



Reduced DSIS Power for CA&EN-DC LTE Other PA

Band 4_Ant 0									
BSW (MHz)	Modulation	RB Size	HS Offset	Power (W)	Power (W)	Power (W)	Time-to-Int. (sec)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.78	22.63	22.73		24.5	0
20	QPSK	1	48	22.68	22.63	22.68			
20	QPSK	1	96	22.62	22.66	22.61			
20	QPSK	50	0	22.17	22.26	22.19			
20	QPSK	50	24	22.14	22.22	22.15			
20	QPSK	50	50	22.11	22.27	22.09		23.5	1
20	QPSK	100	0	22.07	22.22	22.16			
20	16QAM	1	0	22.06	22.06	22.10			
20	16QAM	1	48	22.19	21.23	21.20		23.5	1
20	16QAM	50	0	21.15	21.15	21.19			
20	16QAM	50	24	21.18	21.23	21.20		22.5	2
20	16QAM	100	0	21.14	21.16	21.19			
20	64QAM	1	0	21.34	21.43	21.38		22.5	2
20	64QAM	50	48	21.08	21.38	21.23			
20	64QAM	1	96	21.22	21.32	21.23			
20	64QAM	50	0	20.15	20.21	20.18		21.5	3
20	64QAM	50	24	20.18	20.26	20.16			
20	64QAM	100	0	20.11	20.18	20.13			
20	256QAM	1	0	19.15	19.22	19.18			
20	256QAM	1	48	18.17	18.26	18.18		19.5	5
20	256QAM	50	0	18.16	18.22	18.19			
20	256QAM	50	24	18.13	18.16	18.11			
20	256QAM	50	24	18.05	18.13	18.05		19.5	5
20	256QAM	100	0	18.06	18.07	18.03			
20	256QAM	100	0	18.05	18.13	18.05			
Channel									
Frequency (MHz)									
18	QPSK	1	0	22.71	22.63	22.68			
18	QPSK	1	37	22.68	22.67	22.65		24.5	0
18	QPSK	14	0	22.69	22.63	22.66			
18	QPSK	36	0	22.08	22.20	22.14			
18	QPSK	200	0	22.07	22.16	22.08		23.5	1
18	QPSK	36	0	22.08	22.16	22.07			
18	QPSK	75	0	22.14	22.17	22.08			
18	16QAM	1	0	21.99	21.99	21.97			
18	16QAM	1	37	21.14	21.17	21.09		23.5	1
18	16QAM	1	74	21.06	21.06	21.07			
18	16QAM	50	0	21.12	21.15	21.12			
18	16QAM	50	25	21.11	21.15	21.13		22.5	2
18	16QAM	50	39	21.02	21.07	21.03			
18	16QAM	75	0	21.04	21.05	21.03			
18	64QAM	1	0	21.25	21.30	21.28		22.5	2
18	64QAM	1	37	21.24	21.31	21.22			
18	64QAM	14	0	21.09	21.09	21.07			
18	64QAM	36	0	20.10	20.12	20.08			
18	64QAM	200	0	20.11	20.16	20.09		21.5	3
18	64QAM	36	0	20.05	20.08	20.04			
18	64QAM	75	0	20.09	20.10	20.09			
18	256QAM	1	0	19.05	19.05	19.03			
18	256QAM	1	37	18.09	18.16	18.09		19.5	5
18	256QAM	1	74	18.15	18.18	18.14			
18	256QAM	50	0	18.05	18.06	18.03			
18	256QAM	36	0	17.85	18.01	17.88		19.5	5
18	256QAM	36	39	17.85	18.01	17.88			
18	256QAM	100	0	18.00	18.06	18.01			
Channel									
Frequency (MHz)									
16	QPSK	1	0	22.71	22.63	22.68			
16	QPSK	1	24	22.68	22.67	22.65		24.5	0
16	QPSK	1	48	22.67	22.70	22.64			
16	QPSK	1	96	22.68	22.63	22.66			
16	QPSK	25	12	22.04	22.13	22.08		23.5	1
16	QPSK	48	20	22.04	22.13	22.09			
16	QPSK	48	20	22.11	22.16	22.07			
16	16QAM	1	0	21.92	21.96	21.91			
16	16QAM	1	24	21.12	21.15	21.07		23.5	1
16	16QAM	1	48	21.06	21.07	21.07			
16	16QAM	25	0	21.13	21.18	21.12			
16	16QAM	25	12	21.14	21.16	21.12			
16	16QAM	25	25	21.05	21.07	21.05		22.5	2
16	16QAM	50	0	21.06	21.10	21.05			
16	16QAM	50	1	21.09	21.08	21.07			
16	64QAM	1	25	21.20	21.28	21.24		22.5	2
16	64QAM	48	20	21.16	21.22	21.16			
16	64QAM	25	0	20.06	20.12	20.07			
16	64QAM	25	12	20.13	20.16	20.08		21.5	3
16	64QAM	50	0	20.04	20.11	20.07			
16	256QAM	1	0	18.17	18.27	18.22		19.5	5
16	256QAM	1	24	18.16	18.23	18.18			
16	256QAM	1	48	18.12	18.26	18.19			
16	256QAM	25	0	18.08	18.08	18.02			
16	256QAM	25	25	17.94	17.98	17.88		19.5	5
16	256QAM	50	0	17.87	18.00	17.85			
Channel									
Frequency (MHz)									
14	QPSK	1	0	22.70	22.60	22.64			
14	QPSK	1	8	22.68	22.66	22.65		24.5	0
14	QPSK	14	0	22.67	22.63	22.63			
14	QPSK	8	0	22.07	22.10	22.11			
14	QPSK	8	4	22.09	22.13	22.10		23.5	1
14	QPSK	8	7	22.01	22.10	22.06			
14	QPSK	15	0	22.15	22.14	22.08			
14	16QAM	1	0	21.95	22.03	21.93			
14	16QAM	1	14	21.88	22.03	22.01		23.5	1
14	16QAM	8	0	21.05	21.13	21.08			
14	16QAM	8	4	21.08	21.16	21.10		22.5	2
14	16QAM	16	0	21.05	21.13	21.08			
14	64QAM	1	0	21.25	21.30	21.29		22.5	2
14	64QAM	1	14	21.23	21.35	21.23			
14	64QAM	8	0	20.05	20.10	20.11		21.5	3
14	64QAM	8	7	20.02	20.12	20.03			
14	64QAM	15	0	20.06	20.12	20.10			
14	256QAM	1	0	18.15	18.26	18.19		19.5	5
14	256QAM	1	8	18.08	18.17	18.08			
14	256QAM	1	14	18.15	18.18	18.11			
14	256QAM	8	0	18.08	18.07	18.06			
14	256QAM	8	4	18.05	18.05	17.89		19.5	5
14	256QAM	8	7	17.94	18.02	17.88			
14	256QAM	15	0	17.86	18.02	18.01			
Channel									
Frequency (MHz)									
14	QPSK	1	0	22.70	22.60	22.64			
14	QPSK	1	3	22.68	22.66	22.65		24.5	0
14	QPSK	1	5	22.67	22.67	22.64			
14	QPSK	3	0	22.07	22.11	22.10			
14	QPSK	3	1	22.07	22.11	22.10		23.5	1
14	QPSK	3	0	20.11	20.17	20.10			
14	16QAM	1	0	21.93	21.96	21.99			
14	16QAM	1	3	21.12	21.15	21.14		23.5	1
14	16QAM	1	5	21.05	21.05	21.07			
14	16QAM	3	0	21.12	21.16	21.14			
14	16QAM	3	1	21.12	21.16	21.12		22.5	2
14	64QAM	1	0	21.24	21.30	21.27			
14	64QAM	1	3	21.23	21.30	21.27			
14	64QAM	3	0	20.05	20.14	20.07		21.5	3
14	256QAM	1	0	18.20	18.26	18.24			
14	256QAM	1	3	18.13	18.15	18.02		19.5	5
14	256QAM	1	5	18.11	18.10	18.12			
14	256QAM	3	0	18.05	18.06	18.04			
14	256QAM	3	1	17.81	18.07	17.89		19.5	5
14	256QAM	3	0	18.06	18.08	18.02			

Band 4_Ant 1									
BSW (MHz)	Modulation	RB Size	HS Offset	Power (W) 200505	Power (W) 200506	Power (W) 200507	Time-to-Int. (sec)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	18.66	18.76	18.72			
20	QPSK	1	48	18.67	18.86	18.87		19.5	0
20	QPSK	1	96	18.30	18.66	18.50			
20	QPSK	50	0	18.70	18.75	18.81			
20	QPSK	50	24	18.69	18.87	18.84		19.5	0
20	QPSK	50	50	18.52	18.56	18.58			
20	QPSK	100	0	18.60	18.71	18.70			
20	16QAM	1	0	18.46	18.54	18.52		19.5	0
20	16QAM	1	48	18.40	18.52	18.48			
20	16QAM	50	0	18.45	18.55	18.70			
20	16QAM	50	24	18.54	18.52	18.49		19.5	0
20	16QAM	100	0	18.40	18.50	18.48			
20	64QAM	1	0	18.74	18.75	18.62		19.5	0
20	64QAM	1	48	18.05	18.63	18.65			
20	64QAM	1	96	18.70	18.64	18.72			
20	64QAM	50	0	18.61	18.67	18.64		19.5	0
20	64QAM	50	24						
20	64QAM	50	50	18.51	18.52	18.41		19.5	0
20	64QAM	100	0	18.57	18.63	18.58			
20	256QAM	1	0	18.65	18.54	18.67		19.5	0
20	256QAM	1	48	18.65	18.54	18.67			
20	256QAM	1	96	18.56	18.42	18.47			
20	256QAM	50	24	18.58	18.54	18.54		19.5	0
20	256QAM	50	50	18.52	18.53	18.70			
20	256QAM	100	0	18.53	18.53	18.64			
Channel									
Frequency (MHz)									
15	QPSK	1	0	17.71	17.72	17.73			
15	QPSK	1	74	18.14	18.15	18.16		19.5	0
15	QPSK	1	37	18.46	18.35	18.42		19.5	0
15	QPSK	1	74	18.31	18.34	18.34			
15	QPSK	1	111	18.59	18.48	18.54			
15	QPSK	36	20	18.55	18.59	18.59			
15	QPSK	36	56	18.55	18.59	18.59			
15	QPSK	73	0	18.47	18.49	18.61			
15	16QAM	1	0	18.48	18.52	18.48		19.5	0
15	16QAM	1	74	18.48	18.52	18.50			
15	16QAM	1	74	18.52	18.48	18.25		19.5	0
15	16QAM	36	0	18.37	18.53	18.64			
15	16QAM	36	36	18.38	18.50	18.52			
15	16QAM	36	36	18.42	18.48	18.54		19.5	0
15	16QAM	73	0	18.34	18.49	18.45			
15	16QAM	73	0	18.39	18.49	18.50			
15	64QAM	1	37	18.63	18.57	18.55		19.5	0
15	64QAM	1	74	18.60	18.62	18.60			
15	64QAM	36	36	18.54	18.54	18.54			
15	64QAM	36	20	18.38	18.42	18.42		19.5	0
15	64QAM	36	36	18.49	18.58	18.53			
15	64QAM	36	36	18.51	18.51	18.51			
15	64QAM	73	0	18.51	18.48	18.62			
15	256QAM	1	0	18.53	18.53	18.53		19.5	0
15	256QAM	1	74	18.53	18.38	18.35			
15	256QAM	36	0	18.61	18.54	18.54			
15	256QAM	36	36	18.51	18.51	18.51			
15	256QAM	36	36	18.44	18.48	18.63		19.5	0
15	256QAM	73	0	18.46	18.48	18.64			
Channel									
Frequency (MHz)									
10	QPSK	1	0	18.58	18.63	18.63		19.5	0
10	QPSK	1	48	18.58	18.63	18.63			
10	QPSK	1	48	18.33	18.37	18.37		19.5	0
10	QPSK	25	0	18.65	18.65	18.54			
10	QPSK	25	25	18.63	18.63	18.54			
10	QPSK	25	25	18.42	18.35	18.48			
10	16QAM	1	26	18.33	18.39	18.43		19.5	0
10	16QAM	49	22	18.49	18.49	18.37			
10	16QAM	25	1	18.39	18.58	18.60			
10	16QAM	25	12	18.46	18.50	18.44			
10	16QAM	25	12	18.46	18.50	18.44			
10	16QAM	50	25	18.35	18.35	18.44			
10	16QAM	1	0	18.69	18.68	18.60			
10	16QAM	50	25	18.35	18.35	18.44			
10	16QAM	1	49	18.55	18.53	18.65			
10	16QAM	25	0	18.53	18.53	18.65			
10	16QAM	25	0	18.43	18.49	18.49			
10	16QAM	25	25	18.47	18.58	18.37		19.5	0
10	16QAM	50	0	18.45	18.51	18.48			
10	16QAM	50	25	18.45	18.48	18.49			
10	256QAM	1	25	18.51	18.48	18.52		19.5	0
10	256QAM	1	49	18.52	18.48	18.49			
10	256QAM	25	0	18.51	18.48	18.52			
10	256QAM	25	12	18.52	18.52	18.44		19.5	0
10	256QAM	50	0	18.47	18.47	18.57			
Channel									
Frequency (MHz)									
5	QPSK	1	0	18.60	18.73	18.64			
5	QPSK	1	12	18.42	18.56	18.48			
5	QPSK	1	24	18.34	18.63	18.37			
5	QPSK	12	0	18.59	18.49	18.53		19.5	0
5	QPSK	12	7	18.57	18.62	18.54			
5	QPSK	24	13	18.55	18.43	18.53			
5	QPSK	24	13	18.55	18.63	18.62			
5	16QAM	1	0	18.55	18.52	18.58			
5	16QAM	12	0	18.52	18.43	18.43			
5	16QAM	12	7	18.50	18.48	18.53			
5	16QAM	12	13	18.42	18.54	18.54		19.5	0
5	16QAM	20	0	18.37	18.51	18.37			
5	16QAM	20	7	18.47	18.67	18.44			
5	16QAM	1	12	18.54	18.51	18.55		19.5	0
5	16QAM	24	13	18.57	18.54	18.63			
5	16QAM	12	13	18.45	18.45	18.53			
5	16QAM	25	0	18.51	18.55	18.45			
5	256QAM	1	0	18.54	18.43	18.40			
5	256QAM	12	0	18.48	18.48	18.53			
5	256QAM	12	13	18.48	18.48	18.53			
5	256QAM	12	13	18.39	18.51	18.54			
5	256QAM	25	0	18.49	18.40	18.48			
Channel									
Frequency (MHz)									
3	QPSK	1	0	18.59	18.68	18.58		19.5	0
3	QPSK	1	14	18.31	18.58	18.48			
3	QPSK	8	0	18.63	18.60	18.64			
3	QPSK	8	7	18.54	18.54	18.60			
3	QPSK	8	7	18.39	18.51	18.45			
3	16QAM	1	0	18.50	18.64	18.64			
3	16QAM	1	14	18.51	18.48	18.53			
3	16QAM	1	8	18.44	18.49	18.47			
3	16QAM	8	14	18.38	18.47	18.36			
3	16QAM	8	14	18.38	18.47	18.36			
3	16QAM	8	0	18.43	18.42	18.48			
3	16QAM	8	7	18.48	18.48	18.53			
3	16QAM	16	0	18.38	18.48	18.41			
3	16QAM	1	0	18.63	18.70	18.56		19.5	0
3	16QAM	1	14	18.62	18.62	18.63			
3	16QAM	1	14	18.65	18.52	18.61			
3	16QAM	8	0	18.56	18.49	18.51			
3	16QAM	8	7	18.47	18.48	18.54			
3	16QAM	8	7	18.44	18.57	18.28			
3	16QAM	16	0	18.52	18.50	18.51			
3	16QAM	16	7	18.48	18.48	18.54			
3	256QAM	1	8	18.59	18.42	18.54		19.5	0
3	256QAM	8	0	18.59	18.42	18.54			
3	256QAM	8	0	18.57	18.49	18.55			
3	256QAM	8	4	18.54	18.59	18.41			
3	256QAM	16	0	18.52	18.51	18.63			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	18.63	18.70	18.66			
1.4	QPSK	1	3	18.41	18.60	18.55		19.5	0
1.4	QPSK	3	0	18.56	18.56	18.56			
1.4	QPSK	3	0	18.53	18.60	18.61			
1.4	QPSK	3	1	18.56	18.58	18.55			
1.4	QPSK	3	3	18.40	18.45	18.50			
1.4	QPSK	6	0	18.54	18.58	18.67		19.5	0
1.4	QPSK	1	0	18.57	18.57	18.59			
1.4	QPSK	1	3	18.47	18.44	18.47			
1.4	16QAM	1	6	18.33	18.43	18.35		19.5	0
1.4	16QAM	1	9	18.44	18.56	18.51			
1.4	16QAM	3	0	18.49	18.39	18.37			
1.4	16QAM	3	3	18.46	18.59	18.55			
1.4	16QAM	6	0	18.35	18.52	18.44		19.5	0
1.4	16QAM	6	3	18.41	18.41	18.41			
1.4	16QAM	3	3	18.62	18.54	18.58			
1.4	16QAM	6	3	18.41	18.41	18.41			
1.4	16QAM	3	0	18.59	18.50	18.50		19.5	0
1.4	16QAM	3	1	18.32	18.43	18.44			
1.4	16QAM	6	0	18.30	18.30	18.30			
1.4	16QAM	6	0	18.47	18.60	18.50		19.5	0
1.4	16QAM	1	0	18.49	18.43	18.38			
1.4	16QAM	1	3	18.51	18.57	18.63			
1.4	16QAM	3	0	18.45	18.30	18.30		19.5	0
1.4	256QAM	1	0	18.63	18.60	18.47			
1.4	256QAM	1	3	18.47	18.47	18.47			

Band 7_Ant 2										
RF (MHz)	MAGAZINE	RF Size	RF C/Freq	Power (dBm)	Power (dBm)	Power (dBm)	Time slot (sec)	MFR (min)		
Channel				25000	25100	25200				
Frequency (MHz)										
20	QPSK	1	6	18.89	20.17	23.92				
20	QPSK	1	6	18.89	20.17	23.92			21	0
20	QPSK	1	69	18.82	18.82	19.78				
20	QPSK	50	6	20.00	20.17	20.71				
20	QPSK	50	6	20.00	20.17	20.71			21	0
20	QPSK	50	60	18.85	18.90	18.96				
20	QPSK	100	6	20.11	20.12	20.87				
20	QPSK	100	6	20.11	20.12	20.87			21	0
20	HQAM	1	49	18.11	18.68	18.52				
20	HQAM	1	49	18.11	18.68	18.52				
20	HQAM	50	24	18.90	18.95	19.97				
20	HQAM	50	24	18.90	18.95	19.97			21	0
20	HQAM	100	6	19.77	19.81	19.74				
20	HQAM	1	6	20.13	20.18	20.18				
20	HQAM	1	6	20.13	20.18	20.18			21	0
20	HQAM	1	69	18.94	20.01	19.97				
20	HQAM	1	69	18.94	20.01	19.97				
20	HQAM	50	24	18.37	18.42	19.34				
20	HQAM	50	24	18.37	18.42	19.34				
20	HQAM	100	6	19.37	19.48	19.37				
20	HQAM	100	6	19.37	19.48	19.37				
20	HQAM	1	6	17.54	17.68	17.55			19	2
20	HQAM	1	6	17.54	17.68	17.55				
20	HQAM	50	6	17.35	17.38	17.30				
20	HQAM	50	6	17.35	17.38	17.30			19	2
20	HQAM	50	24	17.34	17.44	17.31				
20	HQAM	50	24	17.34	17.44	17.31				
20	HQAM	100	6	17.35	17.38	17.30				
20	HQAM	100	6	17.35	17.38	17.30				
Channel				25600	25700	25800	Time slot (sec)	MFR (min)		
Frequency (MHz)										
15	QPSK	1	6	18.86	19.91	19.91				
15	QPSK	1	6	18.86	19.91	19.91			21	0
15	QPSK	1	6	18.86	19.91	19.91				
15	QPSK	36	6	20.03	20.12	20.03				
15	QPSK	36	6	20.03	20.12	20.03			21	0
15	QPSK	36	6	20.03	20.12	20.03				
15	QPSK	36	6	19.79	20.04	19.86				
15	QPSK	75	6	19.86	19.83	19.86				
15	QPSK	75	6	19.86	19.83	19.86			21	0
15	HQAM	1	27	18.53	18.63	18.64				
15	HQAM	1	27	18.53	18.63	18.64				
15	HQAM	1	74	18.63	18.74	18.66				
15	HQAM	1	74	18.63	18.74	18.66				
15	HQAM	36	20	18.82	19.85	19.91				
15	HQAM	36	20	18.82	19.85	19.91			21	0
15	HQAM	75	6	18.68	18.81	19.71				
15	HQAM	75	6	18.68	18.81	19.71				
15	HQAM	1	6	19.13	19.19	19.20				
15	HQAM	1	6	19.13	19.19	19.20			21	0

[illegible]

Band 66_Ant 0												
RW (MHz)	Modulation	RB (KHz)	FE Offset	Power/Power Ch/Freq	Power/Power Ch/Freq	Power/Power Ch/Freq	Turn-on Time (s)	MFR (dB)				
Channel										15002	15032	15062
0	QPSK	1	0	21.85	22.14	21.80						
0	QPSK	1	50	21.85	22.14	21.80						
0	QPSK	1	99	21.73	21.63	21.71	23.5	0				
0	QPSK	50	0	21.28	21.31	21.28						
0	QPSK	50	50	21.07	21.16	21.07						
0	QPSK	50	99	21.21	21.28	21.25	22.5	1				
0	QPSK	100	0	21.15	21.20	21.21						
0	QPSK	100	50	21.07	21.16	21.07						
0	QPSK	100	99	21.13	21.19	21.10	22.5	1				
0	QPSK	1	99	21.04	21.13	21.05						
0	QPSK	50	99	20.94	20.91	20.94						
0	QPSK	50	24	20.24	20.30	20.23						
0	QPSK	50	50	20.18	20.25	20.19						
0	QPSK	50	99	20.08	20.15	20.09	21.5	2				
0	QPSK	1	0	20.39	20.48	20.45						
0	QPSK	1	49	20.34	20.44	20.45	21.5	2				
0	QPSK	1	99	20.24	20.34	20.29						
0	QPSK	50	0	19.24	19.29	19.19						
0	QPSK	50	50	19.18	19.23	19.23						
0	QPSK	50	99	19.30	19.24	19.14	20.5	3				
0	QPSK	100	0	19.15	19.20	19.20						
0	QPSK	100	50	19.08	19.18	19.14						
0	QPSK	100	99	19.24	19.28	19.24						
0	QPSK	1	49	17.22	17.27	17.18	18.5	5				
0	QPSK	1	99	17.17	17.21	17.17						
0	QPSK	50	99	17.15	17.21	17.23						
0	QPSK	50	24	17.19	17.24	17.17	14.5	8				
0	QPSK	50	50	17.04	17.26	17.19						
0	QPSK	50	99	17.17	17.30	17.27						
Channel										15047	15072	15099
Frequency (MHz)										1717.5	1722.5	1727.5
15	QPSK	1	0	21.81	22.04	21.73	23.5	0				
15	QPSK	1	39	21.69	21.86	21.69						
15	QPSK	1	74	21.63	21.80	21.81						
15	QPSK	1	99	21.71	21.86	21.80	23.5	0				
15	QPSK	50	0	21.21	21.25	21.19						
15	QPSK	50	50	21.18	21.25	21.15	22.5	1				
15	QPSK	50	99	21.26	21.23	21.14						
15	QPSK	100	0	20.99	21.06	20.97						
15	QPSK	100	50	20.92	21.03	20.95	22.5	1				
15	QPSK	100	99	21.03	21.13	21.03						
15	QPSK	1	74	20.95	21.00	20.95	21.5	2				
15	QPSK	36	0	20.14	20.22	20.15						
15	QPSK	36	50	20.08	20.15	20.08						
15	QPSK	36	99	20.08	20.20	20.05						
15	QPSK	75	0	20.15	20.29	20.19						
15	QPSK	75	50	20.09	20.43	20.19						
15	QPSK	1	39	20.27	20.38							
15	QPSK	1	74	20.26	20.31	20.26						
15	QPSK	1	99	20.15	20.19	20.15						
15	QPSK	50	99	20.08	20.22	20.05						
15	QPSK	36	20	19.21	19.22	19.15	20.5	3				
15	QPSK	36	50	19.18	19.19	19.09						
15	QPSK	36	99	19.24	19.28	19.24						
15	QPSK	75	0	19.15	19.29	19.19						
15	QPSK	75	50	19.08	19.18	19.14						
15	QPSK	75	99	19.24	19.28	19.24						
15	QPSK	1	49	17.21	17.30	17.28	18.5	5				
15	QPSK	1	99	17.15	17.21	17.23						
15	QPSK	50	99	17.12	17.14	17.08						
15	QPSK	50	24	17.17	17.28	17.17	14.5	8				
15	QPSK	50	50	17.12	17.28	17.18						
15	QPSK	50	99	17.15	17.28	17.28						
15	QPSK	50	24	17.19	17.28	17.17	14.5	8				
15	QPSK	50	50	17.12	17.28	17.18						
15	QPSK	50	99	17.15	17.28	17.28						
15	QPSK	75	0	17.11	17.22	17.18						
Channel										15072	15102	15132
Frequency (MHz)										1717.5	1722.5	1727.5
0	QPSK	1	0	21.80	22.04	21.73	23.5	0				
0	QPSK	1	39	21.68	21.86	21.69						
0	QPSK	1	49	21.67	21.88	21.63						
0	QPSK	50	0	21.16	21.21	21.19						
0	QPSK	50	50	21.18	21.21	21.15	22.5	1				
0	QPSK	50	99	21.21	21.18	21.15						
0	QPSK	100	0	21.09	21.22	21.13						
0	QPSK	100	50	21.08	21.21	21.13	22.5	1				
0	QPSK	100	99	21.09	21.09	21.02						
0	QPSK	1	28	20.16	20.22	20.15						
0	QPSK	1	49	20.15	20.22	20.15						
0	QPSK	50	12	20.17	20.20	20.17	21.5	2				
0	QPSK	50	50	20.16	20.22	20.14						
0	QPSK	50	99	20.29	20.39	20.29						
0	QPSK	50	24	20.16	20.22	20.14	21.5	2				
0	QPSK	50	50	20.16	20.22	20.14						
0	QPSK	1	49	20.27	20.30	20.29						
0	QPSK	1	99	20.16	20.21	20.16	20.5	3				
0	QPSK	50	0	19.15	19.21	19.04						
0	QPSK	50	50	19.08	19.13	19.04						
0	QPSK	50	99	19.19	19.30	19.27						
0	QPSK	1	28	17.13	17.18	17.08	18.5	5				
0	QPSK	1	49	17.07	17.13	17.07						
0	QPSK	50	99	17.12	17.24	17.18						
0	QPSK	50	24	17.16	17.24	17.16	14.5	8				
0	QPSK	50	50	17.12	17.28	17.18						
0	QPSK	50	99	17.15	17.28	17.28						
Channel										15099	15122	15152
Frequency (MHz)										1717.5	1722.5	1727.5
5	QPSK	1	0	21.78	22.05	21.74	23.5	0				
5	QPSK	1	12	21.72	21.88	21.69						
5	QPSK	1	24	21.68	21.86	21.63						
5	QPSK	12	21	21.20	21.26	21.19						
5	QPSK	12	7	21.18	21.24	21.15	22.5	1				
5	QPSK	12	19	21.23	21.17	21.15						
5	QPSK	50	0	21.10	21.22	21.11						
5	QPSK	50	1	21.00	21.08	20.99						
5	QPSK	50	12	20.99	21.09	20.99	22.5	1				
5	QPSK	1	24	20.08	21.07	20.07						
5	QPSK	1	49	20.17	20.22	20.17						
5	QPSK	12	19	20.14	20.18	20.09	21.5	2				
5	QPSK	12	19	20.13	20.20	20.09						
5	QPSK	50	0	20.20	20.24	20.15						
5	QPSK	50	12	20.19	20.30	20.25						
5	QPSK	1	12	20.27	20.33	20.31	21.5	2				
5	QPSK	1	24	20.16	20.22	20.16						
5	QPSK	12	7	19.21	19.22	19.17	20.5	3				
5	QPSK	12	19	19.18	19.19	19.07						
5	QPSK	25	0	19.06	19.14	19.01						
5	QPSK	1	0	17.21	17.30	17.21						
5	QPSK	1	12	17.12	17.19	17.08						
5	QPSK	1	24	17.07	17.11	17.12						
5	QPSK	12	9	17.17	17.23	17.18						
5	QPSK	12	9	17.12	17.19	17.14						
5	QPSK	50	12	17.16	17.18	17.14	14.5	8				
5	QPSK	50	12	17.13	17.22	17.13						
Channel										15122	15152	15182
Frequency (MHz)										1717.5	1722.5	1727.5
1	QPSK	1	0	21.78	22.09	21.74	23.5	0				
1	QPSK	1	21	21.73	21.89	21.67						
1	QPSK	1	14	21.68	21.86	21.65						
1	QPSK	1	21	21.26	21.32	21.23	23.5	0				
1	QPSK	3	0	21.16	21.23	21.14						
1	QPSK	3	1	21.18	21.20	21.12						
1	QPSK	6	0	21.09	21.22	21.11	22.5	1				
1	QPSK	6	1	21.07	21.10	21.05						
1	QPSK	1	0	21.06	21.10	21.03						
1	QPSK	1	5	20.97	21.04	20.99	22.5	1				
1	QPSK	3	30	20.36	20.43	20.36						
1	QPSK	1	1	20.15	20.24	20.14						
1	QPSK	3	3	20.12	20.20	20.08	21.5	2				
1	QPSK	3	1	20.10	20.18	20.10						
1	QPSK	1	0	20.31	20.39	20.38						
1	QPSK	3	1	20.27	20.38	20.27	21.5	2				
1	QPSK	3	0	20.17	20.28	20.27						
1	QPSK	3	0	20.22	20.30	20.31						
1	QPSK	3	1	20.09	20.33	20.21						
1	QPSK	3	0	17.23	17.33	17.28						
1	QPSK	3	0	17.17	17.28	17.27	18.5	5				
1	QPSK	3	0	17.12	17.24	17.09						
1	QPSK	3	0	17.18	17.28	17.18						

Band 66_Ant 1											
SRV (MHz)	Modulation	File Size	Ref. Config	Power (dBm) / Ch. Freq. (MHz)	Power (dBm) / Ch. Freq. (MHz)	Power (dBm) / Ch. Freq. (MHz)	Turn-on time (dBm)	MPR (dB)			
Channel											
20	QPSK	1	0	19.02	19.02	19.02					
20	QPSK	1	99	18.92	19.02	19.02					
20	QPSK	50	0	18.81	18.88	18.83					
20	QPSK	50	99	18.89	18.97	18.91					
20	QPSK	50	50	18.89	18.96	18.95	20	0			
20	16QAM	1	49	18.88	18.92	18.87	20	0			
20	16QAM	1	99	18.82	18.91	18.86					
20	16QAM	50	0	18.81	18.88	18.83					
20	16QAM	50	24	18.95	18.93	18.92					
20	16QAM	50	50	18.89	18.96	18.93	20	0			
20	16QAM	50	99	18.83	18.87	18.83					
20	16QAM	50	99	18.83	18.87	18.83					
20	16QAM	1	49	18.92	18.93	18.94					
20	16QAM	1	99	18.86	18.92	18.86					
20	16QAM	50	50	18.88	18.96	18.95	20	0			
20	16QAM	100	0	18.83	18.87	18.83					
20	16QAM	100	99	18.83	18.87	18.83					
20	16QAM	50	50	18.88	18.96	18.95					
20	256QAM	1	49	18.16	18.26	18.28	19	1			
20	256QAM	1	99	18.16	18.17	18.14					
20	256QAM	50	50	18.16	18.25	18.30					
20	256QAM	50	24	18.36	18.43	18.41	19	1			
20	256QAM	50	50	18.47	18.43	18.40					
20	256QAM	50	99	18.38	18.43	18.40					
Channel											
	Frequency (MHz)			19.047	19.032	19.047					
15	QPSK	1	0	17.17	17.17	17.17					
15	QPSK	1	99	17.07	17.17	17.17					
15	QPSK	1	37	16.88	16.90	16.79					
15	QPSK	1	74	16.72	16.91	16.88					
15	QPSK	1	99	16.71	16.78	16.78					
15	QPSK	36	20	16.82	16.83	16.74					
15	QPSK	36	20	16.87	16.87	16.87					
15	QPSK	36	20	16.73	16.77	16.76					
15	16QAM	1	0	16.80	16.81	16.71					
15	16QAM	1	99	16.79	16.78	16.80					
15	16QAM	1	74	16.70	16.74	16.83					
15	16QAM	36	0	16.70	16.80	16.81					
15	16QAM	36	99	16.78	16.83	16.79	20	0			
15	16QAM	75	0	16.72	16.77	16.85					
15	16QAM	75	99	16.82	16.82	16.82					
15	16QAM	1	37	16.83	16.72	16.80					
15	16QAM	1	74	16.78	16.72	16.71					
15	16QAM	1	99	16.78	16.72	16.71					
15	16QAM	36	20	16.81	16.86	16.72					
15	256QAM	1	0	16.81	16.81	16.81					
15	256QAM	75	0	16.74	16.74	16.74					
15	256QAM	1	0	16.15	16.08	16.12	19	1			
15	256QAM	1	99	16.20	16.12	16.12					
15	256QAM	1	74	16.01	16.03	16.04					
15	256QAM	36	0	16.19	16.29	16.32					
15	256QAM	36	99	16.23	16.23	16.23					
15	256QAM	36	99	16.37	16.30	16.34	19	1			
15	256QAM	75	0	16.31	16.38	16.21					
Channel											
	Frequency (MHz)			17.115	17.145	17.175	Turn-on time (dBm)				
10	QPSK	1	0	16.92	16.95	16.88					
10	QPSK	1	99	16.83	16.93	16.93					
10	QPSK	1	37	16.68	16.70	16.59	20	0			
10	QPSK	1	49	16.71	16.78	16.73					
10	QPSK	25	0	16.71	16.69	16.70					
10	QPSK	25	99	16.70	16.67	16.67					
10	QPSK	25	26	16.78	16.67	16.81					
10	QPSK	25	99	16.71	16.79	16.85					
10	16QAM	1	0	16.71	16.79	16.85					
10	16QAM	1	99	16.68	16.78	16.84					
10	16QAM	1	26	16.83	16.80	16.82					
10	16QAM	1	99	16.78	16.83	16.83					
10	16QAM	25	0	16.66	16.76	16.81					
10	16QAM	25	12	16.73	16.84	16.82					
10	16QAM	25	99	16.68	16.78	16.84					
10	16QAM	50	0	16.68	16.75	16.83					
10	16QAM	50	1	16.74	16.80	16.86					
10	16QAM	50	99	16.70	16.76	16.82					
10	16QAM	1	49	16.78	16.85	16.83					
10	16QAM	25	0	16.70	16.76	16.73					
10	16QAM	25	99	16.70	16.76	16.73					
10	16QAM	25	26	16.80	16.69	16.79					
10	16QAM	50	0	16.77	16.89	16.87					
10	16QAM	50	99	16.70	16.73	16.73					
10	256QAM	1	0	17.00	16.12	16.21					
10	256QAM	1	99	16.01	16.07	16.06					
10	256QAM	25	0	16.35	16.24	16.32					
10	256QAM	25	99	16.35	16.24	16.32					
10	256QAM	25	12	16.23	16.28	16.28					
10	256QAM	25	99	16.23	16.28	16.28					
10	256QAM	50	0	16.31	16.32	16.12	10	1			
Channel											
	Frequency (MHz)			13.997	13.932	13.947	Turn-on time (dBm)				
5	QPSK	1	0	17.22	17.22	17.22					
5	QPSK	1	12	16.93	16.91	16.77					
5	QPSK	1	99	16.83	16.93	16.93					
5	QPSK	12	0	16.64	16.68	16.65	20	0			
5	QPSK	12	7	16.78	16.80	16.72					
5	QPSK	12	99	16.68	16.81	16.81					
5	QPSK	26	0	16.63	16.68	16.68					
5	16QAM	1	0	16.69	16.68	16.81					
5	16QAM	1	99	16.63	16.73	16.82					
5	16QAM	1	24	16.78	16.74	16.79					
5	16QAM	12	0	16.68	16.76	16.84					
5	16QAM	12	99	16.74	16.79	16.84					
5	16QAM	12	13	16.79	16.68	16.88					
5	16QAM	26	0	16.66	16.77	16.72					
5	16QAM	26	99	16.70	16.77	16.72					
5	16QAM	1	12	16.70	16.78	16.78					
5	16QAM	12	0	16.74	16.74	16.74					
5	16QAM	12	7	16.76	16.87	16.73					
5	16QAM	12	99	16.84	16.84	16.84					
5	16QAM	26	0	16.68	16.68	16.73					
5	256QAM	1	0	16.12	16.13	16.07					
5	256QAM	1	99	16.13	16.14	16.07					
5	256QAM	1	24	16.06	16.08	17.09					
5	256QAM	12	0	16.21	16.22	16.20					
5	256QAM	12	99	16.16	16.36	16.36					
5	256QAM	12	13	16.33	16.34	16.34					
5	256QAM	12	13	16.33	16.34	16.34					
Channel											
	Frequency (MHz)			13.997	13.932	13.947	Turn-on time (dBm)				
3	QPSK	1	0	18.82	18.87	18.87					
3	QPSK	1	99	18.73	18.83	18.83					
3	QPSK	1	14	18.77	18.80	18.70					
3	QPSK	1	99	18.73	18.80	18.80					
3	QPSK	8	0	18.81	18.80	18.83					
3	QPSK	8	99	18.76	18.79	18.83					
3	QPSK	8	99	18.68	18.77	18.80					
3	16QAM	1	0	18.73	18.77	18.83					
3	16QAM	1	8	18.74	18.86	18.68					
3	16QAM	1	99	18.65	18.80	18.80					
3	16QAM	8	0	18.68	18.79	18.83					
3	16QAM	8	9	18.76	18.81	18.77					
3	16QAM	1	0	18.83	18.88	18.74					
3	16QAM	1	99	18.74	18.84	18.84					
3	16QAM	8	99	18.76	18.81	18.80					
3	16QAM	1	14	18.81	18.85	18.64					
3	16QAM	1	99	18.68	18.78	18.79					
3	16QAM	8	0	18.81	18.82	18.81					
3	256QAM	1	0	18.76	18.76	18.76					
3	256QAM	1	14	18.10	18.05	18.10					
3	256QAM	8	0	18.10	18.20	18.15	19	1			
3	256QAM	8	99	18.10	18.10	18.10					
3	256QAM	8	0	18.16	18.27	18.25					
3	256QAM	8	9	18.31	18.31	18.25					
3	256QAM	8	99	18.32	18.32	18.25	19	1			
3	256QAM	16	0	18.35	18.20	18.10					
Channel											
	Frequency (MHz)			19.976	19.932	19.994	Turn-on time (dBm)				
14	QPSK	1	0	18.87	18.87	18.87					
14	QPSK	1	99	18.87	18.81	18.82					
14	QPSK	3	0	18.86	18.87	18.87					
14	QPSK	3	99	18.81	18.80	18.80	20	0			
14	QPSK	3	9	18.70	18.78	18.70					
14											



Reduced DS4 Power for CA&EN-DTc LITE Other PA

Band 4_Ant 0									
SW Modem	Modulation	RB Size	HS Offset	Power Level	Power Ch. / Freq.	Power Ch. / Freq.	Power Ch. / Freq.	Time-to-Init (sec)	MFR (dB)
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.78	22.83	22.73		24.5	0
20	QPSK	1	0	22.88	22.83	22.83			
20	QPSK	1	90	22.62	22.86	22.61			
20	QPSK	50	0	22.17	22.26	22.18		23.5	1
20	QPSK	50	0	22.14	22.23	22.15			
20	QPSK	50	50	22.11	22.27	22.08			
20	16QAM	1	0	22.20	22.21	22.16			
20	16QAM	1	40	22.18	22.23	22.15		23.5	1
20	16QAM	50	0	21.12	21.15	21.10			
20	16QAM	50	0	21.10	21.12	21.10			
20	16QAM	50	24	21.18	21.23	21.20		22.5	2
20	16QAM	100	0	21.14	21.16	21.10			
20	64QAM	1	0	21.34	21.43	21.38		22.5	2
20	64QAM	1	40	21.08	21.38	21.31			
20	64QAM	1	90	21.22	21.30	21.21			
20	64QAM	50	1	20.15	20.21	20.16		21.5	3
20	64QAM	50	24	20.15	20.26	20.16			
20	64QAM	100	0	20.14	20.20	20.19			
20	256QAM	1	0	19.12	19.18	19.10			
20	256QAM	1	40	18.17	18.26	18.16		19.5	5
20	256QAM	1	90	18.28	18.32	18.26			
20	256QAM	50	0	18.13	18.16	18.11			
20	256QAM	50	24	18.05	18.13	18.05		19.5	5
20	256QAM	100	0	18.05	18.09	18.05			
20	256QAM	100	0	18.05	18.10	18.10			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.71	22.80	22.68		23.5	0
15	QPSK	1	37	22.68	22.87	22.63		24.5	0
15	QPSK	1	74	22.60	22.85	22.61			
15	QPSK	36	0	22.28	22.40	22.24			
15	QPSK	36	0	22.27	22.42	22.26		23.5	1
15	QPSK	36	0	22.28	22.38	22.31			
15	QPSK	75	0	22.14	22.17	22.08			
15	16QAM	1	0	21.90	21.96	21.81			
15	16QAM	1	37	21.14	21.17	21.05		23.5	1
15	16QAM	1	74	21.06	21.06	21.07			
15	16QAM	36	0	21.12	21.10	21.12			
15	16QAM	36	0	21.11	21.10	21.10		22.5	2
15	16QAM	36	59	21.02	21.07	21.03			
15	16QAM	75	0	21.02	21.03	21.03			
15	64QAM	1	0	21.25	21.31	21.21		22.5	2
15	64QAM	1	37	21.24	21.31	21.22			
15	64QAM	14	0	21.20	21.32	21.21			
15	64QAM	36	0	20.10	20.12	20.08		21.5	3
15	64QAM	36	0	20.11	20.16	20.09			
15	64QAM	36	59	20.05	20.05	20.04			
15	64QAM	75	0	20.08	20.10	20.08			
15	256QAM	1	0	19.08	19.12	19.05		19.5	5
15	256QAM	1	37	18.08	18.16	18.09			
15	256QAM	1	74	18.15	18.18	18.14			
15	256QAM	36	0	18.05	18.08	18.05		19.5	5
15	256QAM	36	0	17.85	18.07	17.88			
15	256QAM	36	59	17.85	18.01	17.84			
15	256QAM	75	0	18.00	18.00	18.00			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.70	22.80	22.60		23.5	0
10	QPSK	1	24	22.61	22.82	22.60			
10	QPSK	1	48	22.37	22.37	22.54			
10	QPSK	26	0	22.08	22.23	22.11			
10	QPSK	26	0	22.29	22.24	22.31		23.5	1
10	QPSK	26	12	22.30	22.24	22.31			
10	QPSK	48	0	22.38	22.44	22.35			
10	16QAM	1	0	21.92	21.99	21.81			
10	16QAM	1	24	21.32	21.32	21.32		23.5	1
10	16QAM	1	48	21.78	21.88	21.78			
10	16QAM	26	12	21.04	21.10	21.01		22.5	2
10	16QAM	26	12	21.04	21.10	21.01			
10	16QAM	26	12	21.04	21.10	21.01			
10	16QAM	48	0	20.08	20.12	20.11		21.5	3
10	16QAM	48	0	20.07	20.11	20.05			
10	16QAM	48	0	20.07	20.11	20.05			
10	16QAM	75	0	20.08	20.10	20.13			
10	256QAM	1	0	19.08	19.12	19.05		19.5	5
10	256QAM	1	37	18.08	18.13	18.08			
10	256QAM	1	74	18.00	18.04	18.03			
10	256QAM	26	25	17.82	18.00	17.82		19.5	5
10	256QAM	26	59	17.83	17.84	17.83			
10	256QAM	75	0	18.00	18.00	18.00			
Channel									
Frequency (MHz)									
8	QPSK	1	0	22.68	22.64	22.65		24.5	0
8	QPSK	1	12	22.61	22.68	22.68			
8	QPSK	1	24	22.44	22.46	22.46		23.5	0
8	QPSK	12	0	22.1	22.2	22.1			
8	QPSK	12	7	22.08	22.18	22.08		23.5	1
8	QPSK	12	7	22.07	22.18	22.07			
8	QPSK	24	0	22.1	22.17	22.08			
8	QPSK	24	0	22.1	22.17	22.08			
8	16QAM	1	0	21.92	22.03	21.83		23.5	1
8	16QAM	1	12	21.88	22.03	22.01			
8	16QAM	1	24	21.21	21.27	21.19			
8	16QAM	12	0	21.05	21.13	21.11		22.5	2
8	16QAM	12	19	21.03	21.05	21.03			
8	16QAM	12	19	21.04	21.11	21.04			
8	16QAM	1	0	21.26	21.38	21.31			
8	64QAM	1	12	21.32	21.4	21.23		22.5	2
8	64QAM	1	12	21.32	21.4	21.23			
8	64QAM	12	0	20.30	20.32	20.28		21.5	3
8	64QAM	12	7	20.12	20.30	20.1			
8	64QAM	12	7	20.12	20.30	20.1			
8	64QAM	25	0	20.07	20.12	20.09			
8	256QAM	1	0	19.10	19.24	19.10		19.5	5
8	256QAM	1	12	18.08	18.18	18.08			
8	256QAM	1	24	18.10	18.21	18.12			
8	256QAM	12	0	18.06	18.07	18.03		19.5	5
8	256QAM	12	19	18.07	18.08	18.02			
8	256QAM	12	19	18.07	18.07	18.02			
8	256QAM	12	19	17.87	17.96	17.87			
8	256QAM	25	0	17.85	18.03	17.85			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.75	22.80	22.64		24.5	0
3	QPSK	1	3	22.69	22.82	22.69			
3	QPSK	1	14	22.58	22.82	22.63			
3	QPSK	1	28	22.33	22.33	22.41		23.5	1
3	QPSK	8	4	22.09	22.13	22.10			
3	QPSK	8	8	22.03	22.20	21.90			
3	16QAM	1	0	22.15	22.14	22.05		23.5	1
3	16QAM	1	8	22.12	22.14	22.05			
3	16QAM	1	0	21.05	22.01	21.90			
3	16QAM	8	0	21.08	21.19	21.10			
3	16QAM	8	4	21.08	21.12	21.10		22.5	2
3	16QAM	1	0	21.25	21.30	21.29			
3	16QAM	1	8	21.23	21.33	21.29		22.5	2
3	16QAM	1	16	21.10	21.10	21.10			
3	16QAM	1	14	21.12	21.25	21.13		21.5	3
3	16QAM	1	22	21.10	21.10	21.10			
3	64QAM	8	4	20.13	20.19	20.10		21.5	3
3	64QAM	8	7	20.02	20.12	20.03			
3	64QAM	8	15	20.02	20.12	20.03			
3	256QAM	1	0	19.15	19.24	19.12		19.5	5
3	256QAM	1	8	18.08	18.17	18.08			
3	256QAM	1	16	18.10	18.19	18.10			
3	256QAM	8	0	18.06	18.06	18.06		19.5	5
3	256QAM	8	4	18.00	18.02	17.99			
3	256QAM	8	7	17.82	18.00	17.82		19.5	5
3	256QAM	15	0	17.86	18.00	18.01			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.69	22.64	22.63		24.5	0
1.4	QPSK	1	3	22.59	22.62	22.62			
1.4	QPSK	1	22.52	22.61	22.61				
1.4	QPSK	3	0	22.07	22.11	22.13		23.5	0
1.4	QPSK	3	1	22.07	22.17	22.09			
1.4	QPSK	3	1	22.07	22.17	22.09			
1.4	16QAM	1	0	22.11	22.19	22.09		23.5	1
1.4	16QAM	1	3	22.11	22.19	22.10			
1.4	16QAM	1	5	22.00	22.03	21.97		23.5	1
1.4	16QAM	1	11	21.95	21.94	21.94			
1.4	16QAM	3	1	21.12	21.15	21.11			
1.4	16QAM	3	1	21.04	21.09	21.05		22.5	2
1.4	16QAM	3	1	21.04	21.09	21.05			
1.4	16QAM	1	0	21.28	21.34	21.30		22.5	2
1.4	16QAM	1	3	21.23	21.28	21.27			
1.4	16QAM	1	11	21.22	21.33	21.33			
1.4	16QAM	3	0	20.08	20.14	20.10		21.5	3
1.4	16QAM	3	1	20.09	20.16	20.07			
1.4	16QAM	3	1	20.09	20.16	20.07			
1.4	16QAM	3	1	20.08	20.16	20.07			
1.4	256QAM	1	0	19.18	19.24	19.14		19.5	5
1.4	256QAM	3	1	17.98	18.01	17.99			
1.4	256QAM	3	1	17.91	18.01	17.99		19.5	5



Band 7_Ant 2												
SB (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Frac.	Power Mid Ch./Frac.	Power High Ch./Frac.	Turn-up (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	21.88	22.08	21.95	23.5	0				
20	QPSK	1	49	21.82	22.01	21.88						
20	QPSK	1	98	21.88	21.88	21.83						
20	QPSK	50	0	21.42	21.59	21.43						
20	QPSK	50	24	21.42	21.59	21.40						
20	QPSK	50	50	21.50	21.50	21.37	23	0.5				
20	QPSK	100	0	21.58	21.57	21.52	23	0.5				
20	QPSK	100	1	21.58	21.57	21.18						
20	16QAM	1	49	21.18	21.23	21.17						
20	16QAM	1	98	21.28	21.28	21.13						
20	16QAM	50	0	20.42	20.47	20.39						
20	16QAM	50	24	20.52	20.41	20.32	22	1.5				
20	16QAM	50	50	20.33	20.37	20.33	22	1.5				
20	16QAM	100	0	20.29	20.33	20.28						
20	16QAM	100	1	20.59	20.53	20.69						
20	16QAM	100	50	20.29	20.29	20.34						
20	16QAM	100	99	20.44	20.51	20.47						
20	16QAM	50	0	19.36	19.41	19.31	21	2.5				
20	16QAM	50	24	19.26	19.34	19.26						
20	16QAM	50	50	19.27	19.26	19.27						
20	16QAM	100	0	19.24	19.25	19.27						
20	16QAM	100	1	17.49	17.53	17.55						
20	25QAM	1	49	17.57	17.46	17.39	19	4.5				
20	25QAM	1	98	17.54	17.42	17.37						
20	25QAM	50	0	17.34	17.38	17.34						
20	25QAM	50	24	17.24	17.24	17.31						
20	25QAM	100	0	17.38	17.38	17.33						
Channel												
Frequency (MHz)												
16	QPSK	1	0	21.88	21.99	21.86	23.5	0				
16	QPSK	1	37	21.88	21.86	21.89						
16	QPSK	1	74	21.81	21.81	21.78						
16	QPSK	36	0	21.37	21.53	21.33						
16	QPSK	36	20	21.34	21.46	21.32						
16	QPSK	36	25	21.50	21.40	21.52	23	0.5				
16	QPSK	75	0	21.49	21.50	21.46	23	0.5				
16	QPSK	75	1	21.48	21.49	21.13						
16	16QAM	1	37	21.15	21.12	21.12						
16	16QAM	1	74	21.09	21.10	21.07						
16	16QAM	36	0	20.32	20.37	20.36						
16	16QAM	36	20	20.32	20.35	20.27	22	1.5				
16	16QAM	36	25	20.25	20.27	20.27						
16	16QAM	75	0	20.32	20.32	20.36						
16	16QAM	75	1	20.59	20.54	20.51						
16	16QAM	1	37	20.41	20.23	20.45						
16	16QAM	1	74	20.37	20.41	20.37	21	2.5				
16	16QAM	36	0	19.31	19.26	19.25						
16	16QAM	36	20	19.17	19.27	19.17						
16	16QAM	36	25	19.17	19.25	19.17						
16	16QAM	75	0	19.20	19.20	19.21						
16	25QAM	1	37	17.57	17.58	17.54	19	4.5				
16	25QAM	1	74	17.24	17.22	17.31						
16	25QAM	36	0	17.18	17.23	17.18						
16	25QAM	36	20	17.18	17.27	17.23						
16	25QAM	36	25	17.18	17.27	17.15						
16	25QAM	75	0	17.28	17.27	17.25	19	4.5				
Channel												
Frequency (MHz)												
10	QPSK	1	0	22.20	22.20	22.20	24	0				
10	QPSK	1	24	22.18	22.18	22.22						
10	QPSK	1	48	22.14	22.24	22.16						
10	QPSK	25	12	21.17	21.32	21.25						
10	QPSK	25	25	21.02	21.12	21.04						
10	16QAM	1	0	21.03	21.07	21.08	23	1				
10	16QAM	1	48	21.08	21.03	21.04						
10	16QAM	1	49	21.08	21.05	21.04						
10	16QAM	25	0	20.25	20.27	20.34						
10	16QAM	25	12	20.23	20.28	20.25						
10	16QAM	25	25	20.18	20.26	20.15	22	2				
10	16QAM	50	0	20.07	20.08	20.06						
10	16QAM	50	0	20.29	20.29	20.39						
10	16QAM	1	25	20.29	20.33	20.35						
10	16QAM	1	49	20.23	20.24	20.17						
10	16QAM	25	0	19.17	19.23	19.15	21	3				
10	16QAM	25	12	19.18	19.17	19.13						
10	16QAM	25	25	19.02	19.17	19.05						
10	25QAM	1	0	17.25	17.35	17.27						
10	25QAM	1	49	17.28	17.35	17.28						
10	25QAM	25	0	17.18	17.22	17.15	19	5				
10	25QAM	25	12	17.08	17.20	17.13						
10	25QAM	25	25	17.08	17.17	17.08						
10	25QAM	50	0	17.18	17.27	17.18						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.88	22.00	21.87	23.5	0				
5	QPSK	1	24	21.89	21.78	21.77						
5	QPSK	12	0	21.32	21.50	21.30						
5	QPSK	12	7	21.31	21.47	21.32						
5	QPSK	12	13	21.31	21.43	21.29						
5	QPSK	25	0	21.49	21.52	21.43	23	0.5				
5	16QAM	1	0	21.17	21.18	21.11						
5	16QAM	1	12	21.08	21.10	21.10						
5	16QAM	1	24	20.39	20.33	20.32						
5	16QAM	12	0	20.39	20.33	20.25						
5	16QAM	25	0	20.23	20.27	20.23	22	1.5				
5	16QAM	1	0	20.53	20.56	20.63						
5	16QAM	1	12	20.43	20.48	20.48						
5	16QAM	1	24	20.34	20.43	20.41						
5	16QAM	12	0	19.13	19.23	19.21						
5	16QAM	25	0	19.18	19.26	19.21	21	2.5				
5	16QAM	25	13	19.19	19.26	19.18						
5	25QAM	1	0	17.4	17.4	17.4	19	5				
5	25QAM	1	12	17.35	17.35	17.35						
5	25QAM	1	24	17.29	17.32	17.32						
5	25QAM	12	0	17.25	17.32	17.25						
5	25QAM	12	13	17.17	17.24	17.19						



Reduced DSIS Power for CA&EN-DC LTE Other PA

Band 4_Ant 0										
BSW (MHz)	Modulation	RB Size	RF Offset	Power (W)	Power (W)	Power (W)	Time-Int. (dB)	MFR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.78	22.63	22.73			24.5	0
20	QPSK	1	0	22.80	22.65	22.75				
20	QPSK	1	99	22.62	22.80	22.61				
20	QPSK	50	1	22.17	22.08	22.10				
20	QPSK	50	50	22.11	22.07	22.09				
20	QPSK	100	0	22.20	22.20	22.16			23.5	1
20	16QAM	1	0	22.06	22.06	21.98				
20	16QAM	1	49	22.10	22.20	22.15				
20	16QAM	1	99	22.06	22.13	22.06				
20	16QAM	50	0	21.15	21.15	21.10				
20	16QAM	50	24	21.18	21.23	21.20			22.5	2
20	16QAM	50	0	21.11	21.10	21.10				
20	16QAM	100	1	21.24	21.21	21.23				
20	16QAM	1	0	21.24	21.24	21.18				
20	16QAM	1	49	21.20	21.30	21.25				
20	16QAM	1	99	21.22	21.30	21.23			21.5	3
20	16QAM	50	1	20.15	20.21	20.16				
20	16QAM	50	24	20.18	20.26	20.16				
20	16QAM	50	50	20.11	20.18	20.13				
20	16QAM	50	0	20.12	20.12	20.16				
20	256QAM	1	49	18.17	18.26	18.18			19.5	5
20	256QAM	1	99	18.20	18.22	18.19				
20	256QAM	50	5	18.13	18.16	18.11				
20	256QAM	50	24	18.05	18.13	18.05				
20	256QAM	50	0	18.00	18.00	18.00				
20	256QAM	50	40	18.04	18.05	18.03			19.5	5
20	256QAM	100	0	18.05	18.10	18.02				
Channel				20093	20070	20075	Time-Int. (dB)	MFR (dB)		
Frequency (MHz)										
18	QPSK	1	0	22.71	22.65	22.68			24.5	0
18	QPSK	1	37	22.65	22.67	22.63				
18	QPSK	14	0	22.69	22.65	22.66				
18	QPSK	36	0	22.08	22.07	22.14				
18	QPSK	36	20	22.07	22.16	22.06				
18	QPSK	36	0	22.06	22.10	22.07			23.5	1
18	QPSK	75	0	22.14	22.17	22.08				
18	16QAM	1	0	22.09	22.09	22.09				
18	16QAM	1	37	22.14	22.17	22.09				
18	16QAM	1	74	21.96	22.06	21.97				
18	16QAM	1	0	21.12	21.15	21.12			22.5	2
18	16QAM	36	20	21.11	21.15	21.10				
18	16QAM	36	59	21.02	21.07	21.03				
18	16QAM	75	0	21.05	21.05	21.10				
18	16QAM	1	0	21.25	21.30	21.20				
18	16QAM	1	37	21.24	21.31	21.22			21.5	3
18	16QAM	14	0	21.09	21.09	21.11				
18	16QAM	36	0	20.10	20.12	20.08				
18	16QAM	36	20	20.11	20.16	20.07				
18	16QAM	36	59	20.05	20.06	20.04				
18	16QAM	75	0	20.09	20.10	20.10			19.5	5
18	256QAM	1	0	19.05	19.05	19.05				
18	256QAM	1	37	18.09	18.16	18.09				
18	256QAM	1	74	18.15	18.18	18.14				
18	256QAM	1	0	18.05	18.06	18.05				
18	256QAM	36	20	17.85	18.07	17.86			19.5	5
18	256QAM	36	59	17.85	18.01	17.85				
18	256QAM	75	0	18.00	18.08	18.04				
Channel				19993	19970	19975	Time-Int. (dB)	MFR (dB)		
Frequency (MHz)										
20	QPSK	1	0	22.70	22.60	22.63			24.5	0
20	QPSK	1	8	22.63	22.66	22.65				
20	QPSK	14	0	22.67	22.61	22.64				
20	QPSK	8	0	22.07	22.10	22.11				
20	QPSK	8	4	22.09	22.13	22.10				
20	QPSK	8	7	22.01	22.05	22.10			23.5	1
20	QPSK	15	0	22.15	22.14	22.08				
20	16QAM	1	0	22.05	22.05	22.05				
20	16QAM	1	8	22.10	22.14	22.07				
20	16QAM	1	14	21.88	22.03	22.01				
20	16QAM	8	0	21.05	21.13	21.08			22.5	2
20	16QAM	8	4	21.08	21.16	21.10				
20	16QAM	8	7	21.05	21.06	21.05				
20	16QAM								21.5	3
20	16QAM	8	0	20.05	20.13	20.13				
20	16QAM	8	4	20.08	20.14	20.07				
20	16QAM	8	7	20.02	20.12	20.03				
20	16QAM	15	0	20.06	20.12	20.10				
20	16QAM	15	8	20.11	20.24	20.11			19.5	5
20	16QAM	15	14	20.08	20.17	20.08				
20	16QAM	15	21	20.05	20.15	20.05				
20	16QAM	15	0	19.08	18.17	18.06				
20	16QAM	15	8	19.05	18.08	18.08				
20	256QAM	8	0	18.00	18.00	18.00			19.5	5
20	256QAM	8	4	18.00	18.06	17.98				
20	256QAM	8	7	18.03	18.07	17.95				
20	256QAM	15	0	17.96	18.06	18.01			19.5	5
Channel				19997	19970	19993	Time-Int. (dB)	MFR (dB)		
Frequency (MHz)										
14	QPSK	1	0	22.69	22.54	22.63			24.5	0
14	QPSK	1	8	22.60	22.62	22.60				
14	QPSK	14	0	22.66	22.62	22.63				
14	QPSK	8	0	22.07	22.10	22.11				
14	QPSK	8	4	22.09	22.13	22.10				
14	QPSK	8	7	22.01	22.05	22.10			23.5	1
14	QPSK	15	0	22.15	22.14	22.08				
14	16QAM	1	0	22.05	22.05	22.05				
14	16QAM	1	8	22.10	22.14	22.07				
14	16QAM	1	14	21.88	22.03	22.01				
14	16QAM	8	0	21.05	21.13	21.10			22.5	2
14	16QAM	8	4	21.08	21.16	21.10				
14	16QAM	8	7	21.05	21.06	21.05				
14	16QAM								21.5	3
14	16QAM	8	0	20.05	20.13	20.13				
14	16QAM	8	4	20.08	20.14	20.07				
14	16QAM	8	7	20.02	20.12	20.03				
14	16QAM	15	0	20.06	20.14	20.07				
14	256QAM	1	0	18.20	18.20	18.12			19.5	5
14	256QAM	1	8	18.20	18.20	18.12				
14	256QAM	1	14	18.00	18.04	18.04				
14	256QAM	8	0	17.90	18.03	17.90			19.5	5
14	256QAM	8	4	17.90	18.03	17.90				
14	256QAM	8	7	17.81	18.01	17.80				



