n7 Ant 3(DSI0)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Mid Ch./F.Freq.	Power High Ch./F.Freq.	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	13.27	13.40	13.43			
40	PUSC BPSK	1	135	13.65	13.69	13.75	14.5	0.0	
40	PUSC BPSK	1	268	13.30	13.22	13.21			
40	PUSC BPSK	135	5	13.50	13.46	13.54	14.5	0.0	
40	PUSC BPSK	135	46	13.60	13.60	13.60			
40	PUSC BPSK	135	134	13.58	13.51	13.46			
40	PUSC BPSK	270	5	13.68	13.34	13.65	14.5	0.0	
40	QPSK	1	1	13.41	13.33	13.33			
40	QPSK	1	135	13.57	13.51	13.58	14.5	0.0	
40	QPSK	1	268	13.22	13.07	13.10			
40	QPSK	135	5	13.28	13.40	13.41	14.5	0.0	
40	QPSK	135	46	13.47	13.33	13.35			
40	QPSK	135	135	13.33	13.37	13.30	14.5	0.0	
40	QPSK	270	5	13.48	13.42	13.40			
40	16QAM	1	1	13.15	13.24	13.17	14.5	0.0	
40	16QAM	1	1	13.19	13.27	13.11			
40	16QAM	1	1	13.63	13.72	13.65	14.5	0.0	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	13.43	13.40	13.20	14.5	0.0	
Channel									
Frequency (MHz)									
30	PUSC BPSK	1	1	13.48	13.43	13.30	14.5	0.0	
Channel									
Frequency (MHz)									
20	PUSC BPSK	1	1	13.41	13.33	13.33	14.5	0.0	
Channel									
Frequency (MHz)									
20	PUSC BPSK	1	1	13.51	13.38	13.38	14.5	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	13.41	13.38	13.38	14.5	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	13.50	13.40	13.30	14.5	0.0	
Channel									
Frequency (MHz)									
5	PUSC BPSK	1	1	13.51	13.35	13.35	14.5	0.0	

n7_Ant 5(DSI0)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Mid Ch./F.Freq.	Power High Ch./F.Freq.	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	14.27	14.26	14.21			
40	PUSC BPSK	1	135	14.48	14.51	14.55	15.5	0.0	
40	PUSC BPSK	1	268	14.21	14.18	14.16			
40	PUSC BPSK	135	5	14.34	14.34	14.30	15.5	0.0	
40	PUSC BPSK	135	46	14.50	14.49	14.54	15.5	0.0	
40	PUSC BPSK	135	134	14.48	14.40	14.42			
40	PUSC BPSK	270	5	14.42	14.38	14.45	15.5	0.0	
40	QPSK	1	1	14.12	14.14	14.15			
40	QPSK	1	135	14.40	14.40	14.40	15.5	0.0	
40	QPSK	1	268	14.18	14.10	14.05			
40	QPSK	135	5	14.26	14.16	14.21	15.5	0.0	
40	QPSK	135	46	14.30	14.37	14.40	15.5	0.0	
40	QPSK	135	135	14.37	14.34	14.37	15.5	0.0	
40	QPSK	270	5	14.36	14.31	14.30			
40	16QAM	1	1	13.80	14.04	13.91	15.5	0.0	
40	16QAM	1	1	14.08	14.12	14.05			
40	16QAM	1	1	14.39	14.45	14.37	15.5	0.0	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	14.12	14.15	14.11	15.5	0.0	
Channel									
Frequency (MHz)									
30	PUSC BPSK	1	1	14.15	14.18	14.13	15.5	0.0	
Channel									
Frequency (MHz)									
20	PUSC BPSK	1	1	14.18	14.16	14.12	15.5	0.0	
Channel									
Frequency (MHz)									
20	PUSC BPSK	1	1	14.15	14.18	14.15	15.5	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	14.20	14.12	14.09	15.5	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	14.25	14.12	14.09	15.5	0.0	
Channel									
Frequency (MHz)									
5	PUSC BPSK	1	1	14.18	14.10	14.08	15.5	0.0	

n66_Ant 0(DSI0)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Mid Ch./F.Freq.	Power High Ch./F.Freq.	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	22.35	22.34	22.14			
40	PUSC BPSK	1	168	22.64	22.78	22.88	24.0	0.0	
40	PUSC BPSK	1	214	22.21	22.31	22.22			
40	PUSC BPSK	168	5	22.52	22.53	22.41	23.5	0.5	
40	PUSC BPSK	168	54	22.84	22.87	22.99	24.0	0.0	
40	PUSC BPSK	168	168	22.41	22.52	22.31			
40	PUSC BPSK	214	5	22.50	22.58	22.48	23.5	0.5	
40	QPSK	1	1	22.27	22.42	22.40			
40	QPSK	1	168	22.56	22.68	22.81	24.0	0.0	
40	QPSK	1	214	22.15	22.32	22.29			
40	QPSK	168	5	21.87	21.97	21.94	23.0	1.0	
40	QPSK	168	54	22.45	22.85	22.45	24.0	0.0	
40	QPSK	168	168	21.92	21.88	21.84	23.0	1.0	
40	QPSK	214	5	21.87	21.97	21.99			
40	16QAM	1	1	21.14	21.37	21.29	23.0	1.0	
40	16QAM	1	1	16.76	16.94	16.84	21.0	1.5	
Channel									
Frequency (MHz)									
30	PUSC BPSK	1	1	25.10	22.35	22.07	24.0	0.0	
Channel									
Frequency (MHz)									
20	PUSC BPSK	1	1	22.08	22.30	21.07	24.0	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	21.13	21.25	21.23	24.0	0.0	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	24.00	24.00	24.00	Time-up time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
10	PUSC BPSK	1	1	22.58	22.31	21.54	24.0	0.0	
Channel									
Frequency (MHz)									
5	PUSC BPSK	1	1	22.58	22.34	21.84	24.0	0.0	

n66_Ant 5(DSI0)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Mid Ch./F.Freq.	Power High Ch./F.Freq.	Time-up time (min)	MFR	
Channel									
Frequency (MHz)									
40	PUSC BPSK	1	1	18.84	18.87	18.87			
40	PUSC BPSK	1	168	18.41	18.47	18.40	17.0	0.0	
40	PUSC BPSK	1	214	18.50	18.57	18.58			
40	PUSC BPSK	168	5	18.28	18.34	18.42	17.0	0.0	
40	PUSC BPSK	168	54	18.38	18.46	18.45	17.0	0.0	
40	PUSC BPSK	168	168	18.35	18.29	18.46	17.0	0.0	
40	PUSC BPSK	214	5	18.38	18.50	18.38			
40	QPSK	1	1	18.75	18.81	18.80			
40	QPSK	1	168	18.29	18.42	18.28	17.0	0.0	
40	QPSK	1	214	18.80	18.71	18.82			
40	QPSK	168	5	18.30	18.26	18.26	17.0	0.0	
40	QPSK	168	54	18.21	18.30	18.32	17.0	0.0	
40	QPSK	168	168	18.30	18.25	18.35	17.0	0.0	
40	QPSK	214	5	18.23	18.25	18.23	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0	0.0	
40	QPSK	214	168	18.25	18.23	18.25	17.0		

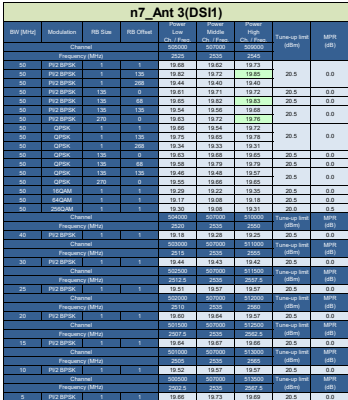


n5_Ant 0(DS11)									
SD (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. / Power	Power Max/Min Ch. / Power	Power Peak Ch. / Power	Time-up time (min)	MTR (dB)	
Channel									
30	PSSBPSK	30Hz	1	22.35	22.27	22.24			
30	PSSBPSK	1	33	22.43	22.34	22.31	23.5	0.0	
30	PSSBPSK	1	104	22.43	22.41	22.35			
30	PSSBPSK	30	0	22.28	22.11	22.12	23.5	0.0	
30	PSSBPSK	30	36	22.42	22.31	22.34	23.5	0.0	
30	PSSBPSK	30	54	22.57	22.19	22.22	23.5	0.0	
30	PSSBPSK	100	0	22.20	22.32	22.18			
30	QPSK	1	1	22.30	22.25	22.19			
30	QPSK	1	33	22.44	22.31	22.47	23.5	0.0	
30	QPSK	104	0	22.35	22.32	22.25			
30	QPSK	30	0	22.15	22.02	22.11	23.5	0.0	
30	QPSK	30	36	22.28	22.03	22.24	23.5	0.0	
30	QPSK	30	54	22.05	22.04	22.10	23.5	0.0	
30	QPSK	100	0	22.18	22.09	22.05			
30	HCQAM	1	1	21.77	21.85	21.82	23.5	0.0	
30	HCQAM	1	1	20.38	20.21	20.14	23.5	0.0	
Channel									
15	PSSBPSK	1	1	22.39	22.36	22.19	23.5	0.0	
Channel									
15	PSSBPSK	1	1	22.48	22.34	22.28	23.5	0.0	
Channel									
5	PSSBPSK	1	1	22.41	22.32	22.24	23.5	0.0	

n5_Ant 2(DS11)									
SD (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. / Power	Power Max/Min Ch. / Power	Power Peak Ch. / Power	Time-up time (min)	MTR (dB)	
Channel									
Frequency (MHz)									
30	PSSBPSK	30Hz	1	20.04	20.03	20.75			
30	PSSBPSK	1	33	20.01	20.07	20.20	22.0	0.0	
30	PSSBPSK	1	104	20.02	20.01	20.71			
30	PSSBPSK	30	0	20.77	20.08	20.72	22.0	0.0	
30	PSSBPSK	30	36	20.03	20.07	20.62	22.0	0.0	
30	PSSBPSK	30	54	20.02	20.08	20.75	22.0	0.0	
30	PSSBPSK	100	0	20.06	20.01	20.60	22.0	0.0	
30	QPSK	1	1	20.04	20.00	20.62			
30	QPSK	1	33	20.02	20.00	20.49	22.0	0.0	
30	QPSK	1	104	20.70	20.71	20.60			
30	QPSK	30	0	20.00	20.02	20.09	22.0	0.0	
30	QPSK	30	36	20.00	20.00	20.00	22.0	0.0	
30	QPSK	30	54	20.00	20.00	20.00	22.0	0.0	
30	QPSK	100	0	20.16	20.08	20.15			
30	HCQAM	1	1	20.11	20.00	20.14	22.0	0.0	
30	HCQAM	1	1	20.11	20.00	20.14	22.0	0.0	
30	HCQAM	1	1	19.39	20.40	20.39	22.0	0.0	
30	HCQAM	1	1	19.39	20.42	20.31	22.5	1.5	
Channel									
15	PSSBPSK	1	1	20.08	20.11	20.70	22.0	0.0	
Channel									
15	PSSBPSK	1	1	20.15	20.76	20.71	22.0	0.0	
Channel									
5	PSSBPSK	1	1	20.04	20.10	20.10	22.0	0.0	

n7_Ant 0(DS11)									
SD (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. / Power	Power Max/Min Ch. / Power	Power Peak Ch. / Power	Time-up time (min)	MTR (dB)	
Channel									
30	PSSBPSK	30Hz	1	21.16	21.23	21.20			
30	PSSBPSK	1	136	21.01	21.48	21.02	22.5	0.0	
30	PSSBPSK	1	396	20.75	20.62	20.75			
30	PSSBPSK	136	0	21.17	21.13	21.10	22.5	0.0	
30	PSSBPSK	136	36	21.43	21.43	21.40	22.5	0.0	
30	PSSBPSK	136	136	21.09	21.10	21.05	22.5	0.0	
30	PSSBPSK	396	0	21.27	21.26	21.29			
30	QPSK	1	1	21.09	21.14	21.10			
30	QPSK	1	136	21.40	21.41	21.40	22.5	0.0	
30	QPSK	1	396	20.64	20.72	20.71			
30	QPSK	136	0	21.16	21.11	21.12	22.5	0.0	
30	QPSK	136	36	21.31	21.41	21.20	22.5	0.0	
30	QPSK	136	136	21.01	20.95	20.96	22.5	0.0	
30	QPSK	396	0	21.20	21.20	21.20			
30	HCQAM	1	1	20.84	20.80	20.81	22.5	0.0	
30	HCQAM	1	1	20.62	20.68	20.70	22.0	0.5	
30	HCQAM	1	1	19.10	19.14	19.20	22.0	2.0	
Channel									
40	PSSBPSK	1	1	21.05	21.10	21.13	22.5	0.0	
Channel									
30	PSSBPSK	1	1	21.17	21.11	21.17	22.5	0.0	
Channel									
25	PSSBPSK	1	1	21.13	21.10	21.13	22.5	0.0	
Channel									
20	PSSBPSK	1	1	21.01	21.10	21.04	22.5	0.0	
Channel									
15	PSSBPSK	1	1	21.10	21.10	21.17	22.5	0.0	
Channel									
10	PSSBPSK	1	1	21.10	21.10	21.10	22.5	0.0	
Channel									
5	PSSBPSK	1	1	21.10	21.10	21.10	22.5	0.0	
Channel									
3	PSSBPSK	1	1	21.11	21.14	21.11	22.5	0.0	

n7_Ant 1(DS11)									
SD (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. / Power	Power Max/Min Ch. / Power	Power Peak Ch. / Power	Time-up time (min)	MTR (dB)	
Channel									
30	PSSBPSK	30Hz	1	19.92	19.75	19.72			
30	PSSBPSK	1	136	17.11	17.10	17.12	18.0	0.0	
30	PSSBPSK	1	396	19.30	19.20	19.32			
30	PSSBPSK	136	0	19.32	19.72	19.71	18.0	0.0	
30	PSSBPSK	136	36	19.06	17.90	18.00	18.0	0.0	
30	PSSBPSK	136	136	19.04	19.03	19.07	18.0	0.0	
30	PSSBPSK	396	0	19.78	19.80	19.80			
30	QPSK	1	1	19.71	19.72	19.64			
30	QPSK	1	136	17.24	17.09	17.02	18.0	0.0	
30	QPSK	1	396	19.31	19.20	19.24			
30	QPSK	136	0	19.32	19.69	19.64	18.0	0.0	
30	QPSK	136	36	19.06	18.00	18.00	18.0	0.0	
30	QPSK	136	136	19.06	19.07	19.07	18.0	0.0	
30	QPSK	396	0	19.69	19.74	19.69			
30	HCQAM	1	1	19.38	19.40	19.34	18.0	0.0	
30	HCQAM	1	1	19.20	19.20	19.16	18.0	0.0	
30	HCQAM	1	1	18.42	14.83	14.77	18.0	0.0	
Channel									
40	PSSBPSK	1	1	19.74	19.77	19.83	18.0	0.0	
Channel									
30	PSSBPSK	1	1	19.71	19.65	19.60	18.0	0.0	
Channel									
25	PSSBPSK	1	1	19.73	19.70	19.73	18.0	0.0	
Channel									
20	PSSBPSK	1	1	19.57	19.59	19.61	18.0	0.0	
Channel									
15	PSSBPSK	1	1	19.63	19.60	19.62	18.0	0.0	
Channel									
10	PSSBPSK	1	1	19.70	19.70	19.70	18.0	0.0	
Channel									
5	PSSBPSK	1	1	19.68	19.74	19.62	18.0	0.0	





n5_Ant 0(DS14)									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Spectral Density	Power Max Ch / Power Spectral Density	Power High Ch / Power Spectral Density	Time-up time (min)	MTR (dB)	
Channel									
Frequency (MHz)									
20	PSK BPSK	1	1	22.50	22.27	22.24			
20	PSK BPSK	1	53	22.40	22.04	22.07	23.0	0.0	
20	PSK BPSK	1	104	22.40	22.41	22.33			
20	PSK BPSK	50	0	22.20	22.11	22.13	23.0	0.0	
20	PSK BPSK	50	0	22.40	22.01	22.04	23.0	0.0	
20	PSK BPSK	50	50	22.07	22.19	22.07	23.0	0.0	
20	PSK BPSK	100	0	22.20	22.30	22.18			
20	QPSK	1	1	22.30	22.20	22.19			
20	QPSK	1	53	22.40	22.01	22.07	23.0	0.0	
20	QPSK	1	104	22.30	22.30	22.23			
20	QPSK	50	0	22.10	22.00	22.11	23.0	0.0	
20	QPSK	50	0	22.30	22.03	22.04	23.0	0.0	
20	QPSK	50	50	22.00	22.04	22.10	23.0	0.0	
20	QPSK	100	0	22.10	22.00	22.00			
20	SSB-CW	1	1	22.00	22.10	22.00	23.0	0.0	
20	SSB-CW	1	1	21.77	21.00	21.02	23.0	1.5	
20	SSB-CW	1	1	20.30	20.21	20.14	21.0	2.5	
Channel									
10	PSK BPSK	1	1	22.30	22.30	22.16	23.0	0.0	
Channel									
10	PSK BPSK	1	1	22.40	22.34	22.26	23.0	0.0	
Channel									
5	PSK BPSK	1	1	22.41	22.32	22.24	23.0	0.0	

n5_Ant 2(DS14)									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Spectral Density	Power Max Ch / Power Spectral Density	Power High Ch / Power Spectral Density	Time-up time (min)	MTR (dB)	
Channel									
Frequency (MHz)									
20	PSK BPSK	1	1	19.44	19.51	19.40			
20	PSK BPSK	1	53	19.00	19.70	19.40	21.0	0.0	
20	PSK BPSK	1	104	19.20	19.10	19.07			
20	PSK BPSK	50	0	19.07	19.71	19.07	21.0	0.0	
20	PSK BPSK	50	0	19.00	19.71	19.00	21.0	0.0	
20	PSK BPSK	50	50	19.10	19.08	19.03	21.0	0.0	
20	PSK BPSK	100	0	19.10	19.10	19.01			
20	QPSK	1	1	19.32	19.30	19.30			
20	QPSK	1	53	19.00	19.00	19.00	21.0	0.0	
20	QPSK	1	104	19.00	19.40	19.30			
20	QPSK	50	0	19.00	19.02	19.00	21.0	0.0	
20	QPSK	50	0	19.00	19.00	19.00	21.0	0.0	
20	QPSK	50	50	19.00	19.00	19.30	21.0	0.0	
20	QPSK	100	0	19.00	19.00	19.00			
20	SSB-CW	1	1	19.10	19.30	19.10	20.0	1.0	
20	SSB-CW	1	1	19.20	19.24	19.20	20.0	1.0	
20	SSB-CW	1	1	19.20	19.27	19.20	20.0	1.0	
Channel									
10	PSK BPSK	1	1	19.30	19.30	19.10	21.0	0.0	
Channel									
10	PSK BPSK	1	1	19.30	19.40	19.30	21.0	0.0	
Channel									
5	PSK BPSK	1	1	19.30	19.40	19.30	21.0	0.0	