Band 7_Ant 2												
SB (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Frac.	Power Mid Ch./Frac.	Power High Ch./Frac.	Turn-up (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.89	20.21	19.88						
20	QPSK	1	49	19.89	20.21	19.88	21	0				
20	QPSK	1	99	19.82	19.82	19.79						
20	QPSK	50	0	20.00	20.02	19.99						
20	QPSK	50	24	19.99	20.01	19.98	21	0				
20	QPSK	50	50	19.88	19.99	19.88						
20	QPSK	100	0	20.11	20.12	20.07						
20	QPSK	1	0	19.89	19.79	19.61						
20	16QAM	1	49	19.81	19.68	19.62	21	0				
20	16QAM	1	99	19.89	19.79	19.69						
20	16QAM	50	0	20.00	20.00	19.97						
20	16QAM	50	24	19.97	19.96	19.87	21	0				
20	16QAM	50	50	19.89	19.99	19.89						
20	16QAM	100	0	19.77	19.81	19.77						
20	16QAM	1	0	20.03	20.03	20.03	21	0				
20	16QAM	1	99	19.94	20.01	19.97						
20	16QAM	50	0	19.99	19.94	19.94						
20	16QAM	50	24	19.97	19.92	19.94	21	0				
20	16QAM	50	50	19.87	19.90	19.87						
20	16QAM	100	0	19.79	19.79	19.79						
20	25QAM	1	0	17.54	17.68	17.55						
20	25QAM	1	49	17.41	17.50	17.43	19	2				
20	25QAM	1	99	17.50	17.47	17.43						
20	25QAM	50	0	17.35	17.38	17.35						
20	25QAM	50	24	17.34	17.44	17.31	19	2				
20	25QAM	50	50	17.29	17.30	17.28						
20	25QAM	100	0	17.39	17.39	17.31						
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.89	19.81	19.81						
15	QPSK	1	37	19.88	19.83	19.82	21	0				
15	QPSK	1	74	19.84	19.81	19.71						
15	QPSK	36	0	20.03	20.02	20.03						
15	QPSK	36	20	20.03	20.03	19.99	21	0				
15	QPSK	36	50	19.79	20.04	19.89						
15	QPSK	75	0	20.08	20.01	20.00						
15	QPSK	1	0	19.89	19.84	19.84						
15	16QAM	1	37	19.83	19.89	19.84	21	0				
15	16QAM	1	74	19.83	19.74	19.69						
15	16QAM	36	0	19.89	19.89	19.82						
15	16QAM	36	20	19.82	19.89	19.81						
15	16QAM	36	50	19.88	19.81	19.80	21	0				
15	16QAM	75	0	19.89	19.82	19.71						
15	16QAM	1	0	20.03	20.03	20.00	21	0				
15	16QAM	1	37	19.89	19.84	19.84						
15	16QAM	1	74	19.89	19.82	19.82						
15	16QAM	36	0	19.40	19.40	19.31						
15	16QAM	36	20	19.37	19.37	19.35						
15	16QAM	36	50	19.36	19.42	19.35	21	0				
15	25QAM	1	37	17.34	17.34	17.34	19	2				
15	25QAM	1	74	17.37	17.47	17.33						
15	25QAM	36	0	17.31	17.38	17.35						
15	25QAM	36	20	17.29	17.39	17.35	19	2				
15	25QAM	36	50	17.32	17.30	17.28						
15	25QAM	75	0	17.40	17.38	17.29						
Channel												
Frequency (MHz)												
10	QPSK	1	0	19.89	19.84	19.89						
10	QPSK	1	25	19.89	19.80	19.88	21	0				
10	QPSK	1	49	19.73	19.86	19.74						
10	QPSK	25	0	19.89	19.87	19.80						
10	QPSK	25	12	19.87	19.82	19.84	21	0				
10	QPSK	25	25	19.79	19.89	19.89						
10	QPSK	50	0	20.02	20.04	20.02						
10	QPSK	50	12	19.87	19.82	19.84	21	0				
10	QPSK	50	25	19.79	19.89	19.89						
10	16QAM	1	0	19.89	19.79	19.68						
10	16QAM	1	49	19.87	19.71	19.68	21	0				
10	16QAM	1	99	19.89	19.69	19.69						
10	16QAM	25	0	20.03	20.00	20.01						
10	16QAM	25	12	19.89	19.80	19.85	21	0				
10	16QAM	25	25	19.89	19.84	19.81						
10	16QAM	50	0	19.81	19.80	19.67						
10	16QAM	50	12	19.89	19.79	19.71						
10	16QAM	1	25	20.00	20.00	20.04	21	0				
10	16QAM	1	49	19.89	19.84	19.86						
10	16QAM	1	99	19.89	19.79	19.69						
10	16QAM	25	0	19.89	19.84	19.84	21	0				
10	16QAM	25	12	19.87	19.84	19.83						
10	16QAM	25	25	19.87	19.82	19.82	21	0				
10	16QAM	50	0	19.89	19.84	19.84						
10	16QAM	50	12	19.87	19.82	19.82						
10	25QAM	1	0	17.40	17.52	17.48	19	2				
10	25QAM	1	49	17.40	17.44	17.45						
10	25QAM	25	0	17.39	17.35	17.33						
10	25QAM	25	12	17.39	17.40	17.35	19	2				
10	25QAM	25	25	17.34	17.38	17.27						
10	25QAM	50	0	17.27	17.25	17.25						
Channel												
Frequency (MHz)												
5	QPSK	1	0	19.89	19.86	19.81						
5	QPSK	1	12	19.89	19.87	19.83	21	0				
5	QPSK	1	24	19.74	19.78	19.78						
5	QPSK	12	0	20.00	20.02	19.99						
5	QPSK	12	7	19.94	20.04	19.91	21	0				
5	QPSK	12	13	19.83	19.86	19.80						
5	QPSK	24	0	20.02	20.04	20.03						
5	16QAM	1	0	19.89	19.86	19.86						
5	16QAM	1	12	19.88	19.73	19.67	21	0				
5	16QAM	1	24	19.67	19.68	19.67						
5	16QAM	12	0	19.89	19.69	19.69						
5	16QAM	12	7	19.89	19.61	19.79	21	0				
5	16QAM	12	13	19.83	19.86	19.83						
5	16QAM	24	0	19.89	19.86	19.79						
5	16QAM	1	0	20.00	20.01	20.04	21	0				
5	16QAM	1	24	19.89	19.69	19.69						
5	16QAM	12	0	19.89	19.84	19.78	21	0				
5	16QAM	12	7	19.89	19.84	19.79						
5	16QAM	12	13	19.82	19.81	19.82						
5	16QAM	25	0	19.89	19.84	19.79						
5	25QAM	1	0	17.39	17.52	17.42	19	2				
5	25QAM	1	49	17.39	17.44	17.41						
5	25QAM	12	0	17.40	17.38	17.38						
5	25QAM	12	7	17.37	17.30	17.43	19	2				
5	25QAM	12	13	17.21	17.30	17.19						
5	25QAM	25	0	17.29	17.31	17.24						

Band 7_Ant 3												
SB BAND	Modulation	RB Size	RB Offset	Power Low Ch./Frac.	Power Mid Ch./Frac.	Power High Ch./Frac.	Turn-up (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	19.33	19.46	19.39						
20	QPSK	1	49	19.33	19.47	19.39	21	0				
20	QPSK	1	99	19.34	19.39	19.36						
20	QPSK	50	0	19.29	19.45	19.31						
20	QPSK	50	24	19.29	19.39	19.30	21	0				
20	QPSK	50	50	19.15	19.34	19.20						
20	QPSK	100	0	19.33	19.34	19.31						
20	16QAM	1	49	19.18	19.26	19.17	21	0				
20	16QAM	1	99	19.15	19.29	19.15						
20	16QAM	50	0	19.42	19.36	19.42						
20	16QAM	50	24	19.34	19.35	19.36						
20	16QAM	50	50	19.29	19.39	19.30	21	0				
20	16QAM	100	0	19.19	19.24	19.16						
20	64QAM	1	0	19.44	19.42	19.37						
20	64QAM	1	49	19.37	19.39	19.37	21	0				
20	64QAM	1	99	19.30	19.31	19.29						
20	64QAM	50	0	19.29	19.39	19.30						
20	64QAM	50	24	19.21	19.24	19.17						
20	64QAM	50	50	19.10	19.22	19.15						
20	256QAM	1	0	19.33	19.41	19.34						
20	256QAM	1	5	17.37	17.43	17.39						
20	256QAM	1	49	17.36	17.42	17.37	19	1				
20	256QAM	1	99	17.33	17.41	17.34						
20	256QAM	50	0	17.30	17.33	17.29						
20	256QAM	50	24	17.16	17.32	17.18						
20	256QAM	50	50	17.13	17.27	17.16	19	1				
20	256QAM	100	0	17.23	17.31	17.22						
Channel												
Frequency (MHz)												
15	QPSK	1	0	19.31	19.41	19.34						
15	QPSK	1	74	19.14	19.28	19.16						
15	QPSK	1	124	19.12	19.28	19.18						
15	QPSK	36	0	19.27	19.32	19.30						
15	QPSK	36	18	19.27	19.32	19.30	20	0				
15	QPSK	36	36	19.00	19.17	19.23						
15	QPSK	75	0	19.22	19.28	19.26						
15	QPSK	75	37	19.06	19.15	19.13						
15	16QAM	1	37	19.14	19.17	19.13						
15	16QAM	1	74	19.13	19.05	19.06						
15	16QAM	36	0	19.36	19.31	19.29						
15	16QAM	36	36	19.23	19.24	19.27						
15	16QAM	75	0	19.07	19.15	19.08						
15	64QAM	1	0	19.31	19.34	19.32						
15	64QAM	1	37	19.23	19.26	19.25	19	0				
15	64QAM	1	74	19.22	19.20	19.21						
15	64QAM	36	0	19.16	19.21	19.18						
15	64QAM	36	36	19.17	19.16	19.18						
15	64QAM	75	0	19.11	19.04	19.05						
15	64QAM	75	37	19.24	19.25	19.26						
15	256QAM	1	37	17.33	17.31	17.32						
15	256QAM	1	74	17.29	17.32	17.30	19	1				
15	256QAM	36	0	17.29	17.27	17.18						
15	256QAM	36	36	17.12	17.27	17.18						
15	256QAM	75	0	17.28	17.31	17.29	19	1				
15	256QAM	75	37	17.18	17.28	17.17						
Channel												
Frequency (MHz)												
10	QPSK	1	0	19.27	19.39	19.34						
10	QPSK	1	25	19.16	19.27	19.32						
10	QPSK	1	50	19.13	19.27	19.28						
10	QPSK	26	0	19.17	19.33	19.33						
10	QPSK	26	12	19.17	19.30	19.24						
10	QPSK	26	25	19.17	19.30	19.22						
10	QPSK	50	0	19.21	19.21	19.26						
10	QPSK	50	25	19.13	19.26	19.17	19	0				
10	16QAM	1	25	19.00	19.21	19.10						
10	16QAM	1	49	19.13	19.06	19.13						
10	16QAM	25	0	19.34	19.23	19.30						
10	16QAM	25	12	19.30	19.33	19.27						
10	16QAM	25	25	19.16	19.20	19.20						
10	16QAM	50	0	19.19	19.19	19.19						
10	16QAM	1	0	19.34	19.39	19.30						
10	64QAM	1	25	19.03	19.33	19.20						
10	64QAM	1	49	19.16	19.29	19.24						
10	64QAM	25	0	19.17	19.17	19.13						
10	64QAM	25	12	19.17	19.27	19.24						
10	64QAM	25	25	19.07	19.20	19.08						
10	256QAM	1	25	19.17	19.27	19.24						
10	256QAM	1	49	17.21	17.20	17.23						
10	256QAM	25	0	17.23	17.28	17.28						
10	256QAM	25	12	17.00	17.22	17.14						
10	256QAM	25	25	17.14	17.22	17.14						
10	256QAM	50	0	17.17	17.22	17.15						
Channel												
Frequency (MHz)												
5	QPSK	1	0	19.30	19.44	19.35						
5	QPSK	1	12	19.18	19.31	19.40						
5	QPSK	1	25	19.15	19.29	19.34	20	0				
5	QPSK	12	0	19.30	19.36	19.33						
5	QPSK	12	7	19.18	19.25	19.24						
5	QPSK	12	12	19.33	19.32	19.33						
5	QPSK	26	0	19.24	19.29	19.26						
5	16QAM	1	0	19.03	19.14	19.02						
5	16QAM	1	12	19.19	19.18	19.19						
5	16QAM	1	24	19.11	19.01	19.04						
5	16QAM	12	0	19.18	19.18	19.18						
5	16QAM	12	7	19.20	19.22	19.23						
5	16QAM	12	13	19.24	19.31	19.22						
5	16QAM	26	0	19.04	19.24	19.19						
5	64QAM	1	0	19.30	19.38	19.30						
5	64QAM	1	12	19.34	19.34	19.23						
5	64QAM	12	7	19.19	19.29	19.29						
5	64QAM	12	0	19.13	19.24	19.06						
5	64QAM	12	13	19.18	19.16	19.11						
5	256QAM	1	0	19.12	19.07	19.08						
5	256QAM	1	12	17.25	17.25	17.26						
5	256QAM	1	12	17.24	17.31	17.27						
5	256QAM	1	24	17.28	17.30	17.27						
5	256QAM	12	0	17.12	17.22	17.12						
5	256QAM	12	7	17.10	17.21	17.15						
5	256QAM	25	0	17.11	17.12	17.04						
5	256QAM	25	12	17.14	17.26	17.17						



Default Power for 5G NR

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power L1P Ch.F.Freq.	Power L1M Ch.F.Freq.	Power L1S Ch.F.Freq.	Time-up Time (sec)	MPT (dB)	
Channel									
Frequency (MHz)				8.94	8.94.5	8.95			
20	PR2-BPSS	1	1	24.42	24.50	24.52			
20	PR2-BPSS	1	53	24.47	24.52	24.53	20.5	0.0	
20	PR2-BPSS	1	104	24.34	24.31	24.31			
20	PR2-BPSS	50	0	24.58	24.52	24.53	20.5	0.0	
20	PR2-BPSS	50	28	24.52	24.53	24.53	20.5	0.0	
20	PR2-BPSS	100	0	24.17	24.48	24.23	20.5	0.0	
20	QPSK	1	1	24.52	24.52	24.52			
20	QPSK	1	53	24.52	24.57	24.53	20.5	0.0	
20	QPSK	1	104	24.53	24.41	24.57			
20	QPSK	50	0	24.28	24.52	24.52	24.5	1.0	
20	QPSK	50	28	24.54	24.54	24.54	24.5	1.0	
20	QPSK	50	56	24.77	24.97	24.76	24.5	1.0	
20	QPSK	100	0	24.58	24.58	24.58	24.5	1.0	
20	16QAM	1	1	24.58	24.58	24.57	24.5	1.0	
20	16QAM	1	1	24.52	24.52	24.50	24.5	2.0	
20	256QAM	1	1	24.57	24.57	24.57	24.5	2.0	
Channel									
Frequency (MHz)				100.00	107.00	108.00		MPT	
10	PR2-BPSS	1	1	24.32	24.62	24.47	20.5	0.0	
Channel									
Frequency (MHz)				3.07	3.07.5	3.08		MPT	
10	PR2-BPSS	1	1	100.00	107.00	108.00		MPT	
Channel									
Frequency (MHz)				24.40	24.50	24.20	20.5	0.0	
5	PR2-BPSS	1	1	24.40	24.50	24.20	20.5	0.0	

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power L1P Ch.Freq.	Power L1M Ch.Freq.	Power L1S Ch.Freq.	Time-up Time (sec)	MPT (dB)	
Channel									
Frequency (MHz)				8.94	8.94.5	8.95			
20	PR2-BPSS	1	53	24.53	24.53	24.44			
20	PR2-BPSS	1	104	24.42	24.37	24.33	20.5	0.0	
20	PR2-BPSS	50	0	24.55	24.56	24.53	20.5	0.0	
20	PR2-BPSS	50	28	24.53	24.55	24.50	20.5	0.0	
20	PR2-BPSS	100	0	24.58	24.57	24.56	20.5	0.0	
20	QPSK	1	1	24.51	24.51	24.50			
20	QPSK	1	53	24.41	24.50	24.52	20.5	0.0	
20	QPSK	1	104	24.43	24.47	24.50			
20	QPSK	50	0	24.59	24.11	24.57	24.5	1.0	
20	QPSK	50	28	24.24	24.24	24.14	24.5	1.0	
20	QPSK	50	56	24.53	24.48	24.38	24.5	1.0	
20	QPSK	100	0	24.57	24.56	24.56	24.5	1.0	
20	16QAM	1	1	24.51	24.56	24.56	24.5	1.0	
20	16QAM	1	1	24.55	24.57	24.41	20.5	0.0	
20	256QAM	1	1	24.52	24.58	24.43	24.5	2.0	
Channel									
Frequency (MHz)				100.00	107.00	108.00		MPT	
10	PR2-BPSS	1	1	24.44	24.65	24.31	20.5	0.0	
Channel									
Frequency (MHz)				3.07	3.07.5	3.08		MPT	
10	PR2-BPSS	1	1	100.00	107.00	108.00		MPT	
Channel									
Frequency (MHz)				24.40	24.50	24.30	20.5	0.0	
5	PR2-BPSS	1	1	24.40	24.50	24.30	20.5	0.0	

n7_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power L1P Ch.F.Freq.	Power L1M Ch.F.Freq.	Power L1S Ch.F.Freq.	Phase L1P Ch.Freq.	Time-up Time (sec)	MPT (dB)
40	PR2-BPSS	1	1	21.70	21.80	21.84			
40	PR2-BPSS	1	104	21.70	21.72	21.65	21.0	0.0	
40	PR2-BPSS	1	204	21.84	21.77	21.72			
40	PR2-BPSS	104	0	21.70	21.70	21.70	20.5	0.0	
40	PR2-BPSS	104	54	21.68	21.73	21.65	20.5	0.0	
40	PR2-BPSS	104	104	21.70	21.70	21.70	20.5	0.0	
40	PR2-BPSS	200	0	21.72	21.62	21.58	20.5	0.0	
40	QPSK	1	1	21.67	21.77	21.62			
40	QPSK	1	104	21.67	21.77	21.62	21.0	0.0	
40	QPSK	1	204	21.62	21.64	21.70			
40	QPSK	104	0	21.70	21.70	21.68	22.0	1.0	
40	QPSK	104	54	21.72	21.70	21.71	22.0	1.0	
40	QPSK	104	104	21.68	21.68	21.62	22.0	1.0	
40	16QAM	1	1	21.70	21.68	21.67	20.0	1.0	
40	16QAM	1	1	21.62	21.62	21.61	20.0	2.0	
40	256QAM	1	1	21.61	21.61	21.57	20.0	2.0	
Channel									
Frequency (MHz)				200.00	207.00	210.00		MPT	
20	PR2-BPSS	1	1	21.67	21.64	21.65	20.5	0.0	
Channel									
Frequency (MHz)				21.72	21.71	21.67		MPT	
20	PR2-BPSS	1	1	21.72	21.70	21.66	21.0	0.0	
Channel									
Frequency (MHz)				100.00	107.00	110.00		MPT	
10	PR2-BPSS	1	1	21.80	21.77	21.85	21.0	0.0	
Channel									
Frequency (MHz)				21.70	21.70	21.67	20.5	0.0	
10	PR2-BPSS	1	1	21.70	21.70	21.67	20.5	0.0	
Channel									
Frequency (MHz)				100.00	107.00	110.00		MPT	
5	PR2-BPSS	1	1	21.68	21.70	21.61	21.0	0.0	



n7_Ant 1												
BSI (MHz)	Isolation	RF Size	RF Offset	Power L1p Ch.1 Freq.	Power L1p Ch.2 Freq.	Power L1p Ch.3 Freq.	Power L1p Ch.4 Freq.	Time-up time (min)	MPLD (dB)			
Channel												
Frequency (MHz)				2500	2500	2500	2500					
40 (P12-BPSC)	1	1	22.31	22.30	22.30							
40 (P12-BPSC)	1	108	22.70	22.69	22.70			24.0	0.0			
40 (P12-BPSC)	1	214	22.10	22.09	22.10							
40 (P12-BPSC)	108	0	22.09	22.11	22.09			25.0	0.0			
40 (P12-BPSC)	108	54	22.14	22.11	22.13			24.0	0.0			
40 (P12-BPSC)	108	108	22.03	22.10	22.06			24.0	0.0			
40 (P12-BPSC)	210	0	22.02	22.08	22.05			24.0	0.0			
40 (BPSC)	1		22.02	22.02	22.02							
40 (BPSC)	1	108	22.11	22.07	22.18			24.0	0.0			
40 (BPSC)	1	214	22.01	22.03	22.01							
40 (BPSC)	108	0	21.97	21.79	21.82			22.0	1.0			
40 (BPSC)	108	54	22.14	22.04	22.04			24.0	0.0			
40 (BPSC)	108	108	21.82	21.78	21.85			23.0	1.0			
40 (BPSC)	210	0	21.97	21.96	21.96							
40 (ISCMV)	1	1	22.02	22.02	22.02			20.0	1.0			
40 (ISCMV)	1	1	22.48	22.70	22.40			21.0	2.0			
40 (ISCMV)	1	1	22.02	22.02	22.02			15.0	0.0			
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
30 (P12-BPSC)	1	1	22.12	22.22	21.94	24.0	0.0					
Channel												
Frequency (MHz)				2512.5	2500	2512.5	0.0 <td colspan="3"></td>					
30 (P12-BPSC)	1	1	22.04	22.04	22.04	24.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
30 (P12-BPSC)	1	1	24.10	24.21	24.19	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0 <td colspan="3"></td>					
30 (P12-BPSC)	1	1	24.09	24.30	24.11	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
15 (P12-BPSC)	1	1	24.30	24.31	24.19	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0 <td colspan="3"></td>					
15 (P12-BPSC)	1	1	24.37	24.36	24.37	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
5 (P12-BPSC)	1	1	24.28	24.30	24.27	20.0	0.0					

n7_Ant 2												
BSI (MHz)	Isolation	RF Size	RF Offset	Power L1p Ch.1 Freq.	Power L1p Ch.2 Freq.	Power L1p Ch.3 Freq.	Power L1p Ch.4 Freq.	Time-up time (min)	MPLD (dB)			
Channel												
Frequency (MHz)				2400	2400	2400	2400					
40 (P12-BPSC)	1	1	24.31	24.33	24.25							
40 (P12-BPSC)	1	108	24.11	24.10	24.11			20.0	0.0			
40 (P12-BPSC)	1	214	24.12	24.04	24.14							
40 (P12-BPSC)	108	0	24.10	24.10	24.04			20.0	0.0			
40 (P12-BPSC)	108	54	24.10	24.07	24.10			20.0	0.0			
40 (P12-BPSC)	108	108	24.04	24.10	24.01			20.0	0.0			
40 (P12-BPSC)	210	0	24.10	24.01	24.11			20.0	0.0			
40 (BPSC)	1	1	24.11	24.01	24.10							
40 (BPSC)	1	108	24.10	24.01	24.07			20.0	0.0			
40 (BPSC)	1	214	24.01	24.00	24.01							
40 (BPSC)	108	0	24.02	23.92	24.02			1.0				
40 (BPSC)	108	54	24.01	24.11	24.01			2.0				
40 (BPSC)	108	108	23.99	23.93	23.98			1.0				
40 (BPSC)	210	0	23.98	23.91	23.96			1.0				
40 (ISCMV)	1	1	24.04	24.01	24.00			20.0	0.0			
40 (ISCMV)	1	1	24.30	24.40	24.30			20.0	0.0			
40 (ISCMV)	1	1	24.10	24.10	24.10			15.0	0.0			
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
30 (P12-BPSC)	1	1	24.30	24.31	24.19	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0					
30 (P12-BPSC)	1	1	24.29	24.29	24.17	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
15 (P12-BPSC)	1	1	24.30	24.31	24.19	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0					
15 (P12-BPSC)	1	1	24.37	24.36	24.37	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
5 (P12-BPSC)	1	1	24.28	24.30	24.27	20.0	0.0					

n7_Ant 3												
BSI (MHz)	Modulation	RF Size	RF Offset	Power L1p Ch.1 Freq.	Power L1p Ch.2 Freq.	Power L1p Ch.3 Freq.	Power L1p Ch.4 Freq.	Time-up time (min)	MPLD (dB)			
Channel												
Frequency (MHz)				2400	2400	2400	2400					
40 (P12-BPSC)	1	1	24.10	24.00	24.12							
40 (P12-BPSC)	1	108	24.70	24.67	24.70			20.0	0.0			
40 (P12-BPSC)	1	214	24.68	24.80	24.67							
40 (P12-BPSC)	108	0	24.67	24.69	24.65			24.7	0.0			
40 (P12-BPSC)	108	54	24.61	24.63	24.67			20.0	0.0			
40 (P12-BPSC)	108	108	24.10	24.20	24.10			24.7	0.0			
40 (P12-BPSC)	210	0	24.10	24.20	24.00							
40 (BPSC)	1	1	24.70	24.60	24.60							
40 (BPSC)	1	108	24.69	24.68	24.67			20.0	0.0			
40 (BPSC)	1	214	24.67	24.61	24.60							
40 (BPSC)	108	0	24.68	24.64	24.60			24.2	1.0			
40 (BPSC)	108	54	24.64	24.60	24.60			24.2	1.0			
40 (BPSC)	108	108	24.72	24.67	24.60			24.2	1.0			
40 (BPSC)	210	0	24.68	24.60	24.60							
40 (ISCMV)	1	1	24.68	24.70	24.60			24.2	1.0			
40 (ISCMV)	1	1	22.10	22.44	22.37			20.0	2.0			
40 (ISCMV)	1	1	24.60	24.60	24.60			20.0	0.0			
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
30 (P12-BPSC)	1	1	24.68	24.74	24.60	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0					
30 (P12-BPSC)	1	1	24.63	24.63	24.60	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
15 (P12-BPSC)	1	1	24.70	24.60	24.70	20.0	0.0					
Channel												
Frequency (MHz)				2412.5	2400	2412.5	0.0					
15 (P12-BPSC)	1	1	24.69	24.60	24.64	20.0	0.0					
Channel												
Frequency (MHz)				30000	30700	31000	Time-up time (min)	MPLD (dB)				
5 (P12-BPSC)	1	1	24.64	24.67	24.60	20.0	0.0					

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n38_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	22.15	22.32	22.06			
40	PI2 BPSK	1	53	22.16	22.14	22.11	23.0	0.0	
40	PI2 BPSK	1	104	22.19	22.10	22.03			
40	PI2 BPSK	50	9	22.94	22.07	22.04	22.5	0.5	
40	PI2 BPSK	50	28	22.04	22.08	22.06	23.0	0.0	
40	PI2 BPSK	50	56	21.52	21.39	21.49	22.5	0.5	
40	PI2 BPSK	100	9	21.60	21.67	21.54			
40	QPSK	1	1	22.06	22.12	22.06			
40	QPSK	1	53	22.01	22.21	22.13	23.0	0.0	
40	QPSK	1	104	22.08	22.13	21.98			
40	QPSK	50	9	21.45	21.61	21.47			
40	QPSK	50	28	22.09	22.17	21.98	23.0	0.0	
40	QPSK	50	56	21.03	21.05	21.01			
40	QPSK	100	9	20.86	20.88	20.74	22.0	1.0	
40	16QAM	1	1	20.94	20.98	20.84	22.0	1.0	
40	64QAM	1	1	19.95	20.09	20.07	20.5	2.5	
40	256QAM	1	1	17.74	17.82	17.78	18.5	4.5	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	22.14	22.15	22.06	23.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	22.16	22.25	22.02	23.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.08	22.23	21.93	23.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	22.02	22.29	21.96	23.0	0.0	

n38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	22.78	22.50	22.85			
40	PI2 BPSK	1	53	22.71	22.75	22.81	24.0	0.0	
40	PI2 BPSK	1	104	22.71	22.70	22.80			
40	PI2 BPSK	50	9	22.51	22.53	22.54	23.5	0.5	
40	PI2 BPSK	50	28	22.47	22.55	22.49	24.0	0.0	
40	PI2 BPSK	50	56	22.49	22.52	22.48			
40	PI2 BPSK	100	9	21.56	22.48	21.52	23.5	0.5	
40	QPSK	1	1	22.67	22.67	22.64			
40	QPSK	1	53	22.55	22.50	22.49	24.0	0.0	
40	QPSK	1	104	22.39	22.04	22.47			
40	QPSK	50	9	22.43	22.68	22.67			
40	QPSK	50	28	22.54	22.68	22.90	24.0	0.0	
40	QPSK	50	56	22.58	22.75	22.54			
40	QPSK	100	9	21.52	21.71	21.53	23.0	1.0	
40	16QAM	1	1	21.44	21.44	21.50	23.0	1.0	
40	64QAM	1	1	20.48	20.69	20.54	21.5	2.5	
40	256QAM	1	1	18.15	18.24	18.18	19.5	4.5	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	22.65	22.55	22.64	24.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	22.60	22.77	22.84	24.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.75	22.78	22.72	24.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.70	22.75	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	22.75	22.78	22.87	24.0	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 518004	Power Middle Ch. / Freq. 519000	Power High Ch. / Freq. 519996	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	24.44	24.87	24.51			
40	PI2-BPSK	1	53	24.46	24.44	24.47	25.0	0.0	
40	PI2-BPSK	1	104	24.45	24.53	24.55			
40	PI2-BPSK	50	9	24.37	24.36	24.27	24.5	0.5	
40	PI2-BPSK	50	28	24.33	24.45	24.38	25.0	0.0	
40	PI2-BPSK	50	56	24.33	24.33	24.32			
40	PI2-BPSK	100	9	24.12	24.37	24.10	24.5	0.5	
40	QPSK	1	1	24.44	24.34	24.35			
40	QPSK	1	53	24.39	24.33	24.36	25.0	0.0	
40	QPSK	1	104	24.41	24.39	24.40			
40	QPSK	50	9	24.39	24.62	24.35			
40	QPSK	50	28	24.39	24.40	24.42	25.0	0.0	
40	QPSK	50	56	24.34	24.44	24.41			
40	QPSK	100	9	23.43	23.54	23.51	24.0	1.0	
40	16QAM	1	1	23.84	23.98	23.92	24.0	1.0	
40	64QAM	1	1	22.69	22.48	22.41	22.5	2.5	
40	256QAM	1	1	20.48	20.42	20.48	20.5	4.5	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	24.87	24.82	24.96	25.0	0.0	
Channel									
Frequency (MHz)									
20	PI2-BPSK	1	1	24.50	24.54	24.59	25.0	0.0	
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.34	24.81	24.46	25.0	0.0	
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	24.41	24.65	24.41	25.0	0.0	

n38_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up	MPR (dB)	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	24.59	24.65	24.49			
40	PV2 BPSK	1	53	24.53	24.54	24.49	25.5	0.0	
40	PV2 BPSK	1	104	24.40	24.49	24.56			
40	PV2 BPSK	50	9	24.41	24.45	24.36	25.0	0.5	
40	PV2 BPSK	50	28	24.57	24.58	24.56	25.5	0.0	
40	PV2 BPSK	50	56	24.31	24.33	24.27			
40	PV2 BPSK	100	9	23.91	23.94	23.92	25.0	0.5	
40	QPSK	1	1	24.49	24.52	24.49			
40	QPSK	1	53	24.20	24.29	24.11	25.5	0.0	
40	QPSK	1	104	23.99	24.03	23.91			
40	QPSK	50	9	23.39	23.55	23.38			
40	QPSK	50	28	24.14	24.34	24.16	25.5	0.0	
40	QPSK	50	56	23.36	23.46	23.23			
40	QPSK	100	9	23.30	23.41	23.25	24.5	1.0	
40	16QAM	1	1	23.29	23.43	23.25	24.5	1.0	
40	64QAM	1	1	22.22	22.20	22.08	23.0	2.5	
40	256QAM	1	1	19.93	20.02	19.79	21.0	4.5	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	24.40	24.63	24.36	25.5	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	24.42	24.47	24.38	25.5	0.0	
Channel									
Frequency (MHz)									
15	PV2 BPSK	1	1	24.53	24.63	24.46	25.5	0.0	
Channel									
Frequency (MHz)									
10	PV2 BPSK	1	1	24.48	24.63	24.39	25.5	0.0	

n41_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 960000	Power Middle Ch. / Freq. 916800	Power High Ch. / Freq. 873600	Tune-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	21.96	22.08	21.95			
100	PV2 BPSK	1	137	22.02	22.06	22.04	23.0	0.0	
100	PV2 BPSK	1	271	21.97	21.99	22.00			
100	PV2 BPSK	135	9	21.71	21.73	21.73	22.5	0.5	
100	PV2 BPSK	135	69	21.72	21.85	21.73	23.0	0.0	
100	PV2 BPSK	135	138	21.48	21.55	21.46			
100	PV2 BPSK	270	9	21.19	21.41	21.26	22.5	0.5	
100	QPSK	1	1	21.92	22.01	21.84			
100	QPSK	1	137	21.93	22.07	21.90	23.0	0.0	
100	QPSK	1	271	21.89	22.04	21.87			
100	QPSK	135	9	21.97	22.03	21.95			
100	QPSK	135	69	21.87	22.03	21.88	23.0	0.0	
100	QPSK	135	138	21.02	21.02	21.03			
100	QPSK	270	9	20.96	21.09	20.90	22.0	1.0	
100	16QAM	1	1	20.87	21.09	20.93	22.0	1.0	
100	64QAM	1	1	19.55	19.58	19.55	20.5	2.5	
100	256QAM	1	1	17.68	17.73	17.73	18.5	4.5	
Channel									
Frequency (MHz)									
90	PV2 BPSK	1	1	21.91	22.05	21.93	23.0	0.0	
Channel									
Frequency (MHz)									
80	PV2 BPSK	1	1	21.96	22.09	21.83	23.0	0.0	
Channel									
Frequency (MHz)									
70	PV2 BPSK	1	1	21.84	22.03	21.90	23.0	0.0	
Channel									
Frequency (MHz)									
60	PV2 BPSK	1	1	21.87	22.06	21.83	23.0	0.0	
Channel									
Frequency (MHz)									
50	PV2 BPSK	1	1	21.11	22.01	21.85	23.0	0.0	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	21.56	22.07	22.09	23.0	0.0	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	21.84	22.04	21.95	23.0	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	21.92	22.04	21.87	23.0	0.0	

n41_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. (MHz)	Power Middle Ch. / Freq. (MHz)	Power High Ch. / Freq. (MHz)	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	22.83	22.83	22.83			
100	PV2 BPSK	1	137	22.58	22.54	22.36	23.5	0.0	
100	PV2 BPSK	1	271	22.90	22.49	22.34			
100	PV2 BPSK	135	9	22.31	22.33	22.31	23.0	0.5	
100	PV2 BPSK	135	69	22.32	22.34	22.31	23.5	0.0	
100	PV2 BPSK	135	138	22.13	22.23	22.01			
100	PV2 BPSK	270	9	22.24	22.33	22.26	23.0	0.5	
100	QPSK	1	1	22.56	22.60	22.61			
100	QPSK	1	137	22.51	22.48	22.34	23.5	0.0	
100	QPSK	1	271	22.40	22.40	22.26			
100	QPSK	135	9	21.95	22.05	21.84			
100	QPSK	135	69	22.40	22.48	22.42	23.5	0.0	
100	QPSK	135	138	21.81	21.83	21.72			
100	QPSK	270	9	21.73	21.84	21.84	22.5	1.0	
100	16QAM	1	1	22.28	22.40	22.27	22.5	1.0	
100	64QAM	1	1	20.66	20.75	20.69	21.0	2.5	
100	256QAM	1	1	18.48	18.59	18.45	19.0	4.5	
Channel									
Frequency (MHz)									
90	PV2 BPSK	1	1	22.48	22.83	22.82	23.5	0.0	
Channel									
Frequency (MHz)									
80	PV2 BPSK	1	1	22.51	22.58	22.45	23.5	0.0	
Channel									
Frequency (MHz)									
70	PV2 BPSK	1	1	22.83	22.82	22.46	23.5	0.0	
Channel									
Frequency (MHz)									
60	PV2 BPSK	1	1	22.83	22.87	22.41	23.5	0.0	
Channel									
Frequency (MHz)									
50	PV2 BPSK	1	1	22.49	22.58	22.45	23.5	0.0	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	22.40	22.51	22.23	23.5	0.0	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	22.83	22.85	22.48	23.5	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	22.43	22.54	22.45	23.5	0.0	

n41_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 506020	Power Main Ch. Freq. 506020	Power High Ch. Freq. 506020	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.11	24.25	24.13			
100	P12 BPSK	1	137	24.07	24.08	24.00	25.0	0.0	
100	P12 BPSK	1	271	24.10	24.12	24.02			
100	P12 BPSK	135	9	23.71	23.69	23.60	24.5	0.5	
100	P12 BPSK	135	69	24.02	24.17	24.03	25.0	0.0	
100	P12 BPSK	135	138	23.88	23.61	23.51			
100	P12 BPSK	219	0	23.52	23.53	23.50	24.5	0.5	
100	QPSK	1	1	24.08	24.19	24.14			
100	QPSK	1	137	24.07	24.13	24.02	25.0	0.0	
100	QPSK	1	271	24.03	24.14	24.03			
100	QPSK	135	9	23.00	23.03	23.02			
100	QPSK	135	69	24.00	24.12	23.99	25.0	0.0	
100	QPSK	135	138	23.02	23.04	23.05			
100	QPSK	219	0	22.93	23.07	22.99	24.0	1.0	
100	16QAM	1	1	23.29	23.31	23.19	24.0	1.0	
100	64QAM	1	1	21.84	21.88	21.62	22.5	2.5	
100	256QAM	1	1	19.92	19.98	19.62	20.5	4.5	
Channel									
Frequency (MHz)				2541	2550.99	2644.98	limit	limit	MPR
							(dBm)	(dBm)	(dB)
90	P12 BPSK	1	1	24.18	24.23	24.06	25.0	0.0	
Channel									
Frequency (MHz)				507.25	518.58	520.98	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				2536.02	2550.99	2649.99	limit	limit	MPR
							(dBm)	(dBm)	(dB)
80	P12 BPSK	1	1	24.13	24.19	24.17	25.0	0.0	
Channel									
Frequency (MHz)				509.202	518.598	531.000	limit	limit	MPR
							(dBm)	(dBm)	(dB)
70	P12 BPSK	1	1	24.18	24.22	24.16	25.0	0.0	
Channel									
Frequency (MHz)				505.200	518.598	531.996	limit	limit	MPR
							(dBm)	(dBm)	(dB)
60	P12 BPSK	1	1	24.19	24.22	24.13	25.0	0.0	
Channel									
Frequency (MHz)				504.204	518.598	532.998	limit	limit	MPR
							(dBm)	(dBm)	(dB)
50	P12 BPSK	1	1	24.12	24.23	24.17	25.0	0.0	
Channel									
Frequency (MHz)				503.202	518.598	534.000	limit	limit	MPR
							(dBm)	(dBm)	(dB)
40	P12 BPSK	1	1	24.13	24.17	24.09	25.0	0.0	
Channel									
Frequency (MHz)				502.200	518.598	534.996	limit	limit	MPR
							(dBm)	(dBm)	(dB)
30	P12 BPSK	1	1	24.22	24.24	24.08	25.0	0.0	
Channel									
Frequency (MHz)				501.205	518.598	535.998	limit	limit	MPR
							(dBm)	(dBm)	(dB)
20	P12 BPSK	1	1	24.17	24.16	24.06	25.0	0.0	

n41_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 50620.0	Power Main Ch. / Freq. 51859.8	Power High Ch. / Freq. 53100.0	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.45	24.54	24.21			
100	P12 BPSK	1	137	24.33	24.40	24.11	25.5	0.0	
100	P12 BPSK	1	271	24.26	24.24	24.21			
100	P12 BPSK	135	0	23.89	23.86	23.79	25.0	0.5	
100	P12 BPSK	135	69	24.10	24.26	24.12	25.5	0.0	
100	P12 BPSK	135	138	23.53	23.52	23.51			
100	P12 BPSK	219	0	23.68	23.76	23.53	25.0	0.5	
100	QPSK	1	1	24.28	24.36	24.31			
100	QPSK	1	137	24.20	24.23	24.18	25.5	0.0	
100	QPSK	1	271	24.04	24.16	24.10			
100	QPSK	135	0	23.57	23.54	23.56			
100	QPSK	135	69	24.04	24.20	24.12	25.5	0.0	
100	QPSK	135	138	23.68	23.66	23.67			
100	QPSK	219	0	23.03	23.16	23.03	24.5	1.0	
100	16QAM	1	1	23.56	23.67	23.51	24.5	1.0	
100	64QAM	1	1	21.90	22.03	21.84	23.0	2.5	
100	256QAM	1	1	19.79	19.82	19.68	21.0	4.5	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	24.41	24.48	24.26	25.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	24.37	24.49	24.24	25.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	24.44	24.49	24.20	25.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	24.44	24.52	24.24	25.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.37	24.44	24.15	25.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.30	24.42	24.20	25.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	24.46	24.50	24.28	25.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.38	24.42	24.32	25.5	0.0	

Par27Q n77_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		24.49				
100	P12 BPSK	1	137		24.45		25.5	0.0	
100	P12 BPSK	1	271		24.34				
100	P12 BPSK	135	0		23.92		25.0	0.5	
100	P12 BPSK	135	69		24.45		25.5	0.0	
100	P12 BPSK	135	138		23.84				
100	P12 BPSK	219	0		23.90		25.0	0.5	
100	QPSK	1	1		24.43				
100	QPSK	1	137		24.42		25.5	0.0	
100	QPSK	1	271		24.40				
100	QPSK	135	0		23.84				
100	QPSK	135	69		24.40		25.5	0.0	
100	QPSK	135	138		23.36				
100	QPSK	219	0		23.41		24.5	1.0	
100	16QAM	1	1		23.05		24.5	1.0	
100	64QAM	1	1		22.08		23.0	2.5	
100	256QAM	1	1		19.82		21.0	4.5	
Channel									
Frequency (MHz)				633.000	633.334	633.666	limit	limit	MPR
							(dBm)	(dBm)	(dB)
90	P12 BPSK	1	1	24.34	24.35	24.32	25.5	0.0	
Channel									
Frequency (MHz)				632.668	633.334	634.000	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3480.02	3500.01	3610	limit	limit	MPR
							(dBm)	(dBm)	(dB)
80	P12 BPSK	1	1	24.30	24.40	24.32	25.5	0.0	
Channel									
Frequency (MHz)				633.334	633.334	634.332	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3480.01	3500.01	3614.08	limit	limit	MPR
							(dBm)	(dBm)	(dB)
70	P12 BPSK	1	1	24.36	24.37	24.33	25.5	0.0	
Channel									
Frequency (MHz)				633.700	633.700	634.700	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3480.500	3501.00	3619.08	limit	limit	MPR
							(dBm)	(dBm)	(dB)
60	P12 BPSK	1	1	24.30	24.42	24.38	25.5	0.0	
Channel									
Frequency (MHz)				3479.00	3500.01	3620	limit	limit	MPR
							(dBm)	(dBm)	(dB)
50	P12 BPSK	1	1	24.34	24.44	24.28	25.5	0.0	
Channel									
Frequency (MHz)				633.712	633.712	634.712	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3479.01	3500.01	3629.98	limit	limit	MPR
							(dBm)	(dBm)	(dB)
40	P12 BPSK	1	1	24.30	24.39	24.38	25.5	0.0	
Channel									
Frequency (MHz)				633.000	633.334	633.666	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3485.500	3500.01	3634.99	limit	limit	MPR
							(dBm)	(dBm)	(dB)
30	P12 BPSK	1	1	24.30	24.40	24.34	25.5	0.0	
Channel									
Frequency (MHz)				634.000	633.334	633.666	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3460.000	3500.01	3650	limit	limit	MPR
							(dBm)	(dBm)	(dB)
20	P12 BPSK	1	1	24.32	24.44	24.34	25.5	0.0	
Channel									
Frequency (MHz)				633.000	633.334	633.666	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3467.500	3500.01	3642.49	limit	limit	MPR
							(dBm)	(dBm)	(dB)
15	P12 BPSK	1	1	24.34	24.45	24.30	25.5	0.0	
Channel									
Frequency (MHz)				633.034	633.334	633.632	limit	limit	MPR
							(dBm)	(dBm)	(dB)
Frequency (MHz)				3465.000	3500.01	3644.99	limit	limit	MPR
							(dBm)	(dBm)	(dB)
10	P12 BPSK	1	1	24.40	24.41	24.38	25.5	0.0	



Par270 n77_Ant 4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mod Ch. / Freq. 3840	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	23.90	23.91	23.74	25.5	0.0	
100	P12 BPSK	1	137	23.77	23.88	23.75	25.5		
100	P12 BPSK	1	271	23.68	23.76	23.61			
100	P12 BPSK	135	9	23.28	23.32	23.14	25.0	0.5	
100	P12 BPSK	135	69	23.70	23.79	23.67	25.5	0.0	
100	P12 BPSK	135	138	23.14	23.20	23.08	25.0	0.5	
100	P12 BPSK	210	0	23.16	23.22	23.09			
100	QPSK	1	1	23.85	23.88	23.74			
100	QPSK	1	137	23.81	23.84	23.63	25.5	0.0	
100	QPSK	1	271	23.73	23.77	23.60			
100	QPSK	135	9	22.68	22.73	22.50			
100	QPSK	135	69	23.64	23.74	23.55	25.5	0.0	
100	QPSK	135	138	22.85	22.83	22.46			
100	QPSK	210	0	22.64	22.71	22.53	24.5	1.0	
100	16QAM	1	1	23.02	23.08	22.92	24.5	1.0	
100	64QAM	1	1	21.45	21.53	21.33	23.0	2.5	
100	256QAM	1	1	15.17	15.23	15.03	21.0	4.5	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	23.87	23.80	23.71	25.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	649334	650000	650266	17.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	1742.00	3840	3839.00	25.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	649800	650000	650300	17.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	3735.00	3840	3840.00	25.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	23.80	23.83	23.69	25.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	3735.01	3840	3840.01	25.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	23.85	23.79	23.66	25.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	3720	3840	3860	25.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	23.79	23.85	23.61	25.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	947226	650000	650000	17.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	3715.00	3840	3840.00	25.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	23.86	23.89	23.61	25.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	947168	650000	650482	17.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	3715.02	3840	3840.00	25.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	23.86	23.84	23.64	25.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	23.86	23.81	23.66	25.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	647000	650000	650000	17.5	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	23.83	23.83	23.71	25.5	0.0	

Par27Q n77_Ant 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mod Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	633334	633334				
100	P12 BPSK	1	137	24.31	24.31		25.7		0.0
100	P12 BPSK	1	271	24.32	24.31				
100	P12 BPSK	135	0	23.69	23.69		25.2		0.5
100	P12 BPSK	135	69	24.28	24.28		25.7		0.0
100	P12 BPSK	135	138	23.94	23.94		25.2		0.5
100	P12 BPSK	210	0	23.77	23.77				
100	QPSK	1	1	24.30	24.30				
100	QPSK	1	137	24.32	24.32		25.7		0.0
100	QPSK	1	271	24.31	24.31				
100	QPSK	135	0	23.11	23.11				
100	QPSK	135	69	24.23	24.23		25.7		0.0
100	QPSK	135	138	23.18	23.18				
100	QPSK	210	0	23.24	23.24		24.7		1.0
100	16QAM	1	1	23.30	23.30		24.7		1.0
100	64QAM	1	1	21.73	21.73		23.2		2.5
100	256QAM	1	1	13.47	13.47		21.2		4.5
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	633668	633668	633668			MPR
90	P12 BPSK	1	24.25	24.26	24.26	24.14	25.7		0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	633668	633668	633668			MPR
80	P12 BPSK	1	1	24.24	24.30	24.15	25.7		0.0
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	3445.51	3500.61	3514.98			MPR
70	P12 BPSK	1	1	24.22	24.31	24.22	25.7		0.0
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	3445.50	3513.34	3529.69			MPR
60	P12 BPSK	1	1	24.19	24.33	24.24	25.7		0.0
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	3445.50	3500.61	3519.99			MPR
50	P12 BPSK	1	1	24.15	24.31	24.21	25.7		0.0
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	3445.50	3500.61	3529.98			MPR
40	P12 BPSK	1	1	24.18	24.25	24.18	25.7		0.0
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	3445.50	3500.61	3534.99			MPR
30	P12 BPSK	1	1	24.22	24.29	24.19	25.7		0.0
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	3445.50	3500.61	3550.00			MPR
20	P12 BPSK	1	1	24.17	24.26	24.13	25.7		0.0
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	3445.50	3500.61	3565.00			MPR
15	P12 BPSK	1	1	24.19	24.30	24.18	25.7		0.0
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	3445.50	3500.61	3580.00			MPR
10	P12 BPSK	1	1	24.26	24.22	24.18	25.7		0.0

Par27O n77_Ant 5											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Mod Ch. / Freq. 3840	Power High Ch. / Freq. 662000	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	P12 BPSK	1	1	23.98	24.03	23.90					
100	P12 BPSK	1	137	23.82	24.01	23.86	25.7	0.0			
100	P12 BPSK	1	271	23.99	23.96	23.96					
100	P12 BPSK	135	9	23.44	23.97	23.97	25.2	0.5			
100	P12 BPSK	135	69	23.93	23.97	23.96	25.7	0.0			
100	P12 BPSK	135	138	23.72	23.48	23.52	25.2	0.5			
100	P12 BPSK	210	0	23.33	23.40	23.32					
100	QPSK	1	1	23.69	23.80	23.75					
100	QPSK	1	137	23.84	24.02	23.91	25.7	0.0			
100	QPSK	1	271	23.94	23.99	23.92					
100	QPSK	135	9	23.59	23.85	23.69					
100	QPSK	135	69	23.80	23.91	23.89	25.7	0.0			
100	QPSK	135	138	23.70	23.68	23.75					
100	QPSK	210	0	22.76	22.77	22.74	24.7	1.0			
100	16QAM	1	1	22.78	22.91	22.90	24.7	1.0			
100	64QAM	1	1	21.52	21.66	21.54	23.2	2.5			
100	256QAM	1	1	15.38	15.43	15.42	21.2	4.5			
Channel											
Frequency (MHz)											
90	P12 BPSK	1	1	23.87	23.90	23.86	25.7	0.0			
Channel											
Frequency (MHz)											
80	P12 BPSK	1	1	23.92	23.97	23.88	25.7	0.0			
Channel											
Frequency (MHz)											
70	P12 BPSK	1	1	23.75	23.65	23.84	25.7	0.0			
Channel											
Frequency (MHz)											
60	P12 BPSK	1	1	23.68	23.58	23.77	25.7	0.0			
Channel											
Frequency (MHz)											
50	P12 BPSK	1	1	23.70	23.62	23.68	25.7	0.0			
Channel											
Frequency (MHz)											
40	P12 BPSK	1	1	23.69	23.62	23.64	25.7	0.0			
Channel											
Frequency (MHz)											
30	P12 BPSK	1	1	23.65	23.58	23.61	25.7	0.0			
Channel											
Frequency (MHz)											
20	P12 BPSK	1	1	23.62	23.56	23.59	25.7	0.0			
Channel											
Frequency (MHz)											
15	P12 BPSK	1	1	23.59	23.54	23.57	25.7	0.0			
Channel											
Frequency (MHz)											
10	P12 BPSK	1	1	23.55	23.50	23.53	25.7	0.0			
Channel											
Frequency (MHz)											
5	P12 BPSK	1	1	23.55	23.46	23.50	25.7	0.0			
Channel											
Frequency (MHz)											

Par27Q n77_Ant 6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		24.57				
100	P12 BPSK	1	137		24.48		25.5	0.0	
100	P12 BPSK	1	271		24.51				
100	P12 BPSK	135	9	23.99	23.99	0	25.0	0.5	
100	P12 BPSK	135	69		24.53		25.5	0.0	
100	P12 BPSK	135	138		23.93		25.0	0.5	
100	P12 BPSK	270	0		23.87				
100	QPSK	1	1		24.49				
100	QPSK	1	137		24.44		25.5	0.0	
100	QPSK	1	271		24.47				
100	QPSK	135	9		23.97				
100	QPSK	135	69		24.51		25.5	0.0	
100	QPSK	135	138		24.33				
100	QPSK	270	0		23.33		24.5	1.0	
100	16QAM	1	1		23.67		24.5	1.0	
100	64QAM	1	1		22.11		23.0	2.5	
100	256QAM	1	1		19.37		21.0	4.5	
Channel									
				633000	633334	633666	limit	MPR	(dB)
				3495	3500.01	3504.99			
Frequency (MHz)									
90	P12 BPSK	1	1	24.43	24.50	24.37	25.5	0.0	
Channel									
				632666	633334	634000	limit	MPR	(dB)
				3490.02	3500.01	3510			
Frequency (MHz)									
80	P12 BPSK	1	1	24.43	24.46	24.29	25.5	0.0	
Channel									
				632234	633334	634332	limit	MPR	(dB)
				3485.01	3500.01	3514.98			
Frequency (MHz)									
70	P12 BPSK	1	1	24.48	24.50	24.41	25.5	0.0	
Channel									
				632000	633334	634666	limit	MPR	(dB)
				3480	3500.01	3519.99			
Frequency (MHz)									
60	P12 BPSK	1	1	24.46	24.45	24.20	25.5	0.0	
Channel									
				631666	633334	635000	limit	MPR	(dB)
				3475.02	3500.01	3525			
Frequency (MHz)									
50	P12 BPSK	1	1	24.49	24.54	24.44	25.5	0.0	
Channel									
				631334	633334	635332	limit	MPR	(dB)
				3470.01	3500.01	3529.98			
Frequency (MHz)									
40	P12 BPSK	1	1	24.44	24.51	24.21	25.5	0.0	
Channel									
				631000	633334	635666	limit	MPR	(dB)
				3465	3500.01	3534.99			
Frequency (MHz)									
30	P12 BPSK	1	1	24.34	24.45	24.21	25.5	0.0	
Channel									
				630666	633334	636000	limit	MPR	(dB)
				3460.02	3500.01	3540			
Frequency (MHz)									
20	P12 BPSK	1	1	24.45	24.52	24.22	25.5	0.0	
Channel									
				630334	633334	636332	limit	MPR	(dB)
				3457.5	3500.01	3542.49			
Frequency (MHz)									
15	P12 BPSK	1	1	24.42	24.45	24.45	25.5	0.0	
Channel									
				630334	633334	636332	limit	MPR	(dB)
				3455.01	3500.01	3544.98			
Frequency (MHz)									
10	P12 BPSK	1	1	24.46	24.46	24.45	25.5	0.0	

Par27O n77_Ant 6									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 650000	Power Main Ch. / Freq. 650000	Power High Ch. / Freq. 652000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	23.95	24.04	24.02			
100	P12 BPSK	1	137	23.86	23.93	23.94	25.5	0.0	
100	P12 BPSK	1	271	23.95	24.02	23.97			
100	P12 BPSK	135	9	23.16	23.28	23.24	25.0	0.5	
100	P12 BPSK	135	69	23.78	23.87	23.82	25.5	0.0	
100	P12 BPSK	135	138	23.37	23.40	23.29	25.0	0.5	
100	P12 BPSK	270	0	23.29	23.36	23.21			
100	QPSK	1	1	23.98	24.01	23.94			
100	QPSK	1	137	23.99	23.99	23.95	25.5	0.0	
100	QPSK	1	271	24.00	23.99	23.91			
100	QPSK	135	9	23.35	23.73	23.58			
100	QPSK	135	69	23.73	23.87	23.73	25.5	0.0	
100	QPSK	135	138	23.71	23.79	23.77			
100	QPSK	270	0	22.83	22.79	22.72	24.5	1.0	
100	16QAM	1	1	23.15	23.18	23.16	24.5	1.0	
100	64QAM	1	1	21.56	21.72	21.51	23.0	2.5	
100	256QAM	1	1	19.26	19.43	19.36	21.0	4.5	
Channel									
				649698	650000	650332	limit	MPR	(dB)
				3743.02	3840	3934.98			
Frequency (MHz)									
90	P12 BPSK	1	1	23.87	23.99	23.98	25.5	0.0	
Channel									
				649334	650000	650666	limit	MPR	(dB)
				3740.01	3840	3939.99			
Frequency (MHz)									
80	P12 BPSK	1	1	23.85	23.92	24.02	25.5	0.0	
Channel									
				649000	650000	651000	limit	MPR	(dB)
				3735	3840	3945			
Frequency (MHz)									
70	P12 BPSK	1	1	23.90	24.02	23.94	25.5	0.0	
Channel									
				648666	650000	651332	limit	MPR	(dB)
				3730.02	3840	3949.98			
Frequency (MHz)									
60	P12 BPSK	1	1	23.95	23.96	23.92	25.5	0.0	
Channel									
				648334	650000	651666	limit	MPR	(dB)
				3725.01	3840	3954.99			
Frequency (MHz)									
50	P12 BPSK	1	1	23.91	23.95	23.92	25.5	0.0	
Channel									
				648000	650000	651000	limit	MPR	(dB)
				3720	3840	3960			
Frequency (MHz)									
40	P12 BPSK	1	1	23.89	23.99	24.01	25.5	0.0	
Channel									
				647666	650000	651332	limit	MPR	(dB)
				3715.02	3840.00	3964.98			
Frequency (MHz)									
30	P12 BPSK	1	1	23.94	23.92	23.94	25.5	0.0	
Channel									
				647334	650000	651666	limit	MPR	(dB)
				3710.01	3840	3969.99			
Frequency (MHz)									
20	P12 BPSK	1	1	23.83	24.00	24.02	25.5	0.0	
Channel									
				647000	650000	651332	limit	MPR	(dB)
				3707.52	3840	3972.48			
Frequency (MHz)									
15	P12 BPSK	1	1	23.92	23.99	23.99	25.5	0.0	
Channel									
				647000	650000	651000	limit	MPR	(dB)
				3705	3840	3975			
Frequency (MHz)									
10	P12 BPSK	1	1	23.88	23.98	23.89	25.5	0.0	

Par27Q n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		24.54				
100	P12 BPSK	1	137		24.81		25.5	0.0	
100	P12 BPSK	1	271		24.73				
100	P12 BPSK	135	0		24.73		25.0	0.5	
100	P12 BPSK	135	69		24.81		25.5	0.0	
100	P12 BPSK	135	135		24.70				
100	P12 BPSK	270	0		24.74		25.0	0.5	
100	QPSK	1	1		24.80				
100	QPSK	1	137		24.79		25.5	0.0	
100	QPSK	1	271		24.74				
100	QPSK	135	0		23.85				
100	QPSK	135	69		24.76		25.5	0.0	
100	QPSK	135	135		23.76				
100	QPSK	270	0		23.74		24.5	1.0	
100	16QAM	1	1		24.04		24.5	1.0	
100	64QAM	1	1		22.52		23.0	2.5	
100	256QAM	1	1		20.79		21.0	4.5	
Channel									
				633000	633334	633668	-17.00	MPR	
				633000	633334	633668	-17.00	MPR	
Frequency (MHz)									
90	P12 BPSK	1	1	24.74	24.77	24.80	25.5	0.0	
Channel									
				633668	633334	633000	-17.00	MPR	
				1460.00	3020.00	5180.00	-17.00	MPR	
80	P12 BPSK	1	1	24.74	24.77	24.80	25.5	0.0	
Channel									
				632334	633334	634332	-17.00	MPR	
				3465.00	3505.00	3544.98	-17.00	MPR	
Frequency (MHz)									
70	P12 BPSK	1	1	24.68	24.70	24.74	25.5	0.0	
Channel									
				633334	633334	633334	-17.00	MPR	
				3460	3500.00	3519.99	-17.00	MPR	
Frequency (MHz)									
60	P12 BPSK	1	1	24.68	24.70	24.68	25.5	0.0	
Channel									
				631666	633334	635000	-17.00	MPR	
				3478.00	3500.00	3520	-17.00	MPR	
Frequency (MHz)									
50	P12 BPSK	1	1	24.71	24.75	24.68	25.5	0.0	
Channel									
				633334	633334	633334	-17.00	MPR	
				3470.00	3500.00	3520.98	-17.00	MPR	
Frequency (MHz)									
40	P12 BPSK	1	1	24.70	24.70	24.74	25.5	0.0	
Channel									
				631000	633334	635668	-17.00	MPR	
				3465	3500.00	3534.99	-17.00	MPR	
30	P12 BPSK	1	1	24.71	24.79	24.64	25.5	0.0	
Channel									
				630500	633334	636000	-17.00	MPR	
				3460.00	3500.00	3540	-17.00	MPR	
Frequency (MHz)									
20	P12 BPSK	1	1	24.75	24.77	24.74	25.5	0.0	
Channel									
				630500	633334	636166	-17.00	MPR	
				3467.8	3500.00	3542.49	-17.00	MPR	
15	P12 BPSK	1	1	24.68	24.71	24.72	25.5	0.0	
Channel									
				630334	633334	636332	-17.00	MPR	
				3465.00	3500.00	3545	-17.00	MPR	
Frequency (MHz)									
10	P12 BPSK	1	1	24.68	24.73	24.65	25.5	0.0	

Par270 n77_Ant 7									
BW [MHz]	Modulation	RIS Size	RIS Offset	Power Low Freq. [MHz] 660000	Power Midder Freq. [MHz] 665000	Power High Freq. [MHz] 662000	Turn-up [ms]	MFR [dB]	
Channel									
100	P12 BPSK	1	1	24.00	24.01	23.83			
Frequency (MHz)									
100	P12 BPSK	1	13f	23.85	23.84	23.78			0.0
100	P12 BPSK	1	27f	23.71	23.81	23.65			
100	P12 BPSK	135	0	23.34	23.33	23.31			25.0 0.0
100	P12 BPSK	135	6f	23.86	23.89	23.72			25.0 0.0
100	P12 BPSK	135	138	23.19	23.23	23.06			
100	P12 BPSK	200	0	23.34	23.33	23.37			25.0 0.5
100	QPSK	1	1	23.88	23.88	23.79			
100	QPSK	1	13f	23.88	23.85	23.83			
100	QPSK	1	27f	23.78	23.79	23.65			
100	QPSK	135	0	22.95	23.00	22.81			
100	QPSK	135	6f	23.73	23.84	23.69			25.0 0.0
100	QPSK	135	138	22.84	22.74	22.62			
100	QPSK	200	0	22.94	22.94	22.94			24.5 1.0
100	16QAM	1	1	23.17	23.24	23.26			1.0
100	64QAM	1	1	21.86	21.74	21.55			23.0 2.5
100	QPSK	1	1	19.40	19.38	19.38			21.0 4.0
Channel									
Frequency (MHz)				646688	650000	652332	174f-178f		
80	P12 BPSK	1	1	3742.02	3740	3743.48			25.0 0.0
Channel									
Frequency (MHz)				649334	3740	3743.48	174f-178f		
80	P12 BPSK	1	1	3740.01	3740	3739.99			25.0 0.0
70	P12 BPSK	1	1	23.91	23.90	23.87			25.0 0.0
70	P12 BPSK	1	1	23.91	23.93	23.81			25.0 0.0
70	P12 BPSK	1	1	23.91	23.90	23.89			25.0 0.0
70	P12 BPSK	1	1	23.94	23.91	23.81			25.0 0.0
70	P12 BPSK	1	1	23.94	23.91	23.81			25.0 0.0
70	P12 BPSK	1	1	23.94	23.91	23.81			25.0 0.0
70	P12 BPSK	1	1	23.91	23.94	23.84			25.0 0.0
70	P12 BPSK	1	1	23.91	23.96	23.80			25.0 0.0
70	P12 BPSK	1	1	23.91	23.90	23.87			25.0 0.0
70	P12 BPSK	1	1	23.90	23.84	23.80			25.0 0.0
70	P12 BPSK	1	1	23.92	23.93	23.79			25.0 0.0
70	P12 BPSK	1	1	23.90	23.89	23.82			25.0 0.0
70	P12 BPSK	1	1	23.91	23.90	23.84			25.0 0.0
70	P12 BPSK	1	1	23.87	23.93	23.81			25.0 0.0
70	P12 BPSK	1	1	23.90	23.85	23.69			25.0 0.0
70	P12 BPSK	1	1	23.90	23.85	23.69			25.0 0.0
70	P12 BPSK	1	1	23.95	23.87	23.80			25.0 0.0
70	P12 BPSK	1	1	647168	650000	654832	174f-178f		25.0 0.0
15	P12 BPSK	1	1	23.91	23.90	23.80			25.0 0.0
15	P12 BPSK	1	1	23.91	23.99	23.80			25.0 0.0
15	P12 BPSK	1	1	647000	650000	655000	174f-178f		25.0 0.0
15	P12 BPSK	1	1	23.91	23.90	23.80			25.0 0.0
15	P12 BPSK	1	1	23.94	23.95	23.78			25.0 0.0

Part2Q n78_Ant 4 HPUE								
BW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch. Freq.	Power Mode Ch. Freq.	Power High Ch. Freq.	Tune-up (s)	MPR (dB)
Channel								
100	P12-BPSK	1	1	633031	633031	633031		
100	P12-BPSK	1	137	24.55	24.55	24.55	28.5	0.0
100	P12-BPSK	1	271	24.55	24.55	24.55	28.5	0.0
100	P12-BPSK	135	5	24.55	24.55	24.55	28.5	0.0
100	P12-BPSK	135	69	24.55	24.55	24.55	28.5	0.0
100	P12-BPSK	135	138	24.55	24.55	24.55	28.5	0.0
100	P12-BPSK	282	2	24.57	24.57	24.57		
100	QPSK	1	1	24.68	24.68	24.68		
100	QPSK	1	137	24.68	24.68	24.68	28.5	0.0
100	QPSK	1	271	24.56	24.56	24.56		
100	QPSK	135	5	23.51	23.51	23.51	28.5	0.0
100	QPSK	135	69	23.51	23.51	23.51	28.5	0.0
100	QPSK	135	138	23.51	23.51	23.51	28.5	0.0
100	QPSK	282	2	24.68	24.68	24.68		
100	16QAM	1	1	24.77	24.77	24.77	25.5	1.0
100	16QAM	1	1	22.17	22.17	22.17	24.0	2.5
100	16QAM	1	1	21.03	21.03	21.03	22.0	2.5
Channel								
Frequency (MHz)	Channel			633030	633334	633666	10000	MPR
50	P102-BPSK	1	1	633031	633031	633031		
50	P102-BPSK	1	24.60	24.67	24.63	24.63	28.5	0.0
50	P102-BPSK	1	33698	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0
50	P102-BPSK	1	34650	633334	634000	634000	28.5	0.0
50	P102-BPSK	1	34650	633031	633031	633031	28.5	0.0

Part270 n78_Ant 4 HPUE								
RFW (MHz)	Modulation	RIS Size	RIS Offset	Power Low Ch. Freq.	Power Mode High Ch. Freq.	Power High Ch. Freq.	Turn-up time (dBm)	MPR (dB)
Channel								
100	P12 BPSK	1	1	24.59	24.51	24.51	26.5	0.0
100	P12 BPSK	1	137	24.51	24.51	24.51	26.5	0.0
100	P12 BPSK	1	271	24.51	24.51	24.51	26.5	0.0
100	P12 BPSK	135	0	24.53	24.53	24.53	26.5	0.5
100	P12 BPSK	135	69	24.51	24.51	24.51	26.5	0.0
100	P12 BPSK	135	138	24.58	24.58	24.58	26.5	0.0
100	P12 BPSK	212	0	24.50	24.50	24.50	26.0	0.5
100	QPSK	1	1	24.50	24.50	24.50	26.5	0.0
100	QPSK	1	137	24.52	24.52	24.52	26.5	0.0
100	QPSK	1	271	24.53	24.53	24.53	26.5	0.0
100	QPSK	135	0	24.51	24.51	24.51	26.5	0.0
100	QPSK	135	69	24.51	24.51	24.51	26.5	0.0
100	QPSK	135	138	24.54	24.54	24.54	26.5	0.0
100	QPSK	212	0	24.55	24.55	24.55	25.5	1.0
100	16QAM	1	1	23.83	23.83	23.83	25.5	1.0
100	64QAM	1	1	22.14	22.14	22.14	24.0	2.5
100	256QAM	1	1	20.09	20.09	20.09	22.0	4.5
Channel								
Frequency (MHz)				649668	650000	650032	14740-14840	
Frequency (MHz)				3744.02	3750	3754.58	14740-14840	
50	P12 BPSK	1	1	24.54	24.54	24.54	26.5	0.0
Frequency (MHz)				649534	650000	650066	14740-14840	
Frequency (MHz)				3740.01	3750	3759.99	14740-14840	
80	P12 BPSK	1	1	24.50	24.50	24.50	26.5	0.0
Frequency (MHz)				649500	650000	650500	14740-14840	
Frequency (MHz)				3735	3750	3765	14740-14840	
70	P12 BPSK	1	1	24.45	24.45	24.45	26.5	0.0
Frequency (MHz)				649370	650000	650630	14740-14840	
Frequency (MHz)				3730.02	3750	3769.98	14740-14840	
60	P12 BPSK	1	1	24.48	24.48	24.48	26.5	0.0
Frequency (MHz)				649335	650000	650665	14740-14840	
Frequency (MHz)				3725.01	3750	3774.99	14740-14840	
50	P12 BPSK	1	1	24.54	24.57	24.58	26.5	0.0
Frequency (MHz)				649200	650000	650800	14740-14840	
Frequency (MHz)				3720	3750	3780	14740-14840	
40	P12 BPSK	1	1	24.45	24.47	24.51	26.5	0.0
Frequency (MHz)				649100	650000	651030	14740-14840	
Frequency (MHz)				3715.02	3750	3784.98	14740-14840	
30	P12 BPSK	1	1	24.52	24.52	24.53	26.5	0.0
Frequency (MHz)				647200	650000	650780	14740-14840	
Frequency (MHz)				3710.01	3750	3799.99	14740-14840	
20	P12 BPSK	1	1	24.50	24.56	24.58	26.5	0.0
Frequency (MHz)				647100	650000	651032	14740-14840	
Frequency (MHz)				3707.49	3750	3802.49	14740-14840	
15	P12 BPSK	1	1	24.41	24.55	24.63	26.5	0.0
Frequency (MHz)				647000	650000	651000	14740-14840	
Frequency (MHz)				3705	3750	3805	14740-14840	
10	P12 BPSK	1	1	24.41	24.55	24.62	26.5	0.0

Part27Q n78_Ant 5 HPUE									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mod Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	26.11					
100	P12 BPSK	1	137		26.09		27.5	0.0	
100	P12 BPSK	1	271		26.04				
100	P12 BPSK	135	9		26.54		27.0	0.5	
100	P12 BPSK	135	69		26.08		27.5	0.0	
100	P12 BPSK	135	138		26.54		27.0	0.5	
100	P12 BPSK	270	0		26.57				
100	QPSK	1	1	26.07					
100	QPSK	1	137		26.02		27.5	0.0	
100	QPSK	1	271		26.03				
100	QPSK	135	9		26.09				
100	QPSK	135	69		26.02		27.5	0.0	
100	QPSK	135	138		26.09				
100	QPSK	270	0		26.07		26.5	1.0	
100	16QAM	1	1		25.02		26.5	1.0	
100	64QAM	1	1		23.65		25.0	2.5	
100	256QAM	1	1		21.59		23.0	4.5	
Channel									
				633000	633334	633668	limit	MPR	(dB)
Frequency (MHz)									
90	P12 BPSK	1	1	26.01	26.03	26.00	27.5	0.0	
Channel									
				632668	633334	634000	limit	MPR	(dB)
Frequency (MHz)									
80	P12 BPSK	1	1	26.02	26.04	26.02	27.5	0.0	
Channel									
				632234	633334	634332	limit	MPR	(dB)
70	P12 BPSK	1	1	26.03	26.10	26.01	27.5	0.0	
Channel									
				632000	633334	634666	limit	MPR	(dB)
60	P12 BPSK	1	1	26.02	26.10	26.07	27.5	0.0	
Channel									
				631666	633334	635000	limit	MPR	(dB)
50	P12 BPSK	1	1	26.01	26.03	26.06	27.5	0.0	
Channel									
				631500	633334	635666	limit	MPR	(dB)
40	P12 BPSK	1	1	26.01	26.03	26.06	27.5	0.0	
Channel									
				631000	633334	635998	limit	MPR	(dB)
30	P12 BPSK	1	1	26.01	26.04	26.02	27.5	0.0	
Channel									
				630500	633334	636332	limit	MPR	(dB)
20	P12 BPSK	1	1	26.02	26.09	26.02	27.5	0.0	
Channel									
				630000	633334	636666	limit	MPR	(dB)
15	P12 BPSK	1	1	25.93	26.02	25.93	27.5	0.0	
Channel									
				630334	633334	636332	limit	MPR	(dB)
10	P12 BPSK	1	1	25.98	26.01	25.95	27.5	0.0	

Part270 n78_Ant 5 HPUE									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mod Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		26.15				
100	P12 BPSK	1	137		26.07		27.5	0.0	
100	P12 BPSK	1	271		26.04				
100	P12 BPSK	135	9		25.50		27.0	0.5	
100	P12 BPSK	135	69		26.03		27.5	0.0	
100	P12 BPSK	135	138		25.52		27.0	0.5	
100	P12 BPSK	270	0		25.56				
100	QPSK	1	1		26.00				
100	QPSK	1	137		26.06		27.5	0.0	
100	QPSK	1	271		26.01				
100	QPSK	135	9		26.04				
100	QPSK	135	69		26.02		27.5	0.0	
100	QPSK	135	138		26.03				
100	QPSK	270	0		25.57		26.5	1.0	
100	16QAM	1	1		25.02		26.5	1.0	
100	64QAM	1	1		23.58		25.0	2.5	
100	256QAM	1	1		21.62		23.0	4.5	
Channel									
				649668	650000	650332	limit	MPR	(dB)
Frequency (MHz)									
90	P12 BPSK	1	1	26.05	26.01	26.05	27.5	0.0	
Channel									
				649334	650000	650666	limit	MPR	(dB)
Frequency (MHz)									
80	P12 BPSK	1	1	26.06	26.04	26.01	27.5	0.0	
Channel									
				649000	650000	651000	limit	MPR	(dB)
70	P12 BPSK	1	1	26.01	26.04	26.03	27.5	0.0	
Channel									
				648668	650000	651332	limit	MPR	(dB)
60	P12 BPSK	1	1	26.06	26.01	26.03	27.5	0.0	
Channel									
				648334	650000	651666	limit	MPR	(dB)
50	P12 BPSK	1	1	26.03	26.00	26.03	27.5	0.0	
Channel									
				647998	650000	652332	limit	MPR	(dB)
40	P12 BPSK	1	1	26.02	26.00	26.03	27.5	0.0	
Channel									
				647668	650000	652666	limit	MPR	(dB)
30	P12 BPSK	1	1	26.01	26.05	26.02	27.5	0.0	
Channel									
				647334	650000	653000	limit	MPR	(dB)
20	P12 BPSK	1	1	26.03	26.06	26.03	27.5	0.0	
Channel									
				647000	650000	653332	limit	MPR	(dB)
15	P12 BPSK	1	1	25.99	26.03	26.01	27.5	0.0	
Channel									
				647000	650000	653000	limit	MPR	(dB)
10	P12 BPSK	1	1	26.07	26.12	26.05	27.5	0.0	

Part27Q n78_Ant 6 HPUE									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mod Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		26.02				
100	P12 BPSK	1	137		25.91		27.0	0.0	
100	P12 BPSK	1	271		25.94				
100	P12 BPSK	135	9		25.98		26.5	0.5	
100	P12 BPSK	135	69		25.93		27.0	0.0	
100	P12 BPSK	135	138		25.93		26.5	0.5	
100	P12 BPSK	270	0		25.96				
100	QPSK	1	1		25.88				
100	QPSK	1	137		26.01		27.0	0.0	
100	QPSK	1	271		25.92				
100	QPSK	135	9		25.93				
100	QPSK	135	69		25.88		27.0	0.0	
100	QPSK	135	138		25.99				
100	QPSK	270	0		24.85		26.0	1.0	
100	16QAM	1	1		26.01		26.0	1.0	
100	64QAM	1	1		23.94		24.5	2.5	
100	256QAM	1	1		21.18		22.5	4.5	
Channel									
				633000	633334	633668	limit	MPR	(dB)
Frequency (MHz)									
90	P12 BPSK	1	1	25.92	25.90	25.94	27.0	0.0	
Channel									
				632668	633334	634000	limit	MPR	(dB)
Frequency (MHz)									
80	P12 BPSK	1	1	25.94	25.92	25.87	27.0	0.0	
Channel									
				632334	633334	634332	limit	MPR	(dB)
70	P12 BPSK	1	1	25.98	25.90	25.97	27.0	0.0	
Channel									
				632000	633334	634666	limit	MPR	(dB)
60	P12 BPSK	1	1	26.00	25.95	25.93	27.0	0.0	
Channel									
				631668	633334	635000	limit	MPR	(dB)
50	P12 BPSK	1	1	25.93	25.95	25.87	27.0	0.0	
Channel									
				631500	633334	635666	limit	MPR	(dB)
40	P12 BPSK	1	1	25.93	25.94	25.87	27.0	0.0	
Channel									
				631000	633334	635998	limit	MPR	(dB)
30	P12 BPSK	1	1	25.91	25.94	25.90	27.0	0.0	
Channel									
				630500	633334	636332	limit	MPR	(dB)
20	P12 BPSK	1	1	25.90	25.95	25.96	27.0	0.0	
Channel									
				630000	633334	636666	limit	MPR	(dB)
15	P12 BPSK	1	1	25.94	25.91	25.82	26.0	1.0	
Channel									
				630334	633334	636992	limit	MPR	(dB)
10	P12 BPSK	1	1	25.95	25.91	25.80	25.0	0.0	
Channel									
				630000	633334	637000	limit	MPR	(dB)



Part270 n78_Ant 6 HPUE

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	25.03				
100	PV2 BPSK	1	137	25.99			27.0	0.0
100	PV2 BPSK	1	271	25.89				
100	PV2 BPSK	135	9	25.47			26.5	0.5
100	PV2 BPSK	135	69	25.81			27.0	0.0
100	PV2 BPSK	135	138	25.38			26.5	0.5
100	PV2 BPSK	270	9	24.53				
100	QPSK	1	1	25.94				
100	QPSK	1	137	25.84			27.0	0.0
100	QPSK	1	271	25.82				
100	QPSK	135	9	25.95				
100	QPSK	135	69	26.00			27.0	0.0
100	QPSK	135	138	25.98				
100	QPSK	270	9	24.76			26.0	1.0
100	16QAM	1	1	25.13			26.0	1.0
100	64QAM	1	1	23.61			24.5	2.5
100	256QAM	1	1	23.31			22.5	4.5
Channel								
Frequency (MHz)								
90	PV2 BPSK	1	1	25.96	26.01	25.97	27.0	0.0
Channel								
Frequency (MHz)								
80	PV2 BPSK	1	1	25.96	26.00	25.90	27.0	0.0
Channel								
Frequency (MHz)								
70	PV2 BPSK	1	1	25.93	25.92	25.90	27.0	0.0
Channel								
Frequency (MHz)								
60	PV2 BPSK	1	1	25.90	25.98	25.97	27.0	0.0
Channel								
Frequency (MHz)								
50	PV2 BPSK	1	1	25.90	26.02	26.10	27.0	0.0
Channel								
Frequency (MHz)								
40	PV2 BPSK	1	1	25.93	25.99	26.00	27.0	0.0
Channel								
Frequency (MHz)								
30	PV2 BPSK	1	1	25.96	26.01	25.97	27.0	0.0
Channel								
Frequency (MHz)								
20	PV2 BPSK	1	1	26.01	25.97	25.92	27.0	0.0
Channel								
Frequency (MHz)								
15	PV2 BPSK	1	1	25.88	25.90	25.85	27.0	0.0
Channel								
Frequency (MHz)								
10	PV2 BPSK	1	1	25.92	25.90	25.92	27.0	0.0

Part27Q n78_Ant 7 HPUE

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	25.08				
100	PV2 BPSK	1	137	24.99			26.5	0.0
100	PV2 BPSK	1	271	24.82				
100	PV2 BPSK	135	9	24.97			26.0	0.5
100	PV2 BPSK	135	69	25.01			26.5	0.0
100	PV2 BPSK	135	138	24.41			26.0	0.5
100	PV2 BPSK	270	9	24.45				
100	QPSK	1	1	25.07				
100	QPSK	1	137	25.03			26.5	0.0
100	QPSK	1	271	25.06				
100	QPSK	135	9	24.93				
100	QPSK	135	69	25.03			26.5	0.0
100	QPSK	135	138	24.96				
100	QPSK	270	9	23.95			25.5	1.0
100	16QAM	1	1	24.16			25.5	1.0
100	64QAM	1	1	22.73			24.0	2.5
100	256QAM	1	1	20.39			22.0	4.5
Channel								
Frequency (MHz)								
90	PV2 BPSK	1	1	25.07	25.03	24.94	26.5	0.0
Channel								
Frequency (MHz)								
80	PV2 BPSK	1	1	25.01	24.97	24.97	26.5	0.0
Channel								
Frequency (MHz)								
70	PV2 BPSK	1	1	25.03	24.99	24.95	26.5	0.0
Channel								
Frequency (MHz)								
60	PV2 BPSK	1	1	25.05	24.96	24.98	26.5	0.0
Channel								
Frequency (MHz)								
50	PV2 BPSK	1	1	25.03	25.04	25.01	26.5	0.0
Channel								
Frequency (MHz)								
40	PV2 BPSK	1	1	25.03	25.05	25.01	26.5	0.0
Channel								
Frequency (MHz)								
30	PV2 BPSK	1	1	25.07	25.01	24.90	26.5	0.0
Channel								
Frequency (MHz)								
20	PV2 BPSK	1	1	25.06	25.06	25.01	26.5	0.0
Channel								
Frequency (MHz)								
15	PV2 BPSK	1	1	24.98	25.04	24.97	26.5	0.0
Channel								
Frequency (MHz)								
10	PV2 BPSK	1	1	24.99	25.03	24.89	26.5	0.0

Part27O n78_Ant 7 HPUE

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PV2 BPSK	1	1	24.78				
100	PV2 BPSK	1	137	24.75			26.5	0.0
100	PV2 BPSK	1	271	24.70				
100	PV2 BPSK	135	9	24.21			26.0	0.5
100	PV2 BPSK	135	69	24.56			26.5	0.0
100	PV2 BPSK	135	138	24.18			26.0	0.5
100	PV2 BPSK	270	9	24.22				
100	QPSK	1	1	24.75				
100	QPSK	1	137	24.77			26.5	0.0
100	QPSK	1	271	24.72				
100	QPSK	135	9	25.54				
100	QPSK	135	69	24.77			26.5	0.0
100	QPSK	135	138	24.50				
100	QPSK	270	9	23.67			25.5	1.0
100	16QAM	1	1	23.95			25.5	1.0
100	64QAM	1	1	22.32			24.0	2.5
100	256QAM	1	1	21.02			23.0	5.5
Channel								
Frequency (MHz)								
90	PV2 BPSK	1	1	24.63	24.66	24.66	26.5	0.0
Channel								
Frequency (MHz)								
80	PV2 BPSK	1	1	24.67	24.75	24.70	26.5	0.0
Channel								
Frequency (MHz)								
70	PV2 BPSK	1	1	24.71	24.67	24.68	26.5	0.0
Channel								
Frequency (MHz)								
60	PV2 BPSK	1	1	24.70	24.70	24.73	26.5	0.0
Channel								
Frequency (MHz)								
50	PV2 BPSK	1	1	24.61	24.65	24.65	26.5	0.0
Channel								
Frequency (MHz)								
40	PV2 BPSK	1	1	24.65	24.66	24.70	26.5	0.0
Channel								
Frequency (MHz)								
30	PV2 BPSK	1	1	24.68	24.74	24.77	26.5	0.0
Channel								
Frequency (MHz)								
20	PV2 BPSK	1	1	24.71	24.73	24.67	26.5	0.0
Channel								
Frequency (MHz)								
15	PV2 BPSK	1	1	24.64	24.68	24.66	26.5	0.0
Channel								
Frequency (MHz)								
10	PV2 BPSK	1	1	24.67	24.72	24.69	26.5	0.0



Reduced DSI1 power for 5G NR

n5_Ant 0									
5G BWP	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel									
Frequency (MHz)									
20	PB2 BPSK	1	1	24.43	24.50	24.53			
20	PB2 BPSK	1	53	24.41	24.40	24.30	25.5	0.0	
20	PB2 BPSK	1	104	24.39	24.37	24.37			
20	PB2 BPSK	50	3	24.50	24.50	24.50	25.5	0.0	
20	PB2 BPSK	50	29	24.50	24.50	24.50	25.5	0.0	
20	PB2 BPSK	50	56	24.50	24.50	24.50	25.5	0.0	
20	PB2 BPSK	100	0	24.57	24.58	24.57			
20	QPSK	1	1	24.27	24.30	24.30			
20	QPSK	1	53	24.30	24.27	24.30	25.5	0.0	
20	QPSK	1	104	24.30	24.41	24.27			
20	QPSK	50	3	24.30	24.30	24.30	24.5	1.0	
20	QPSK	50	29	24.30	24.30	24.30	25.5	0.0	
20	QPSK	50	56	24.37	24.37	24.30			
20	QPSK	100	0	24.30	24.30	24.30	24.5	1.0	
20	TCM	1	1	22.00	22.00	22.00	24.5	1.0	
20	TCM	1	1	21.00	21.00	21.00	23.5	0.0	
20	TCM	1	1	19.81	19.80	19.80	21.0	4.0	
Channel									
Frequency (MHz)									
10	PB2 BPSK	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
10	PB2 BPSK	1	1	24.40	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
5	PB2 BPSK	1	1	24.40	24.30	24.40	25.5	0.0	

n5_Ant 1									
5G BWP	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel									
Frequency (MHz)									
20	PB2 BPSK	1	1	22.50	22.52	22.50			
20	PB2 BPSK	1	53	22.50	22.50	22.51	23.5	0.0	
20	PB2 BPSK	1	104	22.50	22.50	22.50			
20	PB2 BPSK	50	3	22.50	22.50	22.50	23.5	0.0	
20	PB2 BPSK	50	29	22.50	22.50	22.50	23.5	0.0	
20	PB2 BPSK	50	56	22.50	22.50	22.50	23.5	0.0	
20	PB2 BPSK	100	0	22.54	22.50	22.50	23.5	0.0	
20	QPSK	1	1	22.61	22.64	22.64			
20	QPSK	1	53	22.50	22.50	22.51	23.5	0.0	
20	QPSK	1	104	22.49	22.50	22.52			
20	QPSK	50	3	22.50	22.57	22.50	23.5	0.0	
20	QPSK	50	29	22.50	22.50	22.57	23.5	0.0	
20	QPSK	50	56	22.57	22.50	22.57			
20	QPSK	100	0	22.50	22.50	22.51	23.5	0.0	
20	TCM	1	1	20.60	20.60	20.61	23.0	0.0	
20	TCM	1	1	19.50	19.50	19.51	21.5	0.0	
20	TCM	1	1	18.00	18.00	18.02	20.0	0.0	
Channel									
Frequency (MHz)									
10	PB2 BPSK	1	1	22.50	22.50	22.50	23.5	0.0	
Channel									
Frequency (MHz)									
10	PB2 BPSK	1	1	22.57	22.40	22.53	23.5	0.0	
Channel									
Frequency (MHz)									
5	PB2 BPSK	1	1	22.50	22.50	22.50	23.5	0.0	

n7_Ant 0									
5G BWP	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel									
Frequency (MHz)									
40	PB2 BPSK	1	1	21.50	21.50	21.54			
40	PB2 BPSK	1	104	21.50	21.52	21.54	23.0	0.0	
40	PB2 BPSK	1	204	21.50	21.57	21.50			
40	PB2 BPSK	100	3	21.50	21.50	21.50	23.0	0.0	
40	PB2 BPSK	100	54	21.50	21.50	21.50	23.0	0.0	
40	PB2 BPSK	100	104	21.50	21.50	21.50	23.0	0.0	
40	PB2 BPSK	200	0	21.52	21.50	21.50	23.0	0.0	
40	QPSK	1	1	21.50	21.50	21.50			
40	QPSK	1	104	21.57	21.57	21.50	23.0	0.0	
40	QPSK	1	204	21.60	21.64	21.50			
40	QPSK	100	3	21.50	21.50	21.50	23.0	0.0	
40	QPSK	100	54	21.52	21.50	21.57	23.0	0.0	
40	QPSK	100	104	21.50	21.50	21.50	23.0	0.0	
40	QPSK	200	0	21.50	21.50	21.50	23.0	0.0	
40	TCM	1	1	20.10	20.10	20.10	22.0	1.0	
40	TCM	1	1	19.00	19.00	19.01	20.5	0.0	
40	TCM	1	1	17.50	17.50	17.50	19.0	0.0	
40	TCM	1	1	16.14	16.14	16.10	18.0	4.0	
Channel									
Frequency (MHz)									
30	PB2 BPSK	1	1	21.50	21.50	21.50	23.0	0.0	
Channel									
Frequency (MHz)									
30	PB2 BPSK	1	1	21.50	21.50	21.50	23.0	0.0	
Channel									
Frequency (MHz)									
20	PB2 BPSK	1	1	21.04	21.07	21.07	22.0	0.0	
Channel									
Frequency (MHz)									
20	PB2 BPSK	1	1	20.90	20.90	20.90	21.0	0.0	
Channel									
Frequency (MHz)									
10	PB2 BPSK	1	1	21.00	21.00	21.00	22.0	0.0	
Channel									
Frequency (MHz)									
5	PB2 BPSK	1	1	21.00	21.00	21.00	22.0	0.0	

n7_Ant 1										
Site (MHz)	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel										
Frequency (MHz)										
40	PSS-SSBSC	1	1	10.81	10.80	10.79				
40	PSS-SSBSC	1	108	10.72	10.70	10.70	10.5	0.0		
40	PSS-SSBSC	1	216	10.70	10.71	10.65				
40	PSS-SSBSC	108	0	10.72	10.73	10.60	10.5	0.0		
40	PSS-SSBSC	108	54	10.65	10.60	10.60	10.5	0.0		
40	PSS-SSBSC	108	108	10.64	10.70	10.50	10.5	0.0		
40	PSS-SSBSC	216	0	10.72	10.70	10.71				
40	QPSK	1	1	10.74	10.60	10.77				
40	QPSK	1	108	10.72	10.60	10.60	10.5	0.0		
40	QPSK	1	216	10.60	10.60	10.60				
40	QPSK	108	0	10.70	10.70	10.71	10.5	0.0		
40	QPSK	108	54	10.60	10.70	10.60	10.5	0.0		
40	QPSK	108	108	10.70	10.60	10.60	10.5	0.0		
40	QPSK	216	0	10.60	10.70	10.72				
40	TCM	1	1	10.72	10.60	10.61	10.5	0.0		
40	TCM	1	1	10.60	10.72	10.60	10.5	0.0		
40	TCM	1	1	10.70	10.60	10.70	10.5	0.0		
40	TCM	1	1	10.70	10.60	10.70	10.5	0.0		
Channel										
30	Frequency (MHz)									
30	PSS-SSBSC	1	1	10.77	10.70	10.70	10.5	0.0		
30	Frequency (MHz)									
30	PSS-SSBSC	1	1	10.70	10.70	10.70	10.5	0.0		
Channel										
20	Frequency (MHz)									
20	PSS-SSBSC	1	1	10.70	10.70	10.70	10.5	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	10.70	10.70	10.70	10.5	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	10.70	10.70	10.70	10.5	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	10.60	10.70	10.60	10.5	0.0		
Channel										
5	Frequency (MHz)									
5	PSS-SSBSC	1	1	10.70	10.60	10.60	10.5	0.0		

n7_Ant 2										
Site (MHz)	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel										
Frequency (MHz)										
40	PSS-SSBSC	1	1	24.31	24.33	24.35				
40	PSS-SSBSC	1	108	24.31	24.28	24.21	20.5	0.0		
40	PSS-SSBSC	1	216	24.12	24.08	24.18				
40	PSS-SSBSC	108	0	24.15	24.18	23.94	20.0	0.0		
40	PSS-SSBSC	108	54	24.11	24.07	24.10	20.1	0.0		
40	PSS-SSBSC	108	108	24.08	24.10	24.07	20.0	0.0		
40	PSS-SSBSC	216	0	24.10	24.07	24.11	20.0	0.0		
40	QPSK	1	1	24.11	24.01	24.10				
40	QPSK	1	108	24.10	24.01	24.07	20.0	0.0		
40	QPSK	1	216	24.21	24.28	24.13				
40	QPSK	108	0	24.04	24.00	24.04	19.1	0.0		
40	QPSK	108	54	24.01	24.11	24.02	19.1	0.0		
40	QPSK	108	108	24.04	24.04	24.04	19.1	0.0		
40	QPSK	216	0	23.98	23.71	23.94	19.0	0.0		
40	TCM	1	1	23.90	24.01	23.90	19.0	0.0		
40	TCM	1	1	23.94	24.04	23.90	19.1	0.0		
40	TCM	1	1	20.10	20.10	20.10	19.0	0.0		
40	TCM	1	1	20.10	20.10	20.10	19.0	0.0		
Channel										
30	Frequency (MHz)									
30	PSS-SSBSC	1	1	24.10	24.27	24.10	20.0	0.0		
Channel										
20	Frequency (MHz)									
20	PSS-SSBSC	1	1	24.20	24.20	24.17	19.0	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	24.10	24.10	24.10	19.0	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	24.10	24.10	24.10	19.0	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	24.27	24.20	24.27	19.0	0.0		
Channel										
5	Frequency (MHz)									
5	PSS-SSBSC	1	1	24.10	24.10	24.07	19.0	0.0		

n7_Ant 3										
Site (MHz)	Modulation	RB Size	RB Offset	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]	Power 100% [dBm]
Channel										
Frequency (MHz)										
40	PSS-SSBSC	1	1	20.20	20.20	20.20				
40	PSS-SSBSC	1	108	20.31	20.20	20.17	20.7	0.0		
40	PSS-SSBSC	1	216	20.23	20.23	20.10				
40	PSS-SSBSC	108	0	20.10	20.11	20.00	20.7	0.0		
40	PSS-SSBSC	108	54	20.10	20.10	20.10	20.7	0.0		
40	PSS-SSBSC	108	108	20.20	20.14	20.00	20.7	0.0		
40	PSS-SSBSC	216	0	20.14	20.11	20.10				
40	QPSK	1	1	20.20	20.20	20.20				
40	QPSK	1	108	20.10	20.10	20.10	20.7	0.0		
40	QPSK	1	216	20.27	20.12	20.00				
40	QPSK	108	0	20.10	20.10	20.10	20.7	0.0		
40	QPSK	108	54	20.10	20.10	20.10	20.7	0.0		
40	QPSK	108	108	20.20	20.14	20.00	20.7	0.0		
40	QPSK	216	0	20.10	20.10	20.00				
40	TCM	1	1	20.20	20.20	20.10	20.7	0.0		
40	TCM	1	1	20.10	20.20	20.10	20.7	0.0		
40	TCM	1	1	20.17	20.20	20.10	20.7	0.0		
Channel										
30	Frequency (MHz)									
30	PSS-SSBSC	1	1	20.17	20.20	20.10	20.7	0.0		
Channel										
20	Frequency (MHz)									
20	PSS-SSBSC	1	1	20.17	20.20	20.10	20.7	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	20.20	20.20	20.20	20.7	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	20.20	20.20	20.10	20.7	0.0		
Channel										
10	Frequency (MHz)									
10	PSS-SSBSC	1	1	20.20	20.20	20.20	20.7	0.0		
Channel										
5	Frequency (MHz)									
5	PSS-SSBSC	1	1	20.20	20.20	20.10	20.7	0.0		

n66_Ant 0									
DV (MHz)	Modulation	RB Size	RB Offset	Power L1 (Frac. 300000)	Power L2 (Frac. 300000)	Power L3 (Frac. 300000)	Time-up time (sec)	APR1 (dB)	APR2 (dB)
Channel									
40	PSS-BPSK	1	1	21.03	21.06	21.03			
40	PSS-BPSK	1	108	21.03	21.03	21.01	20.5	0.5	
40	PSS-BPSK	1	0	21.03	21.07	21.05			
40	PSS-BPSK	108	5	21.18	21.20	21.09	20.5	0.5	
40	PSS-BPSK	108	54	21.18	21.03	21.13	20.5	0.5	
40	PSS-BPSK	108	108	21.13	21.22	21.20	20.5	0.5	
40	PSS-BPSK	108	0	21.03	21.03	21.03			
40	CPSS-L	1	1	21.01	21.03	21.07			
40	CPSS-L	1	108	21.01	21.00	21.01	20.5	0.5	
40	CPSS-L	1	214	21.00	21.00	21.04			
40	CPSS-L	108	54	21.00	21.03	21.00	20.5	0.5	
40	CPSS-L	108	54	21.00	21.03	21.00	20.5	0.5	
40	CPSS-L	108	0	21.00	21.00	21.00	20.5	1.0	
40	TCSSM	1	1	20.97	20.98	20.99	20.5	1.0	
40	TCSSM	1	1	20.98	20.98	20.98	20.5	1.0	
40	TCSSM	1	1	20.94	20.94	20.94	20.5	1.0	
Channel									
30	PSS-BPSK	1	1	21.48	21.50	21.48	20.5	0.5	
30	PSS-BPSK	1	108	21.48	21.48	21.48	20.5	0.5	
30	PSS-BPSK	1	0	21.48	21.50	21.49			
30	PSS-BPSK	1	1	21.54	21.57	21.40	20.5	0.5	
30	PSS-BPSK	1	108	21.54	21.54	21.53	20.5	0.5	
30	PSS-BPSK	1	0	21.48	21.50	21.49	20.5	0.5	
30	PSS-BPSK	108	5	21.69	21.69	21.69	20.5	0.5	
30	PSS-BPSK	108	54	21.69	21.69	21.69	20.5	0.5	
30	PSS-BPSK	108	108	21.69	21.69	21.69	20.5	0.5	
30	PSS-BPSK	108	0	21.69	21.69	21.69	20.5	0.5	
30	PSS-BPSK	1	1	21.52	21.54	21.47	20.5	0.5	
30	PSS-BPSK	1	1	21.52	21.54	21.47	20.5	0.5	

n66_Ant 1									
DV (MHz)	Modulation	RB Size	RB Offset	Power L1 (Frac. 300000)	Power L2 (Frac. 300000)	Power L3 (Frac. 300000)	Time-up time (sec)	APR1 (dB)	APR2 (dB)
Channel									
40	PSS-BPSK	1	1	15.43	15.43	15.43			
40	PSS-BPSK	1	108	15.32	15.30	15.33	17.5	0.5	
40	PSS-BPSK	1	214	15.30	15.32	15.32			
40	PSS-BPSK	108	5	15.31	15.30	15.33	17.0	0.0	
40	PSS-BPSK	108	54	15.31	15.31	15.30	17.0	0.0	
40	PSS-BPSK	108	108	15.30	15.30	15.30	17.0	0.0	
40	PSS-BPSK	214	0	15.30	15.30	15.31	17.0	0.0	
40	CPSS-L	1	1	15.25	15.25	15.25			
40	CPSS-L	1	108	15.20	15.20	15.20	17.0	0.0	
40	CPSS-L	1	214	15.20	15.20	15.20	17.0	0.0	
40	CPSS-L	108	5	15.20	15.20	15.20	17.0	0.0	
40	CPSS-L	108	54	15.20	15.20	15.20	17.0	0.0	
40	CPSS-L	108	108	15.20	15.20	15.20	17.0	0.0	
40	CPSS-L	214	0	15.20	15.20	15.20	17.0	0.0	
40	TCSSM	1	1	15.11	15.10	15.10	17.0	0.0	
40	TCSSM	1	1	15.10	15.10	15.10	17.0	0.0	
40	TCSSM	1	1	15.08	15.08	15.08	17.0	0.0	
Channel									
30	PSS-BPSK	1	1	15.43	15.40	15.30	17.0	0.0	
30	PSS-BPSK	1	108	15.40	15.40	15.40	17.0	0.0	
30	PSS-BPSK	1	0	15.40	15.40	15.30	17.0	0.0	
30	PSS-BPSK	1	1	15.40	15.40	15.30	17.0	0.0	
30	PSS-BPSK	1	108	15.40	15.40	15.40	17.0	0.0	
30	PSS-BPSK	1	0	15.40	15.40	15.30	17.0	0.0	
30	PSS-BPSK	108	5	15.30	15.30	15.30	17.0	0.0	
30	PSS-BPSK	108	54	15.30	15.30	15.30	17.0	0.0	
30	PSS-BPSK	108	108	15.30	15.30	15.30	17.0	0.0	
30	PSS-BPSK	108	0	15.30	15.30	15.30	17.0	0.0	
30	PSS-BPSK	1	1	15.30	15.40	15.41	17.0	0.0	
30	PSS-BPSK	1	1	15.30	15.40	15.41	17.0	0.0	

n66_Ant 2									
DV (MHz)	Modulation	RB Size	RB Offset	Power L1 (Frac. 300000)	Power L2 (Frac. 300000)	Power L3 (Frac. 300000)	Time-up time (sec)	APR1 (dB)	APR2 (dB)
Channel									
40	PSS-BPSK	1	1	23.08	23.01	23.12			
40	PSS-BPSK	1	108	23.07	23.14	23.00	24.5	0.5	
40	PSS-BPSK	1	0	23.00	23.00	23.00			
40	PSS-BPSK	108	5	23.04	23.07	23.00	24.0	0.5	
40	PSS-BPSK	108	54	23.08	23.10	23.00	24.5	0.5	
40	PSS-BPSK	108	108	23.01	23.01	23.00	24.0	0.5	
40	PSS-BPSK	214	0	23.02	23.11	23.00			
40	CPSS-L	1	1	23.07	23.12	23.12			
40	CPSS-L	1	108	23.00	23.11	23.00	24.5	0.5	
40	CPSS-L	1	214	23.03	23.07	23.07			
40	CPSS-L	108	5	23.07	23.07	23.07	23.5	1.0	
40	CPSS-L	108	54	23.08	23.07	23.12	24.5	0.5	
40	CPSS-L	108	108	23.00	23.00	23.00	23.5	1.0	
40	CPSS-L	214	0	23.08	23.01	23.02	23.5	1.0	
40	TCSSM	1	1	23.12	23.03	23.00	23.5	1.0	
40	TCSSM	1	1	23.10	23.11	23.07	23.5	1.0	
40	TCSSM	1	1	23.04	23.10	23.10	24.5		
Channel									
30	PSS-BPSK	1	1	23.00	23.10	23.00	24.5	0.5	
30	PSS-BPSK	1	108	23.00	23.00	23.00	24.5	0.5	
30	PSS-BPSK	1	0	23.00	23.00	23.00	24.5	0.5	
30	PSS-BPSK	1	1	23.08	23.08	23.00	24.0	0.5	
30	PSS-BPSK	1	108	23.08	23.08	23.08	24.0	0.5	
30	PSS-BPSK	1	0	23.00	23.00	23.00	24.0	0.5	
30	PSS-BPSK	108	5	23.10	23.10	23.10	24.0	0.5	
30	PSS-BPSK	108	54	23.10	23.10	23.10	24.0	0.5	
30	PSS-BPSK	108	108	23.10	23.10	23.10	24.0	0.5	
30	PSS-BPSK	108	0	23.10	23.10	23.10	24.0	0.5	
30	PSS-BPSK	1	1	23.07	23.11	23.07	24.5	0.5	
30	PSS-BPSK	1	1	23.07	23.11	23.07	24.5	0.5	

n66_Ant 3									
DV (MHz)	Modulation	RB Size	RB Offset	Power L1 (Frac. 300000)	Power L2 (Frac. 300000)	Power L3 (Frac. 300000)	Time-up time (sec)	APR1 (dB)	APR2 (dB)
Channel									
40	PSS-BPSK	1	1	18.00	18.10	18.07			
40	PSS-BPSK	1	108	18.00	18.07	18.04	20.5	0.5	
40	PSS-BPSK	1	214	18.00	18.07	18.00			
40	PSS-BPSK	108	5	18.00	18.00	18.00	20.5	0.5	
40	PSS-BPSK	108	54	18.04	18.00	18.00	20.5	0.5	
40	PSS-BPSK	108	108	18.00	18.07	18.07	20.5	0.5	
40	PSS-BPSK	214	0	18.00	18.00	18.10			
40	CPSS-L	1	1	18.03	18.00	18.00			
40	CPSS-L	1	108	18.00	18.00	18.00	20.5	0.5	
40	CPSS-L	1	214	18.00	18.00	18.00	20.5	0.5	
40	CPSS-L	108	5	18.00	18.00	18.00	20.5	0.5	
40	CPSS-L	108	54	18.07	18.01	18.04	20.5	0.5	
40	CPSS-L	108	108	18.00	18.00	18.00	20.5	0.5	
40	CPSS-L	214	0	18.00	18.00	18.00	20.5	0.5	
40	TCSSM	1	1	18.00	18.00	18.00	20.5	0.5	
40	TCSSM	1	1	18.01	18.04	18.00	20.5	0.5	
40	TCSSM	1	1	18.00	18.00	18.00	20.5	0.5	
Channel									
30	PSS-BPSK	1	1	18.00	18.10	18.00	20.5	0.5	
30	PSS-BPSK	1	108	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	1	0	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	1	1	18.00	18.07	18.01	20.5	0.5	
30	PSS-BPSK	1	108	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	1	0	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	108	5	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	108	54	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	108	108	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	108	0	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	1	1	18.00	18.00	18.00	20.5	0.5	
30	PSS-BPSK	1	1	18.00	18.00	18.00	20.5	0.5	

n38_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up Int. (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	Pi2 BPSK	1	1	22.15	22.32	22.06	23.0	0.0			
				22.18	22.14	22.11					
				22.19	22.10	22.03					
40	Pi2 BPSK	1	104	22.19	22.10	22.03					
40	Pi2 BPSK	50	0	22.04	22.07	22.04	22.5	0.5			
40	Pi2 BPSK	50	26	22.04	22.08	22.06	23.0	0.0			
40	Pi2 BPSK	50	56	21.82	21.39	21.49	22.5	0.5			
40	Pi2 BPSK	100	0	21.80	21.67	21.54					
40	QPSK	1	1	22.06	22.12	22.06					
40	QPSK	1	53	22.01	22.21	22.13	23.0	0.0			
40	QPSK	1	104	22.06	22.13	21.96					
40	QPSK	50	0	21.45	21.61	21.47					
40	QPSK	50	26	22.09	22.17	21.96	23.0	0.0			
40	QPSK	50	56	21.03	21.05	21.01					
40	QPSK	100	0	20.66	20.88	20.74	22.0	1.0			
40	16QAM	1	1	20.84	20.98	20.84	22.0	1.0			
40	64QAM	1	1	19.95	20.09	20.07	20.5	2.5			
40	256QAM	1	1	17.74	17.82	17.78	18.5	4.5			
Channel											
Frequency (MHz)											
30	Pi2 BPSK	1	1	22.14	22.15	22.06	23.0	0.0			
				22.15	22.09	22.04					
				22.16	22.05	22.00					
Channel											
Frequency (MHz)											
20	Pi2 BPSK	1	1	22.10	22.25	22.02	23.0	0.0			
				22.11	22.20	22.03					
				22.12	22.19	22.04					
Channel											
Frequency (MHz)											
15	Pi2 BPSK	1	1	22.08	22.23	21.93	23.0	0.0			
				22.09	22.22	21.94					
				22.10	22.21	21.95					
Channel											
Frequency (MHz)											
10	Pi2 BPSK	1	1	22.02	22.29	21.96	23.0	0.0			
				22.03	22.28	21.97					
				22.04	22.27	21.98					

n38_Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Tune-up Int. (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
40	Pi2 BPSK	1	1	17.72	17.78	17.72	19.0	0.0			
				17.66	17.71	17.64					
				17.60	17.66	17.56					
40	Pi2 BPSK	1	104	17.60	17.66	17.56					
40	Pi2 BPSK	50	0	17.57	17.60	17.50	19.0	0.0			
40	Pi2 BPSK	50	26	17.72	17.76	17.63	19.0	0.0			
40	Pi2 BPSK	50	56	17.60	17.57	17.51	19.0	0.0			
40	Pi2 BPSK	100	0	17.58	17.64	17.57					
40	QPSK	1	1	17.61	17.68	17.62					
40	QPSK	1	53	17.57	17.63	17.61	19.0	0.0			
40	QPSK	1	104	17.54	17.64	17.60					
40	QPSK	50	0	17.66	17.74	17.66					
40	QPSK	50	26	17.52	17.59	17.52	19.0	0.0			
40	QPSK	50	56	17.63	17.62	17.55					
40	QPSK	100	0	17.63	17.67	17.67	19.0	0.0			
40	16QAM	1	1	17.66	17.76	17.69	19.0	0.0			
40	64QAM	1	1	17.63	17.66	17.59	19.0	0.0			
40	256QAM	1	1	17.73	17.74	17.65	19.0	0.0			
Channel											
Frequency (MHz)											
30	Pi2 BPSK	1	1	17.62	17.69	17.65	19.0	0.0			
				17.63	17.65	17.64					
				17.64	17.66	17.65					
Channel											
Frequency (MHz)											
20	Pi2 BPSK	1	1	17.63	17.73	17.69	19.0	0.0			
				17.63	17.70	17.69					
				17.64	17.71	17.69					
Channel											
Frequency (MHz)											
15	Pi2 BPSK	1	1	17.59	17.65	17.67	19.0	0.0			
				17.60	17.64	17.64					
				17.61	17.65	17.64					
Channel											
Frequency (MHz)											
10	Pi2 BPSK	1	1	17.63	17.72	17.67	19.0	0.0			
				17.63	17.71	17.67					
				17.64	17.72	17.67					

n38_Ant 2															
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up Int. (dBm)	MPR (dB)							
Channel															
Frequency (MHz)															
40	Pi2 BPSK	1	1	24.44	24.67	24.51	25.0	0.0							
				24.46	24.44	24.47									
				24.45	24.53	24.55									
				24.37	24.36	24.37									
				24.33	24.45	24.38									
40	Pi2 BPSK	50	0	24.37	24.36	24.37	24.5	0.5							
40	Pi2 BPSK	50	26	24.33	24.45	24.38	25.0	0.0							
40	Pi2 BPSK	50	56	24.33	24.33	24.32	24.5	0.5							
40	Pi2 BPSK	100	0	24.12	24.37	24.10									
40	QPSK	1	1	24.44	24.34	24.35									
40	QPSK	1	53	24.39	24.33	24.36	25.0	0.0							
40	QPSK	1	104	24.41	24.36	24.40									
40	QPSK	50	0	24.39	24.42	24.36									
40	QPSK	50	26	24.36	24.40	24.42	25.0	0.0							
40	QPSK	50	56	24.34	24.44	24.41									
40	QPSK	100	0	23.43	23.34	23.51	24.0	1.0							
40	16QAM	1	1	23.84	23.98	23.92	24.0	1.0							
40	64QAM	1	1	22.69	22.48	22.41	22.5	2.5							
40	256QAM	1	1	20.49	20.42	20.48	20.5	4.5							
Channel															
Frequency (MHz)															
30	Pi2 BPSK	1	1	24.57	24.62	24.56	25.0	0.0							
				24.57	24.62	24.56									
				24.57	24.62	24.56									
				Channel											
				Frequency (MHz)											
20	Pi2 BPSK	1	1	24.80	24.54	24.59	25.0	0.0							
				24.80	24.54	24.59									
				24.80	24.54	24.59									
				Channel											
				Frequency (MHz)											
15	Pi2 BPSK	1	1	24.34	24.61	24.46	25.0	0.0							
				24.34	24.61	24.46									
				24.34	24.61	24.46									
				Channel											
				Frequency (MHz)											
10	Pi2 BPSK	1	1	24.41	24.65	24.41	25.0	0.0							

n38_Ant 3															
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Mid Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up freq. (dB)	MPR (dB)							
Channel															
Frequency (MHz)															
40	Pi2 BPSK	1	1	20.02	20.05	20.05.98	21.0	0.0							
				20.10	20.10	20.13									
				20.10	20.11	20.07									
40	Pi2 BPSK	1	83	20.10	20.11	20.07	21.0	0.0							
				20.10	20.11	20.07									
				20.10	20.11	20.07									
40	Pi2 BPSK	1	104	20.08	20.10	20.04	21.0	0.0							
				20.08	20.10	20.04									
				20.08	20.10	20.04									
40	Pi2 BPSK	55	0	20.01	20.04	19.97	21.0	0.0							
				20.01	20.04	19.97									
				20.01	20.04	19.97									
40	Pi2 BPSK	55	28	20.08	20.10	20.03	21.0	0.0							
				20.08	20.10	20.03									
				20.08	20.10	20.03									
40	Pi2 BPSK	55	56	19.99	20.04	20.02	21.0	0.0							
				19.99	20.04	20.02									
				19.99	20.04	20.02									
40	Pi2 BPSK	100	0	19.95	20.01	20.01	21.0	0.0							
				19.95	20.01	20.01									
				19.95	20.01	20.01									
40	QPSK	1	1	20.14	20.16	20.11	21.0	0.0							
				20.14	20.16	20.11									
				20.14	20.16	20.11									
40	QPSK	1	63	19.99	20.06	19.99	21.0	0.0							
				19.99	20.06	19.99									
				19.99	20.06	19.99									
40	QPSK	1	104	20.05	20.08	20.05	21.0	0.0							
				20.05	20.08	20.05									
				20.05	20.08	20.05									
40	QPSK	50	0	20.02	20.02	19.96	21.0	0.0							
				20.02	20.02	19.96									
				20.02	20.02	19.96									
40	QPSK	50	28	20.00	20.00	19.97	21.0	0.0							
				20.00	20.00	19.97									
				20.00	20.00	19.97									
40	QPSK	55	56	19.99	20.03	19.97	21.0	0.0							
				19.99	20.03	19.97									
				19.99	20.03	19.97									
40	QPSK	100	0	20.01	20.06	20.04	21.0	0.0							
				20.01	20.06	20.04									
				20.01	20.06	20.04									
40	16QAM	1	1	20.05	20.12	20.04	21.0	0.0							
				20.05	20.12	20.04									
				20.05	20.12	20.04									
40	64QAM	1	1	19.99	20.05	20.00	21.0	0.0							
				19.99	20.05	20.00									
				19.99	20.05	20.00									
40	256QAM	1	1	20.04	20.14	20.11	21.0	0.0							
				20.04	20.14	20.11									
				20.04	20.14	20.11									
Channel															
Frequency (MHz)															
30	Pi2 BPSK	1	1	20.01	20.05	20.09	21.0	0.0	MPR						
				20.01	20.05	20.04.99				21.0	0.0				
				20.01	20.05	20.09				21.0	0.0				
Channel															
Frequency (MHz)															
20	Pi2 BPSK	1	1	20.08	20.07	20.03	21.0	0.0	MPR						
				20.08	20.07	20.03				21.0	0.0				
				20.08	20.07	20.03				21.0	0.0				
Channel															
Frequency (MHz)															
15	Pi2 BPSK	1	1	20.01	20.09	20.06	21.0	0.0	MPR						
				20.01	20.09	20.06				21.0	0.0				
				20.01	20.09	20.06				21.0	0.0				
Channel															
Frequency (MHz)															
10	Pi2 BPSK	1	1	20.00	20.08	20.09	21.0	0.0	MPR						
				20.00	20.08	20.09				21.0	0.0				
				20.00	20.08	20.09				21.0	0.0				

n41_Ant 0													
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt	MPR					
Channel													
Frequency (MHz)													
100	Pi2 BPSK	1	1	21.96	22.08	21.95	23.0	0.0					
				21.96	22.08	21.95							
				21.96	22.08	21.95							
100	Pi2 BPSK	1	137	22.02	22.06	22.04	23.0	0.0					
100	Pi2 BPSK	1	271	21.97	21.99	22.06							
100	Pi2 BPSK	135	0	21.71	21.73	21.73	22.5	0.5					
100	Pi2 BPSK	135	69	21.72	21.85	21.73	23.0	0.0					
100	Pi2 BPSK	135	138	21.48	21.55	21.46	22.5	0.5					
100	Pi2 BPSK	270	0	21.19	21.41	21.26							
100	QPSK	1	1	21.92	22.01	21.94							
100	QPSK	1	137	21.93	22.07	21.96	23.0	0.0					
100	QPSK	1	271	21.93	22.04	21.97							
100	QPSK	135	0	21.97	22.03	21.95							
100	QPSK	135	69	21.87	22.00	21.88	23.0	0.0					
100	QPSK	135	138	21.02	21.02	21.03							
100	QPSK	270	0	20.96	21.00	20.90							
100	16QAM	1	1	20.87	21.09	20.93	22.5	1.0					
100	64QAM	1	1	19.95	19.96	19.95	20.5	2.5					
100	256QAM	1	1	17.65	17.73	17.73	18.5	4.5					
Channel													
Frequency (MHz)													
90	Pi2 BPSK	1	1	20.24	20.25	20.25	21.0	0.0	MPR				
				20.24	20.25	20.25	21.0	0.0					
				20.24	20.25	20.25	21.0	0.0					
Channel													
Frequency (MHz)													
80	Pi2 BPSK	1	1	21.96	22.05	21.93	23.0	0.0	MPR				
				21.96	22.05	21.93	23.0	0.0					
				21.96	22.05	21.93	23.0	0.0					
Channel													
Frequency (MHz)													
70	Pi2 BPSK	1	1	21.84	22.03	21.92	23.0	0.0	MPR				
				21.84	22.03	21.92	23.0	0.0					
				21.84	22.03	21.92	23.0	0.0					
Channel													
Frequency (MHz)													
60	Pi2 BPSK	1	1	21.87	22.06	21.83	23.0	0.0	MPR				
				21.87	22.06	21.83	23.0	0.0					
				21.87	22.06	21.83	23.0	0.0					
Channel													
Frequency (MHz)													
50	Pi2 BPSK	1	1	21.91	22.01	21.85	23.0	0.0	MPR				
				21.91	22.01	21.85	23.0	0.0					
				21.91	22.01	21.85	23.0	0.0					
Channel													
Frequency (MHz)													
40	Pi2 BPSK	1	1	21.96	22.07	22.05	23.0	0.0	MPR				
				21.96	22.07	22.05	23.0	0.0					
				21.96	22.07	22.05	23.0	0.0					
Channel													
Frequency (MHz)													
30	Pi2 BPSK	1	1	21.84	22.04	21.95	23.0	0.0	MPR				
				21.84	22.04	21.95	23.0	0.0					
				21.84	22.04	21.95	23.0	0.0					
Channel													
Frequency (MHz)													
20	Pi2 BPSK	1	1	21.92	22.04	21.87	23.0	0.0	MPR				
				21.92	22.04	21.87	23.0	0.0					
				21.92	22.04	21.87	23.0	0.0					

n41_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	16.55	16.60	16.42	17.5	0.0	
				16.55	16.60	16.42			
				16.55	16.60	16.42			
100	Pi2 BPSK	1	137	16.42	16.51	16.27	17.5	0.0	
100	Pi2 BPSK	1	271	16.33	16.30	15.98			
100	Pi2 BPSK	135	0	16.35	16.30	16.13	17.5	0.0	
100	Pi2 BPSK	135	69	16.38	16.47	16.26	17.5	0.0	
100	Pi2 BPSK	135	138	16.25	16.19	15.86	17.5	0.0	
100	Pi2 BPSK	270	0	16.28	16.30	16.12			
100	QPSK	1	1	16.37	16.47	16.36			
100	QPSK	1	137	16.26	16.36	16.29	17.5	0.0	
100	QPSK	1	271	16.15	16.26	16.19			
100	QPSK	135	0	16.35	16.40	16.39	17.5	0.0	
100	QPSK	135	69	16.27	16.28	16.27			
100	QPSK	135	138	16.09	16.16	16.13			
100	QPSK	270	0	16.28	16.32	16.25	17.5	0.0	
100	16QAM	1	1	16.34	16.43	16.47	17.5	0.0	
100	16QAM	1	1	16.29	16.34	16.28	17.5	0.0	
100	16QAM	1	1	16.42	16.48	16.48	17.5	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	16.46	16.59	16.44	17.5	0.0	
90	Pi2 BPSK	1	1	16.46	16.53	16.29	17.5	0.0	
80	Pi2 BPSK	1	1	16.53	16.57	16.36	17.5	0.0	
80	Pi2 BPSK	1	1	16.53	16.59	16.49	17.5	0.0	
80	Pi2 BPSK	1	1	16.53	16.57	16.36	17.5	0.0	
70	Pi2 BPSK	1	1	16.47	16.56	16.38	17.5	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	16.49	16.58	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.40	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1	1	16.43	16.50	16.34	17.5	0.0	
60	Pi2 BPSK	1							

n41_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				509202	518598	528000			
				2548.01	2592.99	2640			
100	Pi/2 BPSK	1	1	24.11	24.25	24.13			
100	Pi/2 BPSK	1	137	24.07	24.08	24.00	25.0	0.0	
100	Pi/2 BPSK	1	271	24.10	24.12	24.02			
100	Pi/2 BPSK	135	0	23.71	23.69	23.60	24.5	0.0	
100	Pi/2 BPSK	135	69	24.02	24.17	24.03	25.0	0.0	
100	Pi/2 BPSK	135	138	23.58	23.61	23.51	24.5	0.5	
100	Pi/2 BPSK	270	0	23.52	23.53	23.50			
100	QPSK	1	1	24.08	24.19	24.14			
100	QPSK	1	137	24.07	24.13	24.02	25.0	0.0	
100	QPSK	1	271	24.03	24.14	24.03			
100	QPSK	135	0	23.00	23.03	23.02			
100	QPSK	135	69	24.00	24.12	23.99	25.0	0.0	
100	QPSK	135	138	23.02	23.04	23.05			
100	QPSK	270	0	22.93	23.07	22.96	24.0	1.0	
100	16QAM	1	1	23.29	23.31	23.19	24.0	1.0	
100	64QAM	1	1	21.84	21.88	21.62	22.5	2.5	
100	256QAM	1	1	19.52	19.68	19.62	20.5	4.5	
Channel									
Frequency (MHz)				508200	518598	528998	Tune-up Int (dB)	MPR (dB)	
				2541	2592.99	2644.98			
50	Pi/2 BPSK	1	1	24.18	24.23	24.06	25.0	0.0	
Channel									
Frequency (MHz)				507204	518598	528998	Tune-up Int (dB)	MPR (dB)	
				2536.02	2592.99	2648.98			
80	Pi/2 BPSK	1	1	24.13	24.19	24.17	25.0	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up Int (dB)	MPR (dB)	
				2531.01	2592.99	2655			
70	Pi/2 BPSK	1	1	24.19	24.22	24.15	25.0	0.0	
Channel									
Frequency (MHz)				505200	518598	531998	Tune-up Int (dB)	MPR (dB)	
				2526	2592.99	2659.98			
60	Pi/2 BPSK	1	1	24.19	24.22	24.13	25.0	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up Int (dB)	MPR (dB)	
				2514.02	2592.99	2664.98			
50	Pi/2 BPSK	1	1	24.12	24.23	24.17	25.0	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up Int (dB)	MPR (dB)	
				2518.01	2592.99	2670			
40	Pi/2 BPSK	1	1	24.13	24.17	24.06	25.0	0.0	
Channel									
Frequency (MHz)				502200	518598	534998	Tune-up Int (dB)	MPR (dB)	
				2511	2592.99	2674.98			
30	Pi/2 BPSK	1	1	24.22	24.24	24.08	25.0	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up Int (dB)	MPR (dB)	
				2506.02	2592.99	2679.98			
20	Pi/2 BPSK	1	1	24.17	24.16	24.06	25.0	0.0	