n7_Ant 0(DS14)									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Spectral Density	Power Max Ch / Power Spectral Density	Power High Ch / Power Spectral Density	Time-up time (min)	MTR (dB)	
Channel									
Frequency (MHz)									
50	PSK BPSK	1	1	20.10	20.00	20.00			
50	PSK BPSK	1	100	20.00	20.30	20.07	21.0	0.0	
50	PSK BPSK	1	200	20.10	20.00	20.10			
50	PSK BPSK	100	0	20.01	20.30	20.00	21.0	0.0	
50	PSK BPSK	100	0	20.00	20.30	20.00	21.0	0.0	
50	PSK BPSK	100	100	20.00	20.30	20.00	21.0	0.0	
50	PSK BPSK	200	0	20.00	20.31	20.01			
50	QPSK	1	1	20.12	19.90	19.90			
50	QPSK	1	100	20.00	20.27	20.00	21.0	0.0	
50	QPSK	1	200	20.04	19.97	19.90			
50	QPSK	100	0	20.00	20.10	20.00	21.0	0.0	
50	QPSK	100	0	20.00	20.00	20.00	21.0	0.0	
50	QPSK	100	100	20.00	20.20	20.00	21.0	0.0	
50	QPSK	200	0	20.00	20.00	20.00			
50	SSB-CW	1	1	19.90	19.90	19.70	21.0	0.0	
50	SSB-CW	1	1	19.90	19.90	19.90	21.0	0.0	
50	SSB-CW	1	1	19.90	19.90	19.90	21.0	0.0	
Channel									
Frequency (MHz)									
40	PSK BPSK	1	1	20.00	20.00	20.00			
40	PSK BPSK	1	1	20.00	19.90	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
30	PSK BPSK	1	1	20.00	19.90	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
25	PSK BPSK	1	1	20.00	19.90	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
20	PSK BPSK	1	1	20.00	19.90	20.00			
20	PSK BPSK	1	1	20.00	19.90	19.90	21.0	0.0	
Channel									
Frequency (MHz)									
15	PSK BPSK	1	1	20.00	19.90	19.90	21.0	0.0	
Channel									
Frequency (MHz)									
10	PSK BPSK	1	1	20.00	19.90	19.90	21.0	0.0	
Channel									
Frequency (MHz)									
5	PSK BPSK	1	1	20.00	19.90	19.90	21.0	0.0	

n7_Ant 1(DS14)									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Power Spectral Density	Power Max Ch / Power Spectral Density	Power High Ch / Power Spectral Density	Time-up time (min)	MTR (dB)	
Channel									
Frequency (MHz)									
50	PSK BPSK	1	1	19.70	19.70	19.70			
50	PSK BPSK	1	100	19.70	19.70	19.70	19.0	0.0	
50	PSK BPSK	1	200	19.70	19.70	19.70			
50	PSK BPSK	100	0	19.70	19.70	19.70	19.0	0.0	
50	PSK BPSK	100	0	19.70	19.70	19.70	19.0	0.0	
50	PSK BPSK	100	100	19.70	19.70	19.70	19.0	0.0	
50	PSK BPSK	200	0	19.70	19.70	19.70			
50	QPSK	1	1	19.70	19.70	19.70			
50	QPSK	1	100	19.70	19.70	19.70	19.0	0.0	
50	QPSK	1	200	19.70	19.70	19.70			
50	QPSK	100	0	19.70	19.70	19.70	19.0	0.0	
50	QPSK	100	0	19.70	19.70	19.70	19.0	0.0	
50	QPSK	100	100	19.70	19.70	19.70	19.0	0.0	
50	QPSK	200	0	19.70	19.70	19.70			
50	SSB-CW	1	1	19.70	19.70	19.70	19.0	0.0	
50	SSB-CW	1	1	19.70	19.70	19.70	19.0	0.0	
50	SSB-CW	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
40	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
30	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
25	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
20	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
15	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
10	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	
Channel									
5	PSK BPSK	1	1	19.70	19.70	19.70	19.0	0.0	



Part27Q n78_FCC_Ant 2(Default)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up Int. (min)	LMT (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.43					
100	P12-BPSK	1	137	22.29			24.0	0.0	
100	P12-BPSK	1	271	22.28					
100	P12-BPSK	135	5	22.53			23.5	0.5	
100	P12-BPSK	135	89	22.23			24.0	0.0	
100	P12-BPSK	135	138	22.63			23.0	1.0	
100	P12-BPSK	270	5	22.54			23.5	0.5	
100	QPSK	1	1	22.43					
100	QPSK	1	137	22.22			24.0	0.0	
100	QPSK	1	271	22.82					
100	QPSK	135	5	22.55			23.0	1.0	
100	QPSK	135	89	22.27			24.0	0.0	
100	QPSK	135	138	22.17			23.0	1.0	
100	QPSK	270	5	22.54					
100	16QAM	1	1	22.18			22.0	1.0	
100	16QAM	1	1	22.73			21.5	2.5	
100	256QAM	1	1	18.42			19.5	4.5	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.39	22.39	22.39	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	22.33	22.33	22.41	24.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	22.22	22.22	22.22	24.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	22.41	22.40	22.43	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.39	22.38	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	22.25	22.22	22.23	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	22.40	22.29	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	22.28	22.27	22.28	24.0	0.0	

Part27Q n78_FCC_Ant 2(Default)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up Int. (min)	LMT (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.52	22.52				
100	P12-BPSK	1	137	22.36	22.36		24.0	0.0	
100	P12-BPSK	1	271	22.88	22.88				
100	P12-BPSK	135	5	22.67	22.67		23.5	0.5	
100	P12-BPSK	135	89	22.33	22.33		24.0	0.0	
100	P12-BPSK	135	138	22.72	22.72		23.5	0.5	
100	P12-BPSK	270	5	22.66	22.66		23.5	0.5	
100	QPSK	1	1	22.48	22.48				
100	QPSK	1	137	22.21	22.21		24.0	0.0	
100	QPSK	1	271	22.82	22.82				
100	QPSK	135	5	22.59	22.59		23.0	1.0	
100	QPSK	135	89	22.24	22.24		24.0	0.0	
100	QPSK	135	138	22.18	22.18		23.0	1.0	
100	QPSK	270	5	22.15	22.15		23.0	1.0	
100	16QAM	1	1	22.24	22.24		22.0	1.0	
100	16QAM	1	1	22.65	22.65		21.5	2.5	
100	256QAM	1	1	18.58	18.58		19.5	4.5	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.32	22.40	22.39	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	22.39	22.44	22.32	24.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	22.19	22.40	22.24	24.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	22.26	22.43	22.38	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.27	22.38	22.29	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	22.29	22.32	22.29	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	22.28	22.46	22.26	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	22.13	22.48	22.24	24.0	0.0	

Part27Q n78_FCC_Ant 4(Default)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up Int. (min)	LMT (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.18					
100	P12-BPSK	1	137	22.05	22.05		24.0	0.0	
100	P12-BPSK	1	271	22.87					
100	P12-BPSK	135	5	22.24	22.24		23.5	0.5	
100	P12-BPSK	135	89	22.02	22.02		24.0	0.0	
100	P12-BPSK	135	138	22.46	22.46				
100	P12-BPSK	270	5	22.42	22.42		23.5	0.5	
100	QPSK	1	1	22.13					
100	QPSK	1	137	22.09	22.09		24.0	0.0	
100	QPSK	1	271	22.82					
100	QPSK	135	5	22.16	22.16		23.0	1.0	
100	QPSK	135	89	22.02	22.02		24.0	0.0	
100	QPSK	135	138	21.86	21.86		23.0	1.0	
100	QPSK	270	5	22.08	22.08		23.0	1.0	
100	16QAM	1	1	22.07	22.07		22.0	1.0	
100	16QAM	1	1	22.42	22.42		21.5	2.5	
100	256QAM	1	1	18.11	18.11		19.5	4.5	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.09	22.12	22.10	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	22.10	22.08	22.14	24.0	0.0	
Channel									
Frequency (MHz)									
90	P12-BPSK	1	1	22.15	22.13	22.17	24.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	22.06	22.11	22.13	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.08	22.07	22.13	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	22.08	22.19	22.17	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	22.06	22.10	22.10	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	22.14	22.14	22.16	24.0	0.0	

Part27Q n78_FCC_Ant 4(Default)									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Max Ch./Freq.	Power High Ch./Freq.	Time-up Int. (min)	LMT (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.23					
100	P12-BPSK	1	137	22.18			24.0	0.0	
100	P12-BPSK	1	271	22.62					
100	P12-BPSK	1	405	22.57			24.0	0.0	
100	P12-BPSK	155	88	23.12			24.0	0.0	
100	P12-BPSK	155	138	22.58			23.5	0.1	
100	P12-BPSK	235	6	22.88					
100	QPSK	1	1	22.30					
100	QPSK	1	137	22.25			24.0	0.0	
100	QPSK	1	271	22.55					
100	QPSK	155	6	22.62			23.0	1.0	
100	QPSK	155	68	22.57			23.5	0.0	
100	QPSK	155	138	22.58			23.0	1.0	
100	QPSK	235	6	22.88			23.0	1.0	
100	SSB-AM	1	1	21.15			23.0	1.0	
100	SSB-AM	1	1	18.87			23.0	2.5	
100	SSB-AM	1	1	18.35			23.5	4.1	
Channel									
30	Frequency (MHz)			46.0000	46.0000	46.032			LMT
30	P12-BPSK	1	1	22.12	22.12	22.20	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	22.61	22.61	22.69	24.0	0.0	
80	P12-BPSK	1	1	22.62	22.62	22.70	24.0	0.0	
Channel									
Frequency (MHz)									
70	P12-BPSK	1	1	22.11	22.11	22.19	24.0	0.0	
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	22.18	22.18	22.26	24.0	0.0	
60	P12-BPSK	1	1	22.18	22.18	22.26	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	22.08	22.08	22.16	24.0	0.0	
50	P12-BPSK	1	1	22.08	22.08	22.22	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	22.18	22.18	22.22	24.0	0.0	
40	P12-BPSK	1	1	22.18	22.18	22.22	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	22.12	22.12	22.16	24.0	0.0	
30	P12-BPSK	1	1	22.12	22.12	22.16	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	22.18	22.18	22.22	24.0	0.0	

Part27Q n78_FCC_Ant 6(Default)

SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Fmax	Power Main Ch./Fmax	Power High Ch./Fmax	Time-up time (min)	MFR (dB)
Channel								
Frequency (MHz)								
100	P12 BPSK	1	1	24.26				
100	P12 BPSK	1	137	25.05				
100	P12 BPSK	1	271	24.47			20.0	0.0
100	P12 BPSK	135	5	24.47			25.5	0.5
100	P12 BPSK	135	89	25.04			20.0	0.0
100	P12 BPSK	135	138	24.46				
100	P12 BPSK	270	5	24.38			25.5	0.5
100	QPSK	1	1	24.41				
100	QPSK	1	137	25.02			20.0	0.0
100	QPSK	1	271	23.88				
100	QPSK	135	5	23.87			25.0	1.0
100	QPSK	135	89	24.98			20.0	0.0
100	QPSK	135	138	23.99			25.0	1.0
100	QPSK	270	5	23.87				
100	16QAM	1	1	25.02			25.0	1.0
100	16QAM	1	1	24.61			25.5	0.5
100	16QAM	1	1	25.17			21.5	4.5
Channel								
Frequency (MHz)								
30	P12 BPSK	1	1	24.11	24.16	24.19	20.0	0.0
Channel								
Frequency (MHz)								
80	P12 BPSK	1	1	24.13	24.23	24.35	20.0	0.0
Channel								
Frequency (MHz)								
70	P12 BPSK	1	1	24.12	24.22	24.32	20.0	0.0
Channel								
Frequency (MHz)								
60	P12 BPSK	1	1	24.12	24.22	24.33	20.0	0.0
Channel								
Frequency (MHz)								
50	P12 BPSK	1	1	24.13	24.21	24.18	20.0	0.0
Channel								
Frequency (MHz)								
40	P12 BPSK	1	1	24.17	24.26	24.20	20.0	0.0
Channel								
Frequency (MHz)								
30	P12 BPSK	1	1	24.13	24.16	24.11	20.0	0.0
Channel								
Frequency (MHz)								
20	P12 BPSK	1	1	24.02	24.06	24.02	20.0	0.0

Part27O n78_FCC_Ant 6(Default)

SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Fmax	Power Main Ch./Fmax	Power High Ch./Fmax	Time-up time (min)	MFR (dB)
Channel								
Frequency (MHz)								
100	P12 BPSK	1	1	24.40				
100	P12 BPSK	1	137	25.05			20.0	0.0
100	P12 BPSK	1	271	24.88				
100	P12 BPSK	135	5	24.31			25.5	0.5
100	P12 BPSK	135	89	25.05			20.0	0.0
100	P12 BPSK	135	138	24.50				
100	P12 BPSK	270	5	24.50			25.5	0.5
100	QPSK	1	1	24.34				
100	QPSK	1	137	25.04			20.0	0.0
100	QPSK	1	271	24.58				
100	QPSK	135	5	23.95			25.0	1.0
100	QPSK	135	89	25.05			20.0	0.0
100	QPSK	135	138	24.65			25.0	1.0
100	QPSK	270	5	23.95				
100	16QAM	1	1	25.11			25.0	1.0
100	16QAM	1	1	25.00			25.5	0.5
100	16QAM	1	1	25.30			21.5	4.5
Channel								
Frequency (MHz)								
90	P12 BPSK	1	1	24.32	24.39	24.17	20.0	0.0
Channel								
Frequency (MHz)								
80	P12 BPSK	1	1	24.20	24.30	24.20	20.0	0.0
Channel								
Frequency (MHz)								
70	P12 BPSK	1	1	24.03	24.10	24.03	20.0	0.0
Channel								
Frequency (MHz)								
60	P12 BPSK	1	1	24.27	24.40	24.16	20.0	0.0
Channel								
Frequency (MHz)								
50	P12 BPSK	1	1	24.38	24.38	24.26	20.0	0.0
Channel								
Frequency (MHz)								
40	P12 BPSK	1	1	24.32	24.36	24.21	20.0	0.0
Channel								
Frequency (MHz)								
30	P12 BPSK	1	1	24.23	24.37	24.28	20.0	0.0
Channel								
Frequency (MHz)								
20	P12 BPSK	1	1	24.02	24.06	24.03	20.0	0.0

Part27Q n78_FCC_Ant 11(Default)

SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Fmax	Power Main Ch./Fmax	Power High Ch./Fmax	D	MFR (dB)
Channel								
Frequency (MHz)								
100	P12 BPSK	1	1	22.28				
100	P12 BPSK	1	137	22.27			24.0	0.0
100	P12 BPSK	1	271	22.25				
100	P12 BPSK	135	5	22.16			23.5	0.5
100	P12 BPSK	135	89	22.87			20.0	0.0
100	P12 BPSK	135	138	22.21				
100	P12 BPSK	270	5	22.13			23.5	0.5
100	QPSK	1	1	22.10				
100	QPSK	1	137	22.87			24.0	0.0
100	QPSK	1	271	22.21				
100	QPSK	135	5	21.89			23.0	1.0
100	QPSK	135	89	22.82			24.0	0.0
100	QPSK	135	138	21.87			23.0	1.0
100	QPSK	270	5	21.75				
100	16QAM	1	1	22.80			23.0	1.0
100	16QAM	1	1	22.43			21.5	4.5
100	16QAM	1	1	23.07			19.5	4.5
Channel								
Frequency (MHz)								
90	P12 BPSK	1	1	22.12	22.12	22.10	24.0	0.0
Channel								
Frequency (MHz)								
80	P12 BPSK	1	1	22.20	22.25	22.19	24.0	0.0
Channel								
Frequency (MHz)								
70	P12 BPSK	1	1	22.03	22.05	22.04	24.0	0.0
Channel								
Frequency (MHz)								
60	P12 BPSK	1	1	22.14	22.13	22.14	24.0	0.0
Channel								
Frequency (MHz)								
50	P12 BPSK	1	1	22.13	22.24	22.26	24.0	0.0
Channel								
Frequency (MHz)								
40	P12 BPSK	1	1	22.24	22.19	22.18	24.0	0.0
Channel								
Frequency (MHz)								
30	P12 BPSK	1	1	22.16	22.21	22.10	24.0	0.0
Channel								
Frequency (MHz)								
20	P12 BPSK	1	1	22.14	22.16	22.10	24.0	0.0

Part27O n78_FCC_Ant 11(Default)

SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Fmax	Power Main Ch./Fmax	Power High Ch./Fmax	Time-up time (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	P12 BPSK	1	1	22.28			24.0	0.0		
100	P12 BPSK	1	137	22.27						
100	P12 BPSK	1	271	22.48						
100	P12 BPSK	135	5	22.38					23.5	0.5
100	P12 BPSK	135	89	23.10					20.0	0.0
100	P12 BPSK	135	138	22.32					23.5	0.5
100	P12 BPSK	270	5	22.45						
100	QPSK	1	1	22.25						
100	QPSK	1	137	23.01			24.0	0.0		
100	QPSK	1	271	22.49						
100	QPSK	135	5	21.84			23.0	1.0		
100	QPSK	135	89	23.11			24.0	0.0		
100	QPSK	135	138	21.81			23.0	1.0		
100	QPSK	270	5	21.88						
100	16QAM	1	1	22.89			23.0	1.0		
100	16QAM	1	1	22.52			21.5	4.5		
100	16QAM	1	1	23.16			19.5	4.5		
Channel										
Frequency (MHz)										
90	P12 BPSK	1	1	22.17	22.11	22.20	24.0	0.0		
Channel										
Frequency (MHz)										
80	P12 BPSK	1	1	22.19	22.07	22.08	24.0	0.0		
Channel										
Frequency (MHz)										
70	P12 BPSK	1	1	22.11	22.12	22.05	24.0	0.0		
Channel										
Frequency (MHz)										
60	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
50	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
30	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
20	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
10	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		
Channel										
Frequency (MHz)										
0	P12 BPSK	1	1	22.08	22.08	22.09	24.0	0.0		



Part27Q n78_FCC_Ant 2(DSI0)									
SVI (MHz)	Modulation	RF Size	RF Offset	Power Line Ch. / Power	Power Margin Ch. / Power	Power Peak Ch. / Power	Turn-up time (min)	MTBF (h)	
Channel									
Frequency (MHz)									
180	P12 BPSK	1	1	17.34					
180	P12 BPSK	1	137	18.39			18.0	0.0	
180	P12 BPSK	1	231	17.52					
180	P12 BPSK	180	0	17.88			18.0	0.0	
180	P12 BPSK	180	48	18.00			18.0	0.0	
180	P12 BPSK	180	138	17.98			18.0	0.0	
180	P12 BPSK	270	0	17.80					
180	QPSK	1	1	17.25					
180	QPSK	1	137	18.28			18.0	0.0	
180	QPSK	231	1	17.52					
180	QPSK	180	0	17.80			18.0	0.0	
180	QPSK	180	48	18.00			18.0	0.0	
180	QPSK	180	138	17.97			18.0	0.0	
180	QPSK	270	0	17.80					
180	HCQAM	1	1	17.17			18.5	0.5	
180	HCQAM	1	1	17.22			18.5	0.5	
180	HCQAM	1	1	17.25			18.5	0.5	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.22	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.20	17.28	17.20	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.19	17.31	17.19	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.23	17.17	17.23	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.29	17.29	17.29	18.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	17.27	17.27	17.27	18.0	0.0	
Channel									
Frequency (MHz)									