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int	MPR (dB)	
Channel									
Frequency (MHz)				509202	518598	528000			
				2548.01	2592.99	2640			
100	Pi/2 BPSK	1	1	18.61	18.63	18.56			
100	Pi/2 BPSK	1	137	18.53	18.61	18.53	19.5	0.0	
100	Pi/2 BPSK	1	271	18.44	18.50	18.24			
100	Pi/2 BPSK	135	0	18.54	18.51	18.49	19.5	0.0	
100	Pi/2 BPSK	135	69	18.58	18.60	18.50	19.5	0.0	
100	Pi/2 BPSK	135	138	18.47	18.47	18.29	19.5	0.0	
100	Pi/2 BPSK	270	0	18.52	18.55	18.43			
100	QPSK	1	1	18.48	18.49	18.37			
100	QPSK	1	137	18.36	18.40	18.32	19.5	0.0	
100	QPSK	1	271	18.32	18.36	18.42			
100	QPSK	135	0	18.35	18.41	18.32			
100	QPSK	135	69	18.32	18.35	18.45	19.5	0.0	
100	QPSK	135	138	18.29	18.35	18.31			
100	QPSK	270	0	18.27	18.33	18.34	19.5	0.0	
100	16QAM	1	1	18.50	18.51	18.44	19.5	0.0	
100	64QAM	1	1	18.38	18.45	18.40	19.5	0.0	
100	256QAM	1	1	18.39	18.41	18.41	19.5	0.0	
Channel									
Frequency (MHz)				508200	518598	528998	Tune-up Int	MPR (dB)	
				2541	2592.99	2643.98			
90	Pi/2 BPSK	1	1	18.40	18.40	18.46	19.5	0.0	
Channel									
Frequency (MHz)				507204	518598	528998	Tune-up Int	MPR (dB)	
				2536.02	2592.99	2643.98			
80	Pi/2 BPSK	1	1	18.59	18.61	18.40	19.5	0.0	
Channel									
Frequency (MHz)				506202	518598	531000	Tune-up Int	MPR (dB)	
				2531.01	2592.99	2655			
70	Pi/2 BPSK	1	1	18.58	18.62	18.59	19.5	0.0	
Channel									
Frequency (MHz)				505200	518598	531998	Tune-up Int	MPR (dB)	
				2526	2592.99	2659.98			
60	Pi/2 BPSK	1	1	18.59	18.61	18.48	19.5	0.0	
Channel									
Frequency (MHz)				504204	518598	532998	Tune-up Int	MPR (dB)	
				2514.02	2592.99	2664.98			
50	Pi/2 BPSK	1	1	18.50	18.64	18.56	19.5	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up Int	MPR (dB)	
				2518.01	2592.99	2670			
40	Pi/2 BPSK	1	1	18.48	18.61	18.42	19.5	0.0	
Channel									
Frequency (MHz)				502200	518598	534998	Tune-up Int	MPR (dB)	
				2511	2592.99	2674.98			
30	Pi/2 BPSK	1	1	18.47	18.50	18.46	19.5	0.0	
Channel									
Frequency (MHz)				501204	518598	535998	Tune-up Int	MPR (dB)	
				2506.02	2592.99	2679.98			
20	Pi/2 BPSK	1	1	18.49	18.58	18.51	19.5	0.0	

Par27Q n77_Ant 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633000	633334	633666			
				3465	3500.01	3543.98			
100	Pi/2 BPSK	1	1	19.85	19.94	19.87			
100	Pi/2 BPSK	1	137	19.91			21.0	0.0	
100	Pi/2 BPSK	1	271	19.83					
100	Pi/2 BPSK	135	0	19.91			21.0	0.0	
100	Pi/2 BPSK	135	69	19.87			21.0	0.0	
100	Pi/2 BPSK	135	138	19.62			21.0	0.0	
100	Pi/2 BPSK	270	0	19.85					
100	QPSK	1	1	19.92					
100	QPSK	1	137	19.73			21.0	0.0	
100	QPSK	1	271	19.81					
100	QPSK	135	0	19.69					
100	QPSK	135	69	19.65			21.0	0.0	
100	QPSK	135	138	19.52					
100	QPSK	270	0	19.67			21.0	0.0	
100	16QAM	1	1	19.85			21.0	0.0	
100	16QAM	1	137	19.79			21.0	0.0	
100	256QAM	1	1	19.85			21.0	0.0	
Channel				633000	633334	633666	Hard-up		MPR
				3465	3500.01	3543.98	Int		
80	Pi/2 BPSK	1	1	19.89	19.94	19.87	21.0	0.0	
Channel				636968	633334	634000	Hard-up		MPR
				3465	3500.01	3510	Int		
80	Pi/2 BPSK	1	1	19.89	19.94	19.87	21.0	0.0	
Channel				632334	633334	634332	Hard-up		MPR
				3465	3500.01	3514.98	Int		
70	Pi/2 BPSK	1	1	19.80	19.87	19.79	21.0	0.0	
Channel				632000	633334	633966	Hard-up		MPR
				3465	3500.01	3519.99	Int		
60	Pi/2 BPSK	1	1	19.83	19.89	19.87	21.0	0.0	
Channel				637668	633334	638000	Hard-up		MPR
				3475.00	3500.01	3505	Int		
50	Pi/2 BPSK	1	1	19.82	19.89	19.81	21.0	0.0	
Channel				631334	633334	633332	Hard-up		MPR
				3470.00	3500.01	3520.00	Int		
40	Pi/2 BPSK	1	1	19.82	19.91	19.82	21.0	0.0	
Channel				631000	633334	633666	Hard-up		MPR
				3465	3500.01	3534.99	Int		
30	Pi/2 BPSK	1	1	19.81	19.94	19.87	21.0	0.0	
Channel				636968	633334	638000	Hard-up		MPR
				3467.00	3500.01	3545	Int		
20	Pi/2 BPSK	1	1	19.85	19.87	19.85	21.0	0.0	
Channel				635000	633334	635666	Hard-up		MPR
				3467.5	3500.01	3542.49	Int		
15	Pi/2 BPSK	1	1	19.85	19.96	19.81	21.0	0.0	
Channel				633334	633334	635666	Hard-up		MPR
				3467.5	3500.01	3544.98	Int		
10	Pi/2 BPSK	1	1	19.85	19.98	19.78	21.0	0.0	

Par270 n77_Ant 4									
(BW [MHz])	Modulation	RB Size	RB Offset	Power Low (dBm)	Power Med (dBm)	Power High (dBm)	Turn-up (sec)	MPR (dB)	
Channel									
100	Frequency (MHz)			3750	3640	3630			
100	P12 BPSK	1	1	18.89	19.86	19.85			
100	P12 BPSK	1	137	19.84	19.82	19.83	21.0	0.0	0.0
100	P16 BPSK	1	271	19.73	19.86	19.73			
100	P12 BPSK	135	0	19.73	19.82	19.80	21.0	0.0	0.0
100	P12 BPSK	1	6	19.78	19.82	19.78	21.0	0.0	0.0
100	P12 BPSK	135	138	19.65	19.67	19.63			
100	P12 BPSK	270	0	19.68	19.71	19.63			
100	QPSK	1	1	19.76	19.89	19.90			
100	QPSK	1	137	19.60	19.78	19.78	21.0	0.0	0.0
100	QPSK	1	271	19.66	19.73	19.66			
100	QPSK	135	0	19.76	19.84	19.79			
100	QPSK	135	69	19.71	19.74		21.0	0.0	0.0
100	QPSK	270	138	19.53	19.65				
100	QPSK	270	0	19.55	19.70	19.65			0.0
100	16QAM	1	1	19.76	19.85	19.71	21.0	0.0	0.0
100	16QAM	1	1	19.73	19.79	19.73			
100	256QAM	1	1	19.11	19.25	19.24	21.0	0.0	0.0
Channel									
80	Frequency (MHz)			64666	65600	66232			MPR
80	P12 BPSK	1	1	7347.02	3540	3534.58			
Channel									
80	Frequency (MHz)			649334	656000	662666			MPR
80	P12 BPSK	1	1	18.87	19.36	19.83	21.0	0.0	0.0
Channel									
80	Frequency (MHz)			3735	3640	3640			
70	P12 BPSK	1	1	19.77	19.74	19.88	21.0	0.0	0.0
Channel									
70	Frequency (MHz)			645344	656000	662000			MPR
70	P12 BPSK	1	1	19.70	19.64	19.69	19.8	0.0	0.0
Channel									
60	P12 BPSK	1	1	19.77	19.86	19.83	21.0	0.0	0.0
Channel									
60	Frequency (MHz)			645334	656000	663599			MPR
60	P12 BPSK	1	1	19.79	19.84	19.83	21.0	0.0	0.0
Channel									
50	P12 BPSK	1	1	19.84	19.90	19.84	21.0	0.0	0.0
Channel									
50	Frequency (MHz)			646000	656000	664000			MPR
50	P12 BPSK	1	1	19.84	19.92	19.87	21.0	0.0	0.0
Channel									
40	P12 BPSK	1	1	19.84	19.92	19.87	21.0	0.0	0.0
Channel									
40	Frequency (MHz)			646334	656000	664332			MPR
40	P12 BPSK	1	1	19.79	19.84	19.83	21.0	0.0	0.0
Channel									
30	P12 BPSK	1	1	19.79	19.84	19.83	21.0	0.0	0.0
Channel									
30	Frequency (MHz)			647334	656000	665666			MPR
30	P12 BPSK	1	1	19.79	19.84	19.83	21.0	0.0	0.0
Channel									
20	P12 BPSK	1	1	19.87	19.92	19.85	21.0	0.0	0.0
Channel									
20	Frequency (MHz)			647334	656000	665666			MPR
20	P12 BPSK	1	1	19.82	19.92	19.88	21.0	0.0	0.0
Channel									
15	P12 BPSK	1	1	19.82	19.92	19.88	21.0	0.0	0.0
Channel									
15	Frequency (MHz)			647000	656000	665000			MPR
15	P12 BPSK	1	1	19.85	19.95	19.92	21.0	0.0	0.0
Channel									
10	P12 BPSK	1	1	19.83	19.94	19.84	21.0	0.0	0.0

Par27Q n77_Ant 5								
(BW [MHz])	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mode Ch./Freq.	Power High Ch./Freq.	Turn-up time [ms]	MPR (dB)
Channel								
100	Pi4 BPSK	1	1	16.85	3500.01			
100	Pi4 BPSK	1	137	16.78	16.78	18.2	0.0	
100	Pi4 BPSK	1	271	16.77				
100	Pi4 BPSK	135	0	16.87		18.2	0.0	
100	Pi4 BPSK	135	138	16.82		18.2	0.0	
100	Pi4 BPSK	135	138	16.75				
100	Pi4 BPSK	270	0	16.75		18.2	0.0	
100	QPSK	1	1	16.85				
100	QPSK	1	137	16.81		18.2	0.0	
100	QPSK	1	271	16.77				
100	QPSK	135	0	16.86				
100	QPSK	135	0	16.80		18.2	0.0	
100	QPSK	135	138	16.80				
100	QPSK	270	0	16.84		18.2	0.0	
100	16QAM	1	1	16.84		18.2	0.0	
100	16QAM	1	1	16.72		18.2	0.0	
100	256QAM	1	1	16.84		18.2	0.0	
Channel								
80	Pi4 BPSK	1	1	16.76	16.75	18.2		
Channel								
	Frequency (MHz)	633000	633334	633668	Turn-up time [ms]	MPR (dB)		
		3449	3500.01	3504.99		0.0		
Channel								
	Frequency (MHz)	633668	633334	634000	Turn-up time [ms]	MPR (dB)		
		3450.02	3500.01	3510		0.0		
80	Pi2 BPSK	1	1	16.76	16.77	18.2	0.0	
Channel								
	Frequency (MHz)	634334	633165	634332	Turn-up time [ms]	MPR (dB)		
		3446.01	3500.01	3514.98		0.0		
70	Pi4 BPSK	1	1	16.68	16.73	16.70	18.2	0.0
Channel								
	Frequency (MHz)	634000	633165	634004	Turn-up time [ms]	MPR (dB)		
		3440	3500.01	3519.99		0.0		
60	Pi4 BPSK	1	1	16.68	16.75	16.69	18.2	0.0
Channel								
	Frequency (MHz)	631668	633334	633500	Turn-up time [ms]	MPR (dB)		
		3435.99	3500.01	3504.99		0.0		
50	Pi4 BPSK	1	1	16.68	16.80	16.71	18.2	0.0
Channel								
	Frequency (MHz)	631334	633334	633532	Turn-up time [ms]	MPR (dB)		
		3430.01	3500.01	3523.98		0.0		
40	Pi4 BPSK	1	1	16.77	16.78	16.68	18.2	0.0
Channel								
	Frequency (MHz)	631000	633334	633668	Turn-up time [ms]	MPR (dB)		
		3425	3500.01	3534.99		0.0		
30	Pi4 BPSK	1	1	16.73	16.72	16.68	18.2	0.0
Channel								
	Frequency (MHz)	630668	633334	633000	Turn-up time [ms]	MPR (dB)		
		3420.02	3500.01	3540		0.0		
20	Pi4 BPSK	1	1	16.68	16.76	16.72	18.2	0.0
Channel								
	Frequency (MHz)	630334	633334	633165	Turn-up time [ms]	MPR (dB)		
		3415.99	3500.01	3542.99		0.0		
15	Pi4 BPSK	1	1	16.72	16.74	16.68	18.2	0.0
Channel								
	Frequency (MHz)	630334	633334	633000	Turn-up time [ms]	MPR (dB)		
		3415.99	3500.01	3542.99		0.0		
10	Pi4 BPSK	1	1	16.77	16.76	16.70	18.2	0.0

Par270 n77 Ant 5									
RFW (MHz)	Modulation	RBI Size	RBI Offset	Power Low Channel (dBm)	Power Mode Channel (dBm)	Power High Channel (dBm)	Turn-up (sec)	MPR (dB)	
Channel									
100	P12 BPSK	1	1	16.42	16.50	16.48			
100	P12 BPSK	1	137	16.36	16.36	16.36	18.2	0.0	
100	P12 BPSK	1	271	16.45	16.54	16.38			
100	P12 BPSK	135	0	16.33	16.41	16.38	18.2	0.0	
100	P12 BPSK	137	137	16.36	16.36	16.36	18.2	0.0	
100	P12 BPSK	135	138	16.42	16.45	16.34			
100	P12 BPSK	270	0	16.27	16.42	16.31	18.2	0.0	
100	QPSK	1	1	16.37	16.38	16.32			
100	QPSK	1	137	16.36	16.36	16.36	18.2	0.0	
100	QPSK	1	271	16.39	16.38	16.38			
100	QPSK	135	0	16.47	16.50	16.38	18.2	0.0	
100	QPSK	135	69	16.36	16.36	16.37			
100	QPSK	135	137	16.36	16.36	16.42	18.2	0.0	
100	QPSK	270	0	16.32	16.45	16.30	18.2	0.0	
100	16QAM	1	1	16.39	16.53	16.51	18.2	0.0	
100	16QAM	1	1	16.37	16.46	16.41	18.2	0.0	
100	256QAM	1	1	16.23	16.36	16.21	18.2	0.0	
Channel									
Frequency (MHz)				649666	650000	650332	Turn-up (sec)	MPR (dB)	
80	P12 BPSK	1	1	16.33	16.42	16.48	18.2	0.0	
Channel									
Frequency (MHz)				649334	650000	650666	Turn-up (sec)	MPR (dB)	
80	P12 BPSK	1	1	16.40	16.45	16.53	18.2	0.0	
Channel									
Frequency (MHz)				3735	3840	3948	Turn-up (sec)	MPR (dB)	
70	P12 BPSK	1	1	16.37	16.51	16.45	18.2	0.0	
Channel									
Frequency (MHz)				3730.502	3840	3949.58	Turn-up (sec)	MPR (dB)	
60	P12 BPSK	1	1	16.39	16.50	16.45	18.2	0.0	
Channel									
Frequency (MHz)				645334	650000	653666	Turn-up (sec)	MPR (dB)	
50	QPSK	1	1	16.34	16.44	16.44	18.2	0.0	
Channel									
Frequency (MHz)				648000	650000	664000	Turn-up (sec)	MPR (dB)	
40	P12 BPSK	1	1	16.36	16.49	16.38	18.2	0.0	
Channel									
Frequency (MHz)				647668	650000	664332	Turn-up (sec)	MPR (dB)	
30	P12 BPSK	1	1	16.29	16.43	16.28	18.2	0.0	
Channel									
Frequency (MHz)				647338	650000	664666	Turn-up (sec)	MPR (dB)	
20	P12 BPSK	1	1	16.310	16.40	16.40	18.2	0.0	
Channel									
Frequency (MHz)				647211	650000	664544	Turn-up (sec)	MPR (dB)	
15	P12 BPSK	1	1	16.38	16.51	16.37	18.2	0.0	
Channel									
Frequency (MHz)				647000	650000	665000	Turn-up (sec)	MPR (dB)	
10	P12 BPSK	1	1	16.35	16.50	16.32	18.2	0.0	
10	P12 BPSK	1	1	16.37	16.48	16.43	18.2	0.0	

Par27Q n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.47	15.47	15.47	16.5	0.0	
100	P12 BPSK	1	137	15.48	15.48	15.48	16.5	0.0	
100	P12 BPSK	1	271	15.43	15.43	15.43	16.5	0.0	
100	P12 BPSK	135	0	15.47	15.47	15.47	16.5	0.0	
100	P12 BPSK	135	69	15.51	15.51	15.51	16.5	0.0	
100	P12 BPSK	135	138	15.48	15.48	15.48	16.5	0.0	
100	P12 BPSK	270	0	15.47	15.47	15.47	16.5	0.0	
100	QPSK	1	1	15.42	15.42	15.42	16.5	0.0	
100	QPSK	1	137	15.40	15.40	15.40	16.5	0.0	
100	QPSK	1	271	15.39	15.39	15.39	16.5	0.0	
100	QPSK	135	0	15.46	15.46	15.46	16.5	0.0	
100	QPSK	135	69	15.45	15.45	15.45	16.5	0.0	
100	QPSK	135	138	15.35	15.35	15.35	16.5	0.0	
100	QPSK	270	0	15.47	15.47	15.47	16.5	0.0	
100	16QAM	1	1	15.52	15.52	15.52	16.5	0.0	
100	64QAM	1	1	15.53	15.53	15.53	16.5	0.0	
100	256QAM	1	1	15.30	15.30	15.30	16.5	0.0	
Channel									
50	Frequency (MHz)	633000	633334	633668	633999	634332	Tune-up Int. (dBm)	MPR (dB)	
50	P12 BPSK	1	1	15.42	15.44	15.46	16.5	0.0	
Channel									
80	Frequency (MHz)	632668	633334	634000	634666	635332	Tune-up Int. (dBm)	MPR (dB)	
80	P12 BPSK	1	1	15.41	15.40	15.41	16.5	0.0	
Channel									
70	Frequency (MHz)	634801	635001	635148	635298	635448	Tune-up Int. (dBm)	MPR (dB)	
70	P12 BPSK	1	1	15.45	15.45	15.45	16.5	0.0	
Channel									
60	Frequency (MHz)	632000	633334	634666	636000	637332	Tune-up Int. (dBm)	MPR (dB)	
60	P12 BPSK	1	1	15.40	15.50	15.45	16.5	0.0	
Channel									
50	Frequency (MHz)	631668	633334	635000	636666	638332	Tune-up Int. (dBm)	MPR (dB)	
50	P12 BPSK	1	1	15.42	15.47	15.37	16.5	0.0	
Channel									
40	Frequency (MHz)	631334	633334	635332	637332	639332	Tune-up Int. (dBm)	MPR (dB)	
40	P12 BPSK	1	1	15.43	15.54	15.39	16.5	0.0	
Channel									
30	Frequency (MHz)	631000	633334	635666	638000	640332	Tune-up Int. (dBm)	MPR (dB)	
30	P12 BPSK	1	1	15.43	15.44	15.39	16.5	0.0	
Channel									
20	Frequency (MHz)	630668	633334	636000	638666	641332	Tune-up Int. (dBm)	MPR (dB)	
20	P12 BPSK	1	1	15.47	15.44	15.40	16.5	0.0	
Channel									
15	Frequency (MHz)	630334	633334	636332	639000	641666	Tune-up Int. (dBm)	MPR (dB)	
15	P12 BPSK	1	1	15.42	15.54	15.43	16.5	0.0	
Channel									
10	Frequency (MHz)	630000	633334	636666	639332	642000	Tune-up Int. (dBm)	MPR (dB)	
10	P12 BPSK	1	1	15.40	15.47	15.38	16.5	0.0	

Par270 n77_Ant 6									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.10	15.19	15.13	16.5	0.0	
100	P12 BPSK	1	137	14.99	15.14	15.15	16.5	0.0	
100	P12 BPSK	1	271	15.07	15.18	15.03	16.5	0.0	
100	P12 BPSK	135	0	14.97	15.07	15.05	16.5	0.0	
100	P12 BPSK	135	69	15.07	15.09	15.00	16.5	0.0	
100	P12 BPSK	135	138	14.87	14.97	14.85	16.5	0.0	
100	P12 BPSK	270	0	15.06	15.11	14.96	16.5	0.0	
100	QPSK	1	1	14.99	15.06	15.01	16.5	0.0	
100	QPSK	1	137	15.04	15.18	15.04	16.5	0.0	
100	QPSK	1	271	14.92	15.03	15.04	16.5	0.0	
100	QPSK	135	0	14.85	14.89	14.98	16.5	0.0	
100	QPSK	135	69	15.16	15.15	15.14	16.5	0.0	
100	QPSK	135	138	15.05	15.06	14.93	16.5	0.0	
100	QPSK	270	0	15.09	15.16	15.08	16.5	0.0	
100	16QAM	1	1	15.10	15.15	15.15	16.5	0.0	
100	64QAM	1	1	15.06	15.12	15.08	16.5	0.0	
100	256QAM	1	1	14.95	15.07	14.99	16.5	0.0	
Channel									
	Frequency (MHz)			649668	650000	650332	Tune-up Int. (dBm)		MPR (dB)
90	P12 BPSK	1	1	14.86	14.95	14.94	16.5	0.0	
Channel									
	Frequency (MHz)			649334	650000	650666	Tune-up Int. (dBm)		MPR (dB)
80	P12 BPSK	1	1	14.89	14.89	14.91	16.5	0.0	
Channel									
	Frequency (MHz)			649000	650000	651000	Tune-up Int. (dBm)		MPR (dB)
70	P12 BPSK	1	1	14.92	14.95	14.96	16.5	0.0	
Channel									
	Frequency (MHz)			648666	650000	651332	Tune-up Int. (dBm)		MPR (dB)
60	P12 BPSK	1	1	14.92	14.96	14.89	16.5	0.0	
Channel									
	Frequency (MHz)			648332	650000	651666	Tune-up Int. (dBm)		MPR (dB)
50	P12 BPSK	1	1	14.92	14.96	14.93	16.5	0.0	
Channel									
	Frequency (MHz)			648000	650000	651999	Tune-up Int. (dBm)		MPR (dB)
40	P12 BPSK	1	1	14.83	14.95	14.94	16.5	0.0	
Channel									
	Frequency (MHz)			647668	650000	652332	Tune-up Int. (dBm)		MPR (dB)
30	P12 BPSK	1	1	14.85	15.01	14.95	16.5	0.0	
Channel									
	Frequency (MHz)			647334	650000	652666	Tune-up Int. (dBm)		MPR (dB)
20	P12 BPSK	1	1	14.85	15.01	14.93	16.5	0.0	
Channel									
	Frequency (MHz)			647000	650000	653000	Tune-up Int. (dBm)		MPR (dB)
15	P12 BPSK	1	1	14.83	14.96	14.90	16.5	0.0	
Channel									
	Frequency (MHz)			6467000	650000	653332	Tune-up Int. (dBm)		MPR (dB)
10	P12 BPSK	1	1	14.91	14.95	14.91	16.5	0.0	

Par27Q n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3600.01		3633.34			
100	P12 BPSK	1	1	19.35	19.35	19.35	20.0	0.0	
100	P12 BPSK	1	137	19.17	19.17	19.17	20.0	0.0	
100	P12 BPSK	1	271	19.09	19.09	19.09	20.0	0.0	
100	P12 BPSK	135	0	19.22	19.22	19.22	20.0	0.0	
100	P12 BPSK	135	69	19.25	19.25	19.25	20.0	0.0	
100	P12 BPSK	135	138	19.17	19.17	19.17	20.0	0.0	
100	P12 BPSK	270	0	19.13	19.13	19.13	20.0	0.0	
100	QPSK	1	1	19.21	19.21	19.21	20.0	0.0	
100	QPSK	1	137	19.31	19.31	19.31	20.0	0.0	
100	QPSK	1	271	19.04	19.04	19.04	20.0	0.0	
100	QPSK	135	0	19.19	19.19	19.19	20.0	0.0	
100	QPSK	135	69	19.26	19.26	19.26	20.0	0.0	
100	QPSK	135	138	19.11	19.11	19.11	20.0	0.0	
100	QPSK	270	0	19.09	19.09	19.09	20.0	0.0	
100	16QAM	1	1	19.26	19.26	19.26	20.0	0.0	
100	64QAM	1	1	19.14	19.14	19.14	20.0	0.0	
100	256QAM	1	1	19.27	19.27	19.27	20.0	0.0	
Channel									
Frequency (MHz)				6330.00		6333.34		6336.66	
50	P12 BPSK	1	1	19.19	19.22	19.17	20.0	0.0	
Channel									
Frequency (MHz)				6369.68		6333.34		6340.00	
100	P12 BPSK	1	1	19.28	19.27	19.20	20.0	0.0	
Channel									
Frequency (MHz)				3460.01		3500.01		3540.02	
70	P12 BPSK	1	1	19.18	19.32	19.31	20.0	0.0	
Channel									
Frequency (MHz)				3480		3500.01		3519.99	
60	P12 BPSK	1	1	19.20	19.31	19.31	20.0	0.0	
Channel									
Frequency (MHz)				6320.00		6333.34		6350.00	
50	P12 BPSK	1	1	19.24	19.24	19.21	20.0	0.0	
Channel									
Frequency (MHz)				6333.34		6333.34		6333.32	
40	P12 BPSK	1	1	19.19	19.22	19.15	20.0	0.0	
Channel									
Frequency (MHz)				6310.00		6333.34		6356.66	
30	P12 BPSK	1	1	19.27	19.31	19.22	20.0	0.0	
Channel									
Frequency (MHz)				3465		3500.01		3534.99	
20	P12 BPSK	1	1	19.27	19.31	19.22	20.0	0.0	
Channel									
Frequency (MHz)				3490.02		3500.01		3540	
20	P12 BPSK	1	1	19.25	19.26	19.25	20.0	0.0	
Channel									
Frequency (MHz)				6350.00		6333.34		6350.00	
15	P12 BPSK	1	1	19.17	19.31	19.31	20.0	0.0	
Channel									
Frequency (MHz)				3455.01		3500.01		3544.98	
10	P12 BPSK	1	1	19.21	19.24	19.23	20.0	0.0	

Par270 n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	18.38	18.55	18.41			
100	Pi2 BPSK	1	137	18.31	18.37	18.29	20.0	0.0	
100	Pi2 BPSK	1	271	18.31	18.31	18.21			
100	Pi2 BPSK	135	0	18.31	18.32	18.42	20.0	0.0	
100	Pi2 BPSK	135	69	18.36	18.52	18.45	20.0	0.0	
100	Pi2 BPSK	135	138	18.13	18.33	18.29	20.0	0.0	
100	Pi2 BPSK	270	0	18.35	18.46	18.46			
100	QPSK	1	1	18.46	18.47	18.41			
100	QPSK	1	137	18.26	18.43	18.34	20.0	0.0	
100	QPSK	1	271	18.17	18.20	18.17			
100	QPSK	135	0	18.38	18.47	18.38			
100	QPSK	135	69	18.37	18.54	18.50	20.0	0.0	
100	QPSK	135	138	18.21	18.32	18.21			
100	QPSK	270	0	18.33	18.44	18.31	20.0	0.0	
100	16QAM	1	1	18.34	18.35	18.28	20.0	0.0	
100	64QAM	1	1	18.36	18.47	18.37	20.0	0.0	
100	256QAM	1	1	18.34	18.45	18.50	20.0	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	18.16	18.42	18.13	20.0	0.0	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	18.27	18.50	18.31	20.0	0.0	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	18.25	18.53	18.28	20.0	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	18.30	18.43	18.32	20.0	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	18.36	18.50	18.38	20.0	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	18.29	18.53	18.30	20.0	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	18.31	18.46	18.39	20.0	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	18.27	18.51	18.35	20.0	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	18.35	18.50	18.38	20.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	18.31	18.50	18.35	20.0	0.0	

Part27Q n78_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1		19.20				
100	Pi2 BPSK	1	137		19.19		21.0	0.0	
100	Pi2 BPSK	1	271		18.92				
100	Pi2 BPSK	135	0		19.00		21.0	0.0	
100	Pi2 BPSK	135	69		19.02		21.0	0.0	
100	Pi2 BPSK	135	138		18.90		21.0	0.0	
100	Pi2 BPSK	270	0		19.00				
100	QPSK	1	1		19.11				
100	QPSK	1	137		19.10		21.0	0.0	
100	QPSK	1	271		19.11				
100	QPSK	135	0		19.06				
100	QPSK	135	69		19.02		21.0	0.0	
100	QPSK	135	138		18.88				
100	QPSK	270	0		19.04		21.0	0.0	
100	16QAM	1	1		19.14		21.0	0.0	
100	64QAM	1	1		19.10		21.0	0.0	
100	256QAM	1	1		19.12		21.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	633000	633334	633666	tune-up limit	MPR	(dB)
90	Pi2 BPSK	1	1	3485	3500.01	3504.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	632668	633104	633540	tune-up limit	MPR	(dB)
80	Pi2 BPSK	1	1	3489.02	3500.01	3510.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	632000	632434	632866	tune-up limit	MPR	(dB)
70	Pi2 BPSK	1	1	3485.01	3500.01	3514.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	631332	631766	632198	tune-up limit	MPR	(dB)
60	Pi2 BPSK	1	1	19.09	19.16	19.01	21.0	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	631668	632104	632540	tune-up limit	MPR	(dB)
50	Pi2 BPSK	1	1	3485.00	3500.01	3514.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	631194	631628	632060	tune-up limit	MPR	(dB)
40	Pi2 BPSK	1	1	19.11	19.16	19.09	21.0	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	631334	631768	632200	tune-up limit	MPR	(dB)
30	Pi2 BPSK	1	1	3489.01	3500.01	3514.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	631000	631434	631866	tune-up limit	MPR	(dB)
20	Pi2 BPSK	1	1	19.10	19.07	19.00	21.0	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	630334	630768	631200	tune-up limit	MPR	(dB)
15	Pi2 BPSK	1	1	3484.99	3500.01	3514.98	tune-up limit	MPR	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	630000	630434	630866	tune-up limit	MPR	(dB)
10	Pi2 BPSK	1	1	19.03	19.13	19.02	21.0	0.0	

Part270 n78_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1		19.08				
100	Pi2 BPSK	1	137		18.83		21.0	0.0	
100	Pi2 BPSK	1	271		18.76				
100	Pi2 BPSK	135	0		18.98		21.0	0.0	
100	Pi2 BPSK	135	69		19.05		21.0	0.0	
100	Pi2 BPSK	135	138		18.84		21.0	0.0	
100	Pi2 BPSK	270	0		19.00				
100	QPSK	1	1		19.06				
100	QPSK	1	137		18.96		21.0	0.0	
100	QPSK	1	271		18.86				
100	QPSK	135	0		18.80				
100	QPSK	135	69		18.94		21.0	0.0	
100	QPSK	135	138		18.70				
100	QPSK	270	0		18.85		21.0	0.0	
100	16QAM	1	1		18.99		21.0	0.0	
100	64QAM	1	1		18.94		21.0	0.0	
100	256QAM	1	1		18.85		21.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	649686	650000	650332	19.05	19.01	MPR
				3748.02	3750	3754.88	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	650338	650666	650996	19.04	19.00	MPR
				3740.01	3750	3759.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	651000	651332	651666	19.03	19.00	MPR
				3736.00	3750	3768	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	651666	652000	652332	19.02	19.00	MPR
				3732.00	3750	3760	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	652332	652666	653000	19.01	19.00	MPR
				3728.00	3750	3758	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	652666	653000	653332	19.00	19.00	MPR
				3724.00	3750	3748	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	653332	653666	654000	18.99	18.99	MPR
				3720.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	654000	654332	654666	18.97	18.97	MPR
				3716.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	654666	655000	655332	18.96	18.96	MPR
				3712.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	655000	655332	655666	18.95	18.95	MPR
				3708.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	655666	656000	656332	18.94	18.94	MPR
				3704.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	656332	656666	657000	18.93	18.93	MPR
				3700.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	657000	657332	657666	18.92	18.92	MPR
				3696.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	657666	658000	658332	18.91	18.91	MPR
				3692.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	658332	658666	659000	18.90	18.90	MPR
				3688.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	659000	659332	659666	18.89	18.89	MPR
				3684.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	659666	660000	660332	18.88	18.88	MPR
				3680.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	660332	660666	661000	18.87	18.87	MPR
				3676.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	661000	661332	661666	18.86	18.86	MPR
				3672.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	661666	662000	662332	18.85	18.85	MPR
				3668.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	662332	662666	663000	18.84	18.84	MPR
				3664.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	663000	663332	663666	18.83	18.83	MPR
				3660.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	663666	664000	664332	18.82	18.82	MPR
				3656.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	664332	664666	665000	18.81	18.81	MPR
				3652.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	665000	665332	665666	18.80	18.80	MPR
				3648.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	665666	666000	666332	18.79	18.79	MPR
				3644.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	666332	666666	667000	18.78	18.78	MPR
				3640.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	667000	667332	667666	18.77	18.77	MPR
				3636.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	667666	668000	668332	18.76	18.76	MPR
				3632.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	668332	668666	669000	18.75	18.75	MPR
				3628.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	669000	669332	669666	18.74	18.74	MPR
				3624.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	669666	670000	670332	18.73	18.73	MPR
				3620.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	670332	670666	671000	18.72	18.72	MPR
				3616.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	671000	671332	671666	18.71	18.71	MPR
				3612.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	671666	672000	672332	18.70	18.70	MPR
				3608.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	672332	672666	673000	18.69	18.69	MPR
				3604.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	673000	673332	673666	18.68	18.68	MPR
				3600.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	673666	674000	674332	18.67	18.67	MPR
				3596.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	674332	674666	675000	18.66	18.66	MPR
				3592.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	675000	675332	675666	18.65	18.65	MPR
				3588.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	675666	676000	676332	18.64	18.64	MPR
				3584.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	676332	676666	677000	18.63	18.63	MPR
				3580.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	677000	677332	677666	18.62	18.62	MPR
				3576.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	677666	678000	678332	18.61	18.61	MPR
				3572.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	678332	678666	679000	18.60	18.60	MPR
				3568.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	679000	679332	679666	18.59	18.59	MPR
				3564.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	679666	680000	680332	18.58	18.58	MPR
				3560.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	680332	680666	681000	18.57	18.57	MPR
				3556.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	681000	681332	681666	18.56	18.56	MPR
				3552.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	681666	682000	682332	18.55	18.55	MPR
				3548.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	682332	682666	683000	18.54	18.54	MPR
				3544.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	683000	683332	683666	18.53	18.53	MPR
				3540.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	683666	684000	684332	18.52	18.52	MPR
				3536.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	684332	684666	685000	18.51	18.51	MPR
				3532.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	685000	685332	685666	18.50	18.50	MPR
				3528.00	3750	3749.99	21.0	0.0	(dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	685666	686000	686332	18.49		

Part27Q n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	16.64	16.62	16.64	18.0	0.0	
100	PI2 BPSK	1	137	16.52	16.50	16.52	18.0	0.0	
100	PI2 BPSK	1	271	16.59	16.57	16.59	18.0	0.0	
100	PI2 BPSK	135	0	16.44	16.42	16.44	18.0	0.0	
100	PI2 BPSK	135	69	16.54	16.52	16.54	18.0	0.0	
100	PI2 BPSK	135	138	16.48	16.46	16.48	18.0	0.0	
100	PI2 BPSK	270	0	16.44	16.42	16.44	18.0	0.0	
100	QPSK	1	1	16.30	16.28	16.30	18.0	0.0	
100	QPSK	1	137	16.54	16.52	16.54	18.0	0.0	
100	QPSK	1	271	16.56	16.54	16.56	18.0	0.0	
100	QPSK	135	0	16.31	16.29	16.31	18.0	0.0	
100	QPSK	135	69	16.46	16.44	16.46	18.0	0.0	
100	QPSK	135	138	16.47	16.45	16.47	18.0	0.0	
100	QPSK	270	0	16.44	16.42	16.44	18.0	0.0	
100	16QAM	1	1	16.52	16.50	16.52	18.0	0.0	
100	64QAM	1	1	16.44	16.42	16.44	18.0	0.0	
100	256QAM	1	1	16.25	16.23	16.25	18.0	0.0	
Channel									
Frequency (MHz)				633000	633334	633668	Tune-up limit (dB)	MPR	
50	PI2 BPSK	1	1	16.56	16.57	16.52	18.0	0.0	
Channel									
Frequency (MHz)				632668	633334	634000	Tune-up limit (dB)	MPR	
80	PI2 BPSK	1	1	16.53	16.52	16.49	18.0	0.0	
Channel									
Frequency (MHz)				3480.02	3500.01	3514.98	Tune-up limit (dBm)	MPR	
70	PI2 BPSK	1	1	16.48	16.50	16.49	18.0	0.0	
Channel									
Frequency (MHz)				3480	3500.01	3519.99	Tune-up limit (dB)	MPR	
60	PI2 BPSK	1	1	16.54	16.59	16.53	18.0	0.0	
Channel									
Frequency (MHz)				631668	633334	635000	Tune-up limit (dB)	MPR	
50	PI2 BPSK	1	1	16.52	16.54	16.48	18.0	0.0	
Channel									
Frequency (MHz)				631334	633334	635332	Tune-up limit (dB)	MPR	
40	PI2 BPSK	1	1	16.15	16.40	16.53	18.0	0.0	
Channel									
Frequency (MHz)				631000	633334	635668	Tune-up limit (dB)	MPR	
30	PI2 BPSK	1	1	16.54	16.50	16.48	18.0	0.0	
Channel									
Frequency (MHz)				3480.00	3500.01	3520	Tune-up limit (dB)	MPR	
20	PI2 BPSK	1	1	16.54	16.59	16.49	18.0	0.0	
Channel									
Frequency (MHz)				630668	633334	636000	Tune-up limit (dB)	MPR	
15	PI2 BPSK	1	1	16.51	16.52	16.48	18.0	0.0	
Channel									
Frequency (MHz)				630334	633334	636332	Tune-up limit (dB)	MPR	
10	PI2 BPSK	1	1	16.52	16.51	16.54	18.0	0.0	

Part27O n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	16.55	16.53	16.55	18.0	0.0	
100	PI2 BPSK	1	137	16.61	16.59	16.61	18.0	0.0	
100	PI2 BPSK	1	271	16.57	16.55	16.57	18.0	0.0	
100	PI2 BPSK	135	0	16.48	16.46	16.48	18.0	0.0	
100	PI2 BPSK	135	69	16.53	16.51	16.53	18.0	0.0	
100	PI2 BPSK	135	138	16.58	16.56	16.58	18.0	0.0	
100	PI2 BPSK	270	0	16.48	16.46	16.48	18.0	0.0	
100	QPSK	1	1	16.46	16.44	16.46	18.0	0.0	
100	QPSK	1	137	16.56	16.54	16.56	18.0	0.0	
100	QPSK	1	271	16.63	16.61	16.63	18.0	0.0	
100	QPSK	135	0	16.46	16.44	16.46	18.0	0.0	
100	QPSK	135	69	16.55	16.53	16.55	18.0	0.0	
100	QPSK	135	138	16.50	16.48	16.50	18.0	0.0	
100	QPSK	270	0	16.44	16.42	16.44	18.0	0.0	
100	16QAM	1	1	16.63	16.61	16.63	18.0	0.0	
100	64QAM	1	1	16.55	16.53	16.55	18.0	0.0	
100	256QAM	1	1	16.42	16.40	16.42	18.0	0.0	
Channel									
Frequency (MHz)				649668	650000	650332	Tune-up limit (dB)	MPR	
90	PI2 BPSK	1	1	16.54	16.50	16.49	18.0	0.0	
Channel									
Frequency (MHz)				649334	650000	650666	Tune-up limit (dB)	MPR	
80	PI2 BPSK	1	1	16.62	16.62	16.48	18.0	0.0	
Channel									
Frequency (MHz)				3735	3750	3765	Tune-up limit (dBm)	MPR	
70	PI2 BPSK	1	1	16.56	16.53	16.50	18.0	0.0	
Channel									
Frequency (MHz)				3730.02	3750	3769.98	Tune-up limit (dB)	MPR	
60	PI2 BPSK	1	1	16.50	16.61	16.59	18.0	0.0	
Channel									
Frequency (MHz)				648334	650000	651666	Tune-up limit (dB)	MPR	
50	PI2 BPSK	1	1	16.52	16.57	16.48	18.0	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit (dB)	MPR	
40	PI2 BPSK	1	1	16.50	16.53	16.45	18.0	0.0	
Channel									
Frequency (MHz)				647668	650000	652332	Tune-up limit (dB)	MPR	
30	PI2 BPSK	1	1	16.55	16.56	16.49	18.0	0.0	
Channel									
Frequency (MHz)				3710.01	3750	3769.99	Tune-up limit (dB)	MPR	
20	PI2 BPSK	1	1	16.55	16.52	16.51	18.0	0.0	
Channel									
Frequency (MHz)				647168	650000	652832	Tune-up limit (dB)	MPR	
15	PI2 BPSK	1	1	16.56	16.60	16.49	18.0	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up limit (dB)	MPR	
10	PI2 BPSK	1	1	16.50	16.55	16.49	18.0	0.0	

Part27Q n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				7000.91					
100	PI2 BPSK	1	1	15.40	15.40	15.40	16.5	0.0	
100	PI2 BPSK	1	137	15.41	15.45	15.45	16.5	0.0	
100	PI2 BPSK	1	271	15.41	15.35	15.35	16.5	0.0	
100	PI2 BPSK	135	0	15.38	15.38	15.38	16.5	0.0	
100	PI2 BPSK	135	69	15.43	15.38	15.38	16.5	0.0	
100	PI2 BPSK	135	138	15.29	15.29	15.29	16.5	0.0	
100	PI2 BPSK	270	0	15.39	15.39	15.39	16.5	0.0	
100	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
100	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
100	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
100	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
100	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
100	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
100	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
100	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
100	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
100	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
100	PI2 BPSK	1	1	15.43	15.43	15.43	16.5	0.0	
100	PI2 BPSK	1	137	15.43	15.41	15.39	16.5	0.0	
Channel				633668					
Frequency (MHz)				633334					
100	PI2 BPSK	1	1	15.40	15.40	15.40	16.5	0.0	
100	PI2 BPSK	1	137	15.40	15.40	15.40	16.5	0.0	
Channel				633334					
Frequency (MHz)				633334					
70	PI2 BPSK	1	1	15.42	15.42	15.42	16.5	0.0	
70	PI2 BPSK	1	137	15.40	15.40	15.40	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
60	PI2 BPSK	1	1	15.39	15.41	15.39	16.5	0.0	
60	PI2 BPSK	1	137	15.41	15.43	15.43	16.5	0.0	
60	PI2 BPSK	1	271	15.41	15.39	15.39	16.5	0.0	
60	PI2 BPSK	135	0	15.38	15.38	15.38	16.5	0.0	
60	PI2 BPSK	135	69	15.43	15.43	15.43	16.5	0.0	
60	PI2 BPSK	135	138	15.29	15.29	15.29	16.5	0.0	
60	PI2 BPSK	270	0	15.39	15.39	15.39	16.5	0.0	
60	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
60	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
60	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
60	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
60	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
60	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
60	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
60	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
60	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
60	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
50	PI2 BPSK	1	1	15.37	15.42	15.44	16.5	0.0	
50	PI2 BPSK	1	137	15.34	15.34	15.34	16.5	0.0	
50	PI2 BPSK	1	271	15.31	15.31	15.31	16.5	0.0	
50	PI2 BPSK	135	0	15.30	15.30	15.30	16.5	0.0	
50	PI2 BPSK	135	69	15.35	15.35	15.35	16.5	0.0	
50	PI2 BPSK	135	138	15.21	15.21	15.21	16.5	0.0	
50	PI2 BPSK	270	0	15.31	15.31	15.31	16.5	0.0	
50	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
50	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
50	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
50	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
50	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
50	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
50	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
50	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
50	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
50	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
40	PI2 BPSK	1	1	15.40	15.40	15.40	16.5	0.0	
40	PI2 BPSK	1	137	15.40	15.40	15.40	16.5	0.0	
40	PI2 BPSK	1	271	15.40	15.40	15.40	16.5	0.0	
40	PI2 BPSK	135	0	15.38	15.38	15.38	16.5	0.0	
40	PI2 BPSK	135	69	15.43	15.43	15.43	16.5	0.0	
40	PI2 BPSK	135	138	15.29	15.29	15.29	16.5	0.0	
40	PI2 BPSK	270	0	15.39	15.39	15.39	16.5	0.0	
40	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
40	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
40	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
40	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
40	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
40	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
40	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
40	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
40	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
40	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
30	PI2 BPSK	1	1	15.40	15.40	15.40	16.5	0.0	
30	PI2 BPSK	1	137	15.40	15.40	15.40	16.5	0.0	
30	PI2 BPSK	1	271	15.40	15.40	15.40	16.5	0.0	
30	PI2 BPSK	135	0	15.38	15.38	15.38	16.5	0.0	
30	PI2 BPSK	135	69	15.43	15.43	15.43	16.5	0.0	
30	PI2 BPSK	135	138	15.29	15.29	15.29	16.5	0.0	
30	PI2 BPSK	270	0	15.39	15.39	15.39	16.5	0.0	
30	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
30	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
30	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
30	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
30	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
30	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
30	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
30	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
30	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
30	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
15	PI2 BPSK	1	1	15.37	15.40	15.41	16.5	0.0	
15	PI2 BPSK	1	137	15.34	15.34	15.34	16.5	0.0	
15	PI2 BPSK	1	271	15.31	15.31	15.31	16.5	0.0	
15	PI2 BPSK	135	0	15.30	15.30	15.30	16.5	0.0	
15	PI2 BPSK	135	69	15.35	15.35	15.35	16.5	0.0	
15	PI2 BPSK	135	138	15.21	15.21	15.21	16.5	0.0	
15	PI2 BPSK	270	0	15.31	15.31	15.31	16.5	0.0	
15	QPSK	1	1	15.33	15.33	15.33	16.5	0.0	
15	QPSK	1	137	15.44	15.44	15.44	16.5	0.0	
15	QPSK	1	271	15.36	15.36	15.36	16.5	0.0	
15	QPSK	135	0	15.27	15.27	15.27	16.5	0.0	
15	QPSK	135	69	15.47	15.47	15.47	16.5	0.0	
15	QPSK	135	138	15.26	15.26	15.26	16.5	0.0	
15	QPSK	270	0	15.43	15.43	15.43	16.5	0.0	
15	16QAM	1	1	15.41	15.41	15.41	16.5	0.0	
15	64QAM	1	1	15.40	15.40	15.40	16.5	0.0	
15	256QAM	1	1	15.31	15.31	15.31	16.5	0.0	
Channel				633000					
Frequency (MHz)				633334					
10	PI2 BPSK	1	1	15.40	15.47	15.35	16.5	0.0	



Part270 n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750	15.55				
100	PI2 BPSK	1	1		15.54		16.5	0.0	
100	PI2 BPSK	1	137		15.46				
100	PI2 BPSK	1	271		15.49		16.5	0.0	
100	PI2 BPSK	135	0		15.40		16.5	0.0	
100	PI2 BPSK	135	69		15.50		16.5	0.0	
100	PI2 BPSK	135	138		15.43		16.5	0.0	
100	PI2 BPSK	270	0		15.45				
100	QPSK	1	1		15.47				
100	QPSK	1	137		15.39		16.5	0.0	
100	QPSK	1	271		15.32				
100	QPSK	135	0		15.39		16.5	0.0	
100	QPSK	135	69		15.33				
100	QPSK	135	138		15.33				
100	QPSK	270	0		15.52		16.5	0.0	
100	16QAM	1	1		15.48		16.5	0.0	
100	64QAM	1	1		15.54		16.5	0.0	
100	256QAM	1	1		15.49		16.5	0.0	
Channel				649668	650000	650332	Tune-up Int.	MPR	
Frequency (MHz)				3743.02	3750	3756.98		(dB)	
50	PI2 BPSK	1	1		15.46	15.50	15.5	0.0	
Channel				648334	650000	650966	Tune-up Int.	MPR	
Frequency (MHz)				3749.01	3750	3759.99		(dB)	
80	PI2 BPSK	1	1		15.47	15.44	15.5	0.0	
Channel				649500	650000	651000	Tune-up Int.	MPR	
Frequency (MHz)				3735	3750	3765		(dB)	
70	PI2 BPSK	1	1		15.39	15.51	15.45	16.5	0.0
Channel				648068	650000	651332	Tune-up Int.	MPR	
Frequency (MHz)				3739.02	3750	3769.98		(dB)	
60	PI2 BPSK	1	1		15.40	15.44	15.37	16.5	0.0
Channel				648334	650000	651666	Tune-up Int.	MPR	
Frequency (MHz)				3724.01	3750	3774.99		(dB)	
50	PI2 BPSK	1	1		15.47	15.44	15.45	16.5	0.0
Channel				648000	650000	652000	Tune-up Int.	MPR	
Frequency (MHz)				3720	3750	3780		(dB)	
40	PI2 BPSK	1	1		15.37	15.45	15.41	16.5	0.0
Channel				647668	650000	652332	Tune-up Int.	MPR	
Frequency (MHz)				3716.02	3750	3784.98		(dB)	
30	PI2 BPSK	1	1		15.39	15.50	15.45	16.5	0.0
Channel				647334	650000	652666	Tune-up Int.	MPR	
Frequency (MHz)				3710.01	3750	3789.99		(dB)	
20	PI2 BPSK	1	1		15.47	15.44	15.39	16.5	0.0
Channel				647168	650000	652932	Tune-up Int.	MPR	
Frequency (MHz)				3707.25	3750	3792.75		(dB)	
15	PI2 BPSK	1	1		15.38	15.42	15.45	16.5	0.0
Channel				647000	650000	653000	Tune-up Int.	MPR	
Frequency (MHz)				3702	3750	3798		(dB)	
10	PI2 BPSK	1	1		15.43	15.42	15.40	16.5	0.0

Part27Q n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633000	633334	633666	Turn-up Int. (dBm)		MPR (dB)
100	PI2 BPSK	1	1	18.92					
100	PI2 BPSK	1	137		19.03		20.5	0.0	
100	PI2 BPSK	1	271		19.01				
100	PI2 BPSK	135	0		18.95		20.5	0.0	
100	PI2 BPSK	135	69		18.98		20.5	0.0	
100	PI2 BPSK	135	138		18.87		20.5	0.0	
100	PI2 BPSK	270	0		18.93				
100	QPSK	1	1		19.00				
100	QPSK	1	137		18.98		20.5	0.0	
100	QPSK	1	271		19.00				
100	QPSK	135	0		18.89		20.5	0.0	
100	QPSK	135	69		18.86				
100	QPSK	135	138		18.94		20.5	0.0	
100	QPSK	270	0		18.92		20.5	0.0	
100	16QAM	1	1		18.98		20.5	0.0	
100	64QAM	1	1		18.97		20.5	0.0	
100	256QAM	1	1		18.91		20.5	0.0	
Channel									
Frequency (MHz)				633000	633334	633666	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3500.01	3500.01	3504.99	Int. (dB)		MPR (dB)
90	PI2 BPSK	1	1	18.96	19.03	18.98	20.5	0.0	
Channel									
Frequency (MHz)				632668	633334	634000	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	Int. (dB)		MPR (dB)
80	PI2 BPSK	1	1	18.80	19.05	18.90	20.5	0.0	
Channel									
Frequency (MHz)				632334	633334	634332	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	Int. (dB)		MPR (dB)
70	PI2 BPSK	1	1	18.80	18.98	18.93	20.5	0.0	
Channel									
Frequency (MHz)				632000	633334	634666	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	Int. (dB)		MPR (dB)
60	PI2 BPSK	1	1	18.86	19.03	18.88	20.5	0.0	
Channel									
Frequency (MHz)				631668	633334	635000	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	Int. (dB)		MPR (dB)
50	PI2 BPSK	1	1	18.88	18.95	18.95	20.5	0.0	
Channel									
Frequency (MHz)				631334	633334	635332	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	Int. (dB)		MPR (dB)
40	PI2 BPSK	1	1	18.97	18.99	18.97	20.5	0.0	
Channel									
Frequency (MHz)				631000	633334	635666	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3465	3500.01	3534.98	Int. (dB)		MPR (dB)
30	PI2 BPSK	1	1	18.86	18.98	18.87	20.5	0.0	
Channel									
Frequency (MHz)				630668	633334	636000	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	Int. (dB)		MPR (dB)
20	PI2 BPSK	1	1	19.00	19.02	18.98	20.5	0.0	
Channel									
Frequency (MHz)				630334	633334	636332	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98	Int. (dB)		MPR (dB)
15	PI2 BPSK	1	1	18.99	19.04	18.96	20.5	0.0	
Channel									
Frequency (MHz)				630000	633334	636666	Turn-up Int. (dBm)		MPR (dB)
Frequency (MHz)				3450.01	3500.01	3549.99	Int. (dB)		MPR (dB)
10	PI2 BPSK	1	1	18.90	18.98	18.89	20.5	0.0	