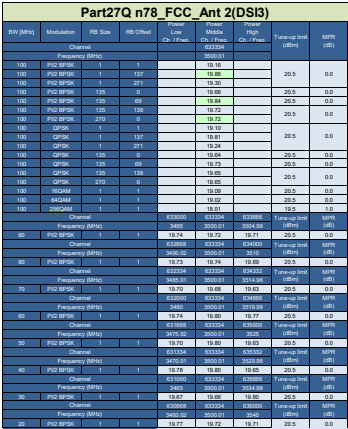


Part27Q n78_FCC_Ant 6(DSI0)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Margin Ch. / Freq.	Power Rise Ch. / Freq.	Turn-up time (sec)	MPT (dB)	
Channel									
100	P2D BPSK	1	1	14.58					
100	P2D BPSK	1	137	13.18			16.0	0.0	
100	P2D BPSK	1	241	14.62					
100	P2D BPSK	136	2	13.27			16.0	0.0	
100	P2D BPSK	136	6	13.13			16.0	0.0	
100	P2D BPSK	136	136	13.05			16.0	0.0	
100	P2D BPSK	270	0	13.02			16.0	0.0	
100	QPSK	1	1	14.44					
100	QPSK	1	137	13.08			16.0	0.0	
100	QPSK	1	241	14.52					
100	QPSK	136	0	14.04			16.0	0.0	
100	QPSK	136	60	13.06			16.0	0.0	
100	QPSK	136	136	13.05			16.0	0.0	
100	QPSK	270	0	13.07			16.0	0.0	
100	SSB-W	1	1	14.38			16.0	0.0	
100	SSB-W	1	1	13.02			16.0	0.0	
Channel									
Frequency (MHz)	3000	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	3400.00	3600.00	3700.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	3750.00	3900.00	4050.00	Turn-up time (sec)	MPT (dB)				
70	P2D BPSK	1	1	14.49	14.40	14.53	16.0	0.0	
Channel									
Frequency (MHz)	8333.33	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	8400.00	8400.00	8400.00	Turn-up time (sec)	MPT (dB)				
90	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	8750.00	8750.00	8750.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9166.67	9166.67	9166.67	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9500.00	9500.00	9500.00	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9833.33	9833.33	9833.33	Turn-up time (sec)	MPT (dB)				
20	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	

Part27O n78_FCC_Ant 6(DSI0)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Margin Ch. / Freq.	Power Rise Ch. / Freq.	Turn-up time (sec)	MPT (dB)	
Channel									
100	P2D BPSK	1	1	14.65					
100	P2D BPSK	1	137	13.28			16.0	0.0	
100	P2D BPSK	1	241	15.27					
100	P2D BPSK	136	2	13.05			16.0	0.0	
100	P2D BPSK	136	6	13.15			16.0	0.0	
100	P2D BPSK	136	136	13.13			16.0	0.0	
100	P2D BPSK	270	0	13.06			16.0	0.0	
100	QPSK	1	1	14.58					
100	QPSK	1	137	13.18			16.0	0.0	
100	QPSK	1	241	14.62					
100	QPSK	136	0	14.02			16.0	0.0	
100	QPSK	136	60	13.06			16.0	0.0	
100	QPSK	136	136	13.05			16.0	0.0	
100	QPSK	270	0	13.07			16.0	0.0	
100	SSB-W	1	1	14.37			16.0	0.0	
100	SSB-W	1	1	13.01			16.0	0.0	
Channel									
Frequency (MHz)	3000	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	3400.00	3600.00	3700.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	3750.00	3900.00	4050.00	Turn-up time (sec)	MPT (dB)				
70	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	8333.33	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	8400.00	8400.00	8400.00	Turn-up time (sec)	MPT (dB)				
90	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	8750.00	8750.00	8750.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9166.67	9166.67	9166.67	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9500.00	9500.00	9500.00	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	
Channel									
Frequency (MHz)	9833.33	9833.33	9833.33	Turn-up time (sec)	MPT (dB)				
20	P2D BPSK	1	1	14.54	14.52	14.69	16.0	0.0	

Part27Q n78_FCC_Ant 11(DSI0)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Margin Ch. / Freq.	Power Rise Ch. / Freq.	Turn-up time (sec)	MPT (dB)	
Channel									
100	P2D BPSK	1	1	22.26					
100	P2D BPSK	1	137	22.27			24.0	0.0	
100	P2D BPSK	1	241	22.23					
100	P2D BPSK	136	0	22.18			23.0	0.0	
100	P2D BPSK	136	6	22.27			24.0	0.0	
100	P2D BPSK	136	136	22.27			23.0	0.0	
100	P2D BPSK	270	0	22.13			23.0	0.0	
100	QPSK	1	1	22.12					
100	QPSK	1	137	22.27			24.0	0.0	
100	QPSK	1	241	22.21					
100	QPSK	136	0	21.85			23.0	1.0	
100	QPSK	136	60	21.83			24.0	0.0	
100	QPSK	136	136	21.87			23.0	1.0	
100	QPSK	270	0	21.75			23.0	1.0	
100	SSB-W	1	1	20.84			23.0	1.0	
100	SSB-W	1	1	19.43			21.5	2.5	
100	SSB-W	1	1	18.97			19.5	4.5	
Channel									
Frequency (MHz)	3000	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	22.12	22.12	22.10	24.0	0.0	
Channel									
Frequency (MHz)	3400.00	3600.00	3700.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	22.20	22.20	22.19	24.0	0.0	
Channel									
Frequency (MHz)	3750.00	3900.00	4050.00	Turn-up time (sec)	MPT (dB)				
70	P2D BPSK	1	1	22.15	22.15	22.04	24.0	0.0	
Channel									
Frequency (MHz)	8333.33	8333.33	8333.33	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	22.14	22.10	22.14	24.0	0.0	
Channel									
Frequency (MHz)	8400.00	8400.00	8400.00	Turn-up time (sec)	MPT (dB)				
90	P2D BPSK	1	1	22.13	22.24	22.20	24.0	0.0	
Channel									
Frequency (MHz)	8750.00	8750.00	8750.00	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	22.04	22.10	22.16	24.0	0.0	
Channel									
Frequency (MHz)	9166.67	9166.67	9166.67	Turn-up time (sec)	MPT (dB)				
80	P2D BPSK	1	1	22.16	22.21	22.16	24.0	0.0	
Channel									
Frequency (MHz)	9500.00	9500.00	9500.00	Turn-up time (sec)	MPT (dB)				
30	P2D BPSK	1	1	22.14	22.14	22.10	24.0	0.0	
Channel									
Frequency (MHz)	9833.33	9833.33	9833.33	Turn-up time (sec)	MPT (dB)				
20	P2D BPSK	1	1	22.14	22.14	22.10	24.0	0.0	

Part27O n78_FCC_Ant 11(DSI0)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Margin Ch. / Freq.	Power Rise Ch. / Freq.	Turn-up time (sec)	MPT (dB)	
Channel									
100	P2D BPSK	1	1	22.21					
100	P2D BPSK	1	137	22.14			24.0	0.0	
100	P2D BPSK	1	241	22.05					
100	P2D BPSK	136	0	22.00			23.0	0.0	
100	P2D BPSK	136	6	22.09			24.0	0.0	
100	P2D BPSK	136	136	22.07			23.0	0.0	
100	P2D BPSK	270	0	22.05			23.0	0.0	

[illegible]

Part27Q Res FCC Ant 4 (DS13)									
Set ID#	Modulation	FSK	FSK Offset	Rate Kb/s	Ch. Freq.	Mod. Ch. Freq.	Mod. Ch. Freq.	Value of test result	MPN
Frequency (MHz)									
100	FSK	FSK	0	1200	21.42				
100	FSK	FSK	1	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	2	1200	21.42	21.42		22.0	0.1
100	FSK	FSK	3	1200	21.42	21.42		22.0	0.1
100	FSK	FSK	4	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	5	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	6	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	7	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	8	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	9	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	10	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	11	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	12	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	13	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	14	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	15	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	16	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	17	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	18	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	19	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	20	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	21	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	22	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	23	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	24	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	25	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	26	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	27	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	28	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	29	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	30	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	31	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	32	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	33	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	34	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	35	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	36	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	37	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	38	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	39	1200	21.42	21.42		22.1	0.1
100	FSK	FSK	40	1200	21.42	21.42		22.1	0.1
100									

Part2To n78 FCC Ant 4 (DS13)										
Set ID	Modulation	Port	Rate	QPSK Offset	QPSK	Modulation	Port	Rate	QPSK Offset	QPSK
		Channel	Ch. Freq	Ch. Freq	Ch. Freq			Channel	Ch. Freq	Ch. Freq
Frequency Modulation										
100	PSK	PSK	100	0	0	100	PSK	100	0	0
100	PSK	PSK	100	1	1	100	PSK	100	1	1
100	PSK	PSK	100	2	2	100	PSK	100	2	2
100	PSK	PSK	100	3	3	100	PSK	100	3	3
100	PSK	PSK	100	4	4	100	PSK	100	4	4
100	PSK	PSK	100	5	5	100	PSK	100	5	5
100	PSK	PSK	100	6	6	100	PSK	100	6	6
100	PSK	PSK	100	7	7	100	PSK	100	7	7
100	PSK	PSK	100	8	8	100	PSK	100	8	8
100	PSK	PSK	100	9	9	100	PSK	100	9	9
100	PSK	PSK	100	10	10	100	PSK	100	10	10
100	PSK	PSK	100	11	11	100	PSK	100	11	11
100	PSK	PSK	100	12	12	100	PSK	100	12	12
100	PSK	PSK	100	13	13	100	PSK	100	13	13
100	PSK	PSK	100	14	14	100	PSK	100	14	14
100	PSK	PSK	100	15	15	100	PSK	100	15	15
100	PSK	PSK	100	16	16	100	PSK	100	16	16
100	PSK	PSK	100	17	17	100	PSK	100	17	17
100	PSK	PSK	100	18	18	100	PSK	100	18	18
100	PSK	PSK	100	19	19	100	PSK	100	19	19
100	PSK	PSK	100	20	20	100	PSK	100	20	20
100	PSK	PSK	100	21	21	100	PSK	100	21	21
100	PSK	PSK	100	22	22	100	PSK	100	22	22
100	PSK	PSK	100	23	23	100	PSK	100	23	23
100	PSK	PSK	100	24	24	100	PSK	100	24	24
100	PSK	PSK	100	25	25	100	PSK	100	25	25
100	PSK	PSK	100	26	26	100	PSK	100	26	26
100	PSK	PSK	100	27	27	100	PSK	100	27	27
100	PSK	PSK	100	28	28	100	PSK	100	28	28
100	PSK	PSK	100	29	29	100	PSK	100	29	29
100	PSK	PSK	100	30	30	100	PSK	100	30	30
100	PSK	PSK	100	31	31	100	PSK	100	31	31
100	PSK	PSK	100	32	32	100	PSK	100	32	32
100	PSK	PSK	100	33	33	100	PSK	100	33	33
100	PSK	PSK	100	34	34	100	PSK	100	34	34
100	PSK	PSK	100	35	35	100	PSK	100	35	35
100	PSK	PSK	100	36	36	100	PSK	100	36	36
100	PSK	PSK	100	37	37	100	PSK	100	37	37
100	PSK	PSK	100	38	38	100	PSK	100	38	38
100	PSK	PSK								



Part27Q n78_FCC_Ant 6(DSI3)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Power	Power Margin Ch. / Power	Power Peak Ch. / Power	Power Rise Ch. / Power	Turn-up time (sec)	MRP (dB)
Channel									
100	PIC BPSK	1	1	21.67					
100	PIC BPSK	1	137	21.65				22.5	0.0
100	PIC BPSK	1	241	21.72					
100	PIC BPSK	136	2	21.52				22.5	0.0
100	PIC BPSK	136	241	21.57				22.5	0.0
100	PIC BPSK	136	136	21.57				22.5	0.0
100	PIC BPSK	270	2	21.54				22.5	0.0
100	QPSK	1	1	21.59					
100	QPSK	1	137	21.52				22.5	0.0
100	QPSK	1	241	21.55					
100	QPSK	136	2	21.53				22.5	0.0
100	QPSK	136	241	21.55				22.5	0.0
100	QPSK	136	136	21.48				22.5	0.0
100	QPSK	270	2	21.55				22.5	0.5
100	MSKAM	1	1	13.82				22.0	0.5
100	MSKAM	1	1	13.85				22.0	0.5
100	MSKAM	1	1	20.43				21.5	1.0
Channel									
Frequency (MHz)	3000	3000.00	3000.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.39	20.36	21.13	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.39	20.36	21.12	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
70	PIC BPSK	1	1	20.32	20.33	21.13	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.36	20.32	21.11	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.39	20.36	21.14	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
40	PIC BPSK	1	1	20.39	20.39	21.03	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.34	20.34	21.09	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.34	20.37	21.05	22.5	0.0	

Part27O n78_FCC_Ant 6(DSI3)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Power	Power Margin Ch. / Power	Power Peak Ch. / Power	Power Rise Ch. / Power	Turn-up time (sec)	MRP (dB)
Channel									
100	PIC BPSK	1	1	21.50					
100	PIC BPSK	1	137	21.73				22.5	0.0
100	PIC BPSK	1	241	21.72					
100	PIC BPSK	136	2	21.52				22.5	0.0
100	PIC BPSK	136	241	21.56				22.5	0.0
100	PIC BPSK	136	136	21.56				22.5	0.0
100	PIC BPSK	270	2	21.58				22.5	0.0
100	QPSK	1	1	21.55					
100	QPSK	1	137	21.58				22.5	0.0
100	QPSK	1	241	21.54					
100	QPSK	136	2	21.52				22.5	0.0
100	QPSK	136	241	21.54				22.5	0.0
100	QPSK	136	136	21.51				22.5	0.0
100	QPSK	270	2	21.57				22.0	0.5
100	MSKAM	1	1	13.85				22.0	0.5
100	MSKAM	1	1	19.35				22.0	0.5
100	MSKAM	1	1	20.34				22.5	1.0
Channel									
Frequency (MHz)	3000	3000.00	3000.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.32	20.30	21.04	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.30	20.30	21.05	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
70	PIC BPSK	1	1	20.79	20.84	21.03	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.31	20.37	21.04	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.35	20.32	21.04	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
40	PIC BPSK	1	1	20.36	20.35	21.09	22.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.32	20.30	21.11	22.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	20.31	20.37	21.05	22.5	0.0	

Part27Q n78_FCC_Ant 11(DSI3)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Power	Power Margin Ch. / Power	Power Peak Ch. / Power	Power Rise Ch. / Power	Turn-up time (sec)	MRP (dB)
Channel									
100	PIC BPSK	1	1	16.58					
100	PIC BPSK	1	137	17.65				18.5	0.0
100	PIC BPSK	1	241	17.63					
100	PIC BPSK	136	2	17.24				18.5	0.0
100	PIC BPSK	136	241	17.24				18.5	0.0
100	PIC BPSK	136	136	17.24				18.5	0.0
100	PIC BPSK	270	2	17.42				18.5	0.0
100	QPSK	1	1	16.62					
100	QPSK	1	137	17.55				18.5	0.0
100	QPSK	1	241	16.61					
100	QPSK	136	2	17.19				18.5	0.0
100	QPSK	136	241	17.23				18.5	0.0
100	QPSK	136	136	17.43				18.5	0.0
100	QPSK	270	2	17.35				18.5	0.0
100	MSKAM	1	1	18.71				18.5	0.0
100	MSKAM	1	1	18.62				18.5	0.0
100	MSKAM	1	1	17.41				18.5	0.0
Channel									
Frequency (MHz)	3000	3000.00	3000.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.50	16.50	17.12	18.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.56	16.46	17.10	18.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
70	PIC BPSK	1	1	16.47	16.72	16.47	18.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.56	16.51	17.11	18.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.54	16.45	17.10	18.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
40	PIC BPSK	1	1	16.57	16.53	17.05	18.5	0.0	
Channel									
Frequency (MHz)	3410.00	3410.00	3410.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.50	16.50	17.04	18.5	0.0	
Channel									
Frequency (MHz)	3400.00	3400.00	3400.00	Turn-up time (sec)	MRP (dB)				
30	PIC BPSK	1	1	16.56	16.50	17.12	18.5	0.0	

Part27O n78_FCC_Ant 11(DSI3)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Power	Power Margin Ch. / Power	Power Peak Ch. / Power	Power Rise Ch. / Power	Turn-up time (sec)	MRP (dB)
Channel									
100	PIC BPSK	1	1	17.23					
100	PIC BPSK	1	137	17.75				18.5	0.0
100	PIC BPSK	1	241	17.72					
100	PIC BPSK	136	2	17.72				18.5	0.0
100	PIC BPSK	136	241	17.72				18.5	0.0
100	PIC BPSK	136	136	17.72				18.5	0.0
100	PIC BPSK	270	2	17.85				18.5	0.0
100	QPSK	1	1	17.20					
100	QPSK	1							



Part27Q n78_FCC_Ant 2(DS14)									
SR ID#	Modulation	RF Size	RF Offset	Power Level Ch. / Power	Power Margin Ch. / Power	Power Margin Ch. / Power	Turn-up time (min)	EMF (dB)	
Channel									
Frequency (MHz)									
180	P12 BPSK	1	1	19.16					
180	P12 BPSK	1	137	19.88			20.5	0.0	
180	P12 BPSK	1	231	19.30					
180	P12 BPSK	180	0	19.88			20.5	0.0	
180	P12 BPSK	180	46	19.88			20.5	0.0	
180	P12 BPSK	180	138	19.72			20.5	0.0	
180	P12 BPSK	270	0	19.72			20.5	0.0	
180	QPSK	1	1	19.76					
180	QPSK	1	137	19.81			20.5	0.0	
180	QPSK	1	231	19.34					
180	QPSK	180	0	19.84			20.5	0.0	
180	QPSK	180	46	19.73			20.5	0.0	
180	QPSK	180	138	19.88			20.5	0.0	
180	QPSK	270	0	19.88			20.5	0.0	
180	HCQAM	1	1	19.88			20.5	0.0	
180	HCQAM	1	1	19.88			20.5	0.0	
180	HCQAM	1	1	19.88			20.5	0.0	
180	HCQAM	1	1	19.81			19.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.74	19.72	19.71	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.73	19.74	19.85	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.75	19.66	19.63	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.74	19.80	19.77	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.70	19.80	19.83	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.73	19.80	19.83	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.77	19.72	19.71	20.5	0.0	