Part270 n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				37500	18.80				
100	PI2 BPSK	1	1		18.77		20.5	0.0	
100	PI2 BPSK	1	137		18.87				
100	PI2 BPSK	1	271		18.87		20.5	0.0	
100	PI2 BPSK	135	0		18.96		20.5	0.0	
100	PI2 BPSK	135	69		18.77		20.5	0.0	
100	PI2 BPSK	135	138		18.67		20.5	0.0	
100	PI2 BPSK	270	0		18.75		20.5	0.0	
100	QPSK	1	1		18.71				
100	QPSK	1	137		18.75		20.5	0.0	
100	QPSK	1	271		18.77				
100	QPSK	135	0		18.79		20.5	0.0	
100	QPSK	135	69		18.75				
100	QPSK	135	138		18.65		20.5	0.0	
100	QPSK	270	0		18.72		20.5	0.0	
100	16QAM	1	1		18.79		20.5	0.0	
100	64QAM	1	1		18.77		20.5	0.0	
100	256QAM	1	1		18.75		20.5	0.0	
Channel									
Frequency (MHz)				648668	650000	650332	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3743.02	3750	3756.98	Int. (dB)		
90	PI2 BPSK	1	1	18.68	18.73	18.81	20.5	0.0	
Channel									
Frequency (MHz)				648334	650000	650966	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3740.01	3750	3759.99	Int. (dB)		
80	PI2 BPSK	1	1	18.67	18.70	18.63	20.5	0.0	
Channel									
Frequency (MHz)				648000	650000	651000	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3735	3750	3765	Int. (dB)		
70	PI2 BPSK	1	1	18.64	18.77	18.63	20.5	0.0	
Channel									
Frequency (MHz)				647668	650000	651332	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3730.02	3750	3769.98	Int. (dB)		
60	PI2 BPSK	1	1	18.68	18.74	18.60	20.5	0.0	
Channel									
Frequency (MHz)				648334	650000	651666	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3724.01	3750	3774.99	Int. (dB)		
50	PI2 BPSK	1	1	18.72	18.75	18.60	20.5	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3720	3750	3780	Int. (dB)		
40	PI2 BPSK	1	1	18.66	18.77	18.66	20.5	0.0	
Channel									
Frequency (MHz)				647668	650000	652332	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3716.02	3750	3784.98	Int. (dB)		
30	PI2 BPSK	1	1	18.62	18.71	18.66	20.5	0.0	
Channel									
Frequency (MHz)				647334	650000	652666	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3710.01	3750	3789.99	Int. (dB)		
20	PI2 BPSK	1	1	18.70	18.72	18.69	20.5	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3707.50	3750	3792.48	Int. (dB)		
15	PI2 BPSK	1	1	18.67	18.74	18.70	20.5	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up Int. (dBm)	MPR	
Frequency (MHz)				3707.50	3750	3792.48	Int. (dB)		
10	PI2 BPSK	1	1	18.72	18.68	18.67	20.5	0.0	



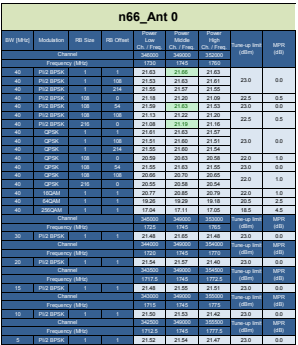
Reduced DS13 power for 5G NR

n5_Ant 0									
5G (MHz)	Modulation	RB Size	RB Offset	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	MPT (dB)
Channel									
Frequency (MHz)									
20	PDSCH	1	1	24.43	24.58	24.53			
20	PDSCH	1	53	24.41	24.42	24.30	25.5	0.0	
20	PDSCH	1	106	24.36	24.37	24.37			
20	PDSCH	50	5	24.08	24.32	24.08	25.0	0.0	
20	PDSCH	50	20	24.10	24.30	24.28	25.5	0.0	
20	PDSCH	50	50	23.98	23.95	23.95	25.0	0.0	
20	PDSCH	100	0	23.77	23.49	23.23	25.0	0.0	
20	CPICH	1	1	23.27	23.30	23.30			
20	CPICH	1	53	23.30	23.37	23.30	25.0	0.0	
20	CPICH	1	106	23.32	23.41	23.27			
20	CPICH	50	5	23.26	23.30	23.30	24.5	0.0	
20	CPICH	50	20	23.18	23.32	23.08	25.0	0.0	
20	CPICH	50	50	23.00	23.00	23.00	24.5	0.0	
20	CPICH	100	0	22.80	22.86	22.86	24.5	0.0	
20	PCFICH	1	1	22.90	22.94	22.97	24.5	0.0	
20	PCFICH	1	5	23.02	23.02	23.02	23.5	0.0	
20	SSBCH	1	1	19.91	19.90	19.90	21.0	4.5	
Channel									
10	PDSCH	1	1	24.38	24.35	24.35	25.5	0.0	
Channel									
10	PDSCH	1	1	24.42	24.56	24.26	25.5	0.0	
Channel									
5	PDSCH	1	1	24.40	24.35	24.32	25.5	0.0	

n5_Ant 1									
5G (MHz)	Modulation	RB Size	RB Offset	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	MPT (dB)
Channel									
Frequency (MHz)									
20	PDSCH	1	1	24.03	24.23	23.98			
20	PDSCH	1	53	23.99	23.99	23.91	25.5	0.0	
20	PDSCH	1	106	23.93	23.92	23.93			
20	PDSCH	50	5	24.09	24.09	24.05	25.0	0.0	
20	PDSCH	50	20	23.99	24.18	23.97	25.0	0.0	
20	PDSCH	50	50	23.81	23.97	23.97	25.0	0.0	
20	PDSCH	100	0	23.60	24.20	23.79	25.0	0.0	
20	CPICH	1	1	23.00	23.09	23.00			
20	CPICH	1	53	23.00	23.01	23.09	25.0	0.0	
20	CPICH	1	106	23.00	23.09	23.09			
20	CPICH	50	5	22.97	23.00	23.04	24.5	0.0	
20	CPICH	50	20	22.90	23.00	23.00	25.0	0.0	
20	CPICH	50	50	22.80	22.80	22.80	24.5	0.0	
20	CPICH	100	0	22.54	22.60	22.59	24.5	0.0	
20	PCFICH	1	1	23.04	23.08	23.04	24.5	0.0	
20	PCFICH	1	5	23.16	23.12	23.16	23.5	0.0	
20	SSBCH	1	1	19.97	19.92	19.92	21.0	4.0	
Channel									
10	PDSCH	1	1	23.98	24.18	23.81	25.0	0.0	
Channel									
10	PDSCH	1	1	23.97	24.13	23.97	25.0	0.0	
Channel									
5	PDSCH	1	1	23.90	24.14	23.91	25.0	0.0	

n7_Ant 0									
5G (MHz)	Modulation	RB Size	RB Offset	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	MPT (dB)
Channel									
Frequency (MHz)									
40	PDSCH	1	1	21.20	21.32	21.16			
40	PDSCH	1	106	21.14	21.19	21.11	22.5	0.0	
40	PDSCH	1	206	21.10	21.27	21.20			
40	PDSCH	100	5	21.13	21.21	21.20	22.5	0.0	
40	PDSCH	100	50	21.21	21.25	21.15	22.5	0.0	
40	PDSCH	100	100	21.17	21.22	21.20	22.5	0.0	
40	PDSCH	200	0	20.93	21.15	20.93			
40	CPICH	1	1	21.00	21.00	21.07			
40	CPICH	1	106	21.03	21.03	21.03	22.5	0.0	
40	CPICH	1	206	21.11	21.08	21.20			
40	CPICH	100	5	21.00	21.00	21.00	22.0	0.0	
40	CPICH	100	50	21.23	21.30	21.24	22.0	0.0	
40	CPICH	100	100	20.90	20.90	20.90	22.0	0.0	
40	CPICH	200	0	20.77	20.88	20.76			
40	PCFICH	1	1	21.00	21.12	20.90	22.0	0.0	
40	PCFICH	1	5	21.02	21.02	21.02	21.0	0.0	
40	SSBCH	1	1	17.91	17.97	17.90	19.5	4.0	
Channel									
20	PDSCH	1	1	21.07	21.07	21.00	22.5	0.0	
Channel									
20	PDSCH	1	1	21.14	21.24	21.04	22.5	0.0	
Channel									
15	PDSCH	1	1	21.15	21.25	21.15	22.5	0.0	
Channel									
10	PDSCH	1	1	21.10	21.20	21.00	22.5	0.0	
Channel									
5	PDSCH	1	1	21.13	21.23	21.13	22.5	0.0	

n7_Ant 1									
5G (MHz)	Modulation	RB Size	RB Offset	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	Power 25.774 (dBm)	MPT (dB)
Channel									
Frequency (MHz)									
40	PDSCH	1	1	19.70	19.60	19.64			
40	PDSCH	1	106	19.70	19.71	19.63	21.5	0.0	
40	PDSCH	1	206	19.60	19.60	19.60			
40	PDSCH	100	5	19.50	19.61	19.53	21.5	0.0	
40	PDSCH	100	50	19.62	19.60	19.50	21.5	0.0	
40	PDSCH	100	100	19.50	19.50	19.50	21.5	0.0	
40	PDSCH	200	0	19.30	19.50	19.30			
40	CPICH	1	1	19.63	19.70	19.60			
40	CPICH	1	106	19.60	19.60	19.60	21.5	0.0	
40	CPICH	1	206	19.50	19.50	19.51			
40	CPICH	100	5	19.54	19.61	19.54	21.5	0.0	
40	CPICH	100	50	19.64	19.61	19.50	21.5	0.0	
40	CPICH	100	100	19.54	19.54	19.54	21.5	0.0	
40	CPICH	200	0	19.37	19.70	19.30			
40	PCFICH	1	1	19.60	19.60	19.50	21.5	0.0	
40	PCFICH	1	5	19.71	19.70	19.70	21.0	0.0	
40	SSBCH	1	1	16.30	16.31	16.27	19.5	2.0	
Channel									
20	PDSCH	1	1	19.60	19.70	19.60	21.5	0.0	
Channel									
20	PDSCH	1	1	19.60	19.70	19.60	21.5	0.0	
Channel									
15	PDSCH	1	1	19.60	19.70	19.60	21.5	0.0	
Channel									
10	PDSCH	1	1	19.60	19.70	19.60	21.5	0.0	
Channel									
5	PDSCH	1	1	19.60	19.70	19.60	21.5	0.0	



n66_Ant 1									
Site (MHz)	Modulation	RF Size	RF Offset	Power LNA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000
Channel									
40	PI2 BPSK	1	1	20.34	20.34	20.34			
40	PI2 BPSK	1	108	20.36	20.36	20.36	20.0	0.0	
40	PI2 BPSK	1	204	20.37	20.37	20.37			
40	PI2 BPSK	108	0	20.37	20.38	20.37	20.0	0.0	
40	PI2 BPSK	108	54	20.37	20.38	20.37	20.0	0.0	
40	PI2 BPSK	108	108	20.37	20.38	20.37	20.0	0.0	
40	PI2 BPSK	216	0	20.37	20.37	20.37			
40	QPSK	1	1	20.18	20.18	20.18			
40	QPSK	1	108	20.20	20.20	20.20	20.0	0.0	
40	QPSK	1	204	20.20	20.20	20.20			
40	QPSK	108	0	20.20	20.20	20.20	20.0	0.0	
40	QPSK	108	54	20.19	20.20	20.19	20.0	0.0	
40	QPSK	108	108	20.19	20.20	20.19	20.0	0.0	
40	QPSK	216	0	20.19	20.19	20.19			
40	16QAM	1	1	20.34	20.34	20.34	20.0	0.0	
40	16QAM	1	1	19.75	19.75	19.75	20.0	0.0	
40	256QAM	1	1	19.16	19.16	19.17	19.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.24	20.24	20.24	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.28	20.28	20.28	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.30	20.30	20.30	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.30	20.30	20.30	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	20.21	20.21	20.21	20.0	0.0	

n66_Ant 2									
Site (MHz)	Modulation	RF Size	RF Offset	Power LNA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000
Channel									
40	PI2 BPSK	1	1	20.69	20.69	20.70			
40	PI2 BPSK	1	108	20.67	20.74	20.69	20.5	0.0	
40	PI2 BPSK	1	204	20.67	20.70	20.69			
40	PI2 BPSK	108	0	20.64	20.67	20.65	20.0	0.0	
40	PI2 BPSK	108	54	20.64	20.67	20.65	20.0	0.0	
40	PI2 BPSK	108	108	20.67	20.67	20.69	20.0	0.0	
40	PI2 BPSK	216	0	20.65	20.65	20.68			
40	QPSK	1	1	20.67	20.70	20.70			
40	QPSK	1	108	20.65	20.74	20.65	20.5	0.0	
40	QPSK	1	204	20.67	20.67	20.67			
40	QPSK	108	0	20.67	20.64	20.64	20.0	0.0	
40	QPSK	108	54	20.69	20.67	20.70	20.0	0.0	
40	QPSK	108	108	20.68	20.68	20.64	20.0	0.0	
40	QPSK	216	0	20.68	20.67	20.70	20.0	0.0	
40	16QAM	1	1	20.12	20.20	20.00	20.0	0.0	
40	16QAM	1	1	20.75	20.77	20.87	20.0	0.0	
40	256QAM	1	1	19.84	19.79	19.70	19.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.68	20.74	20.68	20.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.68	20.68	20.68	20.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.67	20.68	20.67	20.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.65	20.65	20.65	20.5	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	20.67	20.71	20.67	20.0	0.0	

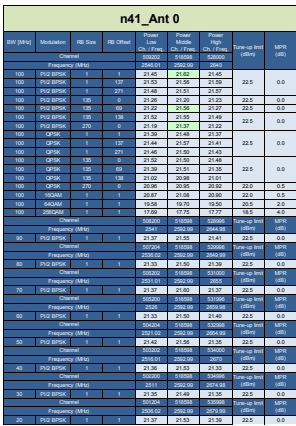
n66_Ant 3									
Site (MHz)	Modulation	RF Size	RF Offset	Power LNA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000	Power PA dBm 340000
Channel									
40	PI2 BPSK	1	1	20.68	20.68	20.68			
40	PI2 BPSK	1	108	20.68	20.68	20.68	20.0	0.0	
40	PI2 BPSK	1	204	20.70	20.70	20.68			
40	PI2 BPSK	108	0	20.65	20.67	20.65	20.0	0.0	
40	PI2 BPSK	108	54	20.65	20.68	20.64	20.0	0.0	
40	PI2 BPSK	108	108	20.68	20.68	20.67	20.0	0.0	
40	PI2 BPSK	216	0	20.65	20.65	20.67			
40	QPSK	1	1	20.71	20.70	20.70			
40	QPSK	1	108	20.67	20.74	20.64	20.0	0.0	
40	QPSK	1	204	20.68	20.68	20.68			
40	QPSK	108	0	20.68	20.68	20.68	20.0	0.0	
40	QPSK	108	54	20.68	20.68	20.68	20.0	0.0	
40	QPSK	108	108	20.68	20.68	20.68	20.0	0.0	
40	QPSK	216	0	20.68	20.68	20.68	20.0	0.0	
40	16QAM	1	1	20.68	20.68	20.68	20.0	0.0	
40	16QAM	1	1	20.70	20.70	20.70	20.0	0.0	
40	256QAM	1	1	19.40	19.40	19.37	19.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.65	20.64	20.64	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	20.67	20.68	20.68	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.65	20.65	20.65	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.70	20.64	20.64	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	20.65	20.65	20.65	20.0	0.0	

n38_Ant 0									
EW (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power Tx / Power Tx / Power	Power Rx CL / Power Rx / Power Rx / Power	Power Tx CL / Power Tx / Power Tx / Power	Time up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	21.70	21.64	21.54			
40	PSS BPSK	1	0	21.62	21.60	21.61	22.5	0.0	
40	PSS BPSK	1	104	21.70	21.62	21.48			
40	PSS BPSK	0	0	21.60	21.60	21.60	22.5	0.0	
40	PSS BPSK	0	20	21.60	21.72	21.50	22.5	0.0	
40	PSS BPSK	0	0	21.60	21.64	21.40	22.5	0.0	
40	PSS BPSK	100	0	21.64	21.60	21.60			
40	CPSS	1	1	21.52	21.62	21.51			
40	CPSS	1	0	21.62	21.74	21.64	22.5	0.0	
40	CPSS	1	104	21.60	21.60	21.48			
40	CPSS	0	0	21.40	21.60	21.40	22.5	0.0	
40	CPSS	0	20	21.60	21.74	21.61	22.5	0.0	
40	CPSS	0	0	21.60	21.64	21.60	22.5	0.0	
40	CPSS	100	0	20.67	20.61	20.70	22.0	0.5	
40	HSKAW	1	1	20.61	20.60	20.63	22.0	0.5	
40	HSKAW	1	1	20.60	20.60	20.60	20.5	2.0	
40	HSKAW	1	1	17.77	17.60	17.70	18.5	4.0	
Channel									
30	PSS BPSK	1	1	21.67	21.70	21.49	22.5	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.67	21.70	21.49	22.5	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.66	21.65	21.64	22.5	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	21.66	21.66	21.65	22.5	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	21.66	21.70	21.60	22.5	0.0	

n38_Ant 1									
EW (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power Tx / Power Tx / Power	Power Rx CL / Power Rx / Power Rx / Power	Power Tx CL / Power Tx / Power Tx / Power	Time up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	20.22	20.20	20.10			
40	PSS BPSK	1	0	20.10	20.20	20.10	21.0	0.0	
40	PSS BPSK	1	104	20.10	20.10	20.07			
40	PSS BPSK	0	0	20.21	20.20	20.10	21.0	0.0	
40	PSS BPSK	0	20	20.10	20.20	20.10	21.0	0.0	
40	PSS BPSK	0	0	20.20	20.20	20.10	21.0	0.0	
40	PSS BPSK	100	0	19.03	20.10	19.09	21.0	0.0	
40	CPSS	1	1	20.10	20.20	20.07			
40	CPSS	1	0	20.20	20.20	20.07	21.0	0.0	
40	CPSS	1	104	19.00	20.20	19.00			
40	CPSS	0	0	20.00	20.00	19.00			
40	CPSS	0	20	19.00	20.00	19.00	21.0	0.0	
40	CPSS	0	0	20.00	20.00	19.00	21.0	0.0	
40	CPSS	100	0	19.00	20.00	19.00	21.0	0.0	
40	HSKAW	1	1	20.20	20.20	19.00	21.0	0.0	
40	HSKAW	1	1	20.20	20.20	20.10	21.0	0.0	
40	HSKAW	1	1	19.10	19.20	19.10	19.0	2.0	
Channel									
30	PSS BPSK	1	1	20.20	20.20	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	20.20	20.20	20.07	21.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	20.10	20.20	20.10	21.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	20.10	20.10	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	20.10	20.10	20.00	21.0	0.0	

n38_Ant 2									
EW (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power Tx / Power Tx / Power	Power Rx CL / Power Rx / Power Rx / Power	Power Tx CL / Power Tx / Power Tx / Power	Time up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	21.66	21.72	21.67			
40	PSS BPSK	1	0	21.64	21.62	21.64	22.0	0.0	
40	PSS BPSK	1	104	21.63	21.60	21.67			
40	PSS BPSK	0	0	21.67	21.60	21.67	22.0	0.0	
40	PSS BPSK	0	20	21.60	21.64	21.67	22.0	0.0	
40	PSS BPSK	0	0	21.63	21.60	21.60	22.0	0.0	
40	PSS BPSK	100	0	21.61	21.62	21.60			
40	CPSS	1	1	21.60	21.70	21.60			
40	CPSS	1	0	21.63	21.63	21.60	22.0	0.0	
40	CPSS	1	104	21.64	21.60	21.60			
40	CPSS	0	0	21.60	21.60	21.60	22.0	0.0	
40	CPSS	0	20	21.60	21.64	21.60	22.0	0.0	
40	CPSS	0	0	21.60	21.60	21.60	22.0	0.0	
40	CPSS	100	0	21.62	21.62	21.60	22.0	0.0	
40	HSKAW	1	1	21.63	21.67	21.64	21.0	0.0	
40	HSKAW	1	1	21.67	21.70	21.60	22.0	0.0	
40	HSKAW	1	1	20.20	20.40	20.20	19.0	1.0	
Channel									
30	PSS BPSK	1	1	21.66	21.62	21.64	22.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.64	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	21.60	21.70	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	21.67	21.70	21.60	22.0	0.0	

n38_Ant 3									
EW (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power Tx / Power Tx / Power	Power Rx CL / Power Rx / Power Rx / Power	Power Tx CL / Power Tx / Power Tx / Power	Time up time (min)	MPE (dB)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	21.60	21.60	21.60			
40	PSS BPSK	1	0	21.64	21.60	21.67	22.0	0.0	
40	PSS BPSK	1	104	21.60	21.60	21.60			
40	PSS BPSK	0	0	21.60	21.60	21.60	22.0	0.0	
40	PSS BPSK	0	20	21.60	21.60	21.60	22.0	0.0	
40	PSS BPSK	0	0	21.60	21.60	21.60	22.0	0.0	
40	PSS BPSK	100	0	21.60	21.60	21.60	22.0	0.0	
40	CPSS	1	1	21.60	21.60	21.60			
40	CPSS	1	0	21.63	21.60	21.60	22.0	0.0	
40	CPSS	1	104	21.60	21.60	21.60			
40	CPSS	0	0	21.60	21.60	21.60	22.0	0.0	
40	CPSS	0	20	21.60	21.60	21.60	22.0	0.0	
40	CPSS	0	0	21.60	21.60	21.60	22.0	0.0	
40	CPSS	100	0	21.60	21.60	21.60	22.0	0.0	
40	HSKAW	1	1	21.60	21.60	21.60	22.0	0.0	
40	HSKAW	1	1	21.60	21.60	21.60	22.0	0.0	
40	HSKAW	1	1	20.20	20.40	20.20	19.0	1.0	
Channel									
30	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	21.60	21.60	21.60	22.0	0.0	



n41_Ant 1									
Site (MHz)	Modulation	File Size	File Offset	Time Start	Time End	Power Avg	Power Peak	Interfering Signal	MFR (dB)
100	PSK (BPSK)	1	1	20.000	20.123	18.80	19.80		
100	PSK (BPSK)	1	271	19.925	20.048	18.80	19.80	21.0	0.0
100	PSK (BPSK)	1	541	19.850	19.973	18.80	19.80		
100	PSK (BPSK)	1	811	19.775	19.898	18.80	19.80		
100	PSK (BPSK)	1	1081	19.700	19.823	18.80	19.80		
100	PSK (BPSK)	1	1351	19.625	19.748	18.80	19.80	21.0	0.0
100	QPSK	1	1	19.700	19.823	18.84	19.84		
100	QPSK	1	271	19.625	19.748	18.84	19.84	21.0	0.0
100	QPSK	1	541	19.550	19.673	18.84	19.84		
100	QPSK	1	811	19.475	19.598	18.84	19.84		
100	QPSK	1	1081	19.400	19.523	18.84	19.84	21.0	0.0
100	QPSK	1	1351	19.325	19.448	18.84	19.84		
100	QPSK	1	1621	19.250	19.373	18.84	19.84		
100	QPSK	1	1891	19.175	19.298	18.84	19.84		
100	QPSK	1	2161	19.100	19.223	18.84	19.84	21.0	0.0
100	QPSK	1	2431	19.025	19.148	18.84	19.84		
100	QPSK	1	2701	18.950	19.073	18.84	19.84		
100	QPSK	1	2971	18.875	18.998	18.84	19.84	21.0	0.0
100	QPSK	1	3241	18.800	18.923	18.84	19.84		
100	QPSK	1	3511	18.725	18.848	18.84	19.84		
100	QPSK	1	3781	18.650	18.773	18.84	19.84	21.0	0.0
100	QPSK	1	4051	18.575	18.698	18.84	19.84		
100	QPSK	1	4321	18.500	18.623	18.84	19.84	21.0	0.0
100	QPSK	1	4591	18.425	18.548	18.84	19.84		
100	QPSK	1	4861	18.350	18.473	18.84	19.84	21.0	0.0
100	QPSK	1	5131	18.275	18.398	18.84	19.84		
100	QPSK	1	5401	18.200	18.323	18.84	19.84	21.0	0.0
100	QPSK	1	5671	18.125	18.248	18.84	19.84		
100	QPSK	1	5941	18.050	18.173	18.84	19.84	21.0	0.0
100	QPSK	1	6211	17.975	18.098	18.84	19.84		
100	QPSK	1	6481	17.900	18.023	18.84	19.84	21.0	0.0
100	QPSK	1	6751	17.825	17.948	18.84	19.84		
100	QPSK	1	7021	17.750	17.873	18.84	19.84	21.0	0.0
100	QPSK	1	7291	17.675	17.798	18.84	19.84		
100	QPSK	1	7561	17.600	17.723	18.84	19.84	21.0	0.0
100	QPSK	1	7831	17.525	17.648	18.84	19.84		
100	QPSK	1	8101	17.450	17.573	18.84	19.84	21.0	0.0
100	QPSK	1	8371	17.375	17.498	18.84	19.84		
100	QPSK	1	8641	17.300	17.423	18.84	19.84	21.0	0.0
100	QPSK	1	8911	17.225	17.348	18.84	19.84		
100	QPSK	1	9181	17.150	17.273	18.84	19.84	21.0	0.0
100	QPSK	1	9451	17.075	17.198	18.84	19.84		
100	QPSK	1	9721	17.000	17.123	18.84	19.84	21.0	0.0
100	QPSK	1	10000	16.925	17.048	18.84	19.84		
100	QPSK	1	10270	16.850	16.973	18.84	19.84	21.0	0.0
100	QPSK	1	10540	16.775	16.898	18.84	19.84		
100	QPSK	1	10810	16.700	16.823	18.84	19.84	21.0	0.0
100	QPSK	1	11080	16.625	16.748	18.84	19.84		
100	QPSK	1	11350	16.550	16.673	18.84	19.84	21.0	0.0
100	QPSK	1	11620	16.475	16.598	18.84	19.84		
100	QPSK	1	11890	16.400	16.523	18.84	19.84	21.0	0.0
100	QPSK	1	12160	16.325	16.448	18.84	19.84		
100	QPSK	1	12430	16.250	16.373	18.84	19.84	21.0	0.0
100	QPSK	1	12700	16.175	16.298	18.84	19.84		
100	QPSK	1	12970	16.100	16.223	18.84	19.84	21.0	0.0
100	QPSK	1	13240	16.025	16.148	18.84	19.84		
100	QPSK	1	13510	15.950	16.073	18.84	19.84	21.0	0.0
100	QPSK	1	13780	15.875	15.998	18.84	19.84		
100	QPSK	1	14050	15.800	15.923	18.84	19.84	21.0	0.0
100	QPSK	1	14320	15.725	15.848	18.84	19.84		
100	QPSK	1	14590	15.650	15.773	18.84	19.84	21.0	0.0
100	QPSK	1	14860	15.575	15.698	18.84	19.84		
100	QPSK	1	15130	15.500	15.623	18.84	19.84	21.0	0.0
100	QPSK	1	15400	15.425	15.548	18.84	19.84		
100	QPSK	1	15670	15.350	15.473	18.84	19.84	21.0	0.0
100	QPSK	1	15940	15.275	15.398	18.84	19.84		
100	QPSK	1	16210	15.200	15.323	18.84	19.84	21.0	0.0
100	QPSK	1	16480	15.125	15.248	18.84	19.84		
100	QPSK	1	16750	15.050	15.173	18.84	19.84	21.0	0.0
100	QPSK	1	17020	14.975	15.098	18.84	19.84		
100	QPSK	1	17290	14.900	15.023	18.84	19.84	21.0	0.0
100	QPSK	1	17560	14.825	14.948	18.84	19.84		
100	QPSK	1	17830	14.750	14.873	18.84	19.84	21.0	0.0
100	QPSK	1	18100	14.675	14.798	18.84	19.84		
100	QPSK	1	18370	14.600	14.723	18.84	19.84	21.0	0.0
100	QPSK	1	18640	14.525	14.648	18.84	19.84		
100	QPSK	1	18910	14.450	14.573	18.84	19.84	21.0	0.0
100	QPSK	1	19180	14.375	14.498	18.84	19.84		
100	QPSK	1	19450	14.300	14.423	18.84	19.84	21.0	0.0
100	QPSK	1	19720	14.225	14.348	18.84	19.84		
100	QPSK	1	20000	14.150	14.273	18.84	19.84	21.0	0.0
100	QPSK	1	20270	14.075	14.198	18.84	19.84		
100	QPSK	1	20540	14.000	14.123	18.84	19.84	21.0	0.0
100	QPSK	1	20810	13.925	14.048	18.84	19.84		
100	QPSK	1	21080	13.850	13.973	18.84	19.84	21.0	0.0
100	QPSK	1	21350	13.775	13.898	18.84	19.84		
100	QPSK	1	21620	13.700	13.823	18.84	19.84	21.0	0.0
100	QPSK	1	21890	13.625	13.748	18.84	19.84		
100	QPSK	1	22160	13.550	13.673	18.84	19.84	21.0	0.0
100	QPSK	1	22430	13.475	13.598	18.84	19.84		
100	QPSK	1	22700	13.400	13.523	18.84	19.84	21.0	0.0
100	QPSK	1	22970	13.325	13.448	18.84	19.84		
100	QPSK	1	23240	13.250	13.373	18.84	19.84	21.0	0.0
100	QPSK	1	23510	13.175	13.298	18.84	19.84		
100	QPSK	1	23780	13.100	13.223	18.84	19.84	21.0	0.0
100	QPSK	1	24050	13.025	13.148	18.84	19.84		
100	QPSK	1	24320	12.950	13.073	18.84	19.84	21.0	0.0
100	QPSK	1	24590	12.875	12.998	18.84	19.84		
100	QPSK	1	24860	12.800	12.923	18.84	19.84	21.0	0.0
100	QPSK	1	25130	12.725	12.848	18.84	19.84		
100	QPSK	1	25400	12.650	12.773	18.84	19.84	21.0	0.0
100	QPSK	1	25670	12.575	12.698	18.84	19.84		
100	QPSK	1	25940	12.500	12.623	18.84	19.84	21.0	0.0
100	QPSK	1	26210	12.425	12.548	18.84	19.84		
100	QPSK	1	26480	12.350	12.473	18.84	19.84	21.0	0.0
100	QPSK	1	26750	12.275	12.398	18.84	19.84		
100	QPSK	1	27020	12.200	12.323	18.84	19.84	21.0	0.0
100	QPSK	1	27290	12.125	12.248	18.84	19.84		
100	QPSK	1	27560	12.050	12.173	18.84	19.84	21.0	0.0
100	QPSK	1	27830	11.975	12.098	18.84	19.84		
100	QPSK	1	28100	11.900	12.023	18.84	19.84	21.0	0.0
100	QPSK	1	28370	11.825	11.948	18.84	19.84		
100	QPSK	1	28640	11.750	11.873	18.84	19.84	21.0	0.0
100	QPSK	1	28910	11.675	11.798	18.84	19.84		
100	QPSK	1	29180	11.600	11.723	18.84	19.84	21.0	0.0
100	QPSK	1	29450	11.525	11.648	18.84	19.84		
100	QPSK	1	29720	11.450	11.573	18.84	19.84	21.0	0.0
100	QPSK	1	30000	11.375	11.498	18.84	19.84		
100	QPSK	1	30270	11.300	11.423	18.84	19.84	21.0	0.0
100	QPSK	1	30540	11.225	11.348	18.84	19.84		
100	QPSK	1	30810	11.150	11.273	18.84	19.84	21.0	0.0
100	QPSK	1	31080	11.075	11.198	18.84	19.84		
100	QPSK	1	31350	11.000	11.123	18.84	19.84	21.0	0.0
100	QPSK	1	31620	10.925	11.048	18.84	19.84		
100	QPSK	1	31890	10.850	10.973	18.84	19.84	21.0	0.0
100	QPSK	1	32160	10.775	10.898	18.84	19.84		
100	QPSK	1	32430	10.700	10.823	18.84	19.84	21.0	0.0
100	QPSK	1	32700	10.625	10.748	18.84	19.84		
100	QPSK	1	32970	10.550	10.673	18.84	19.84	21.0	0.0
100	QPSK	1	33240	10.475	10.598	18.84	19.84		
100	QPSK	1	33510	10.400	10.523	18.84	19.84	21.0	0.0
100	QPSK	1	33780	10.325	10.448	18.84	19.84		
100	QPSK	1	34050	10.250	10.373	18.84	19.84	21.0	0.0
100	QPSK	1	34320	10.175	10.298	18.84	19.84		
100	QPSK	1	34590	10.100	10.223	18.84	19.84	21.0	0.0
100	QPSK	1	34860	10.025	10.148	18.84	19.84		
100	QPSK	1	35130	9					

n41_Ant 2									
Seq ID#s	Annotation	Ref Size	Ref Offset	Low Complexity Masked	Low Complexity Masked	High Complexity Masked	Sequence Score	Seqs Identical	Seqs Identical
100	PIR2 SPPLS: 1	1	21.16	21.20	21.17		22.17	0.0	
100	PIR2 SPPLS: 2	1	21.16	21.20	21.17		22.17	0.0	
100	PIR2 SPPLS: 3	1	21.16	21.21	21.17		22.17	0.0	
100	PIR2 SPPLS: 126	126	20.85	21.02	20.85		22.03	0.0	
100	PIR2 SPPLS: 127	127	20.85	21.02	20.85		22.03	0.0	
100	PIR2 SPPLS: 128	128	20.85	21.02	20.85		22.03	0.0	
100	PIR2 SPPLS: 129	129	20.85	21.02	20.85		22.03	0.0	
100	PIR2 SPPLS: 130	130	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 131	131	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 132	132	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 133	133	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 134	134	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 135	135	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 136	136	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 137	137	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 138	138	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 139	139	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 140	140	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 141	141	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 142	142	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 143	143	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 144	144	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 145	145	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 146	146	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 147	147	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 148	148	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 149	149	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 150	150	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 151	151	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 152	152	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 153	153	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 154	154	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 155	155	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 156	156	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 157	157	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 158	158	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 159	159	21.04	21.08	21.05		22.10	0.0	
100	PIR2 SPPLS: 160	160	21.04	21.08	21.05		22.10	0.0	

90	PIR2 SPPLS: 1	1	21.08	21.10	21.05		22.05	0.0	
90	PIR2 SPPLS: 2	1	21.08	21.10	21.05		22.05	0.0	
90	PIR2 SPPLS: 3	1	21.08	21.11	21.05		22.05	0.0	
90	PIR2 SPPLS: 126	126	20.87	21.03	20.83		22.01	0.0	
90	PIR2 SPPLS: 127	127	20.87	21.03	20.83		22.01	0.0	
90	PIR2 SPPLS: 128	128	20.87	21.03	20.83		22.01	0.0	
90	PIR2 SPPLS: 129	129	20.87	21.03	20.83		22.01	0.0	
90	PIR2 SPPLS: 130	130	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 131	131	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 132	132	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 133	133	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 134	134	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 135	135	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 136	136	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 137	137	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 138	138	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 139	139	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 140	140	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 141	141	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 142	142	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 143	143	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 144	144	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 145	145	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 146	146	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 147	147	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 148	148	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 149	149	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 150	150	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 151	151	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 152	152	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 153	153	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 154	154	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 155	155	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 156	156	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 157	157	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 158	158	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 159	159	21.05	21.09	21.02		22.06	0.0	
90	PIR2 SPPLS: 160	160	21.05	21.09	21.02		22.06	0.0	

80	PIR2 SPPLS: 1	1	21.06	21.20	21.13		22.09	0.0	
80	PIR2 SPPLS: 2	1	21.06	21.20	21.13		22.09	0.0	
80	PIR2 SPPLS: 3	1	21.06	21.21	21.13		22.09	0.0	
80	PIR2 SPPLS: 126	126	20.88	21.03	20.84		22.02	0.0	
80	PIR2 SPPLS: 127	127	20.88	21.03	20.84		22.02	0.0	
80	PIR2 SPPLS: 128	128	20.88	21.03	20.84		22.02	0.0	
80	PIR2 SPPLS: 129	129	20.88	21.03	20.84		22.02	0.0	
80	PIR2 SPPLS: 130	130	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 131	131	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 132	132	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 133	133	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 134	134	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 135	135	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 136	136	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 137	137	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 138	138	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 139	139	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 140	140	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 141	141	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 142	142	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 143	143	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 144	144	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 145	145	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 146	146	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 147	147	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 148	148	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 149	149	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 150	150	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 151	151	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 152	152	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 153	153	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 154	154	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 155	155	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 156	156	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 157	157	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 158	158	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 159	159	21.06	21.10	21.03		22.07	0.0	
80	PIR2 SPPLS: 160	160	21.06	21.10	21.03		22.07	0.0	

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Par27Q n77_Ant 4										
SRV (MHz)	Modulation	RB Size	RB Offset	Power Lm Ch.1 Power	Power Mkda Ch.1 Power	Power Tgt Ch.1 Power	Time-up Int (sec)	MPD (dB)		
Channel										
Frequency (MHz)										
100	P102 BPSK	1	1	18.30	18.30		20.0	0.0		
100	P102 BPSK	1	1	18.30	18.30		20.0	0.0		
100	P102 BPSK	1	271	18.31	18.31		20.0	0.0		
100	P102 BPSK	130	0	18.32	18.32		20.0	0.0		
100	P102 BPSK	130	130	18.32	18.32		20.0	0.0		
100	P102 BPSK	270	0	18.33	18.33		20.0	0.0		
100	QPSK	1	1	18.34	18.34		20.0	0.0		
100	QPSK	1	271	18.37	18.37		20.0	0.0		
100	QPSK	130	0	18.38	18.38		20.0	0.0		
100	QPSK	130	130	18.39	18.39		20.0	0.0		
100	QPSK	270	0	18.40	18.40		20.0	0.0		
100	QPSK	1	1	18.41	18.41		20.0	0.0		
100	QPSK	1	1	18.41	18.41		20.0	0.0		
Channel										
Frequency (MHz)										
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	18.40	18.40	18.39	20.0	0.0		
30	P102 BPSK	1	1	1						

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Par270 n77_Ant 6										
EW (MHz)	Modulation	Mod Rate	Mod Type	Ch. Freq. (MHz)	Line Freq. (MHz)	Channel Spacing (MHz)	Channel Width (MHz)	Channel High (MHz)	Power (dBm)	Waveform (type, BW)
Channel 1										
100	FSK (BPSK)	1	1	18.58	18.60	0.02	0.02	18.62	20.0	0.0
Frequency (type, BW)										
100	FSK (BPSK)	1	1	18.58	18.60	0.02	0.02	18.62	20.0	0.0
100	FSK (BPSK)	1	1	18.58	18.55	0.03	0.03	18.61	20.0	0.0
100	FSK (BPSK)	1	1	18.58	18.42	0.16	0.16	18.50	20.0	0.0
100	FSK (BPSK)	1	1	18.58	18.43	0.15	0.15	18.51	20.0	0.0
100	FSK (BPSK)	1	1	18.58	18.32	0.26	0.26	18.39	20.0	0.0
100	FSK (BPSK)	1	1	18.58	18.43	0.15	0.15	18.51	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.51	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.51	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.51	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.49	0.02	0.02	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.30	0.17	0.17	18.43	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.43	0.04	0.04	18.47	20.0	0.0
100	FSK (BPSK)	1	1	18.47	18.32	0.15	0.15	18.43	20.0	0.0
100	FSK (BPSK)									

Par27Q n77_Ant 7										
Seq (nt)	Modulator	Chase time	RE	Chase time	Yeast Ch. (%)	Yeast Time Ch. (%)	Relative Stability (fold)	Relative Age Ch. (%)	Yeast time Ch. (%)	MP (fold)
100	PRG MPRC	1	0				15.82			
100	PRG MPRC	1	20%				15.74		15.5	0.0
100	PRG MPRC	1	20%				15.74		15.5	0.0
100	PRG MPRC	126	0				15.72			
100	PRG MPRC	126	20%				15.72			
100	PRG MPRC	126	126				15.64		15.5	0.0
100	PRG MPRC	126	126				15.64		15.5	0.0
100	GRPC	1	0				15.76			
100	GRPC	1	20%				15.76		15.5	0.0
100	GRPC	1	20%				15.76		15.5	0.0
100	GRPC	126	0				15.76		15.1	0.0
100	GRPC	126	20%				15.76		15.1	0.0
100	GRPC	126	126				15.65		15.5	0.0
100	PRGRC	1	0				15.61		15.5	0.0
100	PRGRC	1	20%				15.60		15.5	0.0
100	PRGRC	1	20%				15.57		15.5	0.0
100	PRGRC	126	0				15.59		15.5	0.0
100	PRGRC	126	20%				15.59		15.5	0.0
100	PRGRC	126	126				15.56		15.5	0.0
80	PRG MPRC	1	0				15.74	15.55	15.55	MP
80	PRG MPRC	1	20%				15.74	15.55	15.55	MP
80	PRG MPRC	1	20%				15.71	15.71	15.55	MP
80	PRG MPRC	126	0				15.65	15.71	15.55	MP
80	PRG MPRC	126	20%				15.65	15.71	15.55	MP
70	PRG MPRC	1	0				15.73	15.76	15.56	MP
70	PRG MPRC	1	20%				15.73	15.76	15.56	MP
70	PRG MPRC	126	0				15.73	15.76	15.56	MP
70	PRG MPRC	126	20%				15.73	15.76	15.56	MP
70	PRG MPRC	126	126				15.73	15.76	15.56	MP
60	PRG MPRC	1	0				15.56	15.72	15.67	MP
60	PRG MPRC	1	20%				15.56	15.72	15.67	MP
60	PRG MPRC	126	0				15.56	15.72	15.67	MP
60	PRG MPRC	126	20%				15.56	15.72	15.67	MP
60	PRG MPRC	126	126				15.56	15.72	15.67	MP
50	PRG MPRC	1	0				15.58	15.73	15.68	MP
50	PRG MPRC	1	20%				15.58	15.73	15.68	MP
50	PRG MPRC	126	0				15.58	15.73	15.68	MP
50	PRG MPRC	126	20%				15.58	15.73	15.68	MP
50	PRG MPRC	126	126				15.58	15.73	15.68	MP
40	PRG MPRC	1	0				15.71	15.78	15.65	MP
40	PRG MPRC	1	20%				15.71	15.78	15.65	MP
40	PRG MPRC	126	0				15.71	15.78	15.65	MP
40	PRG MPRC	126	20%				15.71	15.78	15.65	MP
40	PRG MPRC	126	126				15.71	15.78	15.65	MP

Par270 n77_Ant 7									
Ref (MHz)	Subchannel	File Name	File Offset	File Size	File Status	Start Date	Start Time	End Date	End Time
				000000	000000				
100	PR270 BPSK (1)	1	1	14.90	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.91	15.03	14.92	10.0	0.0	
100	PR270 BPSK (1)	1	1	14.92	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.93	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.94	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.95	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.96	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.97	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.98	15.03	14.92			
100	PR270 BPSK (1)	1	1	14.99	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.00	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.01	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.02	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.03	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.04	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.05	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.06	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.07	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.08	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.09	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.10	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.11	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.12	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.13	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.14	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.15	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.16	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.17	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.18	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.19	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.20	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.21	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.22	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.23	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.24	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.25	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.26	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.27	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.28	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.29	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.30	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.31	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.32	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.33	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.34	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.35	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.36	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.37	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.38	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.39	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.40	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.41	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.42	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.43	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.44	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.45	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.46	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.47	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.48	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.49	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.50	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.51	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.52	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.53	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.54	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.55	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.56	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.57	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.58	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.59	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.60	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.61	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.62	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.63	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.64	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.65	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.66	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.67	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.68	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.69	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.70	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.71	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.72	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.73	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.74	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.75	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.76	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.77	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.78	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.79	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.80	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.81	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.82	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.83	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.84	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.85	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.86	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.87	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.88	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.89	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.90	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.91	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.92	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.93	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.94	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.95	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.96	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.97	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.98	15.03	14.92			
100	PR270 BPSK (1)	1	1	15.99	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.00	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.01	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.02	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.03	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.04	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.05	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.06	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.07	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.08	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.09	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.10	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.11	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.12	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.13	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.14	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.15	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.16	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.17	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.18	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.19	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.20	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.21	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.22	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.23	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.24	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.25	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.26	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.27	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.28	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.29	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.30	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.31	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.32	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.33	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.34	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.35	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.36	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.37	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.38	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.39	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.40	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.41	15.03	14.92			
100	PR270 BPSK (1)	1	1	16.42	15.03				

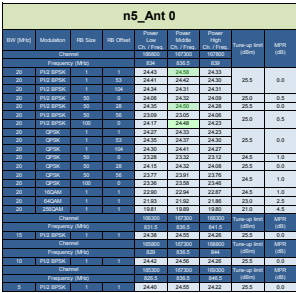
[illegible]



Part27Q n78_Ant 6 HPUE									
SW (MHz)	Modulation	RB Size	RB Offset	Power Line Cl. (dBm)	Power Margin Cl. (dBm)	Power Tgt. Cl. (dBm)	Time-up Int. (min)	MPL (dB)	
Channel									
Frequency (MHz)									
100	PSS BPSK	1	1	15.34			20.5	0.0	
100	PSS BPSK	1	107	15.35					
100	PSS BPSK	1	271	15.45					
100	PSS BPSK	106	0	15.41			20.5	0.0	
100	PSS BPSK	106	86	15.45			20.5	0.0	
100	PSS BPSK	106	106	15.34					
100	PSS BPSK	270	0	15.42			20.5	0.0	
100	CPFSK	1	1	15.34					
100	CPFSK	1	107	15.35			20.5	0.0	
100	CPFSK	1	271	15.45					
100	CPFSK	106	0	15.41					
100	CPFSK	106	86	15.45			20.5	0.0	
100	CPFSK	106	106	15.35					
100	CPFSK	270	0	15.48			20.5	0.0	
100	CPFSK	106	106	15.35					
100	CPFSK	270	0	15.48			20.5	0.0	
100	HSK4M	1	1	15.53			20.5	0.0	
100	HSK4M	1	1	15.53			20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.27	15.32	15.43	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.30	15.34	15.39	20.5	0.0	
Channel									
Frequency (MHz)									
70	PSS BPSK	1	1	15.46	15.37	15.35	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.28	15.43	15.29	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.37	15.43	15.43	20.5	0.0	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.26	15.35	15.40	20.5	0.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	15.38	15.40	15.38	20.5	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	15.31	15.42	15.41	20.5	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	15.40	15.41	15.38	20.5	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	15.42	15.43	15.34	20.5	0.0	

Part27O n78_Ant 6 HPUE									
SW (MHz)	Modulation	RB Size	RB Offset	Power Line Cl. (dBm)	Power Margin Cl. (dBm)	Power Tgt. Cl. (dBm)	Time-up Int. (min)	MPL (dB)	
Channel									
Frequency (MHz)									
100	PSS BPSK	1	1	15.25			20.5	0.0	
100	PSS BPSK	1	107	15.36					
100	PSS BPSK	1	271	15.47					
100	PSS BPSK	106	0	15.33			20.5	0.0	
100	PSS BPSK	106	86	15.37			20.5	0.0	
100	PSS BPSK	106	106	15.25					
100	PSS BPSK	270	0	15.39			20.5	0.0	
100	CPFSK	1	1	15.27					
100	CPFSK	1	107	15.48			20.5	0.0	
100	CPFSK	1	271	15.49					
100	CPFSK	106	0	15.48					
100	CPFSK	106	86	15.38			20.5	0.0	
100	CPFSK	106	106	15.25					
100	CPFSK	270	0	15.32			20.5	0.0	
100	CPFSK	106	106	15.35					
100	CPFSK	270	0	15.32			20.5	0.0	
100	HSK4M	1	1	15.43			20.5	0.0	
100	HSK4M	1	1	15.43			20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.20	15.48	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.23	15.47	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
70	PSS BPSK	1	1	15.42	15.34	15.42	20.5	0.0	
Channel									
Frequency (MHz)									
70	PSS BPSK	1	1	15.45	15.35	15.41	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.43	15.47	15.47	20.5	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.40	15.39	15.41	20.5	0.0	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.44	15.47	15.38	20.5	0.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	15.44	15.35	15.40	20.5	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	15.46	15.32	15.40	20.5	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	15.52	15.47	15.49	20.5	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	15.42	15.39	15.43	20.5	0.0	

Part27Q n78_Ant 7 HPUE									
SW (MHz)	Modulation	RB Size	RB Offset	Power Line Cl. (dBm)	Power Margin Cl. (dBm)	Power Tgt. Cl. (dBm)	Time-up Int. (min)	MPL (dB)	
Channel									
Frequency (MHz)									
100	PSS BPSK	1	1	15.40			18.0	0.0	
100	PSS BPSK	1	107	15.35					
100	PSS BPSK	1	271	15.43					
100	PSS BPSK	106	0	15.33			18.0	0.0	
100	PSS BPSK	106	86	15.36			18.0	0.0	
100	PSS BPSK	106	106	15.40					
100	PSS BPSK	270	0	15.41			18.0	0.0	
100	CPFSK	1	1	15.37					
100	CPFSK	1	107	15.38			18.0	0.0	
100	CPFSK	1	271	15.48					
100	CPFSK	106	0	15.46					
100	CPFSK	106	86	15.32			18.0	0.0	
100	CPFSK	106	106	15.37					
100	CPFSK	270	0	15.31			18.0	0.0	
100	CPFSK	106	106	15.37					
100	CPFSK	270	0	15.31			18.0	0.0	
100	HSK4M	1	1	15.42			18.0	0.0	
100	HSK4M	1	1	15.42			18.0	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.46	15.46	15.50	18.0	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.43	15.34	15.43	18.0	0.0	
Channel									
Frequency (MHz)									
70	PSS BPSK	1	1	15.43	15.34	15.46	18.0	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.44	15.35	15.42	18.0	0.0	
Channel									
Frequency (MHz)									
80	PSS BPSK	1	1	15.41	15.39	15.41	18.0	0.0	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.44	15.47	15.39	18.0	0.0	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.43	15.34	15.41	18.0	0.0	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	15.48	15.31	15.41	18.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	15.40	15.40	15.46	18.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	15.46	15.33	15.44	18.0	0.0	



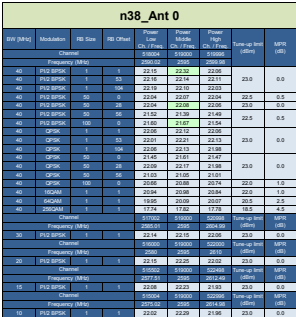
n5_Ant 1									
Run (MHz)	Modulation	PRF (Hz)	PRF Chel	Chemical Shift (ppm)	1H NMR (ppm)	13C NMR (ppm)	Chemical Shift (ppm)	Temperature (°C)	APHS (ppm)
Chemical				100.000	100.000	100.000	100.000		
1	[P] 0.00000	1	1	24.53	24.71	24.48		25.0	0.0
2	[P] 0.00000	1	1	24.53	24.71	24.48		25.0	0.0
3	[P] 0.00000	1	1	24.53	24.71	24.48		25.0	0.0
4	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
5	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
6	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
7	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
8	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
9	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
10	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
11	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
12	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
13	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
14	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
15	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
16	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
17	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
18	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
19	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
20	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
21	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
22	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
23	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
24	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
25	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
26	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
27	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
28	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
29	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
30	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
31	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
32	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
33	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
34	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
35	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
36	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
37	[P] 0.00000	5	24	24.53	24.71	24.48		25.0	0.0
38	[P] 0.00000	5	24	24.53	24.71				

[illegible][illegible]

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RF (MHz)	Modulation	FE Size	FE Offset	Low Noise Amplifier	Channel Number	Channel Bandwidth	Power Spectral Density	Waveform	MSP (dB)
-60	FDZ BPSK	1	0	24.31	125.33	24.35			
-50	FDZ BPSK	1	0	24.31	125.33	24.35		25.1	0
-40	FDZ BPSK	1	214	24.12	124.24	24.14			
-30	FDZ BPSK	1	0	24.31	125.33	24.35		25.0	0.5
-20	FDZ BPSK	108	96	24.15	125.27	24.15		25.0	0.0
-10	FDZ BPSK	108	96	24.15	125.27	24.15		25.0	0.4
0	FDZ BPSK	210	0	24.15	125.21	24.11			
10	FDZ BPSK	108	96	24.15	125.27	24.15		25.1	0
20	FDZ BPSK	1	0	24.31	125.33	24.35			
30	FDZ BPSK	1	0	24.31	125.33	24.35		24.4	1.0
40	FDZ BPSK	1	214	24.12	124.24	24.14			
50	FDZ BPSK	1	0	24.31	125.33	24.35		24.5	1.0
60	FDZ BPSK	108	96	24.15	125.27	24.15		24.4	1.0
70	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
80	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
90	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
100	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
110	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
120	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
130	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
140	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
150	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
160	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
170	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
180	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
190	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
200	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
210	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
220	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
230	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
240	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
250	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
260	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
270	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
280	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
290	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
300	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
310	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
320	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
330	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
340	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
350	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
360	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
370	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
380	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
390	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
400	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
410	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
420	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
430	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
440	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
450	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
460	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
470	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
480	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
490	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
500	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
510	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
520	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
530	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
540	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
550	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
560	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
570	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
580	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
590	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
600	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
610	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
620	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
630	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
640	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
650	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
660	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
670	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
680	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
690	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
700	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
710	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
720	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
730	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
740	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
750	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
760	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
770	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
780	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
790	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
800	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
810	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
820	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
830	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
840	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
850	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
860	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
870	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
880	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
890	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
900	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
910	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
920	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
930	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
940	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
950	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
960	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
970	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
980	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
990	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1000	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1010	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1020	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1030	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1040	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1050	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1060	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1070	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1080	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1090	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1100	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1110	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1120	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1130	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1140	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1150	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1160	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1170	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1180	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1190	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1200	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1210	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1220	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1230	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1240	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1250	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1260	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1270	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1280	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1290	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1300	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1310	FDZ BPSK	108	96	24.15	125.27	24.15		24.5	1.0
1320	FDZ BPSK	108	96	24.15	125.27</				

n7_Ant 3									
RFN	Frequency	RFN Size	RFN Offset	RFN Type	Initial RFN Value	Initial RFN Delta	Initial RFN Sign	RFN Max	RFN Min
0	Frequency (MHz)	1	0	0	24.78	-0.00	0	24.78	24.78
1	Frequency (MHz)	1	0	0	24.79	-0.00	0	24.79	24.79
2	Frequency (MHz)	1	216	0	24.68	-0.00	0	24.67	24.67
3	Frequency (MHz)	1	0	0	24.78	-0.00	0	24.78	24.78
4	Frequency (MHz)	16	54	0	24.61	-0.00	0	24.57	24.57
5	Frequency (MHz)	16	0	0	24.78	-0.00	0	24.78	24.78
6	Frequency (MHz)	216	0	0	24.16	-0.22	0	24.20	24.17
7	Frequency (MHz)	16	0	0	24.78	-0.00	0	24.78	24.78
8	RFN	1	168	0	24.58	-0.00	0	24.57	24.57
9	RFN	1	0	0	24.77	-0.00	0	24.77	24.77
10	RFN	1	0	0	23.60	-0.00	0	23.60	24.13
11	RFN	1	0	0	24.78	-0.00	0	24.78	24.78
12	RFN	168	168	0	23.72	-0.01	0	23.72	24.21
13	RFN	168	0	0	24.78	-0.00	0	24.78	24.78
14	RFN	1	0	0	24.01	-0.18	0	24.02	24.02
15	RFN	1	0	0	24.78	-0.00	0	24.78	24.78
16	RFN	1	0	0	20.16	-0.07	0	20.28	20.17
17	Frequency (MHz)	1	0	0	24.78	-0.00	0	24.78	24.78
18	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
19	Frequency (MHz)	1	0	0	24.60	-0.00	0	24.60	24.60
20	RFN	168	168	0	24.68	-0.00	0	24.68	24.68
21	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
22	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
23	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
24	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
25	Frequency (MHz)	1	0	0	24.61	-0.00	0	24.61	24.61
26	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
27	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
28	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
29	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
30	Frequency (MHz)	1	0	0	24.56	-0.00	0	24.56	24.56
31	RFN	168	168	0	24.64	-0.07	0	24.60	24.62

[illegible]



n38_Ant 1									
Seq ID#	ModelName	Ref Seq	Ref Chant	Seq Type	Start Pos	End Pos	Prctg	Prctg Gap	Prctg Del
Channel									
				518645	518650	518661			
601	PR183BPT2	T	1	23.78	23.83	23.85			
602	PR183BPT2	T	2	23.78	23.83	23.85	24.0	0.0	
603	PR183BPT2	T	3	23.78	23.83	23.85			
604	PR183BPT2	T	4	23.81	23.83	23.84	23.8	0.0	
605	PR183BPT2	T	5	23.81	23.83	23.84	23.8	0.0	
606	PR183BPT2	T	6	23.83	23.82	23.84	23.5	0.5	
607	PR183BPT2	T	7	23.83	23.82	23.84	23.5	0.5	
608	PR183BPT2	T	8	23.83	23.82	23.84	23.5	0.5	
609	PR183BPT2	T	9	23.83	23.82	23.84	23.5	0.5	
610	PR183BPT2	T	10	23.83	23.82	23.84	23.5	0.5	
611	PR183BPT2	T	11	23.87	23.87	23.84			
612	PR183BPT2	T	12	23.87	23.87	23.84			
613	PR183BPT2	T	13	23.87	23.87	23.84			
614	PR183BPT2	T	14	23.87	23.87	23.84			
615	PR183BPT2	T	15	23.87	23.87	23.84			
616	PR183BPT2	T	16	23.87	23.87	23.84			
617	PR183BPT2	T	17	23.87	23.87	23.84			
618	PR183BPT2	T	18	23.87	23.87	23.84			
619	PR183BPT2	T	19	23.87	23.87	23.84			
620	PR183BPT2	T	20	23.87	23.87	23.84			
621	PR183BPT2	T	21	23.87	23.87	23.84			
622	PR183BPT2	T	22	23.87	23.87	23.84			
623	PR183BPT2	T	23	23.87	23.87	23.84			
624	PR183BPT2	T	24	23.87	23.87	23.84			
625	PR183BPT2	T	25	23.79	23.79	23.81	24.0	0.0	
626	PR183BPT2	T	26	23.79	23.79	23.81	24.0	0.0	
627	PR183BPT2	T	27	23.79	23.79	23.81	24.0	0.0	
628	PR183BPT2	T	28	23.79	23.79	23.81	24.0	0.0	
629	PR183BPT2	T	29	23.79	23.79	23.81	24.0	0.0	
630	PR183BPT2	T	30	23.79	23.79	23.81	24.0	0.0	
631	PR183BPT2	T	31	23.79	23.79	23.81	24.0	0.0	
632	PR183BPT2	T	32	23.79	23.79	23.81	24.0	0.0	
633	PR183BPT2	T	33	23.79	23.79	23.81	24.0	0.0	
634	PR183BPT2	T	34	23.79	23.79	23.81	24.0	0.0	
635	PR183BPT2	T	35	23.79	23.79	23.81	24.0	0.0	
636	PR183BPT2	T	36	23.79	23.79	23.81	24.0	0.0	
637	PR183BPT2	T	37	23.79	23.79	23.81	24.0	0.0	
638	PR183BPT2	T	38	23.79	23.79	23.81	24.0	0.0	
639	PR183BPT2	T	39	23.79	23.79	23.81	24.0	0.0	
640	PR183BPT2	T	40	23.79	23.79	23.81	24.0	0.0	
641	PR183B								

n38_Ant 2									
Seq ID#	ModelName	Ref Seq	Ref Desc	Time 19844	Time 19850	Time 19856	Time 19862	Time 19868	Time 19874
Seq ID#	ModelName	Ref Seq	Ref Desc	Time 19844	Time 19850	Time 19856	Time 19862	Time 19868	Time 19874
40	Final BSMF	1	1	2444	2457	2471			
40	Final BSMF	2	2	2444	2457	2471		25.0	0.0
40	Final BSMF	3	3	2444	2457	2471			
40	Final BSMF	4	4	2437	2436	2437			0.0
40	Final BSMF	5	5	2437	2436	2437			0.0
40	Final BSMF	6	6	2433	2433	2432			0.0
40	Final BSMF	7	7	2433	2433	2432		24.5	0.0
40	Final BSMF	8	8	2433	2433	2432			0.0
40	Final BSMF	9	9	2444	2434	2435			0.0
40	Final BSMF	10	10	2444	2434	2435			0.0
40	Final BSMF	11	11	2444	2434	2435			0.0
40	Final BSMF	12	12	2444	2434	2435			0.0
40	Final BSMF	13	13	2444	2434	2435			0.0
40	Final BSMF	14	14	2444	2434	2435			0.0
40	Final BSMF	15	15	2444	2434	2435			0.0
40	Final BSMF	16	16	2444	2434	2435			0.0
40	Final BSMF	17	17	2444	2434	2435			0.0
40	Final BSMF	18	18	2444	2434	2435			0.0
40	Final BSMF	19	19	2444	2434	2435			0.0
40	Final BSMF	20	20	2444	2434	2435			0.0
40	Final BSMF	21	21	2444	2434	2435			0.0
40	Final BSMF	22	22	2444	2434	2435			0.0
40	Final BSMF	23	23	2444	2434	2435			0.0
40	Final BSMF	24	24	2444	2434	2435			0.0
40	Final BSMF	25	25	2444	2434	2435			0.0
40	Final BSMF	26	26	2444	2434	2435			0.0
40	Final BSMF	27	27	2444	2434	2435			0.0
40	Final BSMF	28	28	2444	2434	2435			0.0
40	Final BSMF	29	29	2444	2434	2435			0.0
40	Final BSMF	30	30	2444	2434	2435			0.0
40	Final BSMF	31	31	2444	2434	2435			0.0
40	Final BSMF	32	32	2444	2434	2435			0.0
40	Final BSMF	33	33	2444	2434	2435			0.0
40	Final BSMF	34	34	2444	2434	2435			0.0
40	Final BSMF	35	35	2444	2434	2435			0.0
40	Final BSMF	36	36	2444	2434	2435			0.0
40	Final BSMF	37	37	2444	2434	2435			0.0
40	Final BSMF	38	38	2444	2434	2435			0.0
40	Final BSMF	39	39	2444	2434	2435			0.0
40	Final BSMF	40	40	2444	2434	2435			0.0
40	Final BSMF	41	41	2444	2434	2435			0.0
40	Final BSMF	42	42	2444	2434	2435			0.0
40	Final BSMF	43	43	2444	2434	2435			0.0
40	Final BSMF	44	44	2444	2434	2435			0.0
40	Final BSMF	45	45	2444	2434	2435			0.0
40	Final BSMF	46	46	2444	2434	2435			0.0
40	Final BSMF	47	47	2444	2434	2435			0.0
40	Final BSMF	48	48	2444	2434	2435			0.0
40	Final BSMF	49	49	2444	2434	2435			0.0
40	Final BSMF	50	50	2444	2434	2435			0.0
40	Final BSMF	51	51	2444	2434	2435			0.0
40	Final BSMF	52	52	2444	2434	2435			0.0
40	Final BSMF	53	53	2444	2434	2435			0.0
40	Final BSMF	54	54	2444	2434	2435			0.0
40	Final BSMF	55	55	2444	2434	2435			0.0
40	Final BSMF	56	56	2444	2434	2435			0.0
40	Final BSMF	57	57	2444	2434	2435			0.0
40	Final BSMF	58	58	2444	2434	2435			0.0
40	Final BSMF	59	59	2444	2434	2435			0.0
40	Final BSMF	60	60	2444	2434	2435			0.0
40	Final BSMF	61	61	2444	2434	2435			0.0
40	Final BSMF	62	62	2444	2434	2435			0.0
40	Final BSMF	63	63	2444	2434	2435			0.0
40	Final BSMF	64	64	2444	2434	2435			0.0
40	Final BSMF	65	65	2444	2434	2435			0.0
40	Final BSMF	66	66	2444	2434	2435			0.0
40	Final BSMF	67	67	2444	2434	2435			0.0
40	Final BSMF	68	68	2444	2434	2435			0.0
40	Final BSMF	69	69	2444	2434	2435			0.0
40	Final BSMF	70	70	2444	2434	2435			0.0
40	Final BSMF	71	71	2444	2434	2435			0.0
40	Final BSMF	72	72	2444	2434	2435			0.0
40	Final BSMF	73	73	2444	2434	2435			0.0
40	Final BSMF	74	74	2444	2434	2435			0.0
40	Final BSMF	75	75	2444	2434	2435			0.0
40	Final BSMF	76	76	2444	2434	2435			0.0
40	Final BSMF	77	77	2444	2434	2435			0.0
40	Final BSMF	78	78	2444	2434	2435			0.0
40	Final BSMF	79	79	2444	2434	2435			0.0
40	Final BSMF	80	80	2444	2434	2435			0.0
40	Final BSMF	81	81	2444	2434	2435			0.0
40	Final BSMF	82	82	2444	2434	2435			0.0
40	Final BSMF	83	83	2444	2434	2435			0.0
40	Final BSMF	84	84	2444	2434	2435			0.0
40	Final BSMF	85	85	2444	2434	2435			0.0
40	Final BSMF	86	86	2444	2434	2435			0.0
40	Final BSMF	87	87	2444	2434	2435			0.0
40	Final BSMF	88	88	2444	2434	2435			0.0
40	Final BSMF	89	89	2444	2434	2435			0.0
40	Final BSMF	90	90	2444	2434	2435			0.0
40	Final BSMF	91	91	2444	2434	2435			0.0
40	Final BSMF	92	92	2444	2434	2435			0.0
40	Final BSMF	93	93	2444	2434	2435			0.0
40	Final BSMF	94	94	2444	2434	2435			0.0
40	Final BSMF	95	95	2444	2434	2435			0.0
40	Final BSMF	96	96	2444	2434	2435			0.0
40	Final BSMF	97	97	2444	2434	2435			0.0
40	Final BSMF	98	98	2444	2434	2435			0.0
40	Final BSMF	99	99	2444	2434	2435			0.0
40	Final BSMF	100	100	2444	2434	2435			0.0
40	Final BSMF	101	101	2444	2434	2435			0.0
40	Final BSMF	102	102	2444	2434	2435			0.0
40	Final BSMF	103	103	2444	2434	2435			0.0
40	Final BSMF	104	104	2444	2434	2435			0.0
40	Final BSMF	105	105	2444	2434	2435			0.0
40	Final BSMF	106	106	2444	2434	2435			0.0
40	Final BSMF	107	107	2444	2434	2435			0.0
40	Final BSMF	108	108	2444	2434	2435			0.0
40	Final BSMF	109	109	2444	2434	2435			0.0
40	Final BSMF	110	110	2444	2434	2435			0.0
40	Final BSMF	111	111	2444	2434	2435			0.0
40	Final BSMF	112	112	2444	2434	2435			0.0
40	Final BSMF	113	113	2444	2434	2435			0.0
40	Final BSMF	114	114	2444	2434	2435			0.0
40	Final BSMF	115	115	2444	2434	2435			0.0
40	Final BSMF	116	116	2444	2434	2435			0.0
40	Final BSMF	117	117	2444	2434	2435			0.0
40	Final BSMF	118	118	2444	2434	2435			0.0
40	Final BSMF	119	119	2444	2434	2435			0.0
40	Final BSMF	120	120	2444	2434	2435			0.0
40	Final BSMF	121	121	2444	2434	2435			0.0
40	Final BSMF	122	122	2444	2434	2435			0.0
40	Final BSMF	123	123	2444	2434	2435			0.0
40	Final BSMF	124	124	2444	2434	2435			0.0
40	Final BSMF	125	125	2444	2434	2435			0.0
40	Final BSMF	126	126	2444	2434	2435			0.0
40	Final BSMF	127	127	2444	2434	2435			0.0
40	Final BSMF	128	128	2444	2434	2435			0.0
40	Final BSMF	129	129	2444	2434	2435			0.0
40	Final BSMF	130	130	2444	2434	2435			0.0
40	Final BSMF	131	131	2444	2434	2435			0.0
40	Final BSMF	132	132	2444	2434	2435			0.0
40	Final BSMF	133	133	2444	2434	2435			0.0
40	Final BSMF	134	134	2444	2434	2435			0.0
40	Final BSMF	135	135	2444	2434	2435			0.0
40	Final BSMF	136	136	2444	2434	2435			0.0
40	Final BSMF	137	137	2444	2434	2435			0.0
40	Final BSMF	138	138	2444	2434	2435			0.0
40	Final BSMF	139	139	2444	2434	2435			0.0
40	Final BSMF	140	140	2444	2434	2435			0.0
40	Final BSMF	141	141	2444	2434	2435			0.0
40	Final BSMF	142	142	2444	2434	2435			0.0
40	Final BSMF	143	143	2444	2434	2435			0.0
40	Final BSMF	144	144	2444	2434	2435			0.0
40	Final BSMF	145	145	2444	2434	2435			0.0
40	Final BSMF	146	146	2444	2434	2435			0.0
40	Final BSMF	147	147	2444	2434	2435			0.0
40	Final BSMF	148	148	2444	2434	2435			0.0
40	Final BSMF	149	149	2444	2434	2435			0.0
40	Final BSMF	150	150	2444	2434	2435			0.0
40	Final BSMF	151	151	2444	2434	2435			0.0
40	Final BSMF	152	152	2444	2434	2435			0.0
40	Final BSMF	153	153	2444	2434	2435			0.0
40	Final BSMF	154	154	2444	2434	2435			0.0
40	Final BSMF	155	155	2444	2434	2435			0.0
40	Final BSMF	156	156	2444	2434	2435			0.0
40	Final BSMF	157	15						

n38_Ant 3									
Site (MHz)	Modulation	RF Band	RF Channel	Frequency (MHz)	Power (dBm)	Power Spectral Density (dBm/Hz)	Power Spectral Density (dBm/Hz)	Time up link (min)	MFR (dB)
Channel									
-40	F3D BPSK	UPL	1	24.58	24.45	24.45	24.45		
-40	F3D BPSK	UPL	2	24.58	24.45	24.45	24.45	25.1	0.0
-40	F3D BPSK	UPL	3	24.58	24.45	24.45	24.45		
-40	F3D BPSK	UPL	4	24.58	24.45	24.45	24.45		0.0
-40	F3D BPSK	UPL	5	24.58	24.45	24.45	24.45		0.0
-40	F3D BPSK	UPL	6	24.58	24.45	24.45	24.45		0.0
-40	F3D BPSK	UPL	7	24.58	24.45	24.45	24.45	25.0	0.0
-40	F3D BPSK	UPL	8	24.58	24.45	24.45	24.45		
-40	QPSK	UPL	1	24.48	24.35	24.35	24.35		
-40	QPSK	UPL	2	24.48	24.35	24.35	24.35	25.0	0.0
-40	QPSK	UPL	3	24.48	24.35	24.35	24.35		
-40	QPSK	UPL	4	24.48	24.35	24.35	24.35		
-40	QPSK	UPL	5	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	6	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	7	24.48	24.35	24.35	24.35	25.1	0.0
-40	QPSK	UPL	8	24.48	24.35	24.35	24.35		
-40	QPSK	UPL	9	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	10	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	11	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	12	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	13	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	14	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	15	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	16	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	17	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	18	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	19	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	20	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	21	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	22	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	23	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	24	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	25	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	26	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	27	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	28	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	29	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	30	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	31	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	32	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	33	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	34	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	35	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	36	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	37	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	38	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	39	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	40	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	41	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	42	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	43	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	44	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	45	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	46	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	47	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	48	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	49	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	50	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	51	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	52	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	53	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	54	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	55	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	56	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	57	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	58	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	59	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	60	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	61	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	62	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	63	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	64	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	65	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	66	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	67	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	68	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	69	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	70	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	71	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	72	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	73	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	74	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	75	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	76	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	77	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	78	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	79	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	80	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	81	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	82	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	83	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	84	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	85	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	86	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	87	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	88	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	89	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	90	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	91	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	92	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	93	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	94	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	95	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	96	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	97	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	98	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	99	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	100	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	101	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	102	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	103	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	104	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	105	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	106	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	107	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	108	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	109	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	110	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	111	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	112	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	113	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	114	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	115	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	116	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	117	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	118	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	119	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	120	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	121	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	122	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	123	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	124	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	125	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	126	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	127	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	128	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	129	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	130	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	131	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	132	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	133	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	134	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	135	24.48	24.35	24.35	24.35		0.0
-40	QPSK	UPL	136	24.48	24.35	24.35	24.35</		

n41_Ant 0									
RF (MHz)	Modulation	RF Size	RF Offset	Time to Acquire (s)	Time to Transmit (s)	Time to Receive (s)	Time to Post-Proc (s)	Time to Save and Load (s)	RF Error (dB)
100	PSK 16QAM	1	0	21.86	22.08	21.85		23.0	0.0
100	PSK 16QAM	1	1	21.86	22.08	21.85		23.0	0.0
100	PSK 16QAM	1	201	21.87	22.07	21.85		23.0	0.0
100	PSK 16QAM	1	202	21.87	22.07	21.85		23.0	0.0
100	PSK 16QAM	1	203	21.87	22.07	21.85		23.0	0.0
100	PSK 16QAM	256	0	21.82	22.01	21.73		23.0	0.0
100	PSK 16QAM	256	1	21.82	22.01	21.73		23.0	0.0
100	QPSK	1	0	21.82	22.01	21.74		23.0	0.0
100	QPSK	1	1	21.82	22.01	21.74		23.0	0.0
100	QPSK	1	201	21.83	22.04	21.73		23.0	0.0
100	QPSK	1	202	21.83	22.04	21.73		23.0	0.0
100	QPSK	1	203	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	0	21.82	22.01	21.73		23.0	0.0
100	QPSK	256	1	21.82	22.01	21.73		23.0	0.0
100	QPSK	256	201	21.83	22.04	21.73		23.0	0.0
100	QPSK	256	202	21.83	22.04	21.73		23.0	0.0
100	QPSK	256	203	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	204	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	205	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	206	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	207	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	208	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	209	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	210	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	211	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	212	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	213	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	214	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	215	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	216	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	217	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	218	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	219	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	220	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	221	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	222	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	223	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	224	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	225	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	226	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	227	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	228	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	229	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	230	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	231	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	232	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	233	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	234	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	235	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	236	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	237	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	238	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	239	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	240	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	241	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	242	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	243	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	244	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	245	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	246	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	247	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	248	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	249	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	250	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	251	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	252	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	253	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	254	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	255	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	256	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	257	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	258	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	259	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	260	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	261	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	262	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	263	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	264	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	265	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	266	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	267	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	268	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	269	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	270	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	271	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	272	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	273	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	274	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	275	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	276	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	277	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	278	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	279	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	280	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	281	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	282	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	283	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	284	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	285	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	286	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	287	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	288	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	289	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	290	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	291	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	292	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	293	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	294	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	295	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	296	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	297	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	298	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	299	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	300	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	301	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	302	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	303	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	304	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	305	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	306	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	307	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	308	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	309	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	310	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	311	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	312	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	313	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	314	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	315	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	316	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	317	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	318	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	319	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	320	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	321	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	322	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	323	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	324	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	325	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	326	21.87	22.03	21.88		23.0	0.0
100	QPSK	256	327	21.87	22.03	21.8			

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n41_Ant 2									
Site (label)	Manufacturer	FE Site	FE Offset	FE Type	FE Tx Power (mW)	FE Tx Channel	FE Tx Power (mW)	FE Tx Power (mW)	FE Tx Power (mW)
100	FE00	FE00	0	FE00	24.11	24.20	24.13		
100	FE00	FE00	1	FE00	24.11	24.20	24.13	20.0	0.0
100	FE00	FE00	2	FE00	24.11	24.20	24.13		
100	FE00	FE00	3	FE00	24.11	24.20	24.13		
100	FE00	FE00	4	FE00	24.11	24.20	24.13		
100	FE00	FE00	5	FE00	24.11	24.20	24.13		
100	FE00	FE00	6	FE00	24.11	24.20	24.13		
100	FE00	FE00	7	FE00	24.11	24.20	24.13		
100	FE00	FE00	8	FE00	24.11	24.20	24.13		
100	FE00	FE00	9	FE00	24.11	24.20	24.13		
100	FE00	FE00	10	FE00	24.11	24.20	24.13		
100	FE00	FE00	11	FE00	24.11	24.20	24.13		
100	FE00	FE00	12	FE00	24.11	24.20	24.13		
100	FE00	FE00	13	FE00	24.11	24.20	24.13		
100	FE00	FE00	14	FE00	24.11	24.20	24.13		
100	FE00	FE00	15	FE00	24.11	24.20	24.13		
100	FE00	FE00	16	FE00	24.11	24.20	24.13		
100	FE00	FE00	17	FE00	24.11	24.20	24.13		
100	FE00	FE00	18	FE00	24.11	24.20	24.13		
100	FE00	FE00	19	FE00	24.11	24.20	24.13		
100	FE00	FE00	20	FE00	24.11	24.20	24.13		
100	FE00	FE00	21	FE00	24.11	24.20	24.13		
100	FE00	FE00	22	FE00	24.11	24.20	24.13		
100	FE00	FE00	23	FE00	24.11	24.20	24.13		
100	FE00	FE00	24	FE00	24.11	24.20	24.13		
100	FE00	FE00	25	FE00	24.11	24.20	24.13		
100	FE00	FE00	26	FE00	24.11	24.20	24.13		
100	FE00	FE00	27	FE00	24.11	24.20	24.13		
100	FE00	FE00	28	FE00	24.11	24.20	24.13		
100	FE00	FE00	29	FE00	24.11	24.20	24.13		
100	FE00	FE00	30	FE00	24.11	24.20	24.13		
100	FE00	FE00	31	FE00	24.11	24.20	24.13		
100	FE00	FE00	32	FE00	24.11	24.20	24.13		
100	FE00	FE00	33	FE00	24.11	24.20	24.13		
100	FE00	FE00	34	FE00	24.11	24.20	24.13		
100	FE00	FE00	35	FE00	24.11	24.20	24.13		
100	FE00	FE00	36	FE00	24.11	24.20	24.13		
100	FE00	FE00	37	FE00	24.11	24.20	24.13		
100	FE00	FE00	38	FE00	24.11	24.20	24.13		
100	FE00	FE00	39	FE00	24.11	24.20	24.13		
100	FE00	FE00	40	FE00	24.11	24.20	24.13		
100	FE00	FE00	41	FE00	24.11	24.20	24.13		

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RF (MHz)	Modulation	Rate (kbps)	RF Chant	Channel Number	Frequency Range (MHz)	Channel Bandwidth (MHz)	Channel Power (dBm)	Power per carrier (dBm)	MFR (dBm)
Channel									
180	PIPS (BPSK)	1	1	24-45	24.54	24.21			
180	PIPS (BPSK)	1	1	24-45	24.54	24.21	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.5	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.5	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			
180	PIPS (BPSK)	1	235	18-25	24.25	24.54	25.0	0.0	
180	PIPS (BPSK)	1	235	18-25	24.25	24.54			

Par27Q n77_Ant 4									
SR (MHz)	Modulation	RB Size	RB Offset	Power Lm Ch 1 Power	Power Mm Ch 1 Power	Power Tm Ch 1 Power	Time-up time (sec)	MPD (dB)	
Channel									
Frequency (MHz)									
100	PSS-SSB	1	1	24.30					
100	PSS-SSB	1	137	24.30			25.5	0.0	
100	PSS-SSB	1	271	24.30					
100	PSS-SSB	150	0	24.30			25.0	0.0	
100	PSS-SSB	150	80	24.30			25.5	0.0	
100	PSS-SSB	150	150	24.30					
100	PSS-SSB	270	0	24.30			25.5	0.0	
100	CPSS	1	1	24.30					
100	CPSS	1	137	24.30			25.5	0.0	
100	CPSS	1	271	24.30					
100	CPSS	150	0	24.30					
100	CPSS	150	80	24.30			25.5	0.0	
100	CPSS	150	150	24.30					
100	CPSS	270	0	24.30			24.5	1.0	
100	SSB-SSB	1	1	24.30			24.5	1.0	
100	SSB-SSB	1	1	24.30			25.0	2.0	
100	SSB-SSB	1	1	24.30			25.5	0.0	
Channel									
Frequency (MHz)									
30	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
60	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
70	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
80	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
90	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
100	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
110	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
120	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
130	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
140	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
150	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
160	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
170	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
180	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
190	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
200	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
210	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
220	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
230	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
240	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
250	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
260	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
270	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
280	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
290	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
300	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
310	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
320	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
330	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
340	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
350	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
360	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
370	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
380	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
390	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
400	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
410	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
420	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
430	PSS-SSB	1	1	24.30	24.30	24.30	25.5	0.0	
Channel									
Frequency (MHz)									

[illegible]

Par27Q n77_Ant 6										
Seq ID	Substrate	Chemical	Seq ID	Chemical	Seq ID	Chemical	Seq ID	Chemical	Seq ID	Chemical
100	Pro-BMP4	126	126	126	126	126	126	126	126	126
101	Pro-BMP4	126	126	126	126	126	126	126	126	126
102	Pro-BMP4	126	126	126	126	126	126	126	126	126
103	Pro-BMP4	126	126	126	126	126	126	126	126	126
104	Pro-BMP4	126	126	126	126	126	126	126	126	126
105	Pro-BMP4	126	126	126	126	126	126	126	126	126
106	Pro-BMP4	126	126	126	126	126	126	126	126	126
107	Pro-BMP4	126	126	126	126	126	126	126	126	126
108	Pro-BMP4	126	126	126	126	126	126	126	126	126
109	Pro-BMP4	126	126	126	126	126	126	126	126	126
110	Pro-BMP4	126	126	126	126	126	126	126	126	126
111	Pro-BMP4	126	126	126	126	126	126	126	126	126
112	Pro-BMP4	126	126	126	126	126	126	126	126	126
113	Pro-BMP4	126	126	126	126	126	126	126	126	126
114	Pro-BMP4	126	126	126	126	126	126	126	126	126
115	Pro-BMP4	126	126	126	126	126	126	126	126	126
116	Pro-BMP4	126	126	126	126	126	126	126	126	126
117	Pro-BMP4	126	126	126	126	126	126	126	126	126
118	Pro-BMP4	126	126	126	126	126	126	126	126	126
119	Pro-BMP4	126	126	126	126	126	126	126	126	126
120	Pro-BMP4	126	126	126	126	126	126	126	126	126
121	Pro-BMP4	126	126	126	126	126	126	126	126	126
122	Pro-BMP4	126	126	126	126	126	126	126	126	126
123	Pro-BMP4	126	126	126	126	126	126	126	126	126
124	Pro-BMP4	126	126	126	126	126	126	126	126	126
125	Pro-BMP4	126	126	126	126	126	126	126	126	126
126	Pro-BMP4	126	126	126	126	126	126	126	126	126
127	Pro-BMP4	126	126	126	126	126	126	126	126	126
128	Pro-BMP4	126	126	126	126	126	126	126	126	126
129	Pro-BMP4	126	126	126	126	126	126	126	126	126
130	Pro-BMP4	126	126	126	126	126	126	126	126	126
131	Pro-BMP4	126	126	126	126	126	126	126	126	126
132	Pro-BMP4	126	126	126	126	126	126	126	126	126
133	Pro-BMP4	126	126	126	126	126	126	126	126	126
134	Pro-BMP4	126	126	126	126	126	126	126	126	126
135	Pro-BMP4	126	126	126	126	126	126	126	126	126
136	Pro-BMP4	126	126	126	126	126	126	126	126	126
137	Pro-BMP4	126	126	126	126	126	126	126	126	126
138	Pro-BMP4	126	126	126	126	126	126	126	126	126
139	Pro-BMP4	126	126	126	126	126	126	126	126	126
140	Pro-BMP4	126	126	126	126	126	126	126	126	126
141	Pro-BMP4	126	126	126	126	126	126	126	126	126
142	Pro-BMP4	126	126	126	126	126	126	126	126	126
143	Pro-BMP4	126	126	126	126	126	126	126	126	126
144	Pro-BMP4	126	126	126	126	126	126	126	126	126
145	Pro-BMP4	126	126	126	126	126	126	126	126	126
146	Pro-BMP4	126	126	126	126	126	126	126	126	126
147	Pro-BMP4	126	126	126	126	126	126	126	126	126
148	Pro-BMP4	126	126	126	126	126	126	126	126	126
149	Pro-BMP4	126	126	126	126	126	126	126	126	126
150	Pro-BMP4	126	126	126	126	126	126	126	126	126
151	Pro-BMP4	126	126	126	126	126	126	126	126	126
152	Pro-BMP4	126	126	126	126	126	126	126	126	126
153	Pro-BMP4	126	126	126	126	126	126	126	126	126
154	Pro-BMP4	126	126	126	126	126	126	126	126	126
155	Pro-BMP4	126	126	126	126	126	126	126	126	126
156	Pro-BMP4	126	126	126	126	126	126	126	126	126
157	Pro-BMP4	126	126	126	126	126	126	126	126	126
158	Pro-BMP4	126	126	126	126	126	126	126	126	126
159	Pro-BMP4	126	126	126	126	126	126	126	126	126
160	Pro-BMP4	126	126	126	126	126	126	126	126	126
161	Pro-BMP4	126	126	126	126	126	126	126	126	126
162	Pro-BMP4	126	126	126	126	126	126	126	126	126
163	Pro-BMP4	126	126	126	126	126	126	126	126	126
164	Pro-BMP4	126	126	126	126	126	126	126	126	126
165	Pro-BMP4	126	126	126	126	126	126	126	126	126
166	Pro-BMP4	126	126	126	126	126	126	126	126	126
167	Pro-BMP4	126	126	126	126	126	126	126	126	126
168	Pro-BMP4	126	126	126	126	126	126	126	126	126
169	Pro-BMP4	126	126	126	126	126	126	126	126	126
170	Pro-BMP4	126	126	126	126	126	126	126	126	126
171	Pro-BMP4	126	126	126	126	126	126	126	126	126
172	Pro-BMP4	126	126	126	126	126	126	126	126	126
173	Pro-BMP4	126	126	126	126	126	126	126	126	126
174	Pro-BMP4	126	126	126	126	126	126	126	126	126
175	Pro-BMP4	126	126	126	126	126	126	126	126	126
176	Pro-BMP4	126	126	126	126	126	126	126	126	126
177	Pro-BMP4	126	126	126	126	126	126	126	126	126
178	Pro-BMP4	126	126	126	126	126	126	126	126	126
179	Pro-BMP4	126	126	126	126	126	126	126	126	126
180	Pro-BMP4	126	126	126	126	126	126	126	126	126
181	Pro-BMP4	126	126	126	126	126	126	126	126	126
182	Pro-BMP4	126	126	126	126	126	126	126	126	126
183	Pro-BMP4	126	126	126	126	126	126	126	126	126
184	Pro-BMP4	126	126	126	126	126	126	126	126	126
185	Pro-BMP4	126	126	126	126	126	126	126	126	126
186	Pro-BMP4	126	126	126	126	126	126	126	126	126
187	Pro-BMP4	126	126	126	126	126	126	126	126	126
188	Pro-BMP4	126	126	126	126	126	126	126	126	126
189	Pro-BMP4	126	126	126	126	126	126	126	126	126
190	Pro-BMP4	126	126	126	126	126	126	126	126	126
191	Pro-BMP4	126	126	126	126	126	126	126	126	126
192	Pro-BMP4	126	126	126	126	126	126	126	126	126
193	Pro-BMP4	126	126	126	126	126	126	126	126	126
194	Pro-BMP4	126	126	126	126	126	126	126	126	126
195	Pro-BMP4	126	126	126	126	126	126	126	126	126
196	Pro-BMP4	126	126	126	126	126	126	126	126	126
197	Pro-BMP4	126	126	126	126	126	126	126	126	126
198	Pro-BMP4	126	126	126	126	126	126	126	126	126
199	Pro-BMP4	126	126	126	126	126	126	126	126	126
200	Pro-BMP4	126	126	126	126	126	126	126	126	126
201	Pro-BMP4	126	126	126	126	126	126	126	126	126
202	Pro-BMP4	126	126	126	126	126	126	126	126	126
203	Pro-BMP4	126	126	126	126	126	126	126	126	126
204	Pro-BMP4	126	126	126	126	126	126	126	126	126
205	Pro-BMP4	126	126	126	126	126	126	126	126	126
206	Pro-BMP4	126	126	126	126	126	126	126	126	126
207	Pro-BMP4	126	126	126	126	126	126	126	126	126
208	Pro-BMP4	126	126	126	126	126	126	126	126	126
209	Pro-BMP4	126	126	126	126	126	126	126	126	126
210	Pro-BMP4	126	126	126	126	126	126	126	126	126
211	Pro-BMP4	126	126	126	126	126	126	126	126	126
212	Pro-BMP4	126	126	126	126	126	126	126	126	126
213	Pro-BMP4	126	126	126	126	126	126	126	126	126
214	Pro-BMP4	126	126	126	126	126	126	126	126	126
215	Pro-BMP4	126	126	126	126	126	126	126	126	126
216	Pro-BMP4	126	126	126	126	126	126	126	126	126
217	Pro-BMP4	126	126	126	126	126	126	126	126	126
218	Pro-BMP4	126	126	126	126	126	126	126	126	126
219	Pro-BMP4	126	126	126	126	126	126	126	126	126
220	Pro-BMP4	126	126	126	126	126	126	126	126	126
221	Pro-BMP4	126	126	126	126	126	126	126	126	126
222	Pro-BMP4	126	126	126	126	126	126	126	126	126
223	Pro-BMP4	126	126	126	126	126	126	126	126	126
224	Pro-BMP4	126	126	126	126	126	126	126	126	126
225	Pro-BMP4	126	126	126	126	126	126	126	126	126
226	Pro-BMP4	126	126	126	126	126	126	126	126	126
227	Pro-BMP4	126	126	126	126	126	126	126	126	126
228	Pro-BMP4	126	126	126	126	126	126	126	126	126
229	Pro-BMP4	126	126	126	126	126	126	126	126	126
230	Pro-BMP4	126	126	126	126	126	126	126	126	126

[illegible]

Par27Q n77_Ant 7											
Seq (nt)	Modulator	Chase time	RE	Chase time	Yeast Chase	Yeast Time	Yeast Stability	Yeast Age	Yeast Age	Yeast Age	MP (%)
100	PRG MPMR	1	0			10.86					
100	PRG MPMR	1	1			10.86				20.0	0.0
100	PRG MPMR	1	201			10.84					
100	PRG MPMR	126	0			10.86				20.0	0.0
100	PRG MPMR	126	1			10.86				20.0	0.0
100	PRG MPMR	126	126			10.83				20.0	0.0
100	PRG MPMR	126	201			10.86					
100	PRG MPMR	1	0			10.78					
100	PRG MPMR	1	1			10.78				20.0	0.0
100	PRG MPMR	1	201			10.84					
100	PRG MPMR	1	126			10.78					
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0	0.0
100	PRG MPMR	201	1			10.71				20.0	0.0
100	PRG MPMR	201	126			10.71				20.0	0.0
100	PRG MPMR	201	201			10.71				20.0	0.0
100	PRG MPMR	1	0			10.71				20.0	0.0
100	PRG MPMR	1	1			10.71				20.0	0.0
100	PRG MPMR	1	126			10.71				20.0	0.0
100	PRG MPMR	1	201			10.71				20.0	0.0
100	PRG MPMR	126	0			10.71				20.0	0.0
100	PRG MPMR	126	1			10.71				20.0	0.0
100	PRG MPMR	126	126			10.71				20.0	0.0
100	PRG MPMR	126	201			10.71				20.0	0.0
100	PRG MPMR	201	0			10.71				20.0</	

Par270 n77_Ant 7									
Ref ID#	Substation	Ref ID	Ref Offset	Ref C	Ref S	Ref E	Ref N	Ref W	Ref S
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.61	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100	PR270 n77_Ant 7	271	13	18.76	18.76	18.75			201.2
100	PR270 n77_Ant 7	126	66	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	100	18.74	18.74	18.74			201.1
100	PR270 n77_Ant 7	126	136	18.65	18.62	18.74			201.1
100	PR270 n77_Ant 7	1	0	18.93	18.93	18.92			
100									

[illegible]

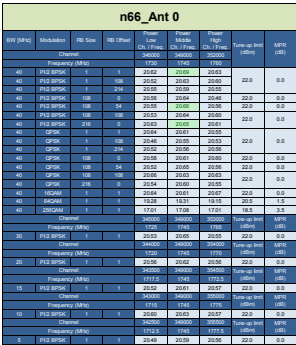
[illegible]

Part27Q n78_Ant 5 HPUE									
Ref (MHz)	Modulation	Channel	Ref. Offset	Power [dBm]	Time Co. / Freq.	Power [dBm]	Age [sec]	Reference Time [sec]	MSE [dB]
					0.000000				
100	PSK (BPSK)	F	0	25.43	0.000000	25.43		273.0	0.0
100	PSK (BPSK)	F	1	25.43	0.000000	25.43		273.0	0.0
100	PSK (BPSK)	F	271	25.37	0.000000	25.37		273.0	0.0
100	PSK (BPSK)	F	66	25.36	0.000000	25.36		273.0	0.0
100	PSK (BPSK)	F	136	25.36	0.000000	25.36		273.0	0.0
100	PSK (BPSK)	F	206	25.36	0.000000	25.36		273.0	0.0
100	QPSK	F	0	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	137	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.43	0.000000	25.43		273.0	0.0
100	QPSK	F	136	25.43	0.000000	25.43		273.0	0.0
100	QPSK	F	206	25.36	0.000000	25.36		273.0	0.0
100	QPSK	F	271	25.36	0.000000	25.36		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	206	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	271	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	66	25.32	0.000000	25.32		273.0	0.0
100	QPSK	F	136	25.32	0.000000	25.32		273.0	0.0
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Part270 n78_Ant 5 HPUE											
Ref [MHz]	Modulation	Channel	Ref. Offset	Time Co./Tx	Power [dBm]	Power [dBm] [dBd]	Antenna Type	Antenna Gain [dBd]	Antenna Height [m]	Min. range [km]	Max. range [km]
100	FSK 1200	1	0	15.68	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.68	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.42	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.42	25.00	25.00				
100	FSK 1200	126	167	15.42	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.42	25.00	25.00				
100	FSK 1200	1	271	15.42	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.42	25.00	25.00				
100	FSK 1200	126	66	15.42	25.00	25.00	27.0	0.0			
Frequency [MHz]				Channel	15.42	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	66	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	136	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	126	167	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200	1	271	15.40	25.00	25.00	26.0	0.0			
Frequency [MHz]				Channel	15.40	25.00	25.00				
100	FSK 1200										

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Part270 n78_Ant 7 HPUE									
RF (MHz)	Modulation	Channel	RF Channel	Power (Watts)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)	Power (dBm)
Channel									
150	PSK 256QAM	1	1	20.81	21.2	22.5	22.5	22.5	22.5
150	PSK 256QAM	2	2	20.81	21.2	22.5	22.5	22.5	22.5
150	PSK 256QAM	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	PSK 256QAM	156	156	20.84	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	2	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	1	251	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	6	20.81	21.2	22.5	22.5	22.5	22.5
150	QPSK	156	156	20					

[illegible][illegible]

n66_Ant 3									
REF	Model	Pos Size	Ref Offset	Time [sec]	Time [min]	Time [hr:min]	Pos Size [bits]	Time up [hr:min]	MIPS
40	P12A MP10L	1	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	1	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	1	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	108	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	108	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	108	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	216	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	P12A MP10L	216	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	1	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	1	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	108	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	108	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	216	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	216	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	216	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	GP10L	216	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	1	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	1	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	108	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	108	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	108	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	216	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	216	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	216	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
40	PRO10L	216	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	1	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	1	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	1	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	108	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	108	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	108	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	216	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	216	256	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	216	512	15.00	0.25	0.00:15.00	10.00	20.0	0.0
15	P12A MP10L	216	768	15.00	0.25	0.00:15.00	10.00	20.0	0.0
5	P12A MP10L	1	0	15.00	0.25	0.00:15.00	10.00	20.0	0.0

n38_Ant 0									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power CL / Power S / Power S	Power Rx CL / Power CL / Power S / Power S	Power Tx CL / Power CL / Power S / Power S	Time up time (min)	MFR (Hz)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	21.16	21.16	21.02			
40	PSS BPSK	1	0	21.17	21.17	21.17	21.5	0.0	
40	PSS BPSK	1	104	21.25	21.11	21.08			
40	PSS BPSK	0	0	21.04	21.08	21.08	21.5	0.0	
40	PSS BPSK	0	20	21.04	21.28	21.10	21.5	0.0	
40	PSS BPSK	0	0	21.10	21.00	21.02			
40	PSS BPSK	100	0	21.16	21.21	21.04	21.5	0.0	
40	CPFSK	1	1	21.07	21.04	21.02			
40	CPFSK	1	33	21.02	21.21	21.18	21.5	0.0	
40	CPFSK	0	0	21.08	21.16	21.01			
40	CPFSK	0	20	21.04	21.20	21.08	21.5	0.0	
40	CPFSK	0	0	21.06	21.06	21.07			
40	CPFSK	100	0	20.98	20.98	20.97	21.5	0.0	
40	HSK4M	1	1	21.00	21.08	21.00	21.5	0.0	
40	HSK4M	1	1	19.98	19.97	19.12	20.5	1.0	
40	HSK4M	1	1	17.76	17.83	17.74	18.5	1.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	21.07	21.26	20.99	21.5	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.04	21.25	20.99	21.5	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	21.06	21.16	21.00	21.5	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	21.16	21.25	21.02	21.5	0.0	

n38_Ant 1									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power CL / Power S / Power S	Power Rx CL / Power CL / Power S / Power S	Power Tx CL / Power CL / Power S / Power S	Time up time (min)	MFR (Hz)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	17.72	17.75	17.72			
40	PSS BPSK	1	33	17.68	17.71	17.64	19.0	0.0	
40	PSS BPSK	1	104	17.60	17.60	17.60			
40	PSS BPSK	0	0	17.67	17.60	17.60	19.0	0.0	
40	PSS BPSK	0	20	17.67	17.60	17.60	19.0	0.0	
40	PSS BPSK	0	0	17.60	17.67	17.67			
40	PSS BPSK	100	0	17.68	17.69	17.67	19.0	0.0	
40	CPFSK	1	1	17.61	17.60	17.60			
40	CPFSK	1	33	17.67	17.63	17.61	19.0	0.0	
40	CPFSK	1	104	17.64	17.64	17.64			
40	CPFSK	0	0	17.60	17.74	17.68			
40	CPFSK	0	20	17.60	17.68	17.60	19.0	0.0	
40	CPFSK	0	0	17.65	17.65	17.65			
40	CPFSK	100	0	17.63	17.67	17.67	19.0	0.0	
40	HSK4M	1	1	17.68	17.76	17.68	19.0	0.0	
40	HSK4M	1	1	17.65	17.68	17.68	19.0	0.0	
40	HSK4M	1	1	15.41	15.74	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	17.62	17.69	17.60	19.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	17.62	17.72	17.60	19.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	17.60	17.65	17.60	19.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	17.60	17.70	17.67	19.0	0.0	

n38_Ant 2									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power CL / Power S / Power S	Power Rx CL / Power CL / Power S / Power S	Power Tx CL / Power CL / Power S / Power S	Time up time (min)	MFR (Hz)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	21.06	21.12	21.07			
40	PSS BPSK	1	0	21.04	21.02	21.04	22.0	0.0	
40	PSS BPSK	1	104	21.03	21.08	21.07			
40	PSS BPSK	0	0	21.07	21.08	21.07	22.0	0.0	
40	PSS BPSK	0	20	21.00	21.04	21.07	22.0	0.0	
40	PSS BPSK	0	0	21.03	21.00	21.00			
40	PSS BPSK	100	0	21.01	21.02	21.08			
40	CPFSK	1	1	21.00	21.00	21.00			
40	CPFSK	1	33	21.03	21.03	21.08	22.0	0.0	
40	CPFSK	1	104	21.04	21.04	21.04			
40	CPFSK	0	0	21.08	21.08	21.08			
40	CPFSK	0	20	21.05	21.04	21.05	22.0	0.0	
40	CPFSK	0	0	21.05	21.05	21.05			
40	CPFSK	100	0	21.02	21.02	21.08	22.0	0.0	
40	HSK4M	1	1	21.03	21.07	21.04	22.0	0.0	
40	HSK4M	1	1	21.07	21.70	21.00	21.0	0.0	
40	HSK4M	1	1	20.70	20.40	20.70	19.0	1.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	21.06	21.02	21.04	22.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	21.04	21.06	21.06	22.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	21.00	21.70	21.00	22.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	21.07	21.70	21.08	22.0	0.0	

n38_Ant 3									
DIV (MHz)	Modulation	RB Size	RB Offset	Power Tx CL / Power CL / Power S / Power S	Power Rx CL / Power CL / Power S / Power S	Power Tx CL / Power CL / Power S / Power S	Time up time (min)	MFR (Hz)	
Channel									
Frequency (MHz)									
40	PSS BPSK	1	1	20.10	20.15	20.10			
40	PSS BPSK	1	0	20.10	20.11	20.10	21.0	0.0	
40	PSS BPSK	1	104	20.08	20.10	20.09			
40	PSS BPSK	0	0	20.11	20.09	19.97	21.0	0.0	
40	PSS BPSK	0	20	20.09	20.10	20.09	21.0	0.0	
40	PSS BPSK	0	0	20.09	20.09	20.09			
40	PSS BPSK	100	0	19.99	20.01	20.01	21.0	0.0	
40	CPFSK	1	1	20.14	20.14	20.11			
40	CPFSK	1	33	19.99	20.08	19.99	21.0	0.0	
40	CPFSK	1	104	20.00	20.00	20.00			
40	CPFSK	0	0	20.07	20.00	19.98			
40	CPFSK	0	20	20.00	20.00	19.97	21.0	0.0	
40	CPFSK	0	0	19.99	20.00	19.99			
40	CPFSK	100	0	20.01	20.00	20.04	21.0	0.0	
40	HSK4M	1	1	20.00	20.12	20.04	21.0	0.0	
40	HSK4M	1	1	19.99	20.09	20.00	20.0	0.0	
40	HSK4M	1	1	18.14	18.14	18.11	21.0	0.0	
Channel									
Frequency (MHz)									
30	PSS BPSK	1	1	20.10	20.09	20.09	21.0	0.0	
Channel									
Frequency (MHz)									
20	PSS BPSK	1	1	20.08	20.08	20.08	21.0	0.0	
Channel									
Frequency (MHz)									
15	PSS BPSK	1	1	20.01	20.00	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
10	PSS BPSK	1	1	20.00	20.00	20.00	21.0	0.0	

[illegible]

Par27O n77_Ant 4									
Site (MHz)	Installation	PSI Size	PSI Offset	Time of Observation	Phase Center RA	Phase Center DEC	Phase Center Name	Reference Frame	PSI J2000
100	PSI BPSRC	136	0	18:30	18:42	18:41			
100	PSI BPSRC	136	1	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	2	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	3	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	4	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	5	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	6	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	7	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	8	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	9	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	10	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	11	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	12	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	13	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	14	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	15	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	16	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	17	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	18	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	19	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	20	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	21	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	22	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	23	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	24	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	25	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	26	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	27	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	28	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	29	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	30	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	31	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	32	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	33	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	34	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	35	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	36	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	37	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	38	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	39	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	40	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	41	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	42	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	43	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	44	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	45	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	46	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	47	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	48	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	49	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	50	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	51	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	52	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	53	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	54	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	55	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	56	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	57	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	58	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	59	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	60	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	61	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	62	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	63	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	64	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	65	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	66	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	67	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	68	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	69	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	70	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	71	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	72	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	73	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	74	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	75	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	76	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	77	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	78	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	79	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	80	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	81	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	82	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	83	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	84	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	85	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	86	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	87	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	88	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	89	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	90	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	91	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	92	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	93	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	94	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	95	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	96	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	97	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	98	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	99	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	100	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	101	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	102	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	103	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	104	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	105	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	106	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	107	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	108	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	109	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	110	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	111	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	112	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	113	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	114	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	115	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	116	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	117	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	118	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	119	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	120	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	121	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	122	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	123	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	124	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	125	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	126	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	127	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	128	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	129	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	130	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	131	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	132	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	133	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	134	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	135	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	136	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	137	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC	136	138	18:33	18:37	18:36		20.0	0.0
100	PSI BPSRC								

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Par27Q n77_Ant 6									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Leak Ch. 1 Power	Power Margin Ch. 1 Power	Power Tgt. Ch. 1 Power	Time-up Int. (sec)	MPD (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.57					
100	P12 BPSK	1	137	15.58			16.5	0.0	
100	P12 BPSK	1	271	15.61					
100	P12 BPSK	136	0	15.47			16.5	0.0	
100	P12 BPSK	136	88	15.51			16.5	0.0	
100	P12 BPSK	136	136	15.45			16.5	0.0	
100	P12 BPSK	270	0	15.47			16.5	0.0	
100	QPSK	1	1	15.45					
100	QPSK	1	137	15.45			16.5	0.0	
100	QPSK	1	271	15.39					
100	QPSK	136	0	15.38					
100	QPSK	136	88	15.35			16.5	0.0	
100	QPSK	136	136	15.37			16.5	0.0	
100	QPSK	270	0	15.47			16.5	0.0	
100	QPSK	1	1	15.51			16.5	0.0	
100	QPSK	1	1	15.53			16.5	0.0	
100	QPSK	1	1	15.53			16.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.42	15.44	15.45	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	15.46	15.46	15.46	16.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	15.45	15.45	15.45	16.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.45	15.53	15.45	16.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	15.45	15.47	15.53	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	15.45	15.54	15.55	16.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	15.43	15.44	15.39	16.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	15.42	15.56	15.43	16.5	0.0	
Channel									
Frequency (MHz)									
16	P12 BPSK	1	1	15.43	15.47	15.53	16.5	0.0	

Par27O n77_Ant 6									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Leak Ch. 1 Power	Power Margin Ch. 1 Power	Power Tgt. Ch. 1 Power	Time-up Int. (sec)	MPD (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.10	15.19	15.13			
100	P12 BPSK	1	137	14.38	15.14	15.15	16.5	0.0	
100	P12 BPSK	1	271	15.07	15.18	15.03			
100	P12 BPSK	136	0	14.37	15.07	15.03	16.5	0.0	
100	P12 BPSK	136	88	15.07	15.09	15.03	16.5	0.0	
100	P12 BPSK	136	136	14.37	15.07	15.03	16.5	0.0	
100	P12 BPSK	270	0	15.06	15.11	14.98	16.5	0.0	
100	QPSK	1	1	15.03	15.03	15.03			
100	QPSK	1	137	15.04	15.15	15.04	16.5	0.0	
100	QPSK	1	271	14.94	15.03	15.04			
100	QPSK	136	0	14.95	14.98	14.98			
100	QPSK	136	88	15.05	15.03	15.04	16.5	0.0	
100	QPSK	136	136	15.05	15.03	15.04	16.5	0.0	
100	QPSK	270	0	15.00	15.14	15.00	16.5	0.0	
100	QPSK	1	1	15.10	15.15	15.10	16.5	0.0	
100	QPSK	1	1	15.09	15.12	15.09	16.5	0.0	
100	QPSK	1	1	15.09	15.07	15.10	16.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	14.98	14.94	14.94	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	14.94	14.94	14.94	16.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	14.95	14.95	14.95	16.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	14.92	14.95	14.89	16.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	14.92	14.95	14.90	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	14.83	14.95	14.94	16.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	14.85	15.01	14.80	16.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	14.83	14.96	14.90	16.5	0.0	
Channel									
Frequency (MHz)									
16	P12 BPSK	1	1	14.83	14.94	14.93	16.5	0.0	

Par27Q n77_Ant 7									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Leak Ch. 1 Power	Power Margin Ch. 1 Power	Power Tgt. Ch. 1 Power	Time-up Int. (sec)	MPD (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.62					
100	P12 BPSK	1	137	15.70			16.5	0.0	
100	P12 BPSK	1	271	15.54					
100	P12 BPSK	136	0	15.72			16.5	0.0	
100	P12 BPSK	136	88	15.66			16.5	0.0	
100	P12 BPSK	136	136	15.66			16.5	0.0	
100	P12 BPSK	270	0	15.66			16.5	0.0	
100	QPSK	1	1	15.70					
100	QPSK	1	137	15.60			16.5	0.0	
100	QPSK	1	271	15.60					
100	QPSK	136	0	15.74					
100	QPSK	136	88	15.70			16.5	0.0	
100	QPSK	136	136	15.67			16.5	0.0	
100	QPSK	270	0	15.60			16.5	0.0	
100	QPSK	1	1	15.67			16.5	0.0	
100	QPSK	1	1	15.66			16.5	0.0	
100	QPSK	1	1	15.71			16.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	15.60	15.74	15.60	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	15.64	15.71	15.74	16.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	15.71	15.70	15.64	16.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	15.65	15.72	15.67	16.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	15.64	15.71	15.69	16.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	15.60	15.69	15.69	16.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	15.64	15.70	15.63	16.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	15.70	15.77	15.71	16.5	0.0	
Channel									
Frequency (MHz)									

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Part27Q n78_Ant 5 HPUE									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Lwr Ch.1 Power	Power Mdn Ch.1 Power	Power Upr Ch.1 Power	Time-up Int (sec)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PSS (BPSK)	1	1	15.54			10.0	0.0	
100	PSS (BPSK)	1	137	15.52					
100	PSS (BPSK)	1	271	15.50					
100	PSS (BPSK)	135	0	15.44			10.0	0.0	
100	PSS (BPSK)	135	88	15.54			10.0	0.0	
100	PSS (BPSK)	135	156	15.48					
100	PSS (BPSK)	270	0	15.48			10.0	0.0	
100	PSS (BPSK)	1	1	15.52					
100	QPSK	1	137	15.54			10.0	0.0	
100	QPSK	1	271	15.50					
100	QPSK	135	0	15.57					
100	QPSK	135	88	15.47			10.0	0.0	
100	QPSK	135	156	15.47					
100	QPSK	270	0	15.44			10.0	0.0	
100	QPSK	1	1	15.52			10.0	0.0	
100	QPSK	1	1	15.54			10.0	0.0	
100	QPSK	1	1	15.52			10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.50	15.57	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
70	PSS (BPSK)	1	1	15.46	15.50	15.46	10.0	0.0	
Channel									
Frequency (MHz)									
80	PSS (BPSK)	1	1	15.54	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
90	PSS (BPSK)	1	1	15.50	15.54	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
20	PSS (BPSK)	1	1	15.54	15.50	15.46	10.0	0.0	
Channel									
Frequency (MHz)									
15	PSS (BPSK)	1	1	15.50	15.50	15.46	10.0	0.0	
Channel									
Frequency (MHz)									
10	PSS (BPSK)	1	1	15.50	15.50	15.46	10.0	0.0	

Part27Q n78_Ant 5 HPUE									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Lwr Ch.1 Power	Power Mdn Ch.1 Power	Power Upr Ch.1 Power	Time-up Int (sec)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PSS (BPSK)	1	1	15.55			10.0	0.0	
100	PSS (BPSK)	1	137	15.51					
100	PSS (BPSK)	1	271	15.57					
100	PSS (BPSK)	135	0	15.48			10.0	0.0	
100	PSS (BPSK)	135	88	15.53			10.0	0.0	
100	PSS (BPSK)	135	156	15.50					
100	PSS (BPSK)	270	0	15.49			10.0	0.0	
100	QPSK	1	1	15.55					
100	QPSK	1	137	15.50			10.0	0.0	
100	QPSK	1	271	15.53					
100	QPSK	135	0	15.46					
100	QPSK	135	88	15.50			10.0	0.0	
100	QPSK	135	156	15.50					
100	QPSK	270	0	15.44			10.0	0.0	
100	QPSK	1	1	15.45			10.0	0.0	
100	QPSK	1	1	15.49			10.0	0.0	
100	QPSK	1	1	15.42			10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.54	15.50	15.44	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
70	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
80	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
90	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
20	PSS (BPSK)	1	1	15.50	15.50	15.50	10.0	0.0	
Channel									
Frequency (MHz)									
15	PSS (BPSK)	1	1	15.50	15.50	15.40	10.0	0.0	
Channel									
Frequency (MHz)									
10	PSS (BPSK)	1	1	15.50	15.50	15.40	10.0	0.0	

Part27Q n78_Ant 6 HPUE									
SRV (MHz)	Modulation	RB Size	RB Offset	Power Lwr Ch.1 Power	Power Mdn Ch.1 Power	Power Upr Ch.1 Power	Time-up Int (sec)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PSS (BPSK)	1	1	15.54					
100	PSS (BPSK)	1	137	15.48			10.0	0.0	
100	PSS (BPSK)	1	271	15.50					
100	PSS (BPSK)	135	0	15.50			10.0	0.0	
100	PSS (BPSK)	135	88	15.45			10.0	0.0	
100	PSS (BPSK)	135	156	15.48			10.0	0.0	
100	PSS (BPSK)	270	0	15.50			10.0	0.0	
100	QPSK	1	1	15.53					
100	QPSK	1	137	15.44			10.0	0.0	
100	QPSK	1	271	15.57					
100	QPSK	135	0	15.57					
100	QPSK	135	88	15.47			10.0	0.0	
100	QPSK	135	156	15.47					
100	QPSK	270	0	15.43			10.0	0.0	
100	QPSK	1	1	15.47			10.0	0.0	
100	QPSK	1	1	15.49			10.0	0.0	
100	QPSK	1	1	15.37			10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.40	15.41	15.39	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.40	15.40	15.39	10.0	0.0	
Channel									
Frequency (MHz)									
70	PSS (BPSK)	1	1	15.40	15.40	15.39	10.0	0.0	
Channel									
Frequency (MHz)									
80	PSS (BPSK)	1	1	15.40	15.40	15.39	10.0	0.0	
Channel									
Frequency (MHz)									
90	PSS (BPSK)	1	1	15.39	15.40	15.40	10.0	0.0	
Channel									
Frequency (MHz)									
40	PSS (BPSK)	1	1	15.40	15.40	15.39	10.0	0.0	
Channel									
Frequency (MHz)									
30	PSS (BPSK)	1	1	15.40	15.41	15.40	10.0	0.0	
Channel									
Frequency (MHz)									
15	PSS (BPSK)	1	1	15.40	15.40	15.41	10.0	0.0	
Channel									
Frequency (MHz)									
10	PSS (BPSK)	1	1	15.40	15.41	15.40	10.0	0.0	

Part27Q n78_Ant 6 HPUE									
BSI [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Mid Ch. 1 Power	Power High Ch. 1 Power	Time-up time (min)	MPD (dB)	
Channel									
Frequency (MHz)									
160	PSS-BPSK	1	1	15.50					
160	PSS-BPSK	1	137	15.50			16.5	0.0	
160	PSS-BPSK	1	271	15.50					
160	PSS-BPSK	136	0	15.50			16.5	0.0	
160	PSS-BPSK	136	68	15.50			16.5	0.0	
160	PSS-BPSK	136	136	15.50			16.5	0.0	
160	PSS-BPSK	270	0	15.50			16.5	0.0	
160	QPSK	1	1	15.50					
160	QPSK	1	137	15.50			16.5	0.0	
160	QPSK	1	271	15.50					
160	QPSK	136	0	15.50			16.5	0.0	
160	QPSK	136	68	15.50			16.5	0.0	
160	QPSK	136	136	15.50			16.5	0.0	
160	QPSK	270	0	15.50			16.5	0.0	
160	QAM64	1	1	15.50			16.5	0.0	
160	QAM64	1	1	15.50			16.5	0.0	
160	QAM64	1	1	15.50			16.5	0.0	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	15.46	15.50	15.50	16.5	0.0	
Channel									
Frequency (MHz)									
60	PSS-BPSK	1	1	15.46	15.46	15.50	16.5	0.0	
Channel									
Frequency (MHz)									
70	PSS-BPSK	1	1	15.50	15.51	15.46	16.5	0.0	
Channel									
Frequency (MHz)									
80	PSS-BPSK	1	1	15.46	15.44	15.37	16.5	0.0	
Channel									
Frequency (MHz)									
90	PSS-BPSK	1	1	15.47	15.44	15.41	16.5	0.0	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	15.37	15.40	15.41	16.5	0.0	
Channel									
Frequency (MHz)									
50	PSS-BPSK	1	1	15.39	15.39	15.40	16.5	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	15.47	15.44	15.39	16.5	0.0	
Channel									
Frequency (MHz)									
15	PSS-BPSK	1	1	15.39	15.40	15.40	16.5	0.0	
Channel									
Frequency (MHz)									
10	PSS-BPSK	1	1	15.43	15.43	15.43	16.5	0.0	

Part27Q n78_Ant 7 HPUE									
BSI [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Mid Ch. 1 Power	Power High Ch. 1 Power	Time-up time (min)	MPD (dB)	
Channel									
Frequency (MHz)									
160	PSS-BPSK	1	1	15.50					
160	PSS-BPSK	1	137	15.50			16.0	0.0	
160	PSS-BPSK	1	271	15.43					
160	PSS-BPSK	136	0	15.50			16.0	0.0	
160	PSS-BPSK	136	68	15.50			16.0	0.0	
160	PSS-BPSK	136	136	15.45			16.0	0.0	
160	PSS-BPSK	270	0	15.51			16.0	0.0	
160	QPSK	1	1	15.50					
160	QPSK	1	137	15.50			16.0	0.0	
160	QPSK	1	271	15.44					
160	QPSK	136	0	15.46			16.0	0.0	
160	QPSK	136	68	15.50			16.0	0.0	
160	QPSK	136	136	15.47			16.0	0.0	
160	QPSK	270	0	15.51			16.0	0.0	
160	QAM64	1	1	15.50			16.0	0.0	
160	QAM64	1	1	15.49			16.0	0.0	
160	QAM64	1	1	15.50			16.0	0.0	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	15.46	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
60	PSS-BPSK	1	1	15.43	15.43	15.43	16.0	0.0	
Channel									
Frequency (MHz)									
70	PSS-BPSK	1	1	15.43	15.34	15.46	16.0	0.0	
Channel									
Frequency (MHz)									
80	PSS-BPSK	1	1	15.44	15.50	15.42	16.0	0.0	
Channel									
Frequency (MHz)									
90	PSS-BPSK	1	1	15.43	15.43	15.43	16.0	0.0	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	15.44	15.41	15.36	16.0	0.0	
Channel									
Frequency (MHz)									
50	PSS-BPSK	1	1	15.43	15.34	15.41	16.0	0.0	
Channel									
Frequency (MHz)									
20	PSS-BPSK	1	1	15.46	15.43	15.41	16.0	0.0	
Channel									
Frequency (MHz)									
10	PSS-BPSK	1	1	15.32	15.47	15.40	16.0	0.0	
Channel									
Frequency (MHz)									
5	PSS-BPSK	1	1	15.40	15.53	15.42	16.0	0.0	

Part27Q n78_Ant 7 HPUE									
BSI [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Power	Power Mid Ch. 1 Power	Power High Ch. 1 Power	Time-up time (min)	MPD (dB)	
Channel									
Frequency (MHz)									
160	PSS-BPSK	1	1	15.51					
160	PSS-BPSK	1	137	15.51			16.0	0.0	
160	PSS-BPSK	1	271	15.50					
160	PSS-BPSK	136	0	15.51			16.0	0.0	
160	PSS-BPSK	136	68	15.52			16.0	0.0	
160	PSS-BPSK	136	136	15.45			16.0	0.0	
160	PSS-BPSK	270	0	15.51			16.0	0.0	
160	QPSK	1	1	15.51					
160	QPSK	1	137	15.50			16.0	0.0	
160	QPSK	1	271	15.51					
160	QPSK	136	0	15.51			16.0	0.0	
160	QPSK	136	68	15.52			16.0	0.0	
160	QPSK	136	136	15.50			16.0	0.0	
160	QPSK	270	0	15.51			16.0	0.0	
160	QAM64	1	1	15.50			16.0	0.0	
160	QAM64	1	1	15.54			16.0	0.0	
160	QAM64	1	1	15.51			16.0	0.0	
Channel									
Frequency (MHz)									
30	PSS-BPSK	1	1	15.50	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
60	PSS-BPSK	1	1	15.50	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
70	PSS-BPSK	1	1	15.51	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
80	PSS-BPSK	1	1	15.50	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
90	PSS-BPSK	1	1	15.50	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
40	PSS-BPSK	1	1	15.50	15.50	15.50	16.0	0.0	
Channel									
Frequency (MHz)									
50	PSS-BPSK	1	1	15.50	15.50	15.51	16.0	0.0	
Channel									
Frequency (MHz)									
15	PSS-BPSK	1	1	15.50	15.50	15.51	16.0	0.0	
Channel									
Frequency (MHz)									
10	PSS-BPSK	1	1	15.50	15.50	15.51	16.0	0.0	
Channel									
Frequency (MHz)									