Part27O n78_FCC_Ant 2(DS14)									
SR ID#	Modulation	RF Size	RF Offset	Power Level Ch. / Power	Power Margin Ch. / Power	Power Margin Ch. / Power	Turn-up time (min)	EMF (dB)	
Channel									
Frequency (MHz)									
180	P12 BPSK	1	1	19.30					
180	P12 BPSK	1	137	20.08			20.5	0.0	
180	P12 BPSK	1	231	19.52					
180	P12 BPSK	180	0	19.84			20.5	0.0	
180	P12 BPSK	180	46	19.87			20.5	0.0	
180	P12 BPSK	180	138	19.87			20.5	0.0	
180	P12 BPSK	270	0	19.87			20.5	0.0	
180	QPSK	1	1	19.76					
180	QPSK	1	137	20.02			20.5	0.0	
180	QPSK	1	231	19.27					
180	QPSK	180	0	19.76			20.5	0.0	
180	QPSK	180	46	19.67			20.5	0.0	
180	QPSK	180	138	19.88			20.5	0.0	
180	QPSK	270	0	19.74			20.5	0.0	
180	HCQAM	1	1	19.87			20.5	0.0	
180	HCQAM	1	1	19.84			20.5	0.0	
180	HCQAM	1	1	19.87			19.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.89	19.91	19.87	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.81	19.86	19.77	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.71	19.76	19.83	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.89	19.84	19.89	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.80	19.81	19.81	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.83	19.83	19.80	20.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.84	19.88	19.81	20.5	0.0	

Part27Q n78_FCC_Ant 4(DS14)									
SR ID#	Modulation	RF Size	RF Offset	Power Level Ch. / Power	Power Margin Ch. / Power	Power Margin Ch. / Power	Turn-up time (min)	EMF (dB)	
Channel									
Frequency (MHz)									
180	P12 BPSK	1	1	19.77					
180	P12 BPSK	1	137	17.68			19.0	0.0	
180	P12 BPSK	1	231	17.52					
180	P12 BPSK	180	0	17.61			19.0	0.0	
180	P12 BPSK	180	46	17.68			19.0	0.0	
180	P12 BPSK	180	138	17.55			19.0	0.0	
180	P12 BPSK	270	0	17.78			19.0	0.0	
180	QPSK	1	1	18.74					
180	QPSK	1	137	17.62			19.0	0.0	
180	QPSK	1	231	17.23					
180	QPSK	180	0	17.55			19.0	0.0	
180	QPSK	180	46	17.66			19.0	0.0	
180	QPSK	180	138	17.68			19.0	0.0	
180	QPSK	270	0	17.73			19.0	0.0	
180	HCQAM	1	1	17.82			19.0	0.0	
180	HCQAM	1	1	17.81			19.0	0.0	
180	HCQAM	1	1	17.81			19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.85	19.79	19.87	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.70	19.80	19.72	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.84	19.80	19.78	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.85	19.78	19.79	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.82	19.83	19.74	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.86	19.73	19.77	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.83	19.80	19.84	19.0	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	19.82	19.82	19.80	19.0	0.0	

Part27O n78_FCC_Ant 4(DS14)									
SR ID#	Modulation	RF Size	RF Offset	Power Level Ch. / Power	Power Margin Ch. / Power	Power Margin Ch. / Power	Turn-up time (min)	EMF (dB)	
Channel									
Frequency (MHz)									
180	P12 BPSK	1	1	17.74					
180	P12 BPSK	1	137	18.27			19.0	0.0	
180	P12 BPSK	1	231	17.50					
180	P12 BPSK	180	0	17.60			19.0	0.0	
180	P12 BPSK	180	46	18.25			19.0	0.0	
180	P12 BPSK	180	138	17.55			19.0	0.0	
180	P12 BPSK	270	0	18.11			19.0	0.0	
180	QPSK	1	1	17.71					
180	QPSK	1	137	18.10			19.0	0.0	
180	QPSK	1	231	17.53					
180	QPSK	180	0	17.60			19.0	0.0	
180	QPSK	180	46	18.10			19.0	0.0	
180	QPSK	180	138	17.63			19.0	0.0	



Part27Q n78_FCC_Ant 6(DS14)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Monitor Ch. / Freq.	Power Ramp Ch. / Freq.	Turn-up time (min)	MPL (dB)	
Channel									
Frequency (MHz)									
100	PIC BPSK	1	1	16.67					
100	PIC BPSK	1	137	17.18			18.0	0.0	
100	PIC BPSK	1	241	16.67					
100	PIC BPSK	136	0	17.28			18.0	0.0	
100	PIC BPSK	136	86	17.13			18.0	0.0	
100	PIC BPSK	136	136	17.13			18.0	0.0	
100	PIC BPSK	270	0	17.05			18.0	0.0	
100	QPSK	1	1	16.43					
100	QPSK	1	137	17.27			18.0	0.0	
100	QPSK	1	241	16.73					
100	QPSK	136	0	16.82			18.0	0.0	
100	QPSK	136	86	17.04			18.0	0.0	
100	QPSK	136	136	17.21			18.0	0.0	
100	QPSK	270	0	17.05			18.0	0.0	
100	MSK4M	1	1	16.82			18.0	0.0	
100	MSK4M	1	1	16.32			18.0	0.0	
100	MSK4M	1	1	16.82			18.0	0.0	
Channel									
Frequency (MHz)				830500	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.43	16.47	16.63	18.0	0.0	
Channel									
Frequency (MHz)				3400.02	3400.01	3400.01	18.0	0.0	
80	PIC BPSK	1	1	16.45	16.36	16.42	18.0	0.0	
Channel									
Frequency (MHz)				3470.01	3470.00	3470.00	18.0	0.0	
70	PIC BPSK	1	1	16.36	16.30	16.32	18.0	0.0	
Channel									
Frequency (MHz)				830500	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.48	16.44	16.34	18.0	0.0	
Channel									
Frequency (MHz)				3470.02	3470.01	3470.01	18.0	0.0	
90	PIC BPSK	1	1	16.47	16.40	16.40	18.0	0.0	
Channel									
Frequency (MHz)				830500	830300	830800	Turn-up time (min)	MPL (dB)	
40	PIC BPSK	1	1	16.43	16.38	16.37	18.0	0.0	
Channel									
Frequency (MHz)				830500	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.48	16.41	16.37	18.0	0.0	
Channel									
Frequency (MHz)				830500	830300	830800	Turn-up time (min)	MPL (dB)	
20	PIC BPSK	1	1	16.43	16.41	16.32	18.0	0.0	

Part27O n78_FCC_Ant 6(DS14)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Monitor Ch. / Freq.	Power Ramp Ch. / Freq.	Turn-up time (min)	MPL (dB)	
Channel									
100	PIC BPSK	1	1	16.85					
100	PIC BPSK	1	137	17.13			18.0	0.0	
100	PIC BPSK	1	241	16.52					
100	PIC BPSK	136	0	17.07			18.0	0.0	
100	PIC BPSK	136	86	17.18			18.0	0.0	
100	PIC BPSK	136	136	17.05			18.0	0.0	
100	PIC BPSK	270	0	17.04			18.0	0.0	
100	QPSK	1	1	16.35					
100	QPSK	1	137	17.23			18.0	0.0	
100	QPSK	1	241	16.71					
100	QPSK	136	0	16.87			18.0	0.0	
100	QPSK	136	86	17.08			18.0	0.0	
100	QPSK	136	136	16.95			18.0	0.0	
100	QPSK	270	0	16.95			18.0	0.0	
100	MSK4M	1	1	16.85			18.0	0.0	
100	MSK4M	1	1	16.40			18.0	0.0	
100	MSK4M	1	1	16.85			18.0	0.0	
Channel									
Frequency (MHz)				840000	839800	840300	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.36	16.30	16.34	18.0	0.0	
Channel									
Frequency (MHz)				3470.01	3470.00	3470.00	18.0	0.0	
80	PIC BPSK	1	1	16.38	16.30	16.34	18.0	0.0	
Channel									
Frequency (MHz)				3470.01	3470.00	3470.00	18.0	0.0	
70	PIC BPSK	1	1	16.44	16.30	16.40	18.0	0.0	
Channel									
Frequency (MHz)				840000	839800	840300	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.48	16.38	16.34	18.0	0.0	
Channel									
Frequency (MHz)				3470.01	3470.00	3470.00	18.0	0.0	
90	PIC BPSK	1	1	16.48	16.40	16.34	18.0	0.0	
Channel									
Frequency (MHz)				840000	839800	840300	Turn-up time (min)	MPL (dB)	
40	PIC BPSK	1	1	16.43	16.41	16.34	18.0	0.0	
Channel									
Frequency (MHz)				840000	839800	840300	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	16.39	16.44	16.34	18.0	0.0	
Channel									
Frequency (MHz)				840000	839800	840300	Turn-up time (min)	MPL (dB)	
20	PIC BPSK	1	1	16.40	16.40	16.31	18.0	0.0	

Part27Q n78_FCC_Ant 11(DS14)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Monitor Ch. / Freq.	Power Ramp Ch. / Freq.	Turn-up time (min)	MPL (dB)	
Channel									
100	PIC BPSK	1	1	13.12					
100	PIC BPSK	1	137	13.06			14.5	0.0	
100	PIC BPSK	1	241	13.23					
100	PIC BPSK	136	0	13.48			14.5	0.0	
100	PIC BPSK	136	86	13.54			14.5	0.0	
100	PIC BPSK	136	136	13.45			14.5	0.0	
100	PIC BPSK	270	0	13.42			14.5	0.0	
100	QPSK	1	1	13.10					
100	QPSK	1	137	13.48			14.5	0.0	
100	QPSK	1	241	13.23					
100	QPSK	136	0	13.22			14.5	0.0	
100	QPSK	136	86	13.41			14.5	0.0	
100	QPSK	136	136	13.39			14.5	0.0	
100	QPSK	270	0	13.26			14.5	0.0	
100	MSK4M	1	1	13.26			14.5	0.0	
100	MSK4M	1	1	12.81			14.5	0.0	
100	MSK4M	1	1	12.84			14.5	0.0	
Channel									
Frequency (MHz)				830000	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	13.16	13.12	13.28	14.5	0.0	
Channel									
Frequency (MHz)				3400.01	3400.01	3400.01	14.5	0.0	
80	PIC BPSK	1	1	13.16	13.06	13.22	14.5	0.0	
Channel									
Frequency (MHz)				3400.01	3400.01	3400.01	14.5	0.0	
70	PIC BPSK	1	1	13.09	12.90	13.17	14.5	0.0	
Channel									
Frequency (MHz)				830000	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	13.12	13.07	13.23	14.5	0.0	
Channel									
Frequency (MHz)				3400.01	3400.01	3400.01	14.5	0.0	
90	PIC BPSK	1	1	13.17	13.10	13.29	14.5	0.0	
Channel									
Frequency (MHz)				3400.01	3400.01	3400.01	14.5	0.0	
40	PIC BPSK	1	1	13.16	13.10	13.26	14.5	0.0	
Channel									
Frequency (MHz)				830000	830300	830800	Turn-up time (min)	MPL (dB)	
30	PIC BPSK	1	1	13.08	13.13	13.20	14.5	0.0	
Channel									
Frequency (MHz)				830000	830300	830800	Turn-up time (min)	MPL (dB)	
20	PIC BPSK	1	1	13.16	13.09	13.31	14.5	0.0	

Part27O n78_FCC_Ant 11(DS14)									
SV (MHz)	Modulation	RIS Size	RIS Offset	Power Line Ch. / Freq.	Power Monitor Ch. / Freq.	Power Ramp Ch. / Freq.	Turn-up time (min)	MPL (dB)	
Channel									
100	PIC BPSK	1	1	13.05					
100	PIC BPSK	1	137	13.02			14.5	0.0	
100	PIC BPSK	1	241	13.22					
100	PIC BPSK	136	0	13.27			14.5	0.0	
100	PIC BPSK	136	86	13.35			14.5	0.0	
100</									



Conducted Power for 5G NR SA

n5_Ant 0(Default)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 166800	Power Middle Ch. 1 Freq. 167300	Power High Ch. 1 Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839			
20	Pl2 BPSK	1	1	24.41	24.44	24.43	25.5	0.0	
20	Pl2 BPSK	1	53	24.39	24.62	24.61			
20	Pl2 BPSK	1	104	24.42	24.45	24.44			
20	Pl2 BPSK	50	0	24.57	24.52	24.51	25.0	0.5	
20	Pl2 BPSK	50	28	24.58	24.59	24.58	25.5	0.0	
20	Pl2 BPSK	50	56	24.53	24.56	24.55	25.0	0.5	
20	Pl2 BPSK	100	0	24.57	24.60	24.59			
20	QPSK	1	1	24.35	24.38	24.37			
20	QPSK	1	53	24.50	24.53	24.52	25.5	0.0	
20	QPSK	1	104	24.33	24.36	24.35	24.5	1.0	
20	QPSK	50	0	24.52	24.55	24.54			
20	QPSK	50	28	24.45	24.48	24.47			
20	QPSK	50	56	24.43	24.46	24.45	24.5	1.0	
20	QPSK	100	0	24.47	24.50	24.49	24.5	1.0	
20	16QAM	1	1	23.07	23.10	23.09			
20	64QAM	1	1	21.89	21.72	21.61	23.0	2.5	
20	256QAM	1	1	21.19	20.21	20.21	21.0	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5			
15	Pl2 BPSK	1	1	24.41	24.52	24.39	25.5	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				829	836.5	844			
10	Pl2 BPSK	1	1	24.55	24.52	24.45	25.5	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				826.5	836.5	846.5			
5	Pl2 BPSK	1	1	24.44	24.51	24.53	25.5	0.0	

n5_Ant 2(Default)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 166800	Power Middle Ch. 1 Freq. 167300	Power High Ch. 1 Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel				834	836.5	839			
20	Pl2 BPSK	1	1	23.72	23.79	23.82	25.0	0.0	
20	Pl2 BPSK	1	53	23.83	23.97	23.90			
20	Pl2 BPSK	1	104	23.81	23.83	23.70			
20	Pl2 BPSK	50	0	23.33	23.42	23.27	24.5	0.5	
20	Pl2 BPSK	50	28	23.83	23.90	23.83	25.0	0.0	
20	Pl2 BPSK	50	56	23.39	23.40	23.27	24.5	0.5	
20	Pl2 BPSK	100	0	23.35	23.41	23.30			
20	QPSK	1	1	23.70	23.74	23.65			
20	QPSK	1	53	23.76	23.85	23.81	25.0	0.0	
20	QPSK	1	104	23.70	23.71	23.61	24.0	1.0	
20	QPSK	50	0	22.82	22.86	22.74			
20	QPSK	50	28	23.74	23.77	23.76			
20	QPSK	50	56	22.81	22.86	22.74	24.0	1.0	
20	QPSK	100	0	22.71	22.85	22.71	24.0	1.0	
20	16QAM	1	1	22.19	22.31	22.22			
20	64QAM	1	1	20.91	20.98	20.87	22.5	2.5	
20	256QAM	1	1	19.38	19.42	19.29	20.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5			
15	Pl2 BPSK	1	1	23.64	23.73	23.72	25.0	0.0	
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR	
Frequency (MHz)				829	836.5	844			
10	Pl2 BPSK	1	1	23.70	23.78	23.80	25.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR	
Frequency (MHz)				826.5	836.5	846.5			
5	Pl2 BPSK	1	1	23.69	23.74	23.72	25.0	0.0	

n7_Ant 0(Default)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq. 505000	Power Middle Ch. 1 Freq. 507000	Power High Ch. 1 Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel				2525	2535	2545			
Frequency (MHz)				2525	2535	2545			
50	Pl2 BPSK	1	1	23.37	23.42	23.38	24.5	0.0	
50	Pl2 BPSK	1	135	23.60	23.66	23.77			
50	Pl2 BPSK	1	268	23.48	23.58	23.57			
50	Pl2 BPSK	135	0	23.03	23.05	23.16	24.0	0.5	
50	Pl2 BPSK	135	68	23.72	23.70	23.76	24.5	0.0	
50	Pl2 BPSK	135	135	23.20	23.23	23.14	24.0	0.5	
50	Pl2 BPSK	270	0	23.14	23.09	23.23			
50	QPSK	1	1	23.12	23.22	23.16			
50	QPSK	1	135	23.48	23.62	23.61	24.5	0.0	
50	QPSK	1	268	23.40	23.56	23.41	22.40	1.0	
50	QPSK	135	0	22.47	22.51	22.40			
50	QPSK	135	68	23.63	23.73	23.67			
50	QPSK	135	135	22.85	22.72	22.86	23.5	1.0	
50	QPSK	270	0	22.52	22.56	22.54	22.0	2.5	
50	16QAM	1	1	21.85	22.02	22.01			
50	64QAM	1	1	20.32	20.44	20.36	22.0	2.5	
50	256QAM	1	1	19.20	19.22	19.15	20.0	4.5	
Channel				506000	507000	508000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2520	2535	2550			
40	Pl2 BPSK	1	1	23.36	23.30	23.28	24.5	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555			
30	Pl2 BPSK	1	1	23.35	23.34	23.34	24.5	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5			
25	Pl2 BPSK	1	1	23.32	23.34	23.31	24.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560			
20	Pl2 BPSK	1	1	23.23	23.39	23.26	24.5	0.0	
Channel				501000	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5			
15	Pl2 BPSK	1	1	23.32	23.36	23.30	24.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565			
10	Pl2 BPSK	1	1	23.35	23.33	23.33	24.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5			
5	Pl2 BPSK	1	1	23.32	23.36	23.28	24.5	0.0	

n7_Ant 1(Default)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. L Freq 505000	Power Middle Ch. F Freq 507000	Power High Ch. H Freq 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	25.0	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	23.89	24.00	24.02		
50	PI2 BPSK	1	135	24.12	24.33	24.35		
50	PI2 BPSK	1	268	23.98	24.11	24.14	24.5	0.5
50	PI2 BPSK	135	0	23.85	23.76	23.80		
50	PI2 BPSK	135	68	24.06	24.13	24.18		
50	PI2 BPSK	135	135	23.76	23.89	23.94		
50	PI2 BPSK	270	0	23.69	23.75	23.80	24.5	0.5
50	QPSK	1	1	23.83	24.05	24.10		
50	QPSK	1	135	24.12	24.33	24.25		
50	QPSK	1	268	23.86	24.09	24.11		
50	QPSK	135	0	23.05	23.16	23.19	24.0	1.0
50	QPSK	135	68	24.22	24.31	24.33		
50	QPSK	135	135	22.98	23.09	23.14		
50	QPSK	270	0	22.76	22.88	22.90		
50	16QAM	1	1	22.37	22.55	22.58	24.0	1.0
50	16QAM	1	1	20.98	21.05	21.13		
50	256QAM	1	1	19.55	19.60	19.73		
50	256QAM	1	1	19.55	19.60	19.73		
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2500	2535	2560	(dBm)	(dB)
40	PI2 BPSK	1	1	23.90	24.04	24.12	25.0	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	PI2 BPSK	1	1	23.17	23.94	24.07	25.0	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	PI2 BPSK	1	1	23.90	24.01	24.13	25.0	0.0
Channel				510100	510100	510100	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI2 BPSK	1	1	23.80	23.89	24.09	25.0	0.0
Channel				507500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	PI2 BPSK	1	1	23.79	23.95	24.07	25.0	0.0
Channel				507000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	PI2 BPSK	1	1	23.91	24.10	24.22	25.0	0.0
Channel				506500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	PI2 BPSK	1	1	23.79	24.02	24.09	25.0	0.0