Default Power for EN-DC NR Main PA

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	P12 BPSK	1	1	24.43	24.58	24.33			
20	P12 BPSK	1	53	24.41	24.42	24.30	25.5		
20	P12 BPSK	1	104	24.34	24.31	24.31			
20	P12 BPSK	50	0	24.36	24.32	24.09	25.0		
20	P12 BPSK	50	28	24.35	24.50	24.28	25.5		
20	P12 BPSK	50	56	23.99	23.05	24.06	25.0		
20	P12 BPSK	100	0	24.17	24.48	24.23			
20	QPSK	1	1	24.27	24.33	24.23			
20	QPSK	1	53	24.35	24.37	24.30	25.5		
20	QPSK	1	104	24.30	24.41	24.27			
20	QPSK	50	0	23.28	23.32	23.12	24.5		
20	QPSK	50	28	24.15	24.32	24.08	25.5		
20	QPSK	50	56	23.77	23.91	23.76	24.5		
20	QPSK	100	0	23.36	23.58	23.46			
20	16QAM	1	1	22.90	22.94	22.87	24.5		
20	16QAM	1	1	21.93	21.92	21.86	23.0		
20	256QAM	1	1	19.81	19.89	19.80	21.0		
Channel				166300	167300	168300	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	27.5		
15	P12 BPSK	1	1	24.38	24.55	24.26	25.5		
Channel				165800	167300	168800	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				829	833.5	844	26.5		
10	P12 BPSK	1	1	24.42	24.58	24.26	25.5		
Channel				165300	167300	169300	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.5		
5	P12 BPSK	1	1	24.40	24.65	24.22	25.5		

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	P12 BPSK	1	1	24.43	24.71	24.44			
20	P12 BPSK	1	53	24.46	24.55	24.38	25.5		
20	P12 BPSK	1	104	24.42	24.37	24.33			
20	P12 BPSK	50	0	24.05	24.06	24.03	25.0		
20	P12 BPSK	50	28	24.43	24.66	24.50	25.5		
20	P12 BPSK	50	56	23.90	23.91	23.91	25.0		
20	P12 BPSK	100	0	23.88	24.17	23.79			
20	QPSK	1	1	24.43	24.51	24.36			
20	QPSK	1	53	24.41	24.50	24.32	25.5		
20	QPSK	1	104	24.42	24.47	24.30			
20	QPSK	50	0	22.99	23.11	23.01	24.5		
20	QPSK	50	28	24.24	24.38	24.19	25.0		
20	QPSK	50	56	23.33	23.48	23.35	24.5		
20	QPSK	100	0	23.21	23.35	23.19			
20	16QAM	1	1	23.61	23.79	23.70	24.5		
20	16QAM	1	1	21.53	21.97	21.41	23.0		
20	256QAM	1	1	19.52	19.58	19.43	21.0		
Channel				166300	167300	168300	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	27.5		
15	P12 BPSK	1	1	24.44	24.65	24.33	25.5		
Channel				165800	167300	168800	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				829	833.5	844	26.5		
10	P12 BPSK	1	1	24.47	24.65	24.35	25.5		
Channel				165300	167300	169300	1406-10 limit (dB)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	25.5		
5	P12 BPSK	1	1	24.40	24.65	24.39	25.5		

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Medu Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limt (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				24.31	24.33	24.35			
40	P1/2 BPSK	1	1	24.31	24.33	24.35			
40	P1/2 BPSK	1	108	24.31	24.28	24.21	25.5	0.0	
40	P1/2 BPSK	1	214	24.12	24.04	24.14			
40	P1/2 BPSK	108	0	24.15	24.16	23.94	25.0	0.5	
40	P1/2 BPSK	108	54	24.15	24.27	24.15	25.5	0.0	
40	P1/2 BPSK	108	108	24.08	24.18	24.01	20.0	0.5	
40	P1/2 BPSK	216	0	24.15	24.21	24.11			
40	QPSK	1	1	24.11	24.31	24.15			
40	QPSK	1	108	24.10	24.21	24.17	25.5	0.0	
40	QPSK	1	214	24.21	24.28	24.13			
40	QPSK	108	0	23.48	23.96	23.46	24.5	1.0	
40	QPSK	108	54	24.01	24.11	24.02	25.5	0.0	
40	QPSK	108	108	23.55	23.63	23.58	24.5	1.0	
40	QPSK	216	0	23.58	23.71	23.54			
40	16QAM	1	1	23.99	24.01	23.96	24.5	1.0	
40	16QAM	1	1	22.34	22.43	22.38	23.0	3.5	
40	256QAM	1	1	20.19	20.19	20.16	21.0	4.5	
Channel				503000	507000	511000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				24.15	24.35	24.65			
30	P1/2 BPSK	1	1	24.26	24.21	24.19	25.5	0.0	
Channel				502000	507000	511000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				23.12.5 <th>23.05<th>23.07.5</th><th></th><th colspan="2"></th></th>	23.05 <th>23.07.5</th> <th></th> <th colspan="2"></th>	23.07.5			
25	P1/2 BPSK	1	1	24.20	24.29	24.17	25.5	0.0	
Channel				502000	507000	512000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.10 <th>25.05<th>25.00</th><th></th><th colspan="2"></th></th>	25.05 <th>25.00</th> <th></th> <th colspan="2"></th>	25.00			
20	P1/2 BPSK	1	1	24.29	24.32	24.11	25.5	0.0	
Channel				501000	507000	512500	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.07.5 <th>25.05<th>25.02.5</th><th></th><th colspan="2"></th></th>	25.05 <th>25.02.5</th> <th></th> <th colspan="2"></th>	25.02.5			
15	P1/2 BPSK	1	1	24.30	24.31	24.19	25.5	0.0	
Channel				501000	507000	513500	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.05 <th>25.05<th>25.05</th><th></th><th colspan="2"></th></th>	25.05 <th>25.05</th> <th></th> <th colspan="2"></th>	25.05			
10	P1/2 BPSK	1	1	24.27	24.28	24.27	25.5	0.0	
Channel				500500	507000	513500	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.02.5 <th>24.95<th>24.97.5</th><th></th><th colspan="2"></th></th>	24.95 <th>24.97.5</th> <th></th> <th colspan="2"></th>	24.97.5			
5	P1/2 BPSK	1	1	24.28	24.30	24.27	25.5	0.0	

n7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq.)	Power Medu Ch. (Freq.)	Power High Ch. (Freq.)	Tune-up limt (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				24.29	24.35	24.65			
40	P1/2 BPSK	1	1	24.79	24.85	24.73			
40	P1/2 BPSK	1	108	24.78	24.85	24.74	25.2	0.0	
40	P1/2 BPSK	1	214	24.68	24.80	24.67			
40	P1/2 BPSK	108	0	24.17	24.29	24.05	24.7	0.5	
40	P1/2 BPSK	108	54	24.61	24.69	24.57	25.2	0.0	
40	P1/2 BPSK	108	108	24.18	24.33	24.19	24.7	0.5	
40	P1/2 BPSK	216	0	24.16	24.22	24.20			
40	QPSK	1	1	24.79	24.80	24.65			
40	QPSK	1	108	24.59	24.65	24.57	25.2	0.0	
40	QPSK	1	214	24.73	24.81	24.58			
40	QPSK	108	0	23.80	23.84	23.80	24.2	1.0	
40	QPSK	108	54	24.64	24.59	24.52	25.2	0.0	
40	QPSK	108	108	23.72	23.81	23.52	24.2	1.0	
40	QPSK	216	0	23.67	23.76	23.68			
40	16QAM	1	1	24.03	24.16	23.92	24.2	1.0	
40	16QAM	1	1	22.51	22.44	22.37	22.7	2.5	
40	256QAM	1	1	20.16	20.37	20.28	20.7	4.5	
Channel				503000	507000	511000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				24.15	24.35	24.65			
30	P1/2 BPSK	1	1	24.66	24.74	24.65	25.2	0.0	
Channel				502000	507000	511000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				23.12.5	23.05	23.07.5			
25	P1/2 BPSK	1	1	24.68	24.83	24.63	25.2	0.0	
Channel				502000	507000	512000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.10	25.05	25.00			
20	P1/2 BPSK	1	1	24.73	24.80	24.75	25.2	0.0	
Channel				501000	507000	512500	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.07.5	25.05	25.02.5			
15	P1/2 BPSK	1	1	24.61	24.65	24.62	25.2	0.0	
Channel				501000	507000	513000	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.05	25.05	25.05			
10	P1/2 BPSK	1	1	24.69	24.63	24.64	25.2	0.0	
Channel				500500	507000	513500	Hard-up limt (dB)	MPR (dB)	
Frequency (MHz)				25.02.5	24.95	24.97.5			
5	P1/2 BPSK	1	1	24.64	24.67	24.62	25.2	0.0	

n66_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt	MPR (dB)		
Channel				345000	349000	353000				
Frequency (MHz)				1730	1745	1760				
40	P12 BPSK	1	1	23.69	23.81	23.72		24.5	0.0	
40	P12 BPSK	1	108	23.57	23.74	23.68				
40	P12 BPSK	1	214	23.49	23.59	23.60				
40	P12 BPSK	108	0	23.64	23.57	23.55	24.0	0.5		
40	P12 BPSK	108	54	23.68	23.79	23.60	24.5	0.0		
40	P12 BPSK	108	108	23.51	23.51	23.35		24.0	0.5	
40	P12 BPSK	216	0	23.52	23.74	23.68				
40	QPSK	1	1	23.67	23.72	23.72				
40	QPSK	1	108	23.50	23.74	23.55		24.5	0.0	
40	QPSK	1	214	23.63	23.57	23.57				
40	QPSK	108	0	23.57	23.62	23.47	23.5			
40	QPSK	108	54	23.65	23.67	23.73	24.5	0.0		
40	QPSK	108	108	23.48	23.46	23.40	23.5	1.0		
40	QPSK	216	0	23.48	23.51	23.52				
40	16QAM	1	1	23.72	23.23	22.96	23.5	1.0		
40	64QAM	1	1	21.76	21.77	21.67	22.0	2.5		
40	256QAM	1	1	18.64	18.78	18.72	20.0	4.5		
Channel				345000	349000	353000	limt	MPR (dB)		
Frequency (MHz)				1725	1745	1765				
30	P12 BPSK	1	1	23.65	23.79	23.68	24.5	0.0		
Channel				344000	349000	354000	limt	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	P12 BPSK	1	1	23.68	23.68	23.65	24.5	0.0		
Channel				343500	349000	354500	limt	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	P12 BPSK	1	1	23.67	23.68	23.67	24.5	0.0		
Channel				343000	349000	355000	limt	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	P12 BPSK	1	1	23.76	23.76	23.65	24.5	0.0		
Channel				342500	349000	355500	limt	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	P12 BPSK	1	1	23.67	23.71	23.67	24.5	0.0		

n66_Ant 3										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Med. Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt (dBm)	MPR (dB)		
Channel				346000	349000	352000				
Frequency (MHz)				1730	1745	1760				
40	P12 BPSK	1	1	23.02	23.06	23.05		24.5	0.0	
40	P12 BPSK	1	108	22.95	23.01	23.02				
40	P12 BPSK	1	214	22.85	22.93	23.04				
40	P12 BPSK	108	0	22.96	22.95	22.99	24.0	0.5		
40	P12 BPSK	108	54	23.00	23.02	23.00	24.5	0.0		
40	P12 BPSK	108	108	22.85	22.95	22.95		24.0	0.5	
40	P12 BPSK	216	0	22.96	22.96	22.93				
40	QPSK	1	1	22.85	23.00	22.87				
40	QPSK	1	108	22.97	22.95	22.85	24.5	0.0		
40	QPSK	1	214	22.98	22.96	22.82		23.5	1.0	
40	QPSK	108	0	22.85	22.96	22.75	23.5			
40	QPSK	108	54	22.87	22.99	22.85	24.5			
40	QPSK	108	108	21.95	22.21	22.25	23.5	1.0		
40	QPSK	216	0	21.84	21.98	22.27				
40	16QAM	1	1	22.05	22.18	22.51	23.5	1.0		
40	64QAM	1	1	20.34	20.65	20.87	22.0	2.5		
40	256QAM	1	1	18.25	18.37	18.79	20.0	4.5		
Channel				345000	349000	353000	Tune-up limt (dBm)	MPR (dB)		
Frequency (MHz)				1725	1745	1765				
30	P12 BPSK	1	1	22.98	23.04	23.02	24.5	0.0		
Channel				344000	349000	354000	Tune-up limt (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	P12 BPSK	1	1	23.00	23.02	23.02	24.5	0.0		
Channel				343500	349000	354500	Tune-up limt (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	P12 BPSK	1	1	22.92	23.01	23.01	24.5	0.0		
Channel				343000	349000	355000	Tune-up limt (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	P12 BPSK	1	1	22.94	23.02	23.00	24.5	0.0		
Channel				342500	349000	355500	Tune-up limt (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	P12 BPSK	1	1	23.01	23.01	23.00	24.5	0.0		

n38_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	
Channel				518004	518000	518996	
Frequency (MHz)				2592.02	2595	2599.98	
40	PV2 BPSK	1	1	24.44	24.67	24.51	
40	PV2 BPSK	1	53	24.48	24.44	24.47	25.0
40	PV2 BPSK	1	104	24.45	24.53	24.55	
40	PV2 BPSK	50	0	24.37	24.36	24.37	24.5
40	PV2 BPSK	50	26	24.33	24.45	24.38	25.0
40	PV2 BPSK	50	56	24.33	24.33	24.32	
40	PV2 BPSK	100	0	24.12	24.37	24.10	24.5
40	QPSK	1	1	24.44	24.34	24.35	
40	QPSK	1	53	24.39	24.33	24.36	25.0
40	QPSK	1	104	24.41	24.39	24.40	
40	QPSK	50	0	24.39	24.42	24.39	
40	QPSK	50	26	24.39	24.40	24.42	25.0
40	QPSK	50	56	24.34	24.44	24.41	
40	QPSK	100	0	23.43	23.34	23.51	24.0
40	16QAM	1	1	23.84	23.98	23.92	24.0
40	256QAM	1	1	22.58	22.48	22.41	22.5
40	256QAM	1	1	20.49	20.42	20.48	20.5
Channel				517002	518000	520998	
Frequency (MHz)				2593.01	2595	2604.99	MPR (dB)
30	PV2 BPSK	1	1	24.57	24.62	24.56	25.0
Channel				516000	519000	522000	
Frequency (MHz)				2590	2595	2610	MPR (dB)
20	PV2 BPSK	1	1	24.50	24.54	24.55	25.0
Channel				515502	518000	522498	
Frequency (MHz)				2577.51	2595	2612.49	MPR (dB)
15	PV2 BPSK	1	1	24.34	24.61	24.46	25.0
Channel				518004	518000	522996	
Frequency (MHz)				2575.02	2595	2614.98	MPR (dB)
10	PV2 BPSK	1	1	24.41	24.65	24.41	25.0

n38_Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	
Channel				518004	519000	519996	
Frequency (MHz)				2593.02	2595	2599.98	
40	PV2 BPSK	1	1	24.59	24.55	24.49	
40	PV2 BPSK	1	53	24.53	24.54	24.49	25.5
40	PV2 BPSK	1	104	24.60	24.49	24.56	
40	PV2 BPSK	50	0	24.41	24.45	24.36	25.0
40	PV2 BPSK	50	26	24.57	24.58	24.55	25.5
40	PV2 BPSK	50	56	24.31	24.33	24.27	
40	PV2 BPSK	100	0	23.91	23.94	23.92	25.0
40	QPSK	1	1	24.49	24.52	24.46	
40	QPSK	1	53	24.20	24.29	24.11	25.5
40	QPSK	1	104	23.99	24.03	23.91	
40	QPSK	50	0	23.39	23.55	23.38	
40	QPSK	50	26	24.14	24.24	24.16	25.5
40	QPSK	50	56	23.36	23.46	23.23	
40	QPSK	100	0	23.30	23.41	23.25	24.5
40	16QAM	1	1	23.29	23.43	23.25	24.5
40	256QAM	1	1	22.22	22.20	22.06	22.0
40	256QAM	1	1	19.93	20.02	19.79	21.0
Channel				517002	519000	520998	
Frequency (MHz)				2593.01	2595	2604.99	MPR (dB)
30	PV2 BPSK	1	1	24.40	24.53	24.30	25.5
Channel				516000	519000	522000	
Frequency (MHz)				2590	2595	2610	MPR (dB)
20	PV2 BPSK	1	1	24.42	24.47	24.39	25.5
Channel				515502	519000	522498	
Frequency (MHz)				2577.51	2595	2612.49	MPR (dB)
15	PV2 BPSK	1	1	24.53	24.63	24.46	25.5
Channel				518004	518000	522996	
Frequency (MHz)				2575.02	2595	2614.98	MPR (dB)
10	PV2 BPSK	1	1	24.46	24.53	24.39	25.5

n41_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (MHz)	Power Mid Ch. (MHz)	Power High Ch. (MHz)	
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2552.99	2640	
100	PV2 BPSK	1	1	24.11	24.25	24.13	
100	PV2 BPSK	1	137	24.07	24.08	24.00	25.0
100	PV2 BPSK	1	271	24.10	24.12	24.02	
100	PV2 BPSK	135	0	23.71	23.69	23.80	24.5
100	PV2 BPSK	135	69	24.02	24.17	24.03	25.0
100	PV2 BPSK	135	135	23.58	23.61	23.51	
100	PV2 BPSK	270	0	23.62	23.63	23.50	24.5
100	QPSK	1	1	24.08	24.19	24.14	
100	QPSK	1	137	24.07	24.13	24.02	25.0
100	QPSK	1	271	24.03	24.14	24.03	
100	QPSK	135	0	23.00	23.03	23.02	
100	QPSK	135	69	24.00	24.12	23.95	25.0
100	QPSK	135	135	22.99	23.04	23.05	
100	QPSK	270	0	22.93	23.07	22.96	24.0
100	16QAM	1	1	23.29	23.31	23.19	24.0
100	16QAM	1	1	21.84	21.88	21.82	22.5
100	256QAM	1	1	19.52	19.68	19.62	20.5
Channel				508200	518598	528996	
Frequency (MHz)				2541	2552.99	2644.98	
90	PV2 BPSK	1	1	24.18	24.23	24.06	25.0
Channel				507204	518598	528996	
Frequency (MHz)				2536.02	2552.99	2649.99	
80	PV2 BPSK	1	1	24.13	24.19	24.17	25.0
Channel				506202	518598	531000	
Frequency (MHz)				2631.01	2552.99	2655	
70	PV2 BPSK	1	1	24.19	24.22	24.15	25.0
Channel				505200	518598	531996	
Frequency (MHz)				2626	2552.99	2659.98	
60	PV2 BPSK	1	1	24.19	24.22	24.13	25.0
Channel				504204	518598	532998	
Frequency (MHz)				2613.00	2552.99	2664.99	
50	PV2 BPSK	1	1	24.12	24.23	24.17	25.0
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2552.99	2670	
40	PV2 BPSK	1	1	24.13	24.17	24.09	25.0
Channel				502200	518598	534996	
Frequency (MHz)				2511	2552.99	2674.98	
30	PV2 BPSK	1	1	24.22	24.24	24.08	25.0
Channel				510204	518598	535996	
Frequency (MHz)				2806.02	2552.99	2679.99	
20	PV2 BPSK	1	1	24.17	24.16	24.06	25.0

n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dB)	MPR (dB)	
Channel									
Frequency (MHz)				264.01	269.99	264.01			
100	PI2 BPSK	1	1	24.45	24.54	24.21			
100	PI2 BPSK	1	137	24.33	24.40	24.11	25.5	0.0	
100	PI2 BPSK	1	271	24.25	24.24	24.21			
100	PI2 BPSK	135	0	23.89	23.86	23.79	25.0	0.5	
100	PI2 BPSK	135	69	24.10	24.25	24.12	25.5	0.0	
100	PI2 BPSK	135	136	23.93	23.92	23.91			
100	PI2 BPSK	270	0	23.68	23.78	23.63	25.0	0.5	
100	QPSK	1	1	24.28	24.36	24.31			
100	QPSK	1	137	24.20	24.23	24.18	25.5	0.0	
100	QPSK	1	271	24.04	24.16	24.10			
100	QPSK	135	0	23.67	23.54	23.66			
100	QPSK	135	69	24.04	24.20	24.12	25.5	0.0	
100	QPSK	135	136	23.58	23.56	23.67			
100	QPSK	270	0	23.03	23.18	23.03	24.5	1.0	
100	16QAM	1	1	23.56	23.67	23.51	24.5	1.0	
100	64QAM	1	1	23.90	22.03	21.94	23.0	2.5	
100	256QAM	1	1	19.79	19.82	19.83	21.0	4.5	
Channel									
Frequency (MHz)				508200	518998	528998	Tune-up Int. (dB)	MPR (dB)	
50	PI2 BPSK	1	1	24.41	24.48	24.26	25.5	0.0	
Channel									
Frequency (MHz)				507204	518998	528998	Tune-up Int. (dB)	MPR (dB)	
80	PI2 BPSK	1	1	24.17	24.49	24.24	25.5	0.0	
Channel									
Frequency (MHz)				508202	518998	531000	Tune-up Int. (dB)	MPR (dB)	
70	PI2 BPSK	1	1	2531.01	2592.99	2655	25.5	0.0	
Channel									
Frequency (MHz)				508200	518998	534000	Tune-up Int. (dB)	MPR (dB)	
60	PI2 BPSK	1	1	24.44	24.42	24.24	25.5	0.0	
Channel									
Frequency (MHz)				504204	518998	532998	Tune-up Int. (dB)	MPR (dB)	
50	PI2 BPSK	1	1	24.37	24.44	24.32	25.5	0.0	
Channel									
Frequency (MHz)				503202	518998	534000	Tune-up Int. (dB)	MPR (dB)	
40	PI2 BPSK	1	1	24.16	24.42	24.20	25.5	0.0	
Channel									
Frequency (MHz)				502200	518998	534998	Tune-up Int. (dB)	MPR (dB)	
30	PI2 BPSK	1	1	2511	2592.99	2674.98	25.5	0.0	
Channel									
Frequency (MHz)				501204	518998	535998	Tune-up Int. (dB)	MPR (dB)	
20	PI2 BPSK	1	1	24.00	24.00	24.00	25.5	0.0	
20	PI2 BPSK	1	1	24.38	24.42	24.32	25.5	0.0	

Part27Q n78_Ant 4 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633001	633334	633666			
100	PI2 BPSK	1	1	23.92					
100	PI2 BPSK	1	137	23.81			25.5		0.0
100	PI2 BPSK	1	271	23.70					
100	PI2 BPSK	135	0	23.79			25.5		0.0
100	PI2 BPSK	135	69	23.85			25.5		0.0
100	PI2 BPSK	135	136	23.73			25.5		0.0
100	PI2 BPSK	270	0	23.85					
100	QPSK	1	1	23.81					
100	QPSK	1	137	23.70			25.5		0.0
100	QPSK	1	271	23.77					
100	QPSK	135	0	23.78					
100	QPSK	135	69	23.83			25.5		0.0
100	QPSK	135	136	23.76					
100	QPSK	270	0	23.76			25.5		0.0
100	16QAM	1	1	23.86			25.5		0.0
100	64QAM	1	1	22.32			24.0		1.5
100	256QAM	1	1	20.79			22.0		3.5
Channel									
Frequency (MHz)				633000	633334	633666	Tune-up Int. (dB)	MPR (dB)	
90	PI2 BPSK	1	1	23.65	23.70	23.63	25.5		0.0
Channel									
Frequency (MHz)				632668	633334	634000	Tune-up Int. (dB)	MPR (dB)	
80	PI2 BPSK	1	1	23.82	23.73	23.78	25.0		0.0
Channel									
Frequency (MHz)				632334	633334	634332	Tune-up Int. (dB)	MPR (dB)	
70	PI2 BPSK	1	1	23.65	3500.01	3514.98	25.5		0.0
Channel									
Frequency (MHz)				632000	633334	634000	Tune-up Int. (dB)	MPR (dB)	
60	PI2 BPSK	1	1	23.62	23.63	23.79	25.5		0.0
Channel									
Frequency (MHz)				631668	633334	635000	Tune-up Int. (dB)	MPR (dB)	
50	PI2 BPSK	1	1	23.72	23.82	23.72	25.5		0.0
Channel									
Frequency (MHz)				631334	633334	635332	Tune-up Int. (dB)	MPR (dB)	
40	PI2 BPSK	1	1	23.60	23.61	23.62	25.5		0.0
Channel									
Frequency (MHz)				631000	633334	635666	Tune-up Int. (dB)	MPR (dB)	
30	PI2 BPSK	1	1	23.66	23.69	23.64	25.5		0.0
Channel									
Frequency (MHz)				630668	633334	635998	Tune-up Int. (dB)	MPR (dB)	
20	PI2 BPSK	1	1	23.65	23.67	23.79	25.5		0.0
Channel									
Frequency (MHz)				630334	633334	636332	Tune-up Int. (dB)	MPR (dB)	
15	PI2 BPSK	1	1	23.63	23.65	23.78	25.5		0.0
Channel									
Frequency (MHz)				630000	633334	636666	Tune-up Int. (dB)	MPR (dB)	
10	PI2 BPSK	1	1	23.65	23.70	23.74	25.5		0.0

Part27O n78_Ant 4 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				649668	650000	650332	Tune-up Int. (dB)	MPR (dB)	
100	PI2 BPSK	1	1	23.80	23.80	23.76	25.5	0.0	
100	PI2 BPSK	1	137	23.79			25.5	0.0	
100	PI2 BPSK	1	271	23.77					
100	PI2 BPSK	135	0	23.81			25.5	0.0	
100	PI2 BPSK	135	69	23.84			25.5	0.0	
100	PI2 BPSK	135	136	23.80			25.5	0.0	
100	PI2 BPSK	270	0	23.76					
100	QPSK	1	1	23.81					
100	QPSK	1	137	23.78			25.5	0.0	
100	QPSK	1	271	23.80					
100	QPSK	135	0	23.78					
100	QPSK	135	69	23.78			25.5	0.0	
100	QPSK	135	136	23.78					
100	QPSK	270	0	23.89			25.5	0.0	
100	16QAM	1	1	23.88			25.5	0.0	
100	64QAM	1	1	22.33			24.0	1.5	
100	256QAM	1	1	20.15			22.0	3.5	
Channel									
Frequency (MHz)				649668	650000	650332	Tune-up Int. (dB)	MPR (dB)	
90	PI2 BPSK	1	1	23.69	23.80	23.76	25.5	0.0	
Channel									
Frequency (MHz)				649334	650000	650666	Tune-up Int. (dB)	MPR (dB)	
80	PI2 BPSK	1	1	23.68	23.76	23.80	25.5	0.0	
Channel									
Frequency (MHz)				649000	650000	651000	Tune-up Int. (dB)	MPR (dB)	
70	PI2 BPSK	1	1	23.72	23.77	23.77	25.5	0.0	
Channel									
Frequency (MHz)				648666	650000	651332	Tune-up Int. (dB)	MPR (dB)	
60	PI2 BPSK	1	1	23.70	23.75	23.78	25.5	0.0	
Channel									
Frequency (MHz)				648332	650000	651668	Tune-up Int. (dB)	MPR (dB)	
50	PI2 BPSK	1	1	23.69	23.73	23.78	25.5	0.0	
Channel									
Frequency (MHz)				647998	650000	652002	Tune-up Int. (dB)	MPR (dB)	
40	PI2 BPSK	1	1	23.78	23.86	23.74	25.5	0.0	
Channel									
Frequency (MHz)				647668	650000	652332	Tune-up Int. (dB)	MPR (dB)	
30	PI2 BPSK	1	1	23.78	23.78	23.82	25.5	0.0	
Channel									
Frequency (MHz)				647334	650000	652666	Tune-up Int. (dB)	MPR (dB)	
20	PI2 BPSK	1	1	23.79	23.81	23.79	25.5	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up Int. (dB)	MPR (dB)	
15	PI2 BPSK	1	1	23.81	23.77	23.82	25.5	0.0	
Channel									
Frequency (MHz)				646666	650000	653332	Tune-up Int. (dB)	MPR (dB)	
10	PI2 BPSK	1	1	23.69	23.85	23.88	25.5	0.0	

Part27Q n78_Ant 5 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mide Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.41	63300.1				
100	P12 BPSK	1	137	24.39			25.7	0.0	
100	P12 BPSK	1	271	24.19					
100	P12 BPSK	135	0	24.38			25.7	0.0	
100	P12 BPSK	135	69	24.41			25.7	0.0	
100	P12 BPSK	135	138	24.23			25.7	0.0	
100	P12 BPSK	270	0	24.38					
100	QPSK	1	1	24.30					
100	QPSK	1	137	24.21			25.7	0.0	
100	QPSK	1	271	24.23					
100	QPSK	135	0	24.23			25.7	0.0	
100	QPSK	135	69	24.28					
100	QPSK	135	138	24.27			25.7	0.0	
100	QPSK	270	0	24.29			25.7	0.0	
100	16QAM	1	1	24.32			25.7	0.0	
100	64QAM	1	1	23.48			25.2	0.5	
100	256QAM	1	1	21.82			23.2	2.5	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	63300	63334	63366	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	63462	63434	63400	Tune-up limit (dBm)		MPR (dB)
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	63457	63450	63442	25.7	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	63452	63503	63443	25.7	0.0	

Part270 n78_Ant 5 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.24	24.44		25.7	0.0	
100	P12 BPSK	1	137	24.31	24.38		25.7	0.0	
100	P12 BPSK	1	271	24.28	24.31		25.7	0.0	
100	P12 BPSK	135	0	24.31	24.33		25.7	0.0	
100	P12 BPSK	135	69	24.38	24.39		25.7	0.0	
100	P12 BPSK	135	138	24.21	24.21		25.7	0.0	
100	P12 BPSK	270	0	24.37	24.37		25.7	0.0	
100	QPSK	1	1	24.25	24.25				
100	QPSK	1	137	24.26	24.26		25.7	0.0	
100	QPSK	1	271	24.41	24.41				
100	QPSK	135	0	24.41	24.41		25.7	0.0	
100	QPSK	135	69	24.33	24.33				
100	QPSK	135	138	24.29	24.29		25.7	0.0	
100	QPSK	270	0	24.25	24.25		25.7	0.0	
100	16QAM	1	1	24.30	24.30		25.7	0.0	
100	64QAM	1	1	23.86	23.86		25.2	0.5	
100	256QAM	1	1	21.94	21.94		23.2	2.5	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	24.28	24.34	24.42	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	24.24	24.43	24.43	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	24.10	24.21	24.16	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	24.12	24.28	24.28	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.25	24.26	24.23	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.27	24.36	24.33	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	24.33	24.30	24.35	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.29	24.42	24.31	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	24.32	24.30	24.32	25.7	0.0	MPR (dB)
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	24.44	24.41	24.46	25.7	0.0	MPR (dB)

Part27Q n78_Ant 6 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.45	24.45				
100	P12 BPSK	1	137	24.35			25.5	0.0	
100	P12 BPSK	1	271	24.34					
100	P12 BPSK	135	0	24.42			25.5	0.0	
100	P12 BPSK	135	69	24.46			25.5	0.0	
100	P12 BPSK	135	138	24.39			25.5	0.0	
100	P12 BPSK	270	0	24.43					
100	QPSK	1	1	24.38					
100	QPSK	1	137	24.50			25.5	0.0	
100	QPSK	1	271	24.48					
100	QPSK	135	0	24.49			25.5	0.0	
100	QPSK	135	69	24.44					
100	QPSK	135	138	24.41			25.5	0.0	
100	QPSK	270	0	24.47			25.5	0.0	
100	16QAM	1	1	24.39			25.5	0.0	
100	64QAM	1	1	23.49			25.0	0.5	
100	256QAM	1	1	21.37			23.0	2.5	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	24.44	24.54	24.48	25.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	24.51	24.40	24.45	25.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	24.47	24.41	24.43	25.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	24.46	24.43	24.48	25.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.42	24.48	24.54	25.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.39	24.50	24.32	25.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	24.43	24.46	24.48	25.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.38	24.44	24.53	25.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	24.44	24.50	24.44	25.5	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	24.50	24.40	24.51	25.5	0.0	

Part270 n78_Ant 6 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3740	24.52				
100	Pi2 BPSK	1	137	24.48			25.5	0.0	
100	Pi2 BPSK	1	271	24.41					
100	Pi2 BPSK	135	0	24.46			25.5	0.0	
100	Pi2 BPSK	135	69	24.49			25.5	0.0	
100	Pi2 BPSK	135	138	24.28			25.5	0.0	
100	Pi2 BPSK	270	0	24.48					
100	QPSK	1	1	24.43					
100	QPSK	1	137	24.44			25.5	0.0	
100	QPSK	1	271	24.46					
100	QPSK	135	0	24.48					
100	QPSK	135	69	24.41			25.5	0.0	
100	QPSK	135	138	24.34					
100	QPSK	270	0	24.51			25.5	0.0	
100	16QAM	1	1	24.47			25.5	0.0	
100	64QAM	1	1	23.64			25.0	0.5	
100	256QAM	1	1	21.46			23.0	2.5	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	646668	650000	650332	MPR		
				3740.02	3750	3764.98	limit (dB)		
50	Pi2 BPSK	1	1	24.49	24.49	24.50	25.5	0.0	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	648334	650000	650966	MPR		
				3740.01	3750	3769.99	limit (dB)		
80	Pi2 BPSK	1	1	24.36	24.39	24.39	25.5	0.0	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	648000	650000	651000	MPR		
				3735	3750	3765	limit (dB)		
70	Pi2 BPSK	1	1	24.48	24.45	24.44	25.5	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	647668	650000	651668	MPR		
				3730.02	3750	3769.98	limit (dB)		
60	Pi2 BPSK	1	1	24.41	24.49	24.30	25.5	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	648000	650000	652000	MPR		
				3740.01	3750	3764.99	limit (dB)		
50	Pi2 BPSK	1	1	24.44	24.40	24.36	25.5	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	647668	650000	652332	MPR		
				3735.02	3750	3764.98	limit (dB)		
40	Pi2 BPSK	1	1	24.47	24.49	24.43	25.5	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	647668	650000	652668	MPR		
				3735.02	3750	3764.98	limit (dB)		
30	Pi2 BPSK	1	1	24.41	24.48	24.47	25.5	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	647168	650000	652992	MPR		
				3730.01	3750	3769.99	limit (dB)		
20	Pi2 BPSK	1	1	24.35	24.42	24.33	25.5	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	647000	650000	653000	MPR		
				3725	3750	3765	limit (dB)		
15	Pi2 BPSK	1	1	24.34	24.46	24.40	25.5	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	646500	650000	653500	MPR		
				3720	3750	3760	limit (dB)		
10	Pi2 BPSK	1	1	24.34	24.52	24.38	25.5	0.0	

Part27Q n78_Ant 7 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3080.01					
100	Pi2 BPSK	1	1	24.00					
100	Pi2 BPSK	1	137	23.98			25.5	0.0	
100	Pi2 BPSK	1	271	23.82					
100	Pi2 BPSK	135	0	24.05			25.5	0.0	
100	Pi2 BPSK	135	69	24.06			25.5	0.0	
100	Pi2 BPSK	135	138	23.92			25.5	0.0	
100	Pi2 BPSK	270	0	24.01					
100	QPSK	1	1	24.00					
100	QPSK	1	137	23.85			25.5	0.0	
100	QPSK	1	271	23.98					
100	QPSK	135	0	24.06					
100	QPSK	135	69	23.86			25.5	0.0	
100	QPSK	135	138	23.73					
100	QPSK	270	0	24.05			25.5	0.0	
100	16QAM	1	1	23.92			25.5	0.0	
100	64QAM	1	1	22.41			24.0	1.5	
100	256QAM	1	1	20.59			22.0	3.5	
Channel									
Frequency (MHz)				633000	633334	633666	MPR		
				3485	3500.01	3524.99	limit (dB)		
90	Pi2 BPSK	1	1	23.97	23.94	23.95	25.5	0.0	
Channel									
Frequency (MHz)				632668	633334	634000	MPR		
				3490.02	3500.01	3510	limit (dB)		
80	Pi2 BPSK	1	1	23.81	23.89	23.83	25.5	0.0	
Channel									
Frequency (MHz)				632334	633334	634332	MPR		
				3485.01	3500.01	3514.98	limit (dB)		
70	Pi2 BPSK	1	1	23.87	23.95	24.00	25.5	0.0	
Channel									
Frequency (MHz)				632000	633334	634666	MPR		
				3480	3500.01	3519.99	limit (dB)		
60	Pi2 BPSK	1	1	24.02	24.05	23.91	25.5	0.0	
Channel									
Frequency (MHz)				631668	633334	635000	MPR		
				3475.02	3500.01	3524.99	limit (dB)		
50	Pi2 BPSK	1	1	23.99	23.95	24.04	25.5	0.0	
Channel									
Frequency (MHz)				631334	633334	635332	MPR		
				3470.01	3500.01	3529.98	limit (dB)		
40	Pi2 BPSK	1	1	23.85	23.93	23.85	25.5	0.0	
Channel									
Frequency (MHz)				631000	633334	635666	MPR		
				3465	3500.01	3534.98	limit (dB)		
30	Pi2 BPSK	1	1	23.92	24.01	23.95	25.5	0.0	
Channel									
Frequency (MHz)				630668	633334	636000	MPR		
				3460.02	3500.01	3540	limit (dB)		
20	Pi2 BPSK	1	1	23.87	23.99	23.94	25.5	0.0	
Channel									
Frequency (MHz)				630334	633334	636332	MPR		
				3455.01	3500.01	3544.98	limit (dB)		
15	Pi2 BPSK	1	1	23.79	23.89	23.86	25.5	0.0	
Channel									
Frequency (MHz)				630000	633334	636666	MPR		
				3450	3500.01	3544.98	limit (dB)		
10	Pi2 BPSK	1	1	23.78	23.97	23.87	25.5	0.0	

Part27O n78_Ant 7 PC3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3750	23.92				
100	Pi2 BPSK	1	137	23.89			25.5	0.0	
100	Pi2 BPSK	1	271	23.89					
100	Pi2 BPSK	135	0	23.88			25.6	0.0	
100	Pi2 BPSK	135	66	23.88			25.5	0.0	
100	Pi2 BPSK	135	138	23.75					
100	Pi2 BPSK	270	0	23.91			25.5	0.0	
100	QPSK	1	1	23.89					
100	QPSK	1	137	23.75			25.5	0.0	
100	QPSK	1	271	23.88					
100	QPSK	135	0	23.83					
100	QPSK	135	66	23.86					
100	QPSK	135	138	23.90			25.5	0.0	
100	QPSK	270	0	23.86			25.5	0.0	
100	16QAM	1	1	23.88			25.5	0.0	
100	16QAM	1	137	22.50					
100	256QAM	1	1	20.99			22.0	3.5	
Channel									
Frequency (MHz)				66568	65000	65032	Tune-up limit (dBm)	MPR (dB)	
90	Pi2 BPSK	1	1	23.87	23.71	23.65	25.5	0.0	
Channel									
Frequency (MHz)				669334	65000	65066	Tune-up limit (dBm)	MPR (dB)	
80	Pi2 BPSK	1	1	3740.01	3750	3750.99	25.5	0.0	
Channel									
Frequency (MHz)				669334	65000	65100	Tune-up limit (dBm)	MPR (dB)	
70	Pi2 BPSK	1	1	3735	3750	3765	25.5	0.0	
Channel									
Frequency (MHz)				23.78	23.67	23.80	25.5	0.0	
60	Pi2 BPSK	1	1	669334	65000	65132	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3730.02	3750	3769.98	25.5	0.0	
60	Pi2 BPSK	1	1	23.71	23.78	23.77	25.5	0.0	
Channel									
Frequency (MHz)				669334	65000	65166	Tune-up limit (dBm)	MPR (dB)	
50	Pi2 BPSK	1	1	3725.01	3750	3774.99	25.5	0.0	
Channel									
Frequency (MHz)				23.78	23.77	23.65	25.5	0.0	
40	Pi2 BPSK	1	1	669000	65000	65000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3722.01	3750	3764	25.5	0.0	
40	Pi2 BPSK	1	1	23.73	23.78	23.90	25.5	0.0	
Channel									
Frequency (MHz)				667668	65000	65232	Tune-up limit (dBm)	MPR (dB)	
30	Pi2 BPSK	1	1	3761.02	3750	3764.98	25.5	0.0	
Channel									
Frequency (MHz)				23.65	23.69	23.62	25.5	0.0	
Channel									
Frequency (MHz)				667324	65000	65266	Tune-up limit (dBm)	MPR (dB)	
20	Pi2 BPSK	1	1	3710.01	3750	3769.99	25.5	0.0	
Channel									
Frequency (MHz)				23.74	23.78	23.70	25.5	0.0	
15	Pi2 BPSK	1	1	667668	65000	65266	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3707.02	3750	3762.98	25.5	0.0	
15	Pi2 BPSK	1	1	23.71	23.79	23.93	25.5	0.0	
Channel									
Frequency (MHz)				667000	65000	65300	Tune-up limit (dBm)	MPR (dB)	
10	Pi2 BPSK	1	1	3705	3750	3795	25.5	0.0	
10	Pi2 BPSK	1	1	23.87	23.85	23.80	25.5	0.0	

Reduced DS11 Power for EN-DC NR Main PA

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low		Power Mode		Power High	
				Ch / Freq	Ch / Freq	Ch / Freq	Ch / Freq	Ch / Freq	Ch / Freq
Channel				166800	167300	167800		Turn-up (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	836	838		
20	P12 BPSK	1	1	24.43	24.58	24.33			
20	P12 BPSK	1	53	24.41	24.42	24.30		25.5	0.0
20	P12 BPSK	1	104	24.34	24.31	24.31			
20	P12 BPSK	50	0	24.08	24.32	24.06		25.0	0.5
20	P12 BPSK	50	28	24.35	24.60	24.28		25.5	0.0
20	P12 BPSK	50	56	23.09	23.05	24.06			
20	P12 BPSK	100	0	24.17	24.48	24.23		25.0	0.5
20	QPSK	1	1	24.27	24.33	24.23			
20	QPSK	1	53	24.35	24.37	24.30		25.5	0.0
20	QPSK	1	104	24.30	24.41	24.27			
20	QPSK	50	0	23.26	23.32	23.14		24.5	1.0
20	QPSK	50	28	24.15	24.32	24.08		25.5	0.0
20	QPSK	50	56	23.77	23.91	23.76		24.5	1.0
20	QPSK	100	0	23.36	23.68	23.46			
20	16QAM	1	1	22.90	22.94	22.87		24.5	1.0
20	64QAM	1	1	21.93	21.92	21.88		23.0	2.5
20	256QAM	1	1	19.81	19.89	19.80		21.0	4.5
Channel				166300	167300	168300		Turn-up (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5			
15	P12 BPSK	1	1	24.38	24.55	24.26		25.5	0.0
Channel				166800	167300	168800		Turn-up (dBm)	MPR (dB)
Frequency (MHz)				836	836.5	844			
10	P12 BPSK	1	1	24.42	24.56	24.35		25.5	0.0
Channel				166300	167300	169300		Turn-up (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5			
5	P12 BPSK	1	1	24.40	24.55	24.22		25.0	0.0

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Turn-up limit (dBm)	MPR (dB)
				Low Ch./Freq.	High Ch./Freq.	Low Ch./Freq.	High Ch./Freq.		
Channel				166800	167300	167300	167800		
Frequency (MHz)				834	836.5	836	838		
20	P12 BPSK	1	1	20.61	20.75	20.60			
20	P12 BPSK	1	53	20.50	20.61	20.62	21.5	0.0	
20	P12 BPSK	1	104	20.52	20.60	20.51			
20	P12 BPSK	50	0	20.67	20.60	20.63	21.5	0.0	
20	P12 BPSK	50	28	20.54	20.71	20.58	21.5	0.0	
20	P12 BPSK	50	56	20.61	20.55	20.51	21.5	0.0	
20	P12 BPSK	100	0	20.65	20.70	20.60			
20	QPSK	1	1	20.65	20.68	20.45			
20	QPSK	1	53	20.51	20.62	20.54	21.5	0.0	
20	QPSK	1	104	20.51	20.64	20.50			
20	QPSK	50	0	20.67	20.64	20.60	21.5	0.0	
20	QPSK	50	28	20.53	20.66	20.55	21.5	0.0	
20	QPSK	50	56	20.48	20.58	20.43	21.5	0.0	
20	QPSK	100	0	20.54	20.69	20.58			
20	16QAM	1	1	20.60	20.62	20.57	21.5	0.0	
20	64QAM	1	1	20.43	20.49	20.37	21.5	0.0	
20	256QAM	1	1	19.68	19.78	19.77	21.0	0.5	
Channel				166300	167300	168300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5			
15	P12 BPSK	1	1	20.49	20.66	20.47	21.5	0.0	
Channel				166800	167300	168800		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				836	836.5	844			
10	P12 BPSK	1	1	20.62	20.72	20.52	21.5	0.0	
Channel				166300	167300	169300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5			
5	P12 BPSK	1	1	20.53	20.72	20.55	21.5	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Turn-up limit (dBm)	MPR (dB)
				Low Ch./ Freq.	High Ch./ Freq.	Low Ch./ Freq.	High Ch./ Freq.		
Channel				504000	507000	510000			
Frequency (MHz)				2432	2435	2436			
40	P12 BPSK	1	1	24.31	24.33	24.25			
40	P12 BPSK	1	108	24.31	24.28	24.21		25.5	0.0
40	P12 BPSK	1	214	24.12	24.04	24.14			
40	P12 BPSK	108	0	24.15	24.18	23.94		25.0	0.5
40	P12 BPSK	108	54	24.15	24.27	24.15		25.5	0.0
40	P12 BPSK	108	108	24.08	24.18	24.01		25.0	0.5
40	P12 BPSK	216	0	24.15	24.21	24.11			
40	QPSK	1	1	24.11	24.31	24.16			
40	QPSK	1	108	24.10	24.21	24.17		25.5	0.0
40	QPSK	1	214	24.21	24.28	24.13			
40	QPSK	108	0	23.98	23.96	23.99		24.5	1.0
40	QPSK	108	54	24.07	24.11	24.02		25.5	0.0
40	QPSK	108	108	23.85	23.63	23.85		24.5	1.0
40	QPSK	216	0	23.88	23.71	23.84			
40	16QAM	1	1	23.99	24.01	23.86		24.5	1.0
40	64QAM	1	1	22.34	22.43	22.28		23.0	2.5
40	256QAM	1	1	20.19	20.19	20.16		21.0	4.5
Channel				503000	507000	511000		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2436	2438	2440			
30	P12 BPSK	1	1	24.26	24.21	24.19		25.5	0.0
Channel				502500	507000	511500		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2432.5	2433	2432.5			
25	P12 BPSK	1	1	24.20	24.29	24.17		25.5	0.0
Channel				502000	507000	512000		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2430	2435	2435			
20	P12 BPSK	1	1	24.20	24.32	24.11		25.5	0.0
Channel				501500	507000	512500		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2407.5	2435	2462.5			
15	P12 BPSK	1	1	24.30	24.31	24.19		25.5	0.0
Channel				501000	507000	513000		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2395	2435	2465			
10	P12 BPSK	1	1	24.27	24.26	24.27		25.5	0.0
Channel				500500	507000	513500		Turn-up limit (dBm)	MPR (dB)
Frequency (MHz)				2402.5	2435	2467.5			
5	P12 BPSK	1	1	24.28	24.30	24.27		25.5	0.0

n7_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	18.28	18.40	18.29	18.7	0.0	
40	PI2 BPSK	1	108	18.35	18.32	18.16			
40	PI2 BPSK	1	214	18.26	18.19	18.23	18.7	0.0	
40	PI2 BPSK	108	0	18.21	18.20	18.08			
40	PI2 BPSK	108	54	18.06	18.22	18.11	18.7	0.0	
40	PI2 BPSK	108	108	18.22	18.09	18.05			
40	PI2 BPSK	216	0	18.18	18.20	18.19	18.7	0.0	
40	QPSK	1	1	18.23	18.33	18.26			
40	QPSK	1	108	18.15	18.18	18.17	18.7	0.0	
40	QPSK	1	214	18.05	18.10	18.11			
40	QPSK	108	0	18.12	18.20	18.16	18.7	0.0	
40	QPSK	108	54	18.19	18.17	18.06			
40	QPSK	108	108	18.12	18.08	18.15	18.7	0.0	
40	QPSK	216	0	18.22	18.15	18.12			
40	16QAM	1	1	18.23	18.20	18.16	18.7	0.0	
40	64QAM	1	1	18.17	18.17	18.16			
40	256QAM	1	1	18.22	18.26	18.18	18.7	0.0	
Channel				503000	507000	511000			
Frequency (MHz)				2515 <th>2535<th>2555</th><th colspan="3"></th></th>	2535 <th>2555</th> <th colspan="3"></th>	2555			
30	PI2 BPSK	1	1	18.16	18.37	18.19	18.7	0.0	
Channel				502600	507000	511900			
Frequency (MHz)				2512.5 <th>2535<th>2557.5</th><th colspan="3"></th></th>	2535 <th>2557.5</th> <th colspan="3"></th>	2557.5			
25	PI2 BPSK	1	1	18.25	18.33	18.20	18.7	0.0	
Channel				502000	507000	512000			
Frequency (MHz)				2510 <th>2535<th>2560</th><th colspan="3"></th></th>	2535 <th>2560</th> <th colspan="3"></th>	2560			
20	PI2 BPSK	1	1	18.20	18.30	18.36	18.7	0.0	
Channel				501500	507000	512500			
Frequency (MHz)				2507.5 <th>2535<th>2562.5</th><th colspan="3"></th></th>	2535 <th>2562.5</th> <th colspan="3"></th>	2562.5			
15	PI2 BPSK	1	1	18.16	18.29	18.17	18.7	0.0	
Channel				501000	507000	513000			
Frequency (MHz)				2505 <th>2535<th>2565</th><th colspan="3"></th></th>	2535 <th>2565</th> <th colspan="3"></th>	2565			
10	PI2 BPSK	1	1	18.15	18.36	18.25	18.7	0.0	
Channel				500500	507000	513500			
Frequency (MHz)				2502.5 <th>2535<th>2567.5</th><th colspan="3"></th></th>	2535 <th>2567.5</th> <th colspan="3"></th>	2567.5			
5	PI2 BPSK	1	1	18.20	18.36	18.22	18.7	0.0	
Channel				500000	507000	514000			
Frequency (MHz)				2500 <th>2535<th>2570</th><th colspan="3"></th></th>	2535 <th>2570</th> <th colspan="3"></th>	2570			

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1765			
40	PI2 BPSK	1	1	23.69	23.81	23.72	24.5	0.0	
40	PI2 BPSK	1	108	23.57	23.74	23.69			
40	PI2 BPSK	1	214	23.49	23.59	23.60	24.0	0.5	
40	PI2 BPSK	108	0	23.64	23.57	23.55			
40	PI2 BPSK	108	54	23.68	23.79	23.60	24.5	0.0	
40	PI2 BPSK	108	108	23.51	23.51	23.39			
40	PI2 BPSK	216	0	23.52	23.74	23.68	24.0	0.5	
40	QPSK	1	1	23.67	23.72	23.72			
40	QPSK	1	108	23.50	23.74	23.55	24.5	0.0	
40	QPSK	1	214	23.63	23.57	23.57			
40	QPSK	108	0	23.57	23.62	23.47	23.5	1.0	
40	QPSK	108	54	23.63	23.67	23.73			
40	QPSK	108	108	23.48	23.48	23.45	23.5	1.0	
40	QPSK	216	0	23.48	23.51	23.52			
40	16QAM	1	1	23.12	23.23	22.96	22.5	1.0	
40	64QAM	1	1	21.76	21.77	21.67			
40	256QAM	1	1	19.64	19.78	19.72	20.0	4.5	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765	MPR (dB)		
30	PI2 BPSK	1	1	23.85	23.79	23.68	24.5	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)		
20	PI2 BPSK	1	1	23.64	23.68	23.65	24.5	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)		
15	PI2 BPSK	1	1	23.67	23.68	23.67	24.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)		
10	PI2 BPSK	1	1	23.76	23.76	23.65	24.5	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)		
5	PI2 BPSK	1	1	23.67	23.71	23.67	24.5	0.0	
Channel				342000	349000	356000			
Frequency (MHz)				1710	1745	1780	Tune-up limit (dBm)		

n66_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI2 BPSK	1	1	16.51	16.51	16.58	18.0	0.0	
40	PI2 BPSK	1	108	16.52	16.50	16.51			
40	PI2 BPSK	1	214	16.54	16.56	16.51	18.0	0.0	
40	PI2 BPSK	108	0	16.38	16.53	16.39			
40	PI2 BPSK	108	54	16.46	16.53	16.47	18.0	0.0	
40	PI2 BPSK	108	108	16.50	16.47	16.52			
40	PI2 BPSK	216	0	16.40	16.42	16.30	18.0	0.0	
40	QPSK	1	1	16.41	16.45	16.41			
40	QPSK	1	108	16.32	16.40	16.42	18.0	0.0	
40	QPSK	1	214	16.45	16.52	16.48			
40	QPSK	108	0	16.46	16.54	16.38	18.0	0.0	
40	QPSK	108	54	16.47	16.54	16.41			
40	QPSK	108	108	16.45	16.59	16.51	18.0	0.0	
40	QPSK	216	0	16.45	16.53	16.43			
40	16QAM	1	1	16.47	16.44	16.42	18.0	0.0	
40	64QAM	1	1	16.34	16.45	16.36			
40	256QAM	1	1	16.41	16.52	16.52	18.0	0.0	
Channel				345000	349000	353000			
Frequency (MHz)				1725	1745	1765			
30	PI2 BPSK	1	1	16.45	16.55	16.51	18.0	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770			
20	PI2 BPSK	1	1	16.43	16.48	16.52	18.0	0.0	
Channel				343500	349000	354500			
Frequency (MHz)				1717.5 <th>1745<th>1772.5<th colspan="3"></th></th></th>	1745 <th>1772.5<th colspan="3"></th></th>	1772.5 <th colspan="3"></th>			
15	PI2 BPSK	1	1	16.48	16.49	16.52	18.0	0.0	
Channel				343000	349000	355000			
Frequency (MHz)				1715 <th>1745<th>1775<th colspan="3"></th></th></th>	1745 <th>1775<th colspan="3"></th></th>	1775 <th colspan="3"></th>			
10	PI2 BPSK	1	1	16.45	16.55	16.48	18.0	0.0	
Channel				342500	349000	355500			
Frequency (MHz)				1712.5 <th>1745<th>1777.5</th><th colspan="3"></th></th>	1745 <th>1777.5</th> <th colspan="3"></th>	1777.5			
5	PI2 BPSK	1	1	16.40	16.48	16.55	18.0	0.0	
Channel				342000	349000	356000			
Frequency (MHz)				1710 <th>1745<th>1780</th><th colspan="3"></th></th>	1745 <th>1780</th> <th colspan="3"></th>	1780			

n38_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	
Channel				518004	519000	519996	
Frequency (MHz)				2592.02	2595	2598.98	
40	PV2 BPSK	1	1	24.44	24.67	24.51	
40	PV2 BPSK	1	53	24.48	24.44	24.47	25.0
40	PV2 BPSK	1	104	24.45	24.53	24.55	
40	PV2 BPSK	50	0	24.37	24.36	24.37	24.5
40	PV2 BPSK	50	26	24.33	24.45	24.38	25.0
40	PV2 BPSK	50	56	24.33	24.33	24.32	
40	PV2 BPSK	100	0	24.12	24.37	24.10	24.5
40	QPSK	1	1	24.44	24.34	24.35	
40	QPSK	1	53	24.39	24.33	24.36	25.0
40	QPSK	1	104	24.41	24.39	24.40	
40	QPSK	50	0	24.39	24.42	24.39	
40	QPSK	50	26	24.39	24.40	24.42	25.0
40	QPSK	50	56	24.34	24.44	24.41	
40	QPSK	100	0	23.43	23.34	23.51	24.0
40	16QAM	1	1	23.84	23.98	23.92	24.0
40	64QAM	1	1	22.50	22.48	22.41	22.5
40	256QAM	1	1	20.49	20.42	20.48	20.5
Channel				517002	519000	520998	MPR (dB)
Frequency (MHz)				2592.01	2595	2598.99	
30	PV2 BPSK	1	1	24.57	24.62	24.56	25.0
Channel				516000	519000	522000	MPR (dB)
Frequency (MHz)				2590	2595	2610	
20	PV2 BPSK	1	1	24.50	24.54	24.55	25.0
Channel				515502	519000	522498	MPR (dB)
Frequency (MHz)				2577.51 <th>2595</th> <th>2612.49</th> <th></th>	2595	2612.49	
15	PV2 BPSK	1	1	24.34	24.61	24.46	25.0
Channel				518004	519000	522996	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98	
10	PV2 BPSK	1	1	24.41	24.65	24.41	25.0

n38_Ant 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	
Channel				518004	519000	519996	
Frequency (MHz)				2590.02	2595	2599.98	
40	PV2 BPSK	1	1	17.11	17.20	17.15	
40	PV2 BPSK	1	53	17.11	17.14	17.05	18.0
40	PV2 BPSK	1	104	17.07	17.13	17.05	
40	PV2 BPSK	50	0	17.03	17.02	16.97	18.0
40	PV2 BPSK	50	26	17.08	17.09	16.98	18.0
40	PV2 BPSK	50	56	17.02	16.99	17.02	
40	PV2 BPSK	100	0	16.96	17.01	17.00	18.0
40	QPSK	1	1	17.13	17.19	17.14	
40	QPSK	1	53	16.95	17.01	17.03	18.0
40	QPSK	1	104	17.08	17.10	17.09	
40	QPSK	50	0	17.07	17.00	16.92	
40	QPSK	50	26	17.05	17.04	16.93	18.0
40	QPSK	50	56	17.04	17.04	16.92	
40	QPSK	100	0	16.95	17.07	17.00	18.0
40	16QAM	1	1	17.00	17.11	17.01	18.0
40	64QAM	1	1	16.95	17.11	16.95	18.0
40	256QAM	1	1	17.01	17.09	17.08	18.0
Channel				517002	519000	520998	MPR (dB)
Frequency (MHz)				2592.01	2595	2598.99	
30	PV2 BPSK	1	1	16.94	17.11	17.05	18.0
Channel				516000	519000	522000	MPR (dB)
Frequency (MHz)				2590	2595	2610	
20	PV2 BPSK	1	1	17.05	17.18	17.09	18.0
Channel				515502	519000	522498	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49	
15	PV2 BPSK	1	1	17.07	17.12	17.08	18.0
Channel				518004	519000	522996	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98	
10	PV2 BPSK	1	1	17.04	17.13	17.12	18.0

n41_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2552.99	2560	
100	PV2 BPSK	1	1	24.11	24.25	24.13	
100	PV2 BPSK	1	137	24.07	24.08	24.00	25.0
100	PV2 BPSK	1	271	24.10	24.12	24.02	
100	PV2 BPSK	135	0	23.71	23.69	23.80	24.0
100	PV2 BPSK	135	69	24.02	24.17	24.03	25.0
100	PV2 BPSK	135	135	23.58	23.61	23.51	
100	PV2 BPSK	270	0	23.62	23.63	23.50	24.0
100	QPSK	1	1	24.08	24.19	24.14	
100	QPSK	1	137	24.07	24.13	24.02	25.0
100	QPSK	1	271	24.03	24.14	24.03	
100	QPSK	135	0	23.00	23.03	23.02	
100	QPSK	135	69	24.00	24.12	23.99	25.0
100	QPSK	135	135	23.02	23.04	23.05	
100	QPSK	270	0	22.95	23.07	22.96	24.0
100	16QAM	1	1	23.25	23.31	23.19	24.0
100	64QAM	1	1	21.54	21.68	21.62	22.5
100	256QAM	1	1	19.52	19.68	19.62	20.5
Channel				508200	518598	528996	
Frequency (MHz)				2541	2552.99	2554.98	
90	PV2 BPSK	1	1	24.18	24.23	24.06	25.0
Channel				507204	518598	528996	
Frequency (MHz)				2536.02	2552.99	2554.98	
80	PV2 BPSK	1	1	24.13	24.19	24.17	25.0
Channel				506200	518598	528996	
Frequency (MHz)				2531.01	2552.99	2556	
70	PV2 BPSK	1	1	24.19	24.22	24.15	25.0
Channel				505200	518598	528996	
Frequency (MHz)				2526	2552.99	2553.98	
60	PV2 BPSK	1	1	24.19	24.22	24.13	25.0
Channel				504204	518598	528996	
Frequency (MHz)				2513.01	2552.99	2554.99	
50	PV2 BPSK	1	1	24.12	24.23	24.17	25.0
Channel				503202	518598	528996	
Frequency (MHz)				2516.01	2552.99	2570	
40	PV2 BPSK	1	1	24.13	24.17	24.05	25.0
Channel				502200	518598	528996	
Frequency (MHz)				2511	2552.99	2574.98	
30	PV2 BPSK	1	1	24.22	24.24	24.08	25.0
Channel				501204	518598	528996	
Frequency (MHz)				2506.02	2552.99	2579.99	
20	PV2 BPSK	1	1	24.17	24.16	24.06	25.0

n41_Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Turn-up time (dB)	MPR (dB)
Channel				509202	518598	528000		
Frequency (MHz)				2548.01	2592.99	2643.01		
100	Pi2 BPSK	1	1	16.50	16.62	16.56		
100	Pi2 BPSK	1	137	16.57	16.56	16.56	18.0	0.0
100	Pi2 BPSK	1	271	16.48	16.53	16.21		
100	Pi2 BPSK	135	0	16.57	16.54	16.54	18.0	0.0
100	Pi2 BPSK	135	69	16.54	16.59	16.50	18.0	0.0
100	Pi2 BPSK	135	136	16.47	16.48	16.30	18.0	0.0
100	Pi2 BPSK	270	0	16.49	16.54	16.38		
100	QPSK	1	1	16.44	16.48	16.55		
100	QPSK	1	137	16.39	16.42	16.28	18.0	0.0
100	QPSK	1	271	16.29	16.40	16.47		
100	QPSK	135	0	16.36	16.36	16.35		
100	QPSK	135	69	16.28	16.39	16.43	18.0	0.0
100	QPSK	135	136	16.29	16.34	16.28		
100	QPSK	270	0	16.23	16.36	16.29	18.0	0.0
100	16QAM	1	1	16.49	16.48	16.39	18.0	0.0
100	64QAM	1	1	16.40	16.41	16.39	18.0	0.0
100	256QAM	1	1	16.41	16.40	16.41	18.0	0.0
Channel				508200	518598	528998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2541.02	2592.99	2643.00		
50	Pi2 BPSK	1	1	16.55	16.52	16.48	18.0	0.0
Channel				507204	518598	528998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2643.99		
80	Pi2 BPSK	1	1	16.53	16.54	16.43	18.0	0.0
Channel				506202	518598	531000	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655.00		
70	Pi2 BPSK	1	1	16.49	16.49	16.47	18.0	0.0
Channel				505200	518598	531998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2526.00	2592.99	2659.98		
60	Pi2 BPSK	1	1	16.55	16.57	16.47	18.0	0.0
Channel				504204	518598	532998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	Pi2 BPSK	1	1	16.57	16.59	16.49	18.0	0.0
Channel				503202	518598	534000	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670.00		
40	Pi2 BPSK	1	1	16.49	16.50	16.48	18.0	0.0
Channel				502200	518598	534998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2511.00	2592.99	2674.98		
30	Pi2 BPSK	1	1	16.53	16.62	16.48	18.0	0.0
Channel				501204	518598	535998	Turn-up time (dB)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	Pi2 BPSK	1	1	16.51	16.55	16.43	18.0	0.0