n7_Ant 3(Default)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. L Freq 505000	Power Middle Ch. F Freq 507000	Power High Ch. H Freq 509000	Tune-up limit (dBm)	MPR (dB)
Channel				2525	2535	2545	24.5	0.0
Frequency (MHz)				2525	2535	2545		
50	PI2 BPSK	1	1	23.98	24.42	23.26		
50	PI2 BPSK	1	135	23.60	23.69	23.76		
50	PI2 BPSK	1	268	23.37	23.38	23.28	24.0	0.5
50	PI2 BPSK	135	0	23.02	23.05	23.01		
50	PI2 BPSK	135	68	23.51	23.65	23.71		
50	PI2 BPSK	135	135	22.79	22.92	22.82		
50	PI2 BPSK	270	0	22.75	22.80	22.86	24.0	0.5
50	QPSK	1	1	23.25	23.36	23.32		
50	QPSK	1	135	23.35	23.42	23.36		
50	QPSK	1	268	23.17	23.21	23.20		
50	QPSK	135	0	22.43	22.52	22.44	23.5	1.0
50	QPSK	135	68	23.48	23.56	23.52		
50	QPSK	135	135	22.30	22.41	22.34		
50	QPSK	270	0	22.26	22.41	22.28		
50	16QAM	1	1	22.04	22.11	22.02	22.0	2.5
50	16QAM	1	1	20.53	20.56	20.52		
50	256QAM	1	1	19.17	19.31	19.20		
50	256QAM	1	1	19.17	19.31	19.20		
Channel				504000	507000	510000	Tune-up limit	MPR
Frequency (MHz)				2500	2535	2560	(dBm)	(dB)
40	PI2 BPSK	1	1	23.44	23.35	23.24	24.5	0.0
Channel				503000	507000	511000	Tune-up limit	MPR
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)
30	PI2 BPSK	1	1	23.15	23.30	23.22	24.5	0.0
Channel				502500	507000	511500	Tune-up limit	MPR
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)
25	PI2 BPSK	1	1	23.56	23.36	23.22	24.5	0.0
Channel				510100	510100	510100	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI2 BPSK	1	1	23.44	23.31	23.12	24.5	0.0
Channel				507500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	PI2 BPSK	1	1	23.54	23.27	23.21	24.5	0.0
Channel				507000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	PI2 BPSK	1	1	23.47	23.32	23.16	24.5	0.0
Channel				506500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	PI2 BPSK	1	1	23.96	23.40	23.21	24.5	0.0



n7_Ant 5(Default)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50000	Power Middle Ch. / Freq. 50700	Power High Ch. / Freq. 50900	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.02	23.95	23.88	25.0	0.0	
50	PI2 BPSK	1	135	24.18	24.22	24.30			
50	PI2 BPSK	1	268	23.92	23.89	23.80			
50	PI2 BPSK	135	0	23.80	23.74	23.65	24.5	0.5	
50	PI2 BPSK	135	68	24.10	24.13	24.17	25.0	0.0	
50	PI2 BPSK	135	135	23.81	23.72	23.68	24.5	0.5	
50	PI2 BPSK	270	0	23.59	23.62	23.64	24.0		
50	QPSK	1	1	23.85	23.82	23.80	25.0	0.0	
50	QPSK	1	135	24.15	24.12	24.07			
50	QPSK	1	268	23.80	23.75	23.70			
50	QPSK	135	0	23.12	23.08	23.03	24.0	1.0	
50	QPSK	135	68	24.25	24.23	24.15	25.0	0.0	
50	QPSK	135	135	23.17	23.12	23.08	24.0	1.0	
50	QPSK	270	0	23.10	23.04	23.01	24.0	1.0	
50	16QAM	1	1	22.52	22.47	22.42	24.0	1.0	
50	64QAM	1	1	21.09	21.02	21.00	22.5	2.5	
50	256QAM	1	1	19.87	19.75	19.70	20.5	4.5	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	23.78	23.55	23.61	25.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	23.99	23.83	23.73	25.0	0.0	
Channel									
Frequency (MHz)									
25	PI2 BPSK	1	1	24.12	23.87	23.80	25.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	23.98	23.88	23.82	25.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	23.95	23.78	23.76	25.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.92	23.83	23.79	25.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	23.88	23.84	23.78	25.0	0.0	

n66_Ant 0(Default)											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 346000	Power Middle Ch. / Freq. 349000	Power High Ch. / Freq. 35000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	PI2 BPSK	1	1	22.23	22.34	22.14	24.0	0.0			
40	PI2 BPSK	1	108	22.64	22.78	22.68					
40	PI2 BPSK	1	214	22.21	22.31	22.22					
40	PI2 BPSK	108	0	22.82	22.83	22.41	23.5	0.5	0.0		
40	PI2 BPSK	108	54	22.64	22.67	22.59	24.0				
40	PI2 BPSK	108	108	22.41	22.62	22.51					
40	PI2 BPSK	216	0	22.50	22.56	22.46	23.5	0.5	0.5		
40	QPSK	1	1	22.27	22.42	22.40					
40	QPSK	1	108	22.56	22.68	22.61	24.0	0.0	0.0		
40	QPSK	1	214	22.15	22.32	22.29					
40	QPSK	108	0	21.87	21.97	21.94	23.0	1.0	1.0		
40	QPSK	108	54	22.45	22.65	22.45	24.0				
40	QPSK	108	108	21.92	21.99	21.84	23.0	1.0	1.0		
40	QPSK	216	0	21.87	21.97	21.88					
40	16QAM	1	1	21.14	21.31	21.28	23.0	1.0	1.0		
40	64QAM	1	1	19.78	19.84	19.64	21.5				
40	256QAM	1	1	18.33	18.43	18.30	19.5				
Channel											
Frequency (MHz)											
30	PI2 BPSK	1	1	22.10	22.33	22.07	24.0	0.0	MPR (dB)		
Channel											
Frequency (MHz)											
20	PI2 BPSK	1	1	22.08	22.33	21.87	24.0	0.0	MPR (dB)		
Channel											
Frequency (MHz)											
15	PI2 BPSK	1	1	22.13	22.25	22.10	24.0	0.0	MPR (dB)		
Channel											
Frequency (MHz)											
10	PI2 BPSK	1	1	22.08	22.31	22.10	24.0	0.0	MPR (dB)		
Channel											
Frequency (MHz)											
5	PI2 BPSK	1	1	22.09	22.34	21.94	24.0				

n66_Ant 1(Default)											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 346000	Power Middle Ch. / Freq. 349000	Power High Ch. / Freq. 350000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	PI2 BPSK	1	1	23.09	23.17	23.13		24.5	0.0		
40	PI2 BPSK	1	108	23.74	23.79	23.70					
40	PI2 BPSK	1	214	23.03	23.14	23.01					
40	PI2 BPSK	108	0	23.00	23.08	22.90	24.0	0.5	0.0		
40	PI2 BPSK	108	54	23.56	23.74	23.67	24.5				
40	PI2 BPSK	108	108	22.90	22.97	22.79	24.0				
40	PI2 BPSK	216	0	22.81	22.98	22.78	24.0	0.5	0.0		
40	QPSK	1	1	22.98	23.05	23.03					
40	QPSK	1	108	23.57	23.69	23.63	24.5	0.0	0.0		
40	QPSK	1	214	22.95	23.07	22.98					
40	QPSK	108	0	22.35	22.42	22.38	23.5	1.0	0.0		
40	QPSK	108	54	23.52	23.67	23.61	24.5				
40	QPSK	108	108	22.36	22.54	22.51	23.5	1.0	0.0		
40	QPSK	216	0	22.40	22.48	22.42					
40	16QAM	1	1	21.62	21.75	21.68	23.5	1.0	0.0		
40	64QAM	1	1	20.13	20.31	20.11	22.0				
40	256QAM	1	1	18.85	18.96	18.89	20.0				
Channel											
Frequency (MHz)											
30	PI2 BPSK	1	1	23.04	23.15	23.11	24.5	0.0	0.0		
Channel											
Frequency (MHz)											
20	PI2 BPSK	1	1	22.97	23.04	23.11	24.5	0.0	0.0		
Channel											
Frequency (MHz)											
15	PI2 BPSK	1	1	22.82	23.14	23.08	24.5	0.0	0.0		
Channel											
Frequency (MHz)											
10	PI2 BPSK	1	1	23.03	23.14	23.12	24.5	0.0	0.0		
Channel											
Frequency (MHz)											
5	PI2 BPSK	1	1	23.00	23.09	23.08	24.5				

n66_Ant 3(Default)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 345000	Power Middle Ch. / Freq 349000	Power High Ch. / Freq 353000	Tune-up limit (dBm)	MPR (dB)
Channel				1790	1745	1760	24.5	0.0
Frequency (MHz)				22.71	22.89	22.88		
40	PI2 BPSK	1	1	22.71	22.89	22.88		
40	PI2 BPSK	1	108	23.47	23.58	23.53	24.5	0.0
40	PI2 BPSK	1	214	22.88	22.97	22.90		
40	PI2 BPSK	108	0	22.73	22.78	22.73		
40	PI2 BPSK	108	54	23.50	23.54	23.47	24.5	0.0
40	PI2 BPSK	108	108	22.71	22.72	22.53	24.0	0.5
40	PI2 BPSK	216	0	22.84	22.82	22.82		
40	QPSK	1	1	22.71	22.82	22.72		
40	QPSK	1	108	23.39	23.51	23.31	24.5	0.0
40	QPSK	1	214	22.81	22.90	22.72		
40	QPSK	108	0	22.17	22.21	22.15		
40	QPSK	108	54	23.25	23.39	23.30	24.5	0.0
40	QPSK	108	108	22.14	22.21	22.03	23.5	1.0
40	QPSK	216	0	22.21	22.25	22.08	23.5	1.0
40	16QAM	1	1	21.43	21.53	21.47	23.5	1.0
40	64QAM	1	1	19.97	20.12	20.08	22.0	2.5
40	256QAM	1	1	18.57	18.71	18.64	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765	24.5	0.0
30	PI2 BPSK	1	1	22.99	22.95	23.06		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	PI2 BPSK	1	1	22.97	22.98	23.09		
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0
15	PI2 BPSK	1	1	22.93	22.97	23.14		
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	PI2 BPSK	1	1	23.01	23.01	23.12		
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1772.5	24.5	0.0
5	PI2 BPSK	1	1	23.01	22.99	23.11		

n66_Ant 5(Default)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq 345000	Power Middle Ch. / Freq 349000	Power High Ch. / Freq 353000	Tune-up limit (dBm)	MPR (dB)
Channel				1790	1745	1760	24.5	0.0
Frequency (MHz)				23.24	23.23	23.35		
40	PI2 BPSK	1	1	23.24	23.23	23.35		
40	PI2 BPSK	1	108	23.97	24.05	24.02	24.5	0.0
40	PI2 BPSK	1	214	23.38	23.34	23.39		
40	PI2 BPSK	108	0	23.20	23.33	23.38		
40	PI2 BPSK	108	54	23.95	23.99	23.98	24.5	0.0
40	PI2 BPSK	108	108	23.24	23.29	23.37	24.0	0.5
40	PI2 BPSK	216	0	23.33	23.57	23.47		
40	QPSK	1	1	23.22	23.24	23.27		
40	QPSK	1	108	23.91	23.90	23.91	24.5	0.0
40	QPSK	1	214	23.28	23.28	23.28		
40	QPSK	108	0	22.65	22.70	22.85		
40	QPSK	108	54	23.84	23.86	23.83	24.5	0.0
40	QPSK	108	108	22.72	22.76	22.76	23.5	1.0
40	QPSK	216	0	22.72	22.82	22.87	23.5	1.0
40	16QAM	1	1	21.99	21.96	22.04	23.5	1.0
40	64QAM	1	1	20.51	20.57	20.61	22.0	2.5
40	256QAM	1	1	19.04	19.13	19.23	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765	24.5	0.0
30	PI2 BPSK	1	1	23.02	23.10	23.16		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1720	1745	1770	24.5	0.0
20	PI2 BPSK	1	1	23.25	23.13	23.29		
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0
15	PI2 BPSK	1	1	23.18	23.38	23.31		
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775	24.5	0.0
10	PI2 BPSK	1	1	23.30	23.22	23.19		
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1772.5	24.5	0.0
5	PI2 BPSK	1	1	23.18	23.25	23.30		



n5_Ant 0(DSI0)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				166.8	167.3	167.8			
20	Pl2 BPSK	1	1	24.41	24.44	24.43	25.5	0.0	
20	Pl2 BPSK	1	53	24.59	24.62	24.61			
20	Pl2 BPSK	1	104	24.42	24.45	24.44			
20	Pl2 BPSK	50	0	24.57	24.52	24.51	25.0	0.5	
20	Pl2 BPSK	50	28	24.58	24.59	24.58	25.5	0.0	
20	Pl2 BPSK	50	56	24.53	24.56	24.55	25.0	0.5	
20	Pl2 BPSK	100	0	24.57	24.60	24.59	25.0		
20	QPSK	1	1	24.35	24.38	24.37	25.5	0.0	
20	QPSK	1	53	24.50	24.53	24.52			
20	QPSK	1	104	24.33	24.36	24.35			
20	QPSK	50	0	24.52	24.55	24.54	24.5	1.0	
20	QPSK	50	28	24.45	24.48	24.47	25.5	0.0	
20	QPSK	50	56	24.43	24.46	24.45	24.5	1.0	
20	QPSK	100	0	24.47	24.50	24.49			
20	16QAM	1	1	23.07	23.10	23.09	24.5	1.0	
20	64QAM	1	1	21.89	21.72	21.61	23.0	2.5	
20	256QAM	1	1	21.19	20.21	20.21	21.0	4.5	
Channel				166.800	167.300	168.300	Tune-up limit	MPR	
Frequency (MHz)				166.8	167.3	168.3	(dBm)	(dB)	
15	Pl2 BPSK	1	1	24.41	24.52	24.39	25.5	0.0	
Channel				166800	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				166.8	167.3	168.3	(dBm)	(dB)	
10	Pl2 BPSK	1	1	24.50	24.52	24.45	25.5	0.0	
Channel				166900	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				166.9	167.3	169.3	(dBm)	(dB)	
5	Pl2 BPSK	1	1	24.44	24.51	24.53	25.5	0.0	

n5_Ant 2(DSI0)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				834	836.5	839			
20	Pl2 BPSK	1	1	20.84	20.68	20.75	22.0	0.0	
20	Pl2 BPSK	1	53	20.91	20.97	20.95			
20	Pl2 BPSK	1	104	20.82	20.81	20.74			
20	Pl2 BPSK	50	0	20.77	20.88	20.72	22.0	0.0	
20	Pl2 BPSK	50	28	20.83	20.91	20.83	22.0	0.0	
20	Pl2 BPSK	50	56	20.82	20.89	20.75	22.0	0.0	
20	Pl2 BPSK	100	0	20.86	20.91	20.80	22.0		
20	QPSK	1	1	20.64	20.69	20.62	22.0	0.0	
20	QPSK	1	53	20.82	20.90	20.84			
20	QPSK	1	104	20.70	20.71	20.62			
20	QPSK	50	0	20.80	20.82	20.68	22.0	0.0	
20	QPSK	50	28	20.85	20.89	20.86	22.0	0.0	
20	QPSK	50	56	20.59	20.66	20.56	22.0	0.0	
20	QPSK	100	0	20.76	20.89	20.75			
20	16QAM	1	1	20.31	20.38	20.34	22.0	0.0	
20	64QAM	1	1	20.42	20.46	20.39	22.0	0.0	
20	256QAM	1	1	19.39	19.43	19.31	20.5	1.5	
Channel				166.800	167.300	168.300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				833.5	836.5	841.5			
15	Pl2 BPSK	1	1	20.68	20.71	20.70	22.0	0.0	
Channel				166.800	167.300	168.300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	Pl2 BPSK	1	1	20.73	20.76	20.71	22.0	0.0	
Channel				166.800	167.300	169.300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				805.5	836.5	866.5			
5	Pl2 BPSK	1	1	20.84	20.92	20.85	22.0	0.0	

n7_Ant 0(DSI0)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				505.0	507.0	509.0			
50	Pl2 BPSK	1	1	23.37	23.42	23.38	24.5	0.0	
50	Pl2 BPSK	1	135	23.69	23.66	23.77			
50	Pl2 BPSK	1	268	23.49	23.58	23.57			
50	Pl2 BPSK	135	0	23.03	23.05	23.16	24.0	0.5	
50	Pl2 BPSK	135	68	23.72	23.70	23.76	24.5	0.0	
50	Pl2 BPSK	135	135	23.20	23.23	23.14	24.0	0.5	
50	Pl2 BPSK	270	0	23.14	23.09	23.23	24.5	0.0	
50	QPSK	1	1	23.12	23.22	23.16			
50	QPSK	1	135	23.48	23.62	23.61			
50	QPSK	1	268	23.40	23.55	23.41	23.5	1.0	
50	QPSK	135	0	22.47	22.51	22.40			
50	QPSK	135	68	23.63	23.73	23.67	24.5	0.0	
50	QPSK	135	135	22.65	22.72	22.66	23.5	1.0	
50	QPSK	270	0	22.52	22.56	22.54			
50	16QAM	1	1	21.95	22.02	22.01	23.5	1.0	
50	64QAM	1	1	20.32	20.44	20.36	22.0	2.5	
50	256QAM	1	1	19.28	19.22	19.15	20.0	4.5	
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
40	Pl2 BPSK	1	1	23.36	23.30	23.28	24.5	0.0	
Channel				505000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
30	Pl2 BPSK	1	1	23.35	23.35	23.35	24.5	0.0	
Channel				505000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
25	Pl2 BPSK	1	1	23.32	23.34	23.31	24.5	0.0	
Channel				505000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
20	Pl2 BPSK	1	1	23.23	23.39	23.26	24.5	0.0	
Channel				511000	512000	512500	Tune-up limit (dBm)	MPR (dB)	
15	Pl2 BPSK	1	1	23.32	23.36	23.30	24.5	0.0	
Channel				511000	512000	513000	Tune-up limit (dBm)	MPR (dB)	
10	Pl2 BPSK	1	1	23.35	23.33	23.33	24.5	0.0	
Channel				511000	512000	513500	Tune-up limit (dBm)	MPR (dB)	
5	Pl2 BPSK	1	1	23.32	23.36	23.26	24.5	0.0	

n7_Ant 1(DSI0)							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	
Channel				505000	507000	509000	
Frequency [MHz]				2525	2530	2535	
50	Pl2 BPSK	1	1	23.84	24.00	24.02	
50	Pl2 BPSK	1	135	24.12	24.33	24.35	25.0
50	Pl2 BPSK	1	268	23.98	24.11	24.14	
50	Pl2 BPSK	135	0	23.65	23.76	23.80	24.5
50	Pl2 BPSK	135	68	24.06	24.13	24.18	25.0
50	Pl2 BPSK	135	135	23.78	23.88	23.94	24.5
50	Pl2 BPSK	270	0	23.69	23.75	23.80	24.5
50	QPSK	1	1	23.83	24.05	24.10	
50	QPSK	1	135	24.12	24.33	24.25	25.0
50	QPSK	1	268	23.88	24.09	24.11	
50	QPSK	135	0	23.05	23.16	23.19	24.0
50	QPSK	135	68	24.22	24.31	24.33	25.0
50	QPSK	135	135	22.98	23.09	23.14	24.0
50	QPSK	270	0	22.76	22.88	22.90	24.0
50	16QAM	1	1	22.37	22.55	22.58	24.0
50	64QAM	1	1	20.98	21.05	21.13	22.5
50	256QAM	1	1	19.55	19.60	19.73	20.5
Channel				505000	507000	509000	MPR (dB)
Frequency [MHz]				2500	2535	2550	
40	Pl2 BPSK	1	1	23.90	24.04	24.12	25.0
Channel				508000	507000	511000	MPR (dB)
Frequency [MHz]				2515	2535	2555	
30	Pl2 BPSK	1	1	23.87	23.94	24.07	25.0
Channel				502500	507000	511500	MPR (dB)
Frequency [MHz]				2512.5	2535	2557.5	
25	Pl2 BPSK	1	1	23.90	24.01	24.13	25.0
Channel				502000	507000	512000	MPR (dB)
Frequency [MHz]				2510	2535	2560	
20	Pl2 BPSK	1	1	23.80	23.89	24.09	25.0
Channel				501500	507000	512500	MPR (dB)
Frequency [MHz]				2507.5	2535	2562.5	
15	Pl2 BPSK	1	1	23.79	23.95	24.07	25.0
Channel				501000	507000	513000	MPR (dB)
Frequency [MHz]				2465	2435	2465	
10	Pl2 BPSK	1	1	23.91	24.10	24.22	25.0
Channel				500500	507000	513500	MPR (dB)
Frequency [MHz]				2502.5	2535	2567.5	
5	Pl2 BPSK	1	1	23.79	24.02	24.09	25.0

n7_Ant 3(DSI0)							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	
Channel				505000	507000	509000	
Frequency [MHz]				2525	2530	2535	
50	Pl2 BPSK	1	1	16.40	16.41	16.41	
50	Pl2 BPSK	1	135	16.71	16.69	16.72	17.5
50	Pl2 BPSK	1	268	15.94	15.98	15.94	
50	Pl2 BPSK	135	0	16.35	16.39	16.32	17.5
50	Pl2 BPSK	135	68	16.61	16.60	16.62	17.5
50	Pl2 BPSK	135	135	16.28	16.24	16.24	17.5
50	Pl2 BPSK	270	0	16.43	16.44	16.46	17.5
50	QPSK	1	1	16.34	16.31	16.32	
50	QPSK	1	135	16.60	16.63	16.63	17.5
50	QPSK	1	268	15.85	15.91	15.84	17.5
50	QPSK	135	0	16.25	16.37	16.22	17.5
50	QPSK	135	68	16.59	16.57	16.55	17.5
50	QPSK	135	135	16.20	16.15	16.17	17.5
50	QPSK	270	0	16.37	16.40	16.35	17.5
50	16QAM	1	1	16.30	16.39	16.22	17.5
50	64QAM	1	1	16.31	16.40	16.29	17.5
50	256QAM	1	1	16.28	16.22	16.31	17.5
Channel				505000	507000	510000	MPR (dB)
Frequency [MHz]				2500	2535	2550	
40	Pl2 BPSK	1	1	16.24	16.32	16.37	17.5
Channel				508000	507000	511000	MPR (dB)
Frequency [MHz]				2515	2535	2555	
30	Pl2 BPSK	1	1	16.35	16.29	16.38	17.5
Channel				502500	507000	511500	MPR (dB)
Frequency [MHz]				2512.5	2535	2557.5	
25	Pl2 BPSK	1	1	16.39	16.33	16.35	17.5
Channel				502000	507000	512000	MPR (dB)
Frequency [MHz]				2510	2535	2560	
20	Pl2 BPSK	1	1	16.24	16.30	16.27	17.5
Channel				501500	507000	512500	MPR (dB)
Frequency [MHz]				2507.5	2535	2562.5	
15	Pl2 BPSK	1	1	16.37	16.27	16.38	17.5
Channel				501000	507000	513000	MPR (dB)
Frequency [MHz]				2465	2435	2465	
10	Pl2 BPSK	1	1	16.29	16.28	16.29	17.5
Channel				500500	507000	513500	MPR (dB)
Frequency [MHz]				2502.5	2535	2567.5	
5	Pl2 BPSK	1	1	16.36	16.39	16.36	17.5

n66_Ant 3(DSI0)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1720	1745	1760		
40	Pl2 BPSK	1	1	17.94	17.92	17.94	19.5	0.0
40	Pl2 BPSK	1	108	18.53	18.58	18.54		
40	Pl2 BPSK	1	214	17.91	18.01	18.08		
40	Pl2 BPSK	108	0	18.26	18.32	18.26	19.5	0.0
40	Pl2 BPSK	108	84	18.50	18.56	18.49	19.5	0.0
40	Pl2 BPSK	108	108	18.25	18.28	18.10	19.5	0.0
40	Pl2 BPSK	216	0	18.12	18.32	18.13	19.5	0.0
40	QPSK	1	1	17.87	17.91	17.87	19.5	0.0
40	QPSK	1	108	18.47	18.49	18.48		
40	QPSK	1	214	17.83	17.95	17.93		
40	QPSK	108	0	18.18	18.27	18.24	19.5	0.0
40	QPSK	108	54	18.46	18.49	18.47	19.5	0.0
40	QPSK	108	108	18.26	18.22	18.03	19.5	0.0
40	QPSK	216	0	18.05	18.27	18.02	19.5	0.0
40	16QAM	1	1	18.45	18.40	18.42	19.5	0.0
40	16QAM	1	1	18.47	18.48	18.43	19.5	0.0
40	256QAM	1	1	18.53	18.45	18.56	19.5	0.0
Channel				345000	348000	351000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1725	1745	1765		
30	Pl2 BPSK	1	1	18.12	18.12	18.16	19.5	0.0
Channel				345000	348000	351000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1720	1745	1770		
20	Pl2 BPSK	1	1	18.43	18.41	18.46	19.5	0.0
Channel				343500	346000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1772.5		
15	Pl2 BPSK	1	1	18.48	18.50	18.54	19.5	0.0
Channel				343000	346000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1775		
10	Pl2 BPSK	1	1	18.43	18.45	18.47	19.5	0.0
Channel				342500	345000	345500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	Pl2 BPSK	1	1	18.52	18.53	18.57	19.5	0.0

n66_Ant 5(DSI0)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1720	1745	1760		
40	Pl2 BPSK	1	1	18.18	18.65	18.13	20.0	0.0
40	Pl2 BPSK	1	108	19.42	19.49	19.39		
40	Pl2 BPSK	1	214	18.73	18.75	18.77		
40	Pl2 BPSK	108	0	19.06	19.10	19.11	20.0	0.0
40	Pl2 BPSK	108	84	19.33	19.47	19.39	20.0	0.0
40	Pl2 BPSK	108	108	19.04	19.06	19.04	20.0	0.0
40	Pl2 BPSK	216	0	19.12	19.22	19.17	20.0	0.0
40	QPSK	1	1	19.16	18.83	19.11	20.0	0.0
40	QPSK	1	108	19.35	19.46	19.30		
40	QPSK	1	214	18.64	18.70	18.65		
40	QPSK	108	0	18.96	19.00	19.10	20.0	0.0
40	QPSK	108	54	19.30	19.34	19.30	20.0	0.0
40	QPSK	108	108	18.95	18.99	18.94	20.0	0.0
40	QPSK	216	0	19.02	19.18	19.09	20.0	0.0
40	16QAM	1	1	19.29	19.46	19.28	20.0	0.0
40	16QAM	1	1	19.38	19.30	19.25	20.0	0.0
40	256QAM	1	1	19.28	19.42	19.40	20.0	0.0
Channel				345000	348000	351000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1725	1745	1765		
30	Pl2 BPSK	1	1	18.44	18.24	18.45	20.0	0.0
Channel				345000	348000	351000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1720	1745	1770		
20	Pl2 BPSK	1	1	18.69	18.44	18.55	20.0	0.0
Channel				343500	346000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1772.5		
15	Pl2 BPSK	1	1	18.63	18.51	18.58	20.0	0.0
Channel				343000	346000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1775		
10	Pl2 BPSK	1	1	18.72	18.36	18.49	20.0	0.0
Channel				342500	345000	345500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	Pl2 BPSK	1	1	18.64	18.39	18.56	20.0	0.0



n5_Ant 0(DSI1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				164	164.5	165		
20	Pl2 BPSK	1	1	22.38	22.27	22.24	23.5	0.0
20	Pl2 BPSK	1	53	22.45	22.64	22.51		
20	Pl2 BPSK	1	104	22.40	22.41	22.33		
20	Pl2 BPSK	50	0	22.26	22.11	22.13	23.5	0.0
20	Pl2 BPSK	50	28	22.42	22.61	22.43	23.5	0.0
20	Pl2 BPSK	50	56	22.07	22.19	22.22	23.5	0.0
20	Pl2 BPSK	100	0	22.20	22.32	22.16	23.5	0.0
20	QPSK	1	1	22.30	22.20	22.19	23.5	0.0
20	QPSK	1	53	22.44	22.61	22.47		
20	QPSK	1	104	22.35	22.32	22.25		
20	QPSK	50	0	22.15	22.02	22.11	23.5	0.0
20	QPSK	50	28	22.38	22.53	22.42	23.5	0.0
20	QPSK	50	56	22.05	22.04	22.15	23.5	0.0
20	QPSK	100	0	22.18	22.22	22.05	23.5	0.0
20	16QAM	1	1	22.26	22.15	22.09	23.5	0.0
20	64QAM	1	1	21.77	21.66	21.62	23.0	0.5
20	256QAM	1	1	20.36	20.21	20.14	21.0	2.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	Pl2 BPSK	1	1	22.38	22.36	22.18	23.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				830	836.5	844		
10	Pl2 BPSK	1	1	22.48	22.34	22.28	23.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				828.5	836.5	848.5		
5	Pl2 BPSK	1	1	22.41	22.32	22.34	23.5	0.0

n5_Ant 2(DSI1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 166800	Power Middle Ch. / Freq. 167300	Power High Ch. / Freq. 167800	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				164	164.5	165		
20	Pl2 BPSK	1	1	20.84	20.68	20.75	22.0	0.0
20	Pl2 BPSK	1	53	20.91	20.97	20.95		
20	Pl2 BPSK	1	104	20.82	20.81	20.74		
20	Pl2 BPSK	50	0	20.77	20.88	20.72	22.0	0.0
20	Pl2 BPSK	50	28	20.83	20.91	20.83	22.0	0.0
20	Pl2 BPSK	50	56	20.82	20.88	20.75	22.0	0.0
20	Pl2 BPSK	100	0	20.86	20.91	20.80	22.0	0.0
20	QPSK	1	1	20.64	20.69	20.62	22.0	0.0
20	QPSK	1	53	20.82	20.90	20.84		
20	QPSK	1	104	20.70	20.71	20.62		
20	QPSK	50	0	20.80	20.82	20.68	22.0	0.0
20	QPSK	50	28	20.85	20.89	20.86	22.0	0.0
20	QPSK	50	56	20.59	20.66	20.56	22.0	0.0
20	QPSK	100	0	20.76	20.89	20.75	22.0	0.0
20	16QAM	1	1	20.31	20.38	20.34	22.0	0.0
20	64QAM	1	1	20.42	20.46	20.39	22.0	0.0
20	256QAM	1	1	19.39	19.43	19.31	21.5	1.5
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	Pl2 BPSK	1	1	20.68	20.71	20.70	22.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				830	836.5	844		
10	Pl2 BPSK	1	1	20.73	20.76	20.71	22.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				828.5	836.5	848.5		
5	Pl2 BPSK	1	1	20.84	20.92	20.85	22.0	0.0

n7_Ant 0(DSI1)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				252.5	253.5	254.5		
50	Pl2 BPSK	1	1	21.16	21.23	21.20	22.5	0.0
50	Pl2 BPSK	1	135	21.51	21.48	21.52		
50	Pl2 BPSK	1	268	20.75	20.83	20.75		
50	Pl2 BPSK	135	0	21.17	21.13	21.16	22.5	0.0
50	Pl2 BPSK	135	68	21.43	21.43	21.45	22.5	0.0
50	Pl2 BPSK	135	135	21.09	21.10	21.05	22.5	0.0
50	Pl2 BPSK	270	0	21.27	21.26	21.29	22.5	0.0
50	QPSK	1	1	21.09	21.14	21.15	22.5	0.0
50	QPSK	1	135	21.40	21.41	21.48		
50	QPSK	1	268	20.84	20.72	20.81		
50	QPSK	135	0	21.16	21.11	21.12	22.5	0.0
50	QPSK	135	68	21.33	21.41	21.42	22.5	0.0
50	QPSK	135	135	21.01	20.96	20.99	22.5	0.0
50	QPSK	270	0	21.22	21.22	21.26	22.5	0.0
50	16QAM	1	1	20.84	20.85	20.83	22.5	0.0
50	64QAM	1	1	20.62	20.68	20.75	22.0	0.5
50	256QAM	1	1	19.16	19.14	19.20	20.0	2.5
Channel				505000	507000	510000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2530	2535	2550		
40	Pl2 BPSK	1	1	21.15	21.10	21.13	22.5	0.0
Channel				505000	507000	511000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	Pl2 BPSK	1	1	21.17	21.11	21.17	22.5	0.0
Channel				505000	507000	511500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2522.5	2535	2537.5		
25	Pl2 BPSK	1	1	21.13	21.10	21.15	22.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	Pl2 BPSK	1	1	21.01	21.18	21.09	22.5	0.0
Channel				511000	512000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	Pl2 BPSK	1	1	21.13	21.15	21.17	22.5	0.0
Channel				507000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2496	2535	2565		
10	Pl2 BPSK	1	1	21.15	21.10	21.19	22.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	Pl2 BPSK	1	1	21.11	21.14	21.11	22.5	0.0



n7_Ant 1(DSI1)							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	MPR (dB)
Channel							
Frequency [MHz]				2500	2535	2560	
50	Pl2 BPSK	1	1	16.72	16.75	16.72	0.0
50	Pl2 BPSK	1	135	17.11	17.10	17.12	0.0
50	Pl2 BPSK	1	268	16.38	16.33	16.32	0.0
50	Pl2 BPSK	135	0	16.75	16.72	16.71	0.0
50	Pl2 BPSK	135	68	16.96	17.00	17.02	0.0
50	Pl2 BPSK	135	135	16.64	16.63	16.67	0.0
50	Pl2 BPSK	270	0	16.78	16.80	16.86	0.0
50	QPSK	1	1	16.71	16.72	16.64	0.0
50	QPSK	1	135	17.04	17.05	17.02	18.0
50	QPSK	1	268	16.31	16.26	16.24	0.0
50	QPSK	135	0	16.72	16.66	16.64	0.0
50	QPSK	135	68	16.86	16.99	16.99	0.0
50	QPSK	135	135	16.50	16.57	16.57	0.0
50	QPSK	270	0	16.67	16.75	16.80	0.0
50	16QAM	1	1	16.38	16.45	16.34	0.0
50	64QAM	1	1	16.23	16.30	16.18	0.0
50	256QAM	1	1	14.73	14.83	14.77	0.0
Channel							
Frequency [MHz]				2500	2535	2560	
40	Pl2 BPSK	1	1	16.74	16.77	16.83	0.0
Channel							
Frequency [MHz]				505000	507000	511000	MPR (dB)
30	Pl2 BPSK	1	1	16.71	16.65	16.80	0.0
Channel							
Frequency [MHz]				505000	507000	511500	Tune-up limit (dBm)
25	Pl2 BPSK	1	1	16.75	16.73	16.84	0.0
Channel							
Frequency [MHz]				502000	507000	512000	Tune-up limit (dBm)
20	Pl2 BPSK	1	1	16.67	16.59	16.81	0.0
Channel							
Frequency [MHz]				507000	507000	512500	Tune-up limit (dBm)
15	Pl2 BPSK	1	1	16.63	16.66	16.82	0.0
Channel							
Frequency [MHz]				507000	507000	513000	Tune-up limit (dBm)
10	Pl2 BPSK	1	1	16.77	16.81	16.93	0.0
Channel							
Frequency [MHz]				500500	507000	513500	Tune-up limit (dBm)
5	Pl2 BPSK	1	1	16.65	16.74	16.82	0.0

n7_Ant 3(DSI1)							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 505000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 509000	MPR (dB)
Channel							
Frequency [MHz]				2500	2535	2560	
50	Pl2 BPSK	1	1	19.68	19.62	19.73	0.0
50	Pl2 BPSK	1	135	19.82	19.72	19.85	20.5
50	Pl2 BPSK	1	268	19.44	19.40	19.40	0.0
50	Pl2 BPSK	135	0	19.61	19.71	19.72	0.0
50	Pl2 BPSK	135	68	19.65	19.82	19.83	0.0
50	Pl2 BPSK	135	135	19.54	19.96	19.68	0.0
50	Pl2 BPSK	270	0	19.63	19.72	19.76	0.0
50	QPSK	1	1	19.66	19.54	19.72	0.0
50	QPSK	1	135	19.75	19.65	19.74	20.5
50	QPSK	1	268	19.34	19.33	19.31	0.0
50	QPSK	135	0	19.63	19.68	19.65	0.0
50	QPSK	135	68	19.58	19.79	19.79	0.0
50	QPSK	135	135	19.46	19.46	19.57	0.0
50	QPSK	270	0	19.55	19.66	19.65	0.0
50	16QAM	1	1	19.29	19.22	19.35	0.0
50	64QAM	1	1	19.17	19.08	19.18	0.0
50	256QAM	1	1	19.30	19.08	19.31	0.5
Channel							
Frequency [MHz]				2500	2535	2560	
40	Pl2 BPSK	1	1	19.18	19.28	19.25	0.0
Channel							
Frequency [MHz]				505000	507000	511000	MPR (dB)
30	Pl2 BPSK	1	1	19.44	19.43	19.42	0.0
Channel							
Frequency [MHz]				502000	507000	511500	Tune-up limit (dBm)
25	Pl2 BPSK	1	1	19.51	19.57	19.57	0.0
Channel							
Frequency [MHz]				502000	507000	512000	Tune-up limit (dBm)
20	Pl2 BPSK	1	1	19.60	19.64	19.57	0.0
Channel							
Frequency [MHz]				507000	507000	512500	Tune-up limit (dBm)
15	Pl2 BPSK	1	1	19.64	19.67	19.66	0.0
Channel							
Frequency [MHz]				507000	507000	513000	Tune-up limit (dBm)
10	Pl2 BPSK	1	1	19.52	19.57	19.57	0.0
Channel							
Frequency [MHz]				500500	507000	513500	Tune-up limit (dBm)
5	Pl2 BPSK	1	1	19.66	19.73	19.69	0.0

n66_Ant 3(DS11)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1750	1745	1760		
40	Pl2 BPSK	1	1	21.44	21.43	21.43	23.0	0.0
40	Pl2 BPSK	1	108	22.03	22.10	22.04		
40	Pl2 BPSK	1	214	21.42	21.52	21.57		
40	Pl2 BPSK	108	0	21.77	21.81	21.74	23.0	0.0
40	Pl2 BPSK	108	84	21.99	22.07	21.97	23.0	0.0
40	Pl2 BPSK	108	108	21.75	21.78	21.82	23.0	0.0
40	Pl2 BPSK	216	0	21.82	21.82	21.85	23.0	0.0
40	QPSK	1	1	21.38	21.41	21.36	23.0	0.0
40	QPSK	1	108	21.96	22.03	22.03		
40	QPSK	1	214	21.35	21.38	21.46		
40	QPSK	108	0	21.87	21.75	21.72	23.0	0.0
40	QPSK	108	54	21.90	21.96	21.92	23.0	0.0
40	QPSK	108	108	21.87	21.89	21.55	23.0	0.0
40	QPSK	216	0	21.55	21.75	21.83	23.0	0.0
40	16QAM	1	1	21.14	21.14	21.10	23.0	0.0
40	64QAM	1	1	20.89	20.99	20.91	22.0	1.0
40	256QAM	1	1	19.53	19.59	19.43	20.0	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1725	1745	1765		
30	Pl2 BPSK	1	1	21.61	21.61	21.65	23.0	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1720	1745	1770		
20	Pl2 BPSK	1	1	21.95	21.92	21.95	23.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1722.5	1745	1772.5		
15	Pl2 BPSK	1	1	21.98	22.02	22.05	23.0	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1775		
10	Pl2 BPSK	1	1	21.92	21.97	21.99	23.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	Pl2 BPSK	1	1	22.04	22.05	22.06	23.0	0.0

n66_Ant 5(DS11)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency [MHz]				1750	1745	1760		
40	Pl2 BPSK	1	1	20.62	20.68	20.68	22.5	0.0
40	Pl2 BPSK	1	108	21.43	21.45	21.31		
40	Pl2 BPSK	1	214	20.64	20.85	20.68		
40	Pl2 BPSK	108	0	21.15	21.03	21.14	22.5	0.0
40	Pl2 BPSK	108	84	21.34	21.37	21.36	22.5	0.0
40	Pl2 BPSK	108	108	21.08	21.07	20.94	22.5	0.0
40	Pl2 BPSK	216	0	21.19	21.23	21.15	22.5	0.0
40	QPSK	1	1	20.83	20.87	20.58	22.5	0.0
40	QPSK	1	108	21.37	21.43	21.25		
40	QPSK	1	214	20.55	20.80	20.58		
40	QPSK	108	0	21.06	20.98	21.08	22.5	0.0
40	QPSK	108	54	21.27	21.27	21.35	22.5	0.0
40	QPSK	108	108	20.86	20.99	20.85	22.5	0.0
40	QPSK	216	0	21.12	21.21	21.04	22.5	0.0
40	16QAM	1	1	20.22	20.32	20.31	22.5	0.0
40	64QAM	1	1	20.15	20.17	20.23	22.0	0.5
40	256QAM	1	1	18.64	18.76	18.78	20.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1725	1745	1765		
30	Pl2 BPSK	1	1	20.41	20.54	20.48	22.5	0.0
Channel				343000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1720	1745	1770		
20	Pl2 BPSK	1	1	20.64	20.80	20.62	22.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1722.5	1745	1772.5		
15	Pl2 BPSK	1	1	20.54	20.83	20.65	22.5	0.0
Channel				343000	349000	350000	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1715	1745	1775		
10	Pl2 BPSK	1	1	20.66	20.68	20.51	22.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency [MHz]				1712.5	1745	1777.5		
5	Pl2 BPSK	1	1	20.57	20.72	20.62	22.5	0.0

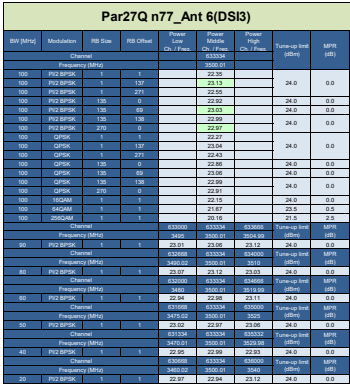


n38_Ant 0(DS13)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1900M	Power High Ch. Power S1900M	Power High Ch. Power S1900M	Time-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	24.18	24.22	24.13			
40	PSS-BPSK	1	53	24.22	24.84	24.75	25.5	0.0	
40	PSS-BPSK	1	154	24.12	24.21	24.17			
40	PSS-BPSK	50	0	24.10	24.18	24.14	25.0	0.5	
40	PSS-BPSK	50	26	24.18	24.80	24.69	25.5	0.0	
40	PSS-BPSK	50	54	24.18	24.22	24.15	25.0	0.5	
40	PSS-BPSK	100	0	24.22	24.24	24.18			
40	QPSK	1	1	24.13	24.17	24.08			
40	QPSK	1	53	24.59	24.73	24.65	25.5	0.0	
40	QPSK	1	154	23.69	24.54	24.04			
40	QPSK	50	0	23.55	23.59	23.57	24.5	1.0	
40	QPSK	50	26	24.73	24.79	24.85	25.5	0.0	
40	QPSK	50	56	23.54	23.60	23.55	24.5	1.0	
40	QPSK	100	0	23.65	23.71	23.68	24.5	1.0	
40	SSB-QAM	1	1	23.62	23.81	23.65	24.5	1.0	
40	SSB-QAM	1	1	23.58	23.48	23.45	23.0	2.5	
40	SSB-QAM	1	1	20.03	20.07	20.05	21.0	4.5	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	24.14	24.17	24.15	25.5	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	24.08	24.16	24.11	25.5	0.0	

n38_Ant 1(DS13)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1900M	Power High Ch. Power S1900M	Power High Ch. Power S1900M	Time-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	24.05	24.71	24.65			
40	PSS-BPSK	1	53	23.51	23.13	23.12	25.5	0.0	
40	PSS-BPSK	1	154	24.17	24.20	24.12			
40	PSS-BPSK	50	0	24.28	24.31	24.29	25.0	0.5	
40	PSS-BPSK	50	26	24.34	24.69	24.59	25.5	0.0	
40	PSS-BPSK	50	54	24.59	24.87	24.54	25.0	0.5	
40	PSS-BPSK	100	0	24.50	24.68	24.64			
40	QPSK	1	1	24.47	24.61	24.49			
40	QPSK	1	53	24.35	24.59	24.49	25.5	0.0	
40	QPSK	1	154	24.04	24.69	24.54			
40	QPSK	50	0	24.09	24.10	24.08	24.5	1.0	
40	QPSK	50	26	23.90	23.11	23.08	23.5	0.0	
40	QPSK	50	56	24.06	24.10	24.14	24.5	1.0	
40	QPSK	100	0	24.11	24.18	24.15	24.5	1.0	
40	SSB-QAM	1	1	23.38	23.42	23.23	24.5	1.0	
40	SSB-QAM	1	1	21.99	22.07	21.91	23.0	2.5	
40	SSB-QAM	1	1	20.41	20.53	20.51	21.0	4.5	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	24.02	24.10	24.04	25.5	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	24.01	24.18	24.10	25.5	0.0	

n38_Ant 3(DS13)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1900M	Power High Ch. Power S1900M	Power High Ch. Power S1900M	Time-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	23.83	23.94	23.89			
40	PSS-BPSK	1	53	24.82	24.88	24.81	25.5	0.0	
40	PSS-BPSK	1	154	23.13	23.45	23.28			
40	PSS-BPSK	50	0	23.18	23.17	23.10	23.0	0.5	
40	PSS-BPSK	50	26	23.16	23.87	23.84	23.5	0.5	
40	PSS-BPSK	50	54	22.72	22.84	22.79	23.0	0.5	
40	PSS-BPSK	100	0	23.04	23.15	23.13			
40	QPSK	1	1	23.27	23.41	23.27			
40	QPSK	1	53	23.86	23.79	23.71	23.5	0.0	
40	QPSK	1	154	22.36	23.41	23.28			
40	QPSK	50	0	23.57	23.85	23.53	24.5	1.0	
40	QPSK	50	26	23.80	23.84	23.82	25.5	0.0	
40	QPSK	50	56	23.80	23.82	23.88	24.5	1.0	
40	QPSK	100	0	23.95	23.69	23.89	24.5	1.0	
40	SSB-QAM	1	1	22.91	23.06	22.99	24.5	1.0	
40	SSB-QAM	1	1	21.57	21.85	21.66	23.0	2.5	
40	SSB-QAM	1	1	20.15	20.25	20.23	21.0	4.5	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	24.11	23.71	24.23	25.5	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	24.76	23.72	24.72	25.5	0.0	

n38_Ant 5(DS13)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1900M	Power High Ch. Power S1900M	Power High Ch. Power S1900M	Time-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	24.05	24.72	24.58			
40	PSS-BPSK	1	53	23.11	23.15	23.12	26.0	0.0	
40	PSS-BPSK	1	154	24.53	24.41	24.54			
40	PSS-BPSK	50	0	24.52	24.44	24.53	25.5	0.5	
40	PSS-BPSK	50	26	23.51	23.69	24.46	25.0	0.0	
40	PSS-BPSK	50	54	23.55	24.41	24.53	23.5	0.5	
40	PSS-BPSK	100	0	24.54	24.57	24.56			
40	QPSK	1	1	24.58	24.60	24.59			
40	QPSK	1	53	23.58	24.60	25.00	26.0	0.0	
40	QPSK	1	154	23.42	24.63	24.55			
40	QPSK	50	0	23.98	24.50	23.99	25.0	1.0	
40	QPSK	50	26	23.53	24.84	25.12	25.0	0.0	
40	QPSK	50	56	23.89	23.88	23.90	25.0	1.0	
40	QPSK	100	0	23.55	23.64	24.00	25.0	1.0	
40	SSB-QAM	1	1	23.35	23.36	23.34	25.0	1.0	
40	SSB-QAM	1	1	21.89	21.84	21.94	23.5	2.5	
40	SSB-QAM	1	1	20.42	20.56	20.51	21.5	4.5	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	24.43	24.48	24.44	25.0	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	24.54	24.51	24.44	25.0	0.0	



Par270 n77_Ant 6 (DS13)									
Cell ID#	Modulation	RF Size	BS Offset	Time from Start	Time to End	Mean Power [dBm]	Mean Rate [kbps]	Time on Air [min]	MPR [dB]
100	FSK BPSK	1	1	23:20	23:27	23:28			
Channel									
100	FSK BPSK	1	137	23:28	23:30	23:34		24.0	0.0
100	FSK BPSK	1	243	23:30	23:31	23:33		24.0	0.0
100	FSK BPSK	135	5	23:30	23:38	23:36		24.0	0.0
100	FSK BPSK	135	136	23:38	23:42	23:40		24.0	0.0
100	FSK BPSK	135	136	23:42	23:46	23:44		24.0	0.0
100	QPSK	1	1	23:24	23:25	23:21			
Channel									
100	QPSK	1	137	23:26	23:31	23:29		24.0	0.0
100	QPSK	135	5	23:30	23:31	23:30		24.0	0.0
100	QPSK	135	5	23:38	23:39	23:31		24.0	0.0
100	QPSK	135	136	23:42	23:46	23:44		24.0	0.0
100	QPSK	135	136	23:46	23:48	23:47		24.0	0.0
100	QPSK	135	136	23:48	23:50	23:49		24.0	0.0
100	QPSK	135	136	23:50	23:52	23:51		24.0	0.0
100	QPSK	135	136	23:52	23:54	23:53		24.0	0.0
100	QPSK	135	136	23:54	23:56	23:55		24.0	0.0
100	QPSK	135	136	23:56	23:58	23:57		24.0	0.0
100	QPSK	135	136	23:58	24:00	23:59		24.0	0.0
100	QPSK	135	136	24:00	24:02	24:01		24.0	0.0
100	QPSK	135	136	24:02	24:04	24:03		24.0	0.0
100	QPSK	135	136	24:04	24:06	24:05		24.0	0.0
100	QPSK	135	136	24:06	24:08	24:07		24.0	0.0
100	QPSK	135	136	24:08	24:10	24:09		24.0	0.0
100	QPSK	135	136	24:10	24:12	24:11		24.0	0.0
100	QPSK	135	136	24:12	24:14	24:13		24.0	0.0
100	QPSK	135	136	24:14	24:16	24:15		24.0	0.0
100	QPSK	135	136	24:16	24:18	24:17		24.0	0.0
100	QPSK	135	136	24:18	24:20	24:19		24.0	0.0
100	QPSK	135	136	24:20	24:22	24:21		24.0	0.0
100	QPSK	135	136	24:22	24:24	24:23		24.0	0.0
100	QPSK	135	136	24:24	24:26	24:25		24.0	0.0
100	QPSK	135	136	24:26	24:28	24:27		24.0	0.0
100	QPSK	135	136	24:28	24:30	24:29		24.0	0.0
100	QPSK	135	136	24:30	24:32	24:31		24.0	0.0
100	QPSK	135	136	24:32	24:34	24:33		24.0	0.0
100	QPSK	135	136	24:34	24:36	24:35		24.0	0.0
100	QPSK	135	136	24:36	24:38	24:37		24.0	0.0
100	QPSK	135	136	24:38	24:40	24:39		24.0	0.0
100	QPSK	135	136	24:40	24:42	24:41		24.0	0.0
100	QPSK	135	136	24:42	24:44	24:43		24.0	0.0
100	QPSK	135	136	24:44	24:46	24:45		24.0	0.0
100	QPSK	135	136	24:46					

Par27Q n77_Ant_1 (DSI3)									
Cell (M54)	Isolation	RD Size	RD Offset	Time Low Ch. 1 (ns)	Time High Ch. 2 (ns)	Time High Ch. 3 (ns)	Time-up rate (1/μs)	MPI (μs)	
Channel									
Frequency (MHz)									
100	P22 MPK6	1	1	18.30					
100	P22 MPK6	1	137	18.35			20.0	0.0	
100	P22 MPK6	1	241	18.40			20.0	0.0	
100	P22 MPK6	135	0	18.72			20.0	0.0	
100	P22 MPK6	135	138	18.75			20.0	0.0	
100	P22 MPK6	135	198	18.78			20.0	0.0	
100	CPK6	1	1	18.30					
100	CPK6	1	1	18.22					
100	CPK6	1	137	18.36			20.0	0.0	
100	CPK6	1	241	18.41			20.0	0.0	
100	CPK6	135	0	18.82			20.0	0.0	
100	CPK6	135	138	18.85			20.0	0.0	
100	CPK6	135	198	18.87			20.0	0.0	
100	CPK6	135	241	18.90			20.0	0.0	
100	CPK6	135	241	18.91			20.0	0.0	
100	CPK6	135	241	18.92			20.0	0.0	
100	CPK6	135	241	18.93			20.0	0.0	
100	CPK6	135	241	18.94			20.0	0.0	
100	CPK6	135	241	18.95			20.0	0.0	
100	CPK6	135	241	18.96			20.0	0.0	
100	CPK6	135	241	18.97			20.0	0.0	
100	CPK6	135	241	18.98			20.0	0.0	
100	CPK6	135	241	18.99			20.0	0.0	
100	CPK6	135	241	19.00			20.0	0.0	
100	CPK6	135	241	19.01			20.0	0.0	
100	CPK6	135	241	19.02			20.0	0.0	
100	CPK6	135	241	19.03			20.0	0.0	
100	CPK6	135	241	19.04			20.0	0.0	
100	CPK6	135	241	19.05			20.0	0.0	
100	CPK6	135	241	19.06			20.0	0.0	
100	CPK6	135	241	19.07			20.0	0.0	
100	CPK6	135	241	19.08			20.0	0.0	
100	CPK6	135	241	19.09			20.0	0.0	
100	CPK6	135	241	19.10			20.0	0.0	
100	CPK6	135	241	19.11			20.0	0.0	
100	CPK6	135	241	19.12			20.0	0.0	
100	CPK6	135	241	19.13			20.0	0.0	
100	CPK6	135	241	19.14			20.0	0.0	
100	CPK6	135	241	19.15			20.0	0.0	
100	CPK6	135	241	19.16			20.0	0.0	
100	CPK6	135	241	19.17			20.0	0.0	
100	CPK6	135	241	19.18			20.0	0.0	
100	CPK6	135	241	19.19			20.0	0.0	
100	CPK6	135	241	19.20			20.0	0.0	
100	CPK6	135	241	19.21			20.0	0.0	
100	CPK6	135	241	19.22			20.0	0.0	
100	CPK6	135	241	19.23			20.0	0.0	
100	CPK6								

Par270 n77_Ant_11(DS13)									
Seq (Ref)	Initialization	Ref Size	Ref Offset	Low Bound	High Bound	High Bound +1	Time per iteration (micro)	MPH (MB/s)	
Frequency Memory									
100	PS2 Refs	1	1	18.48	19.08	19.16			
100	PS2 Refs	1	171	18.48	19.08	19.16	20.5	0.9	
100	PS2 Refs	2	1	18.48	19.08	19.16			
100	PS2 Refs	2	171	18.48	19.08	19.16	20.5	0.9	
100	PS2 Refs	3	1	18.48	19.08	19.16			
100	PS2 Refs	3	168	18.48	19.08	19.16	20.5	0.9	
100	PS2 Refs	3	171	18.48	19.08	19.16	20.5	0.9	
100	QPS2	1	1	18.97	19.07	19.20			
100	QPS2	1	171	18.97	19.07	19.20	20.5	0.9	
100	QPS2	2	1	18.97	19.07	19.20			
100	QPS2	2	171	18.97	19.07	19.20	20.5	0.9	
100	QPS2	3	1	18.97	19.07	19.20			
100	QPS2	3	168	18.97	19.07	19.20	20.5	0.9	
100	QPS2	3	171	18.97	19.07	19.20	20.5	0.9	
100	RefMem	1	1	18.48	19.34	19.35	20.5	0.8	
100	RefMem	1	171	18.48	19.34	19.35	20.5	0.8	
100	RefMem	2	1	18.48	19.34	19.35	20.5	0.8	
100	RefMem	2	171	18.48	19.34	19.35	20.5	0.8	
100	RefMem	3	1	18.48	19.34	19.35	20.5	0.8	
100	RefMem	3	171	18.48	19.34	19.35	20.5	0.8	
100	RefMem	3	168	18.48	19.34	19.35	20.5	0.8	
20	PS2 Refs	1	1	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	1	171	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	2	1	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	2	171	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	3	1	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	3	171	19.39	19.39	19.39	20.5	0.9	
20	PS2 Refs	3	168	19.39	19.39	19.39	20.5	0.9	
20	QPS2	1	1	19.43	19.43	19.43	20.5	0.9	
20	QPS2	1	171	19.43	19.43	19.43	20.5	0.9	
20	QPS2	2	1	19.43	19.43	19.43	20.5	0.9	
20	QPS2	2	171	19.43	19.43	19.43	20.5	0.9	
20	QPS2	3	1	19.43	19.43	19.43	20.5	0.9	
20	QPS2	3	171	19.43	19.43	19.43	20.5	0.9	
20	QPS2	3	168	19.43	19.43	19.43	20.5	0.9	
20	RefMem	1	1	19.43	19.54	19.54	20.5	0.9	
20	RefMem	1	171	19.43	19.54	19.54	20.5	0.9	
20	RefMem	2	1	19.43	19.54	19.54	20.5	0.9	
20	RefMem	2	171	19.43	19.54	19.54	20.5	0.9	
20	RefMem	3	1	19.43	19.54	19.54	20.5	0.9	
20	RefMem	3	171	19.43	19.54	19.54	20.5	0.9	
20	RefMem	3	168	19.43	19.54	19.54	20.5	0.9	

Part27Q n78_Ant_2(DSIS)										
Ref	MPN	Installation	RD Site	PG	Off	Low Co-178	High Co-178	Power Freq. High	Estimated Time (hrs)	MPN (dB)
Channel										
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0
100	PG2 MPN100	1	1	1	1	15.15				
100	PG2 MPN100	1	1	1	1	15.15			25.5	0.0

Part270 n78_Ant_2(DS13)									
Site (MHz)	Modulation	Channel	RF Offset	Power Low Ch. Tx	Power High Ch. Tx	Power Max Ch. Tx	Power High Tx	Power High Tx	MPE (dB)
500	PSK39ESB	Frequency (MHz)			15.35				
500	PSK39ESB	Channel	1 15W		20.22		25.1	0.0	
500	PSK39ESB	Frequency (MHz)	25.1		15.35				
500	PSK39ESB	Channel	15W 0		15.34		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.34		15.35				
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.37		15.35				
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15.37		20.2	0.0	
500	PSK39ESB	Channel	15W 15W		15.37		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	22.0		15.34		20.2	0.0	
500	PSK39ESB	Channel	22.0 0		15.35		20.2	0.0	
500	PSK39ESB	Frequency (MHz)	15.35		15				

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Part27O n78_Ant_4(DS13)									
Site Name	Modulation	RF Band	RF Offset	Low Co-Freq	Low Tx Freq	Modulation Rate	Power Frac	Antenna Gain	MFR (dB)
100	FSK/PSK/FSK	220	0	22.00	22.00	0.33			
100	FSK/PSK/FSK	150	1	21.18	21.18		24.1	0.0	
100	FSK/PSK/FSK	220	2	22.22	22.22				
100	FSK/PSK/FSK	150	0	22.11	22.11		25.0	0.0	
100	FSK/PSK/FSK	220	1	22.15	22.15		24.1	0.0	
100	FSK/PSK/FSK	150	108	22.08	22.08		25.1	0.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.11	21.11		24.1	0.0	
100	FSK/PSK/FSK	150	0	22.11	22.11				
100	FSK/PSK/FSK	150	0	22.11	22.11				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.15	21.15		25.1	1.0	
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.15	21.15		25.1	1.0	
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.15	21.15		25.1	1.0	
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.15	21.15		25.1	1.0	
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	220	0	22.08	22.08				
100	FSK/PSK/FSK	150	1	21.15	21.15		25.1	1.0	
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	0	22.15	22.15				
100	FSK/PSK/FSK	150	108	22.08	22.08		25.0	1.0	
100	FSK/PSK/FSK	220	0	22.08	22.08				

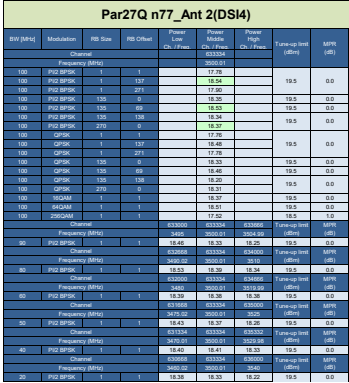


n38_Ant 0 (DS14)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1600M	Power Mean Ch. Power S1600M	Power High Ch. Power S1600M	Turnup loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	P102 BPSK	1	1	20.67	20.79	20.70			
40	P102 BPSK	1	53	21.33	21.45	21.31	22.5	0.0	
40	P102 BPSK	1	104	20.73	20.73	20.81			
40	P102 BPSK	50	0	20.69	20.87	20.70	22.5	0.0	
40	P102 BPSK	50	28	21.39	21.41	21.29	22.5	0.0	
40	P102 BPSK	50	56	20.63	20.79	20.70	22.5	0.0	
40	P102 BPSK	100	0	20.74	20.79	20.83			
40	QPSK	1	1	20.68	20.69	20.71			
40	QPSK	1	53	21.43	21.41	21.38	22.5	0.0	
40	QPSK	1	104	20.71	20.64	20.69			
40	QPSK	50	0	20.63	20.53	20.63	22.5	0.0	
40	QPSK	50	28	21.32	21.37	21.26	22.5	0.0	
40	QPSK	50	56	20.69	20.69	20.67	22.5	0.0	
40	QPSK	100	0	20.77	20.88	20.67	22.5	0.0	
40	16QAM	1	1	21.22	21.74	20.98	22.5	0.0	
40	16QAM	1	1	21.26	21.02	20.98	22.5	0.0	
40	256QAM	1	1	19.67	19.98	19.97	21.0	1.5	
Channel									
Frequency (MHz)									
30	P102 BPSK	1	1	20.63	20.68	20.64	22.5	0.0	
Channel									
Frequency (MHz)									
20	P102 BPSK	1	1	20.58	20.70	20.67	22.5	0.0	

n38_Ant 1 (DS14)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1600M	Power Mean Ch. Power S1600M	Power High Ch. Power S1600M	Turn-up loss (dBm)	MFR (dB)	
Frequency (MHz)									
40	P102 BPSK	1	1	19.87	19.85	19.88			
40	P102 BPSK	1	53	20.18	20.20	20.17	20.5	0.0	
40	P102 BPSK	1	104	19.47	19.40	19.40			
40	P102 BPSK	50	0	19.77	19.82	19.80	20.5	0.0	
40	P102 BPSK	50	28	20.16	20.16	20.11	20.5	0.0	
40	P102 BPSK	50	56	19.71	19.72	19.75	20.5	0.0	
40	P102 BPSK	100	0	19.90	19.91	19.89			
40	QPSK	1	1	19.66	19.76	19.74			
40	QPSK	1	53	20.19	20.11	20.10	20.5	0.0	
40	QPSK	1	104	19.38	19.36	19.37			
40	QPSK	50	0	19.79	19.74	19.67	20.5	0.0	
40	QPSK	50	28	20.06	20.01	20.11	20.5	0.0	
40	QPSK	50	56	19.57	19.60	19.62	20.5	0.0	
40	QPSK	100	0	19.85	19.81	19.83	20.5	0.0	
40	16QAM	1	1	19.72	19.71	19.73	20.5	0.0	
40	16QAM	1	1	19.67	19.62	19.64	20.5	0.0	
40	256QAM	1	1	19.63	19.74	19.67	20.5	0.0	
Channel									
Frequency (MHz)									
30	P102 BPSK	1	1	19.72	19.76	19.77	20.5	0.0	
Channel									
Frequency (MHz)									
20	P102 BPSK	1	1	19.84	19.80	19.81	20.5	0.0	

n38_Ant 3(DSI4)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low S1600M	Power Mean S1600M	Power High S1600M	Turn-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	P102 BPSK	1	1	18.00	18.01	18.00			
40	P102 BPSK	1	53	18.50	18.57	18.51	17.5	0.0	
40	P102 BPSK	1	104	18.05	18.03	18.02			
40	P102 BPSK	50	0	18.38	18.40	18.39	17.5	0.0	
40	P102 BPSK	50	28	18.51	18.56	18.51	17.5	0.0	
40	P102 BPSK	50	56	18.37	18.38	18.40	17.5	0.0	
40	P102 BPSK	100	0	18.42	18.43	18.40			
40	QPSK	1	1	18.05	18.07	18.02			
40	QPSK	1	53	18.48	18.54	18.40	17.5	0.0	
40	QPSK	1	104	18.07	18.06	18.09			
40	QPSK	50	0	18.31	18.34	18.27	17.5	0.0	
40	QPSK	50	28	18.44	18.55	18.40	17.5	0.0	
40	QPSK	50	56	18.32	18.24	18.22	17.5	0.0	
40	QPSK	100	0	18.39	18.32	18.37	17.5	0.0	
40	16QAM	1	1	18.47	18.50	18.49	17.5	0.0	
40	16QAM	1	1	18.41	18.38	18.40	17.5	0.0	
40	256QAM	1	1	18.32	18.41	18.50	17.5	0.0	
Channel									
Frequency (MHz)									
30	P102 BPSK	1	1	18.42	18.40	18.29	17.5	0.0	
Channel									
Frequency (MHz)									
20	P102 BPSK	1	1	18.44	18.50	18.35	17.5	0.0	

n38_Ant 5 (DS14)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Power S1600M	Power Mean Ch. Power S1600M	Power High Ch. Power S1600M	Turn-up loss (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	P102 BPSK	1	1	18.58	18.61	18.60			
40	P102 BPSK	1	53	17.09	17.15	17.12	18.0	0.0	
40	P102 BPSK	1	104	18.55	18.48	18.54			
40	P102 BPSK	50	0	18.35	18.40	18.39	18.0	0.0	
40	P102 BPSK	50	28	17.90	17.93	17.91	18.0	0.0	
40	P102 BPSK	50	56	18.38	18.50	18.35	18.0	0.0	
40	P102 BPSK	100	0	18.58	17.62	18.39			
40	QPSK	1	1	18.47	18.56	18.51			
40	QPSK	1	53	18.59	17.60	17.71	18.0	0.0	
40	QPSK	1	104	18.43	18.46	18.54			
40	QPSK	50	0	18.31	18.57	18.30	18.0	0.0	
40	QPSK	50	28	17.61	17.68	17.59	18.0	0.0	
40	QPSK	50	56	18.57	18.51	18.51	18.0	0.0	
40	QPSK	100	0	18.53	17.60	18.56	18.0	0.0	
40	16QAM	1	1	18.50	18.46	18.46	18.0	0.0	
40	16QAM	1	1	18.58	17.50	18.53	18.0	0.0	
Channel									
Frequency (MHz)									
30	P102 BPSK	1	1	18.29	18.43	18.14	18.0	0.0	
Channel									
Frequency (MHz)									
20	P102 BPSK	1	1	18.38	18.48	18.30	18.0	0.0	

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Par270 n77_Ant 4(DS14)									
Bin #MHz	Modulation	Rate	Mod. Ch.	Mod. Ch.	Power Low Ch	Power High Ch	Power Mid Ch	Power High	Power High
Channel				Channel	Channel	Channel	Channel	Channel	Channel
Frequency (MHz)				Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
160	[Pilot] BPSK	1	1	1	16.75	16.85	16.83		
Frequency (MHz)				16.75	16.85	16.83			
160	[Pilot] BPSK	1	2	1	16.83	16.93	16.88	16.5	0.0
Channel				16.83	16.93	16.88	16.5	0.0	
160	[Pilot] BPSK	155	5	1	16.92	17.02	16.97	16.5	0.0
Frequency (MHz)				16.92	17.02	16.97	16.5	0.0	
160	[Pilot] BPSK	155	5	2	16.92	17.02	16.97	16.5	0.0
Channel				16.92	17.02	16.97	16.5	0.0	
160	[Pilot] BPSK	155	148	1	16.99	17.09	17.04	16.5	0.0
Frequency (MHz)				16.99	17.09	17.04	16.5	0.0	
160	[Pilot] BPSK	155	148	2	16.99	17.09	17.04	16.5	0.0
Channel				16.99	17.09	17.04	16.5	0.0	
160	[Pilot] BPSK	155	1	1	16.99	16.81	16.58	16.5	0.0
Frequency (MHz)				16.99	16.81	16.58	16.5	0.0	
160	[Pilot] BPSK	155	1	2	16.99	16.81	16.58	16.5	0.0
Channel				16.99	16.81	16.58	16.5	0.0	
160	[Pilot] BPSK	155	1	3	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	4	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	5	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	6	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	7	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	8	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	9	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	10	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	11	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	12	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	13	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	14	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	15	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	16	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	17	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	18	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	19	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	20	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	21	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	22	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	23	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	24	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	25	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	26	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	27	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	28	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	29	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	30	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	31	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	32	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	33	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	34	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	35	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	36	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	37	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	38	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	39	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	40	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	41	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	42	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	43	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	44	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	45	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	46	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	47	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	48	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	49	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	50	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	51	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	52	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	53	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	54	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	55	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	56	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	57	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	58	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	59	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	60	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	61	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	62	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	63	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	64	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	65	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	66	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	67	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	68	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	69	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	70	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	71	16.93	17.11	17.03	16.5	0.0
Frequency (MHz)				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155	1	72	16.93	17.11	17.03	16.5	0.0
Channel				16.93	17.11	17.03	16.5	0.0	
160	[Pilot] BPSK	155							



Part27Q n78_Ant 6(DS14)											
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Cb (dBm)	Power Max (dBm)	Power High Cb (dBm)	Time-up time (dBm)	MFR (dB)			
Channel											
Frequency (MHz)											
100	PSS BPSK	1	1	16.78							
100	PSS BPSK	1	1	17.50							
100	PSS BPSK	1	271	16.82							
100	PSS BPSK	135	5	17.78							
100	PSS BPSK	135	69	17.54							
100	PSS BPSK	135	135	16.82							
100	PSS BPSK	271	5	17.78							
100	QPSK	1	1	16.89							
100	QPSK	1	135	17.43							
100	QPSK	1	271	16.81							
100	QPSK	135	5	17.69							
100	QPSK	135	69	17.47							
100	QPSK	135	135	16.71							
100	QPSK	271	5	17.71							
100	16QAM	1	1	17.47							
100	16QAM	1	1	17.50							
100	256QAM	1	1	17.42							
Channel											
Frequency (MHz)											
30	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
80	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
70	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
60	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
50	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
40	PSS BPSK	1	1	16.78	16.78	16.78	16.5	0.0			
Channel											
Frequency (MHz)											
30	PSS BPSK	1	1	16.78	16.78	16.78	16.5	0.0			
Channel											
Frequency (MHz)											
20	PSS BPSK	1	1	16.78	16.78	16.78	16.5	0.0			

Part27O n78_Ant 6(DS14)											
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Cb (dBm)	Power Max (dBm)	Power High Cb (dBm)	Time-up time (dBm)	MFR (dB)			
Channel											
Frequency (MHz)											
100	PSS BPSK	1	1	16.78							
100	PSS BPSK	1	135	17.72							
100	PSS BPSK	1	271	16.82							
100	PSS BPSK	135	5	16.86							
100	PSS BPSK	135	69	17.71							
100	PSS BPSK	135	135	16.86							
100	PSS BPSK	271	5	17.78							
100	QPSK	1	1	16.78							
100	QPSK	1	135	17.68							
100	QPSK	1	271	16.88							
100	QPSK	135	5	16.78							
100	QPSK	135	69	17.68							
100	QPSK	135	135	16.88							
100	QPSK	271	5	17.77							
100	16QAM	1	1	17.75							
100	16QAM	1	1	17.42							
100	256QAM	1	1	17.42							
Channel											
Frequency (MHz)											
30	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
80	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
70	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
60	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
50	PSS BPSK	1	1	16.94	16.94	16.94	16.5	0.0			
Channel											
Frequency (MHz)											
40	PSS BPSK	1	1	16.71	16.71	16.71	16.5	0.0			
Channel											
Frequency (MHz)											
30	PSS BPSK	1	1	16.71	16.71	16.71	16.5	0.0			
Channel											
Frequency (MHz)											
20	PSS BPSK	1	1	16.61	16.61	16.61	16.5	0.0			

Part27Q n78_Ant 11(DS14)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Cb (dBm)	Power Max (dBm)	Power High Cb (dBm)	Time-up time (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
100	PSS BPSK	1	1	15.27					
100	PSS BPSK	1	135	15.73			17.0	0.0	
100	PSS BPSK	1	271	15.21					
100	PSS BPSK	135	5	15.75			17.0	0.0	
100	PSS BPSK	135	69	15.75			17.0	0.0	
100	PSS BPSK	135	135	15.53			17.0	0.0	
100	PSS BPSK	271	5	15.84					
100	QPSK	1	1	15.20					
100	QPSK	1	135	15.61			17.0	0.0	
100	QPSK	1	271	15.09					
100	QPSK	135	5	15.73			17.0	0.0	
100	QPSK	135	69	15.67			17.0	0.0	
100	QPSK	135	135	15.55			17.0	0.0	
100	QPSK	271	5	15.71			17.0	0.0	
100	16QAM	1	1	15.69			17.0	0.0	
100	16QAM	1	1	15.75			17.0	0.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	15.49	15.49	15.49	Time-up time	MFR	
30	PSS BPSK	1	1	15.79	15.79	15.79	15.0	17.0	0.0
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.46	15.46	15.46	Time-up time	MFR	
80	PSS BPSK	1	1	15.76	15.76	15.76	15.0	17.0	0.0
80	PSS BPSK	1	1	15.96	15.95	15.95	15.0	17.0	0.0
Channel									
Frequency (MHz)									
70	PSS BPSK	1	1	15.42	15.42	15.42	Time-up time	MFR	
70	PSS BPSK	1	1	15.72	15.72	15.72	15.0	17.0	0.0
Channel									
Frequency (MHz)									
60	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
60	PSS BPSK	1	1	15.71	15.71	15.71	15.0	17.0	0.0
Channel									
Frequency (MHz)									
50	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
50	PSS BPSK	1	1	15.71	15.71	15.71	15.0	17.0	0.0
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
40	PSS BPSK	1	1	15.71	15.69	15.53	15.0	17.0	0.0
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
30	PSS BPSK	1	1	15.71	15.68	15.53	15.0	17.0	0.0
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
20	PSS BPSK	1	1	15.71	15.68	15.53	15.0	17.0	0.0
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	15.41	15.41	15.41	Time-up time	MFR	
10	PSS BPSK	1	1	15.71	15.68	15.53	15.0	17.0	0.0

Part27O n78_Ant 11(DS14)									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Cb (dBm)	Power Max (dBm)	Power High Cb (dBm)	Time-up time (dBm)		

Bluetooth Full Conducted Power

BT 2.0

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	17.09	17.22	17.29	14.28	14.35	14.44	14.32	14.35	14.53	19
	CH 39	2441	18.18	18.27	18.41	15.48	15.60	15.64	15.50	15.73	15.74	19
	CH 78	2480	17.11	17.22	17.25	14.47	14.50	14.59	14.48	14.53	14.59	19

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	1.60	1.60
	CH 19	2440	3.80	3.80
	CH 39	2480	3.00	3.00
Tune-up Limit			5	5

Bluetooth Reduced Power

BT 2.0

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	6.70	6.70	6.80	4.20	4.40	4.50	4.20	4.30	4.40	8
	CH 39	2441	7.50	7.50	7.60	5.00	5.10	5.30	5.10	5.20	5.30	8
	CH 78	2480	5.60	5.60	5.70	3.10	3.20	3.30	3.10	3.20	3.30	8