Part27Q n78_Ant 4 HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dBm)	MPR (dB)
Channel				633061				
Frequency (MHz)				3068.01				
100	Pi2 BPSK	1	1	16.21	16.17	16.17	18.0	0.0
100	Pi2 BPSK	1	137	16.17	16.17	16.17	18.0	
100	Pi2 BPSK	1	271	15.90	15.90	15.90	18.0	
100	Pi2 BPSK	135	0	16.05	16.05	16.05	18.0	0.0
100	Pi2 BPSK	135	69	16.08	16.08	16.08	18.0	0.0
100	Pi2 BPSK	135	136	15.91	15.91	15.91	18.0	0.0
100	Pi2 BPSK	270	0	16.00	16.00	16.00	18.0	0.0
100	QPSK	1	1	16.11	16.11	16.11	18.0	
100	QPSK	1	137	16.12	16.12	16.12	18.0	0.0
100	QPSK	1	271	16.06	16.08	16.08	18.0	
100	QPSK	135	0	16.09	16.09	16.09	18.0	0.0
100	QPSK	135	69	16.02	16.02	16.02	18.0	0.0
100	QPSK	135	136	15.91	15.91	15.91	18.0	0.0
100	QPSK	270	0	16.05	16.05	16.05	18.0	0.0
100	16QAM	1	1	16.15	16.15	16.15	18.0	0.0
100	64QAM	1	1	16.07	16.07	16.07	18.0	0.0
100	256QAM	1	1	16.09	16.09	16.09	18.0	0.0
Channel				633000	633334	633966	18.0	MPR
Frequency (MHz)				3485	3500.01	3504.99	(dB)	
90	Pi2 BPSK	1	1	16.04	16.11	16.09	18.0	
Channel				632668	633334	634000	18.0	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dB)	
80	Pi2 BPSK	1	1	16.10	16.12	16.02	18.0	
Channel				632334	633334	634332	18.0	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dB)	
70	Pi2 BPSK	1	1	16.08	16.17	16.01	18.0	
Channel				632000	633334	634998	18.0	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dB)	
60	Pi2 BPSK	1	1	16.07	16.11	16.10	18.0	
Channel				631668	633334	635000	18.0	MPR
Frequency (MHz)				3475.01	3500.01	3525	(dB)	
50	Pi2 BPSK	1	1	16.11	16.17	16.11	18.0	
Channel				631334	633334	635332	18.0	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dB)	
40	Pi2 BPSK	1	1	16.04	16.09	16.04	18.0	
Channel				631000	633334	635666	18.0	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dB)	
30	Pi2 BPSK	1	1	16.12	16.10	16.10	18.0	
Channel				630668	633334	635998	18.0	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dB)	
20	Pi2 BPSK	1	1	16.13	16.15	16.04	18.0	
Channel				630334	633334	636332	18.0	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dB)	
15	Pi2 BPSK	1	1	16.03	16.08	16.03	18.0	
Channel				630000	633334	636666	18.0	MPR
Frequency (MHz)				3450.01	3500.01	3549.98	(dB)	
10	Pi2 BPSK	1	1	16.13	16.15	16.07	18.0	

Part270 n78_Ant 4 HPUE							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	
Channel				650000	650000	650000	
Frequency (MHz)				3750	3750	3750	
100	Pi2 BPSK	1	1	16.10	16.10	16.10	18.0
100	Pi2 BPSK	1	137	15.86	15.86	15.86	18.0
100	Pi2 BPSK	1	271	15.77	15.77	15.77	18.0
100	Pi2 BPSK	135	0	15.95	15.95	15.95	18.0
100	Pi2 BPSK	135	69	16.06	16.06	16.06	18.0
100	Pi2 BPSK	135	136	15.87	15.87	15.87	18.0
100	Pi2 BPSK	270	0	16.03	16.03	16.03	18.0
100	QPSK	1	1	15.90	15.90	15.90	18.0
100	QPSK	1	137	15.93	15.93	15.93	18.0
100	QPSK	1	271	15.76	15.80	15.80	18.0
100	QPSK	135	0	15.80	15.80	15.80	18.0
100	QPSK	135	69	15.98	15.98	15.98	18.0
100	QPSK	135	136	15.72	15.72	15.72	18.0
100	QPSK	270	0	15.86	15.86	15.86	18.0
100	16QAM	1	1	15.97	15.97	15.97	18.0
100	64QAM	1	1	16.07	16.07	16.07	18.0
100	256QAM	1	1	15.89	15.89	15.89	18.0
Channel				649668	650000	650332	MPR
Frequency (MHz)				3743.02	3750	3757.00	(dB)
90	Pi2 BPSK	1	1	15.93	16.02	15.96	18.0
Channel				649334	650000	650666	MPR
Frequency (MHz)				3740.01	3750	3759.98	(dB)
80	Pi2 BPSK	1	1	16.01	15.99	15.99	18.0
Channel				649000	650000	651000	MPR
Frequency (MHz)				3735	3750	3765 <td>(dB)</td>	(dB)
70	Pi2 BPSK	1	1	16.01	16.06	15.90	18.0
Channel				648668	650000	651332	MPR
Frequency (MHz)				3730.02	3750	3769.98	(dB)
60	Pi2 BPSK	1	1	15.99	16.03	15.96	18.0
Channel				648334	650000	651666	MPR
Frequency (MHz)				3725.01	3750	3764.98	(dB)
50	Pi2 BPSK	1	1	15.95	16.01	16.00	18.0
Channel				648000	650000	652000	MPR
Frequency (MHz)				3720	3750	3780 <td>(dB)</td>	(dB)
40	Pi2 BPSK	1	1	16.01	16.00	15.90	18.0
Channel				647668	650000	652332	MPR
Frequency (MHz)				3715.02	3750	3784.98	(dB)
30	Pi2 BPSK	1	1	16.07	16.06	15.92	18.0
Channel				647334	650000	652666	MPR
Frequency (MHz)				3710.01	3750	3789.98	(dB)
20	Pi2 BPSK	1	1	15.94	16.01	15.92	18.0
Channel				647000	650000	653000	MPR
Frequency (MHz)				3705	3750	3795 <td>(dB)</td>	(dB)
15	Pi2 BPSK	1	1	15.94	15.99	15.91	18.0
Channel				646700	650000	653300	MPR
Frequency (MHz)				3700	3750	3800 <td>(dB)</td>	(dB)
10	Pi2 BPSK	1	1	15.98	16.00	15.91	18.0

Part27Q n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency [MHz]				633000	63333.4	633666			
100	Pi2 BPSK	1	1	14.02					
100	Pi2 BPSK	1	137	14.50			16.0	0.0	
100	Pi2 BPSK	1	271	14.64					
100	Pi2 BPSK	135	0	14.44			16.0	0.0	
100	Pi2 BPSK	135	69	14.56			16.0	0.0	
100	Pi2 BPSK	135	138	14.49			16.0	0.0	
100	Pi2 BPSK	270	0	14.44					
100	QPSK	1	1	14.25					
100	QPSK	1	137	14.56			16.0	0.0	
100	QPSK	1	271	14.56					
100	QPSK	135	0	14.20			16.0	0.0	
100	QPSK	135	69	14.46					
100	QPSK	135	138	14.44					
100	QPSK	270	0	14.43			16.0	0.0	
100	16QAM	1	1	14.49			16.0	0.0	
100	64QAM	1	1	14.20			16.0	0.0	
100	256QAM	1	1	14.20			16.0	0.0	
Channel									
Frequency [MHz]				633000	63333.4	633666	Tune-up limit (dB)	MPR	
90	Pi2 BPSK	1	1	14.54	14.50	14.50	16.0	0.0	
Channel									
Frequency [MHz]				632666	63333.4	634000	Tune-up limit (dB)	MPR	
80	Pi2 BPSK	1	1	14.01	14.02	14.07	16.0	0.0	
Channel									
Frequency [MHz]				3480.02	3500.01	3514.98	Tune-up limit (dB)	MPR	
70	Pi2 BPSK	1	1	14.66	14.63	14.54	16.0	0.0	
Channel									
Frequency [MHz]				632000	63333.4	634666	Tune-up limit (dB)	MPR	
60	Pi2 BPSK	1	1	14.50	14.56	14.55	16.0	0.0	
Channel									
Frequency [MHz]				631666	63333.4	635000	Tune-up limit (dB)	MPR	
50	Pi2 BPSK	1	1	14.52	14.59	14.55	16.0	0.0	
Channel									
Frequency [MHz]				631334	63333.4	635332	Tune-up limit (dB)	MPR	
40	Pi2 BPSK	1	1	14.13	14.43	14.54	16.0	0.0	
Channel									
Frequency [MHz]				631000	63333.4	635666	Tune-up limit (dB)	MPR	
30	Pi2 BPSK	1	1	14.52	14.65	14.56	16.0	0.0	
Channel									
Frequency [MHz]				3480.02	3500.01	3514.98	Tune-up limit (dB)	MPR	
20	Pi2 BPSK	1	1	14.56	14.62	14.50	16.0	0.0	
Channel									
Frequency [MHz]				630500	63333.4	636166	Tune-up limit (dB)	MPR	
15	Pi2 BPSK	1	1	14.58	14.58	14.54	16.0	0.0	
Channel									
Frequency [MHz]				630334	63333.4	636332	Tune-up limit (dB)	MPR	
10	Pi2 BPSK	1	1	14.54	14.64	14.55	16.0	0.0	

Part27O n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				65000	37500				
100	Pi2 BPSK	1	1	14.52					
100	Pi2 BPSK	1	137	14.59			16.0	0.0	
100	Pi2 BPSK	1	271	14.60					
100	Pi2 BPSK	135	0	14.48			16.0	0.0	
100	Pi2 BPSK	135	69	14.05			16.0	0.0	
100	Pi2 BPSK	135	138	14.63			16.0	0.0	
100	Pi2 BPSK	270	0	14.53					
100	QPSK	1	1	14.41					
100	QPSK	1	137	14.51			16.0	0.0	
100	QPSK	1	271	14.58					
100	QPSK	135	0	14.51			16.0	0.0	
100	QPSK	135	69	14.50					
100	QPSK	135	138	14.52					
100	QPSK	270	0	14.41			16.0	0.0	
100	16QAM	1	1	14.53			16.0	0.0	
100	64QAM	1	1	14.50			16.0	0.0	
100	256QAM	1	1	14.37			16.0	0.0	
Channel									
Frequency (MHz)				649668	65000	650332	Tune-up limit (dB)	MPR	
90	Pi2 BPSK	1	1	14.52	14.55	14.54	16.0	0.0	
Channel									
Frequency (MHz)				649334	65000	650666	Tune-up limit (dB)	MPR	
80	Pi2 BPSK	1	1	14.53	14.55	14.55	16.0	0.0	
Channel									
Frequency (MHz)				649000	65000	651000	Tune-up limit (dB)	MPR	
70	Pi2 BPSK	1	1	3735	3750	3765	16.0	0.0	
Channel									
Frequency (MHz)				14.57	14.63	14.56	16.0	0.0	
60	Pi2 BPSK	1	1	648968	65000	651332	Tune-up limit (dB)	MPR	
Channel									
Frequency (MHz)				3735	3750	3765	16.0	0.0	
50	Pi2 BPSK	1	1	14.57	14.61	14.58	16.0	0.0	
Channel									
Frequency (MHz)				648334	65000	651666	Tune-up limit (dB)	MPR	
40	Pi2 BPSK	1	1	14.56	14.56	14.55	16.0	0.0	
Channel									
Frequency (MHz)				647668	65000	652332	Tune-up limit (dB)	MPR	
30	Pi2 BPSK	1	1	14.58	14.63	14.55	16.0	0.0	
Channel									
Frequency (MHz)				647334	65000	652666	Tune-up limit (dB)	MPR	
20	Pi2 BPSK	1	1	14.59	14.61	14.58	16.0	0.0	
Channel									
Frequency (MHz)				647168	65000	652832	Tune-up limit (dB)	MPR	
15	Pi2 BPSK	1	1	14.54	14.58	14.56	16.0	0.0	
Channel									
Frequency (MHz)				647000	65000	653000	Tune-up limit (dB)	MPR	
10	Pi2 BPSK	1	1	14.53	14.60	14.58	16.0	0.0	

Part27Q n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3000.01					
100	Pi2 BPSK	1	1	12.97					
100	Pi2 BPSK	1	137	13.00			14.0		0.0
100	Pi2 BPSK	1	271	12.89					
100	Pi2 BPSK	135	0	12.94			14.0		0.0
100	Pi2 BPSK	135	69	12.97			14.0		0.0
100	Pi2 BPSK	135	138	12.75			14.0		0.0
100	Pi2 BPSK	270	0	12.84					
100	QPSK	1	1	12.93					
100	QPSK	1	137	12.89			14.0		0.0
100	QPSK	1	271	12.92					
100	QPSK	135	0	12.83			14.0		0.0
100	QPSK	135	69	12.90					
100	QPSK	135	138	12.78			14.0		0.0
100	QPSK	270	0	12.90			14.0		0.0
100	16QAM	1	1	12.95			14.0		0.0
100	64QAM	1	1	12.88			14.0		0.0
100	256QAM	1	1	12.84			14.0		0.0
Channel									
Frequency (MHz)				3050.01	30533.4	305666	Tune-up limit (dB)	MPR	
90	Pi2 BPSK	1	1	12.87	12.96	12.85	14.0		0.0
Channel									
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dB)	MPR	
80	Pi2 BPSK	1	1	12.90	12.92	12.87	14.0		0.0
Channel									
Frequency (MHz)				3482.34	3503.34	3542.32	Tune-up limit (dB)	MPR	
70	Pi2 BPSK	1	1	12.91	3505.01	3514.98	14.0		0.0
Channel									
Frequency (MHz)				3486.12	3507.12	3516.92	Tune-up limit (dB)	MPR	
60	Pi2 BPSK	1	1	12.92	12.96	12.84	14.0		0.0
Channel									
Frequency (MHz)				3475.00	3500.01	3519.99	Tune-up limit (dB)	MPR	
50	Pi2 BPSK	1	1	12.92	12.91	12.82	14.0		0.0
Channel									
Frequency (MHz)				3473.34	3503.34	3553.32	Tune-up limit (dB)	MPR	
40	Pi2 BPSK	1	1	12.91	3505.01	3524.99	14.0		0.0
Channel									
Frequency (MHz)				3470.00	3500.01	3524.99	Tune-up limit (dB)	MPR	
30	Pi2 BPSK	1	1	12.91	12.92	12.85	14.0		0.0
Channel									
Frequency (MHz)				3466.66	3503.34	3550.00	Tune-up limit (dB)	MPR	
20	Pi2 BPSK	1	1	12.91	3505.01	3540	14.0		0.0
Channel									
Frequency (MHz)				3465.00	3503.34	3542.49	Tune-up limit (dB)	MPR	
15	Pi2 BPSK	1	1	12.84	12.94	12.89	14.0		0.0
Channel									
Frequency (MHz)				3455.01	3503.34	3544.38	Tune-up limit (dB)	MPR	
10	Pi2 BPSK	1	1	12.85	12.92	12.85	14.0		0.0

Part270 n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	650000	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3745	13.06				
100	Pi2 BPSK	1	137		12.99			14.0	0.0
100	Pi2 BPSK	1	271		12.99				
100	Pi2 BPSK	135	0	12.94				14.0	0.0
100	Pi2 BPSK	135	69	12.96				14.0	0.0
100	Pi2 BPSK	135	138	12.88				14.0	0.0
100	Pi2 BPSK	270	0	12.95					
100	QPSK	1	1	12.93					
100	QPSK	1	137	12.93				14.0	0.0
100	QPSK	1	271	12.82					
100	QPSK	135	0	12.91					
100	QPSK	135	69	13.05				14.0	0.0
100	QPSK	135	138	13.04					
100	QPSK	270	0	13.05				14.0	0.0
100	16QAM	1	1	13.01				14.0	0.0
100	64QAM	1	1	13.02				14.0	0.0
100	256QAM	1	1	12.97				14.0	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	649668	650000	650332		MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3745.02	3750	3754.98		MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	649700	650000	650300		MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	12.87	12.94	12.90		14.0	0.0
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	12.86	12.96	12.91		14.0	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	12.85	12.90	12.86		14.0	0.0
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	12.80	12.89	12.83		14.0	0.0
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	12.81	12.86	12.88		14.0	0.0
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	12.84	12.98	12.92		14.0	0.0
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	12.88	12.98	12.91		14.0	0.0
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	12.92	12.99	12.85		14.0	0.0

Part27Q n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	633334	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3693.01	16.06				
100	Pi2 BPSK	1	137		16.55			18.0	0.0
100	Pi2 BPSK	1	271		16.53				
100	Pi2 BPSK	135	0	16.40				18.0	0.0
100	Pi2 BPSK	135	69	16.43				18.0	0.0
100	Pi2 BPSK	135	138	16.39				18.0	0.0
100	Pi2 BPSK	270	0	16.40					
100	QPSK	1	1	16.45					
100	QPSK	1	137	16.44				18.0	0.0
100	QPSK	1	271	16.47					
100	QPSK	135	0	16.40					
100	QPSK	135	69	16.41				18.0	0.0
100	QPSK	135	138	16.43					
100	QPSK	270	0	16.35				18.0	0.0
100	16QAM	1	1	16.44				18.0	0.0
100	64QAM	1	1	16.45				18.0	0.0
100	256QAM	1	1	16.44				18.0	0.0
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	633000	633334	633666		MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3490.02	3500.01	3510		MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	16.42	16.53	16.39		18.0	0.0
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	16.41	16.44	16.39		18.0	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	16.47	16.48	16.39		18.0	0.0
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	16.43	16.50	16.39		18.0	0.0
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	16.39	16.52	16.43		18.0	0.0
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	16.38	16.43	16.40		18.0	0.0
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	16.43	16.53	16.42		18.0	0.0
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	16.47	16.52	16.39		18.0	0.0

Part270 n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	650000	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3750	16.30				
100	Pi2 BPSK	1	137		16.26			18.0	0.0
100	Pi2 BPSK	1	271		16.21				
100	Pi2 BPSK	135	0	16.12				18.0	0.0
100	Pi2 BPSK	135	69	16.25				18.0	0.0
100	Pi2 BPSK	135	138	16.14				18.0	0.0
100	Pi2 BPSK	270	0	16.29					
100	QPSK	1	1	16.16					
100	QPSK	1	137	16.27				18.0	0.0
100	QPSK	1	271	16.23					
100	QPSK	135	0	16.27					
100	QPSK	135	69	16.25				18.0	0.0
100	QPSK	135	138	16.19					
100	QPSK	270	0	16.24				18.0	0.0
100	16QAM	1	1	16.30				18.0	0.0
100	64QAM	1	1	16.26				18.0	0.0
100	256QAM	1	1	16.20				18.0	0.0
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	649668	650000	650332		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3745.02	3750	3754.98		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	649668	650000	650332		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	3735	3750	3765		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	16.21	16.31	16.23		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	3730.02	3750	3769.98		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	16.22	16.27	16.20		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	3725.01	3750	3774.99		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	16.22	16.30	16.17		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	3720.00	3750	3780.00		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	16.18	16.29	16.19		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	3715.02	3750	3784.98		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	16.24	16.27	16.23		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	3710.01	3750	3789.99		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	16.18	16.32	16.25		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	3705.02	3750	3794.98		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	16.20	16.26	16.22		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	3700.00	3750	3800.00		Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	16.18	16.23	16.24		Tune-up limit (dBm)	MPR (dB)



Reduced DS13 Power for EN-DC NR Main PA

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq (MHz)	Power Middle Ch. Freq (MHz)	Power High Ch. Freq (MHz)	Tune-up (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	P12 BPSK	1	1	24.40	24.58	24.30			
20	P12 BPSK	1	53	24.41	24.42	24.30	25.5	0	
20	P12 BPSK	1	104	24.34	24.31	24.31			
20	P12 BPSK	50	0	24.06	24.32	24.09	25.0	0.5	
20	P12 BPSK	50	28	24.26	24.50	24.26	25.5	0.0	
20	P12 BPSK	50	56	23.09	23.05	24.06		0.5	
20	P12 BPSK	100	0	24.17	24.48	24.23			
20	QPSK	1	1	24.27	24.33	24.23	25.5	0.0	
20	QPSK	1	53	24.30	24.37	24.30			
20	QPSK	1	104	24.30	24.41	24.27			
20	QPSK	50	0	23.28	23.32	23.12	24.5	1.0	
20	QPSK	50	28	24.15	24.32	24.08	25.0	0.0	
20	QPSK	50	56	23.77	23.91	23.76		1.0	
20	QPSK	100	0	23.38	23.58	23.46			
20	16QAM	1	1	22.80	22.84	22.87	24.5	1.0	
20	64QAM	1	1	21.93	21.92	21.86	23.0	2.5	
20	256QAM	1	1	19.81	19.88	19.80	21.0	4.5	
Channel				166300	167300	168300	1170-up (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	P12 BPSK	1	1	24.38	24.55	24.26	25.5	0.0	
Channel				165800	167200	168600	1160-up (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	P12 BPSK	1	1	24.42	24.66	24.26	25.5	0.0	
Channel				165300	167200	168300	1150-up (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	P12 BPSK	1	1	24.40	24.55	24.22	25.5	0.0	

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F (MHz)	Power Middle Ch. F (MHz)	Power High Ch. F (MHz)	Tune-up lim (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	P12 BPSK	1	1	24.02	24.23	23.94	25.0	0.0	
20	P12 BPSK	1	53	23.96	23.99	23.91			
20	P12 BPSK	1	104	23.99	23.92	23.88			
20	P12 BPSK	50	0	24.04	24.08	24.05	25.0	0.0	
20	P12 BPSK	50	28	23.97	24.18	23.97	25.0	0.0	
20	P12 BPSK	50	56	23.84	23.90	23.94	25.0	0.0	
20	P12 BPSK	100	0	23.89	24.20	23.74			
20	QPSK	1	1	23.90	23.94	23.90			
20	QPSK	1	53	23.85	24.01	23.94	25.0	0.0	
20	QPSK	1	104	23.95	23.93	23.83	24.5	0.5	
20	QPSK	50	0	22.97	23.06	22.94			
20	QPSK	50	28	23.88	23.82	23.75			
20	QPSK	50	56	23.33	23.53	23.33	24.5	0.5	
20	QPSK	100	0	23.24	23.40	23.16	24.5	0.5	
20	16QAM	1	1	23.64	23.78	23.74			
20	16QAM	1	1	21.47	21.62	21.34			
20	256QAM	1	1	19.37	19.53	19.45	21.0	4.0	
Channel				166300	167300	168300	1170-up lim (dBm)	MPR	(dB)
Frequency (MHz)				831.5	836.5	841.5			
15	P12 BPSK	1	1	23.50	24.18	23.85	25.5	0.0	
Channel				165800	167300	168500	1160-up lim (dBm)	MPR	(dB)
Frequency (MHz)				829	836.5	844			
10	P12 BPSK	1	1	23.97	24.13	23.87	25.0	0.0	
Channel				165300	167200	167900	1150-up lim (dBm)	MPR	(dB)
Frequency (MHz)				826.5	836.5	846.5			
5	P12 BPSK	1	1	23.93	24.14	23.81	25.0	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up (dBm)	MPR (dB)	
				Low Ch. Freq. (MHz)	Power Middle Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)			
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	P12 BPSK	1	1	18.81	18.83	18.74	19.5	0.0	
40	P12 BPSK	1	108	18.71	18.79	18.76			
40	P12 BPSK	1	214	18.72	18.73	18.72			
40	P12 BPSK	108	0	18.87	18.70	18.66	19.5	0.0	
40	P12 BPSK	108	54	18.68	18.72	18.66	19.5	0.0	
40	P12 BPSK	108	108	18.67	18.60	18.56			
40	P12 BPSK	216	0	18.62	18.67	18.63			
40	QPSK	1	1	18.65	18.73	18.61	19.5	0.0	
40	QPSK	1	108	18.60	18.67	18.63			
40	QPSK	1	214	18.57	18.63	18.62			
40	QPSK	108	0	18.62	18.71	18.64	19.5	0.0	
40	QPSK	108	54	18.58	18.66	18.61	19.5	0.0	
40	QPSK	108	108	18.53	18.58	18.51	19.5	0.0	
40	QPSK	216	0	18.57	18.66	18.58	19.5	0.0	
40	16QAM	1	1	18.55	18.78	18.54			
40	16QAM	1	1	18.75	18.82	18.72			
40	256QAM	1	1	18.57	18.36	18.23	19.5	0.0	
Channel				503000	507000	511000	1170-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	P12 BPSK	1	1	18.72	18.77	18.70	19.5	0.0	
Channel				502000	507000	511500	1160-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	P12 BPSK	1	1	18.68	18.71	18.70	19.5	0.0	
Channel				501000	507000	512000	1150-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	P12 BPSK	1	1	18.75	18.77	18.68	19.5	0.0	
Channel				501500	507000	512500	1140-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	P12 BPSK	1	1	18.66	18.76	18.65	19.5	0.0	
Channel				501000	507000	513000	1130-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	P12 BPSK	1	1	18.67	18.74	18.65	19.5	0.0	
Channel				500500	507000	513500	1120-up lim (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	P12 BPSK	1	1	18.67	18.71	18.67	19.5	0.0	

n7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 504000	Power Middle Ch. Freq. 507000	Power High Ch. Freq. 510000	Turn-up limit (dBm)	MPR (dB)		
Channel				2520	2535	2550				
Frequency (MHz)										
40	Pl2 BPSK	1	1	21.35	21.38	21.51		21.7	0.0	
40	Pl2 BPSK	1	108	21.22	21.24	21.11				
40	Pl2 BPSK	1	214	21.26	21.17	21.11		21.7	0.0	
40	Pl2 BPSK	108	0	21.12	21.15	21.02	21.7			
40	Pl2 BPSK	108	54	21.22	21.24	21.12	21.7	0.0	0.0	
40	Pl2 BPSK	108	108	21.16	21.12	21.11	21.7			
40	Pl2 BPSK	216	0	21.13	21.22	21.05		21.7	0.0	
40	QPSK	1	1	21.21	21.21	21.18				
40	QPSK	1	108	21.17	21.24	21.15	21.7	0.0	0.0	
40	QPSK	1	214	21.08	21.11	21.02				
40	QPSK	108	0	21.13	21.18	21.18	21.7	0.0	0.0	
40	QPSK	108	54	21.02	21.12	21.11	21.7			
40	QPSK	108	108	21.10	21.11	21.06	21.7	0.0	0.0	
40	QPSK	216	0	21.13	21.15	21.12				
40	16QAM	1	1	21.30	21.37	21.30	21.7	0.0	0.0	
40	16QAM	1	1	21.23	21.30	21.21	21.7			
40	256QAM	1	1	20.19	20.25	20.23	20.7	1.0	1.0	
Channel				503000	507000	511000	turn-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2515	2535	2555				
30	Pl2 BPSK	1	1	21.25	21.29	21.27	21.7	0.0	0.0	
Channel				502000	507000	511000	turn-up limit (dBm)			
Frequency (MHz)				2512.5	2535	2557.5				
25	Pl2 BPSK	1	1	21.27	21.28	21.28	21.7	0.0	0.0	
Channel				502000	507000	512000	turn-up limit (dBm)			
Frequency (MHz)				2510	2535	2560				
20	Pl2 BPSK	1	1	21.29	21.32	21.26	21.7	0.0	0.0	
Channel				501000	507000	512500	turn-up limit (dBm)			
Frequency (MHz)				2507.5	2535	2562.5				
15	Pl2 BPSK	1	1	21.32	21.36	21.27	21.7	0.0	0.0	
Channel				501000	507000	513000	turn-up limit (dBm)			
Frequency (MHz)				2505	2535	2565				
10	Pl2 BPSK	1	1	21.23	21.35	21.21	21.7	0.0	0.0	
Channel				500600	507000	513500	turn-up limit (dBm)			
Frequency (MHz)				2502.5	2535	2567.5				
5	Pl2 BPSK	1	1	21.26	21.36	21.25	21.7	0.0	0.0	
Channel										

n66_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 346000	Power Middle Ch. Freq. 348000	Power High Ch. Freq. 350000	Turn-up limit (dBm)	MPR (dB)		
Channel				1720	1745	1765				
Frequency (MHz)										
40	Pl2 BPSK	1	1	21.79	21.59	21.46		22.5	0.0	
40	Pl2 BPSK	1	108	21.75	21.80	21.79				
40	Pl2 BPSK	1	214	21.91	21.92	21.86		22.5	0.0	
40	Pl2 BPSK	108	0	21.79	21.83	21.77				
40	Pl2 BPSK	108	54	21.74	21.80	21.79	22.5	0.0	0.0	
40	Pl2 BPSK	108	108	21.79	21.76	21.73				
40	Pl2 BPSK	216	0	21.74	21.87	21.68	22.5	0.0	0.0	
40	QPSK	1	1	21.88	21.92	21.84				
40	QPSK	1	108	21.94	21.91	21.95	22.5	0.0	0.0	
40	QPSK	1	214	21.91	21.93	21.89				
40	QPSK	108	0	21.61	21.78	21.72	22.5	0.0	0.0	
40	QPSK	108	54	21.82	21.82	21.72	22.5			
40	QPSK	108	108	21.90	21.76	21.91	22.5	0.0	0.0	
40	QPSK	216	0	21.74	21.80	21.85				
40	16QAM	1	1	21.59	21.75	21.62	22.5	0.0	0.0	
40	16QAM	1	1	21.42	21.56	21.51	22.0			
40	256QAM	1	1	19.41	19.43	19.32	20.0	2.5	2.5	
Channel				345000	348000	350000	turn-up limit (dBm)	MPR		
Frequency (MHz)				1725	1745	1765				
30	Pl2 BPSK	1	1	21.68	21.82	21.77	22.5	0.0	0.0	
Channel				344000	348000	350000	turn-up limit (dBm)			
Frequency (MHz)				1720	1745	1770				
20	Pl2 BPSK	1	1	21.70	21.73	21.75	22.5	0.0	0.0	
Channel				343000	348000	350000	turn-up limit (dBm)			
Frequency (MHz)				1717.5	1745	1772.5				
15	Pl2 BPSK	1	1	21.68	21.71	21.71	22.5	0.0	0.0	
Channel				343000	348000	350000	turn-up limit (dBm)			
Frequency (MHz)				1715	1745	1775				
10	Pl2 BPSK	1	1	21.64	21.80	21.83	22.5	0.0	0.0	
Channel				342500	348000	350000	turn-up limit (dBm)			
Frequency (MHz)				1712.5	1745	1777.5				
5	Pl2 BPSK	1	1	21.60	21.75	21.68	22.5	0.0	0.0	
Channel										

n66_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 346000	Power Middle Ch. Freq. 348000	Power High Ch. Freq. 350000	Turn-up limit (dBm)	MPR (dB)		
Channel				1720	1745	1765				
Frequency (MHz)										
40	Pl2 BPSK	1	1	20.50	20.50	20.50		22.0	0.0	
40	Pl2 BPSK	1	108	20.49	20.51	20.49				
40	Pl2 BPSK	1	214	20.54	20.58	20.48		22.0	0.0	
40	Pl2 BPSK	108	0	20.45	20.47	20.40				
40	Pl2 BPSK	108	54	20.45	20.50	20.44	22.0	0.0	0.0	
40	Pl2 BPSK	108	108	20.39	20.48	20.37				
40	Pl2 BPSK	216	0	20.42	20.48	20.41	22.0	0.0	0.0	
40	QPSK	1	1	20.31	20.32	20.27				
40	QPSK	1	108	20.47	20.54	20.44	22.0	0.0	0.0	
40	QPSK	1	214	20.44	20.54	20.48				
40	QPSK	108	0	20.31	20.41	20.37	22.0	0.0	0.0	
40	QPSK	108	54	20.38	20.46	20.38	22.0			
40	QPSK	108	108	20.06	20.09	20.06	22.0	0.0	0.0	
40	QPSK	216	0	20.34	20.41	20.40				
40	16QAM	1	1	20.46	20.51	20.43	22.0	0.0	0.0	
40	16QAM	1	1	20.38	20.45	20.43	22.0			
40	256QAM	1	1	18.49	18.43	18.37	20.0	2.0	2.0	
Channel				345000	348000	350000	limit (dBm)	MPR		
Frequency (MHz)				1725	1745	1765				
30	Pl2 BPSK	1	1	20.42	20.41	20.39	22.0	0.0	0.0	
Channel				344000	348000	350000	limit (dBm)			
Frequency (MHz)				1720	1745	1770				
20	Pl2 BPSK	1	1	20.47	20.40	20.46	22.0	0.0	0.0	
Channel				343000	348000	350000	limit (dBm)			
Frequency (MHz)				1717.5	1745	1772.5				
15	Pl2 BPSK	1	1	20.45	20.48	20.46	22.0	0.0	0.0	
Channel				343000	348000	350000	limit (dBm)			
Frequency (MHz)				1715	1745	1775				
10	Pl2 BPSK	1	1	20.39	20.47	20.40	22.0	0.0	0.0	
Channel				342500	348000	350000	limit (dBm)			
Frequency (MHz)				1712.5	1745	1777.5				
5	Pl2 BPSK	1	1	20.40	20.45	20.43	22.0	0.0	0.0	
Channel										

n38_Ant 2									
[BW [MHz]	Modulation	RIS Size	RIS Offset	Power Low Ch.Freq.	Power Middle Ch.Freq.	Power High Ch.Freq.	Turn-up limit (dB)	MPR (dB)	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	21.66	21.62	21.67			
40	P12 BPSK	1	53	21.54	21.62	21.54	22.0	0.0	
40	P12 BPSK	1	104	21.63	21.67	21.67			
40	P12 BPSK	50	0	21.57	21.58	21.57	22.0	0.0	
40	P12 BPSK	50	28	21.60	21.64	21.57	22.0	0.0	
40	P12 BPSK	50	56	21.53	21.56	21.55	22.0	0.0	
40	QPSK	1	0	21.66	21.62	21.64			
40	QPSK	1	53	21.63	21.63	21.56	22.0	0.0	
40	QPSK	1	104	21.64	21.66	21.62			
40	QPSK	50	0	21.57	21.58	21.56	22.0	0.0	
40	QPSK	50	28	21.45	21.54	21.44	22.0	0.0	
40	QPSK	50	56	21.53	21.56	21.49			
40	QPSK	100	0	21.62	21.62	21.59	21.5	0.0	
40	16QAM	1	1	21.63	21.67	21.64	21.5	0.0	
40	16QAM	1	53	21.67	21.65	21.66	21.6	0.0	
40	56QAM	1	1	20.36	20.46	20.39	18.0	1.5	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	21.66	21.62	21.64	22.0	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	21.66	21.60	21.60			
20	P12 BPSK	1	1	21.61	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	21.62	21.65	21.62			
20	P12 BPSK	1	1	21.61	21.60	21.60	22.0	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	21.57	21.70	21.59	22.0	0.0	

n38_Ant 3								
[BW [MHz]	Modulation	RB Size	RB Offset	Power Low (Ch Freq)	Power Mid (Ch Freq)	Power High (Ch Freq)	Turn-up time (min)	MPR (dB)
Channel								
				516000	516000	516000		
				2660 02	2665	2669 98		
40	P2/BPSK	1	1	21.59	21.68	21.60		
40	P2/BPSK	1	53	21.54	21.57	21.47	22.5	0.0
40	P2/BPSK	1	104	21.51	21.51	21.36	22.5	0.0
40	P2/BPSK	50	0	21.45	21.49	21.46	22.5	0.0
40	P2/BPSK	50	26	21.50	21.48	21.53	22.5	0.0
40	P2/BPSK	50	56	21.34	21.43	21.41	22.5	0.0
40	QPSK	1	0	21.48	21.48	21.48		
40	QPSK	1	53	21.52	21.61	21.57		
40	QPSK	1	104	21.43	21.50	21.41		
40	QPSK	1	155	21.50	21.57	21.47		
40	QPSK	50	28	21.38	21.47	21.45	22.5	0.0
40	QPSK	50	56	21.41	21.43			
40	QPSK	100	0	21.42	21.50	21.50	22.0	0.0
40	16QAM	1	1	21.56	21.60	21.56	22.0	0.0
40	16QAM	1	53	21.54	21.51	21.42	20.5	0.0
40	256QAM	1	1	20.08	20.00	20.08	18.5	1.5
Channel								
				517002	516900	520098	Turn-up time (min)	MPR (dB)
Channel								
				2653 10	2655	2652 99		
30	P2/BPSK	1	1	21.50	21.59	21.47	22.5	0.0
Channel								
				516000	516000	522000	Turn-up time (min)	MPR (dB)
Channel								
				21.54	21.59	26.10		
20	P2/BPSK	1	1	21.50	21.60	21.55	22.5	0.0
20	P2/BPSK	1	53	21.50	21.50	21.40	22.5	0.0
20	P2/BPSK	1	104	20.77	21.55	26.12	18.5	1.5
15	P2/BPSK	1	1	21.49	21.61	21.48	22.5	0.0
Channel								
				516004	516000	522096	Turn-up time (min)	MPR (dB)
Channel								
				2612 00	2615	2612 99		
10	P2/BPSK	1	1	21.49	21.60	21.48	22.5	0.0

n41_Ant 2									
BW (MHz)	Modulation	RB Size	RF Offset	Power Low (dBm)	Power Middle (dBm)	Power High (dBm)	Power High (dBm)	Turn-up time (ms)	MPFS (dB)
Channel									
	Frequency (MHz)			254.01	2562.99	2640			
100	P12-BPSK	1	1	20.68	20.77	20.69			
100	P12-BPSK	133	1	20.68	20.67	20.68	21.5	0.0	
100	P12-BPSK	1	271	20.65	20.71	20.69			
100	P12-BPSK	135	0	20.48	20.50	20.50	21.5	0.0	
100	P12-BPSK	135	69	20.47	20.58	20.47	21.5	0.0	
100	P12-BPSK	135	135	20.48	20.43	20.38	21.5	0.0	
100	P12-BPSK	270	0	20.48	20.50	20.48	21.5	0.0	
100	QPSK	1	1	20.51	20.63	20.58			
100	QPSK	1	137	20.54	20.67	20.48			
100	QPSK	1	271	20.51	20.57	20.58	21.5	0.0	
100	QPSK	135	0	20.51	20.50	20.41			
100	QPSK	135	69	20.45	20.50	20.51	21.5	0.0	
100	QPSK	135	135	20.48	20.43	20.34	21.5	0.0	
100	QPSK	270	0	20.48	20.49	20.37	21.5	0.0	
100	16QAM	1	1	20.56	20.62	20.62	21.5	0.0	
100	16QAM	1	137	20.57	20.65	20.64	21.5	0.0	
100	256QAM	1	1	19.58	19.58	19.58	21.5	1.0	
Channel									
	Frequency (MHz)			254.1	2569.99	2644			
90	P12-BPSK	1	1	20.80	20.87	20.59	21.5	0.0	
Channel									
	Frequency (MHz)			2558.02	2592.99	2649.99			
80	P12-BPSK	1	1	20.58	20.69	20.59	21.5	0.0	
Channel									
	Frequency (MHz)			506.02	5189.98	5100.00			MPFS
70	P12-BPSK	1	1	20.51	20.52	20.59	21.5	0.0	
70	P12-BPSK	1	1	20.59	20.70	20.54	21.5	0.0	
Channel									
	Frequency (MHz)			506.02	5189.98	5119.98			MPFS
60	P12-BPSK	1	1	20.62	20.67	20.56	21.5	0.0	
60	P12-BPSK	1	1	20.62	20.67	20.56	21.5	0.0	
Channel									
	Frequency (MHz)			504.02	5188.98	5229.98			MPFS
50	P12-BPSK	1	1	20.51	20.59	20.64	21.5	0.0	
Channel									
	Frequency (MHz)			218.10	219.98	207.0			MPFS
40	P12-BPSK	1	1	20.77	20.68	20.54	21.5	0.0	
40	P12-BPSK	1	1	20.77	20.68	20.54	21.5	0.0	
Channel									
	Frequency (MHz)			2511	2529.99	2674.98			MPFS
30	P12-BPSK	1	1	20.57	20.72	20.56	21.5	0.0	
Channel									
	Frequency (MHz)			507.02	5189.98	5059.98			MPFS
20	P12-BPSK	1	1	20.60	20.71	20.57	21.5	0.0	
20	P12-BPSK	1	1	20.60	20.71	20.57	21.5	0.0	

n41_Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [dBm]	Power Main Ch. [dBm]	Power High Ch. [dBm]	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1	21.40	21.32	21.40		
100	Pi2 BPSK	1	137	21.20	21.24	21.27	22.0	0.0
100	Pi2 BPSK	1	271	21.20	21.22	21.13		
100	Pi2 BPSK	135	0	21.05	21.18	21.06	22.0	0.0
100	Pi2 BPSK	135	69	21.03	21.21	21.17	22.0	0.0
100	Pi2 BPSK	135	135	21.00	21.05	21.04	22.0	0.0
100	Pi2 BPSK	270	0	20.97	21.12	21.08		
100	QPSK	1	1	21.22	21.20	21.28		
100	QPSK	1	137	21.13	21.20	21.19	22.0	0.0
100	QPSK	1	271	20.99	21.11	21.12		
100	QPSK	135	0	21.00	21.17	21.07		
100	QPSK	135	69	21.05	21.12	21.08	22.0	0.0
100	QPSK	135	135	21.03	21.08	20.89		
100	QPSK	270	0	21.14	21.16	21.22	22.0	0.0
100	16QAM	1	1	21.13	21.30	21.25	22.0	0.0
100	64QAM	1	1	21.19	21.22	21.06	22.0	0.0
100	256QAM	1	1	20.00	20.20	20.28	21.0	1.0
Channel								
Frequency (MHz)								
50	Pi2 BPSK	1	1	21.51	21.52	21.44	22.0	0.0
Channel								
Frequency (MHz)								
80	Pi2 BPSK	1	1	21.18	21.20	21.19	22.0	0.0
Channel								
Frequency (MHz)								
70	Pi2 BPSK	1	1	21.16	21.12	21.12	22.0	0.0
Channel								
Frequency (MHz)								
60	Pi2 BPSK	1	1	21.15	21.20	21.16	22.0	0.0
Channel								
Frequency (MHz)								
50	Pi2 BPSK	1	1	21.18	21.21	21.16	22.0	0.0
Channel								
Frequency (MHz)								
40	Pi2 BPSK	1	1	21.17	21.14	21.11	22.0	0.0
Channel								
Frequency (MHz)								
30	Pi2 BPSK	1	1	21.11	21.15	21.09	22.0	0.0
Channel								
Frequency (MHz)								
20	Pi2 BPSK	1	1	21.19	21.16	21.19	22.0	0.0

Part27Q n78_Ant 4 HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Main Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1		17.19			
100	Pi2 BPSK	1	137		17.14		19.0	0.0
100	Pi2 BPSK	1	271		16.92			
100	Pi2 BPSK	135	0		17.03		19.0	0.0
100	Pi2 BPSK	135	69		17.04		19.0	0.0
100	Pi2 BPSK	135	135		16.86		19.0	0.0
100	Pi2 BPSK	270	0		17.01			
100	QPSK	1	1		17.06			
100	QPSK	1	137		17.12		19.0	0.0
100	QPSK	1	271		17.13			
100	QPSK	135	0		17.01			
100	QPSK	135	69		17.06		19.0	0.0
100	QPSK	135	135		16.93			
100	QPSK	270	0		17.05		19.0	0.0
100	16QAM	1	1		17.15		19.0	0.0
100	64QAM	1	1		17.14		19.0	0.0
100	256QAM	1	1		17.07		19.0	0.0
Channel								
Frequency (MHz)								
90	Pi2 BPSK	1	1	17.04	17.07	17.05	19.0	0.0
Channel								
Frequency (MHz)								
80	Pi2 BPSK	1	1	17.00	17.10	17.04	19.0	0.0
Channel								
Frequency (MHz)								
70	Pi2 BPSK	1	1	17.07	17.16	17.04	19.0	0.0
Channel								
Frequency (MHz)								
60	Pi2 BPSK	1	1	17.03	17.09	17.07	19.0	0.0
Channel								
Frequency (MHz)								
50	Pi2 BPSK	1	1	17.07	17.15	17.11	19.0	0.0
Channel								
Frequency (MHz)								
40	Pi2 BPSK	1	1	17.08	17.11	17.01	19.0	0.0
Channel								
Frequency (MHz)								
30	Pi2 BPSK	1	1	17.00	17.11	17.07	19.0	0.0
Channel								
Frequency (MHz)								
20	Pi2 BPSK	1	1	16.99	17.06	17.08	19.0	0.0
Channel								
Frequency (MHz)								
15	Pi2 BPSK	1	1	17.06	17.15	17.11	19.0	0.0
Channel								
Frequency (MHz)								
10	Pi2 BPSK	1	1	17.07	17.13	17.05	19.0	0.0

Part270 n78_Ant 4 HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	Pi2 BPSK	1	1		17.12			
100	Pi2 BPSK	1	137		16.88		19.0	0.0
100	Pi2 BPSK	1	271		16.75			
100	Pi2 BPSK	135	0		16.91		19.0	0.0
100	Pi2 BPSK	135	69		17.05		19.0	0.0
100	Pi2 BPSK	135	136		16.86		19.0	0.0
100	Pi2 BPSK	270	0		17.00			
100	QPSK	1	1		16.97			
100	QPSK	1	137		16.91		19.0	0.0
100	QPSK	1	271		16.76			
100	QPSK	135	0		16.84			
100	QPSK	135	69		16.96		19.0	0.0
100	QPSK	135	136		16.74			
100	QPSK	270	0		16.78		19.0	0.0
100	16QAM	1	1		16.97		19.0	0.0
100	64QAM	1	1		17.06		19.0	0.0
100	256QAM	1	1		16.87		19.0	0.0
Channel								
				64.6668	65.0000	65.3332	HPUE-up limit	MPR (dB)
90	Pi2 BPSK	1	1	17.08	17.01	17.06	19.0	0.0
Channel								
				64.9334	65.0000	65.0666	HPUE-up limit	MPR (dB)
80	Pi2 BPSK	1	1	17.01	17.04	17.09	19.0	0.0
Channel								
				64.6000	65.0000	65.1000	HPUE-up limit	MPR (dB)
70	Pi2 BPSK	1	1	17.02	17.02	17.02	19.0	0.0
Channel								
				64.6500	65.0000	65.3333	HPUE-up limit	MPR (dB)
60	Pi2 BPSK	1	1	17.09	17.01	17.09	19.0	0.0
Channel								
				64.9334	65.0000	65.1666	HPUE-up limit	MPR (dB)
50	Pi2 BPSK	1	1	17.04	17.01	17.01	19.0	0.0
Channel								
				64.6000	65.0000	65.2000	HPUE-up limit	MPR (dB)
40	Pi2 BPSK	1	1	17.05	17.05	17.05	19.0	0.0
Channel								
				64.7668	65.0000	65.2332	HPUE-up limit	MPR (dB)
30	Pi2 BPSK	1	1	17.06	17.02	17.02	19.0	0.0
Channel								
				64.7334	65.0000	65.2666	HPUE-up limit	MPR (dB)
20	Pi2 BPSK	1	1	17.06	17.05	17.08	19.0	0.0
Channel								
				64.6166	65.0000	65.3333	HPUE-up limit	MPR (dB)
15	Pi2 BPSK	1	1	17.03	17.01	17.08	19.0	0.0
Channel								
				64.7000	65.0000	65.3333	HPUE-up limit	MPR (dB)
10	Pi2 BPSK	1	1	17.03	17.02	17.03	19.0	0.0

Part27Q n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3006.01					
100	P12 BPSK	1	1	16.12					
100	P12 BPSK	1	137	16.00			17.5	0.0	
100	P12 BPSK	1	271	16.08					
100	P12 BPSK	135	0	15.90			17.5	0.0	
100	P12 BPSK	135	69	16.02			17.5	0.0	
100	P12 BPSK	135	138	16.01			17.5	0.0	
100	P12 BPSK	270	0	15.89					
100	QPSK	1	1	15.73					
100	QPSK	1	137	15.99			17.5	0.0	
100	QPSK	1	271	16.05					
100	QPSK	135	0	15.84			17.5	0.0	
100	QPSK	135	69	16.20					
100	QPSK	135	138	15.93					
100	QPSK	270	0	15.95			17.5	0.0	
100	16QAM	1	1	15.99			17.5	0.0	
100	64QAM	1	1	15.94			17.5	0.0	
100	256QAM	1	1	15.73			17.5	0.0	
Channel									
Frequency (MHz)				633000	633334	633698	17.5	0.0	MPR
50	P12 BPSK	1	1	16.02	3005.01	3004.99	17.5	0.0	MPR
50	P12 BPSK	1	1	16.02	16.00	16.00	17.5	0.0	
Channel									
Frequency (MHz)				636668	633334	634000	17.5	0.0	MPR
80	P12 BPSK	1	1	3469.02	3006.01	3010	17.5	0.0	MPR
Channel									
Frequency (MHz)				3475.92	3006.01	3025	17.5	0.0	MPR
Channel									
Frequency (MHz)				3483.01	3003.04	3434.32	17.5	0.0	MPR
70	P12 BPSK	1	1	16.02	15.99	15.96	17.5	0.0	
Channel									
Frequency (MHz)				3493.02	3131.15	3491.99	17.5	0.0	MPR
60	P12 BPSK	1	1	15.98	16.01	15.96	17.5	0.0	
Channel									
Frequency (MHz)				3497.03	3003.04	635000	17.5	0.0	MPR
50	P12 BPSK	1	1	3475.92	3004.01	3025	17.5	0.0	MPR
Channel									
Frequency (MHz)				16.00	15.99	16.02	17.5	0.0	
Channel									
Frequency (MHz)				631334	633334	635332	17.5	0.0	MPR
40	P12 BPSK	1	1	3470.01	3004.01	3024.99	17.5	0.0	MPR
Channel									
Frequency (MHz)				15.94	16.07	15.97	17.5	0.0	
Channel									
Frequency (MHz)				631000	633334	635668	17.5	0.0	MPR
30	P12 BPSK	1	1	3465.00	3003.01	3034.99	17.5	0.0	MPR
Channel									
Frequency (MHz)				15.92	16.00	16.01	17.5	0.0	MPR
Channel									
Frequency (MHz)				3460.02	3003.01	3640	17.5	0.0	MPR
20	P12 BPSK	1	1	15.96	16.06	15.95	17.5	0.0	
Channel									
Frequency (MHz)				635000	633334	636000	17.5	0.0	MPR
15	P12 BPSK	1	1	15.95	16.06	15.96	17.5	0.0	
Channel									
Frequency (MHz)				632000	3003.01	3644.32	17.5	0.0	MPR
10	P12 BPSK	1	1	15.93	16.08	15.95	17.5	0.0	

Part27O n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	15.17					
100	P12 BPSK	1	137	16.13			17.5	0.0	
100	P12 BPSK	1	271	16.11					
100	P12 BPSK	135	0	16.00			17.5	0.0	
100	P12 BPSK	135	69	16.11			17.5	0.0	
100	P12 BPSK	135	138	16.09			17.5	0.0	
100	P12 BPSK	270	0	16.03					
100	QPSK	1	1	15.97					
100	QPSK	1	137	16.07			17.5	0.0	
100	QPSK	1	271	16.06					
100	QPSK	135	0	16.01			17.5	0.0	
100	QPSK	135	69	16.06					
100	QPSK	135	138	15.97					
100	QPSK	270	0	15.96			17.5	0.0	
100	16QAM	1	1	16.06			17.5	0.0	
100	64QAM	1	1	16.00			17.5	0.0	
100	256QAM	1	1	15.92			17.5	0.0	
Channel									
Frequency (MHz)									
90	P12 BPSK	1	1	15.99	16.12	16.08	17.5	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	16.07	16.14	16.02	17.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	16.07	16.08	16.02	17.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	16.01	16.06	16.07	17.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	15.99	16.04	16.07	17.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	16.03	16.10	16.00	17.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	16.03	16.10	16.00	17.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	15.99	16.06	16.00	17.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	16.03	16.09	16.03	17.5	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	15.98	16.05	16.05	17.5	0.0	

Part27Q n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633334			7000.91		
100	P12 BPSK	1	1	19.54					
100	P12 BPSK	1	137	19.50			20.5	0.0	
100	P12 BPSK	1	271	19.45					
100	P12 BPSK	135	0	19.41			20.5	0.0	
100	P12 BPSK	135	69	19.46			20.5	0.0	
100	P12 BPSK	135	138	19.34			20.5	0.0	
100	P12 BPSK	270	0	19.42					
100	QPSK	1	1	19.54					
100	QPSK	1	137	19.50			20.5	0.0	
100	QPSK	1	271	19.51					
100	QPSK	135	0	19.43			20.5	0.0	
100	QPSK	135	69	19.48					
100	QPSK	135	138	19.32					
100	QPSK	270	0	19.49			20.5	0.0	
100	16QAM	1	1	19.53			20.5	0.0	
100	64QAM	1	1	19.53			20.5	0.0	
100	256QAM	1	1	19.30			20.5	0.0	
Channel									
Frequency (MHz)				633000	633334	633666	7000.91		MPR (dB)
90	P12 BPSK	1	1	19.27	19.32	19.37	20.5	0.0	
Channel									
Frequency (MHz)				632666	633000	633334	7000.91		MPR (dB)
80	P12 BPSK	1	1	19.31	19.32	19.37	20.5	0.0	
Channel									
Frequency (MHz)				632334	632666	633000	7000.91		MPR (dB)
70	P12 BPSK	1	1	19.40	19.37	19.34	20.5	0.0	
Channel									
Frequency (MHz)				632000	632334	632666	7000.91		MPR (dB)
60	P12 BPSK	1	1	19.48	19.30	19.19	20.5	0.0	
Channel									
Frequency (MHz)				631666	632000	632334	7000.91		MPR (dB)
50	P12 BPSK	1	1	19.28	19.43	19.29	20.5	0.0	
Channel									
Frequency (MHz)				631334	631666	632000	7000.91		MPR (dB)
40	P12 BPSK	1	1	19.16	19.35	19.40	20.5	0.0	
Channel									
Frequency (MHz)				631000	631334	631666	7000.91		MPR (dB)
30	P12 BPSK	1	1	19.35	19.40	19.38	20.5	0.0	
Channel									
Frequency (MHz)				630666	631000	631334	7000.91		MPR (dB)
20	P12 BPSK	1	1	19.31	19.42	19.41	20.5	0.0	
Channel									
Frequency (MHz)				630334	630666	631000	7000.91		MPR (dB)
15	P12 BPSK	1	1	19.40	19.41	19.38	20.5	0.0	
Channel									
Frequency (MHz)				630000	630334	630666	7000.91		MPR (dB)
10	P12 BPSK	1	1	19.42	19.49	19.34	20.5	0.0	

Part270 n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	19.48	19.48	19.48	19.48	20.5	0.0
100	Pi2 BPSK	1	137	19.41	19.41	19.41	19.41	20.5	0.0
100	Pi2 BPSK	1	271	19.41	19.41	19.41	19.41	20.5	0.0
100	Pi2 BPSK	135	0	19.43	19.43	19.43	19.43	20.5	0.0
100	Pi2 BPSK	135	69	19.42	19.42	19.42	19.42	20.5	0.0
100	Pi2 BPSK	135	138	19.38	19.38	19.38	19.38	20.5	0.0
100	Pi2 BPSK	270	0	19.34	19.34	19.34	19.34	20.5	0.0
100	QPSK	1	1	19.47	19.47	19.47	19.47	20.5	0.0
100	QPSK	1	137	19.48	19.48	19.48	19.48	20.5	0.0
100	QPSK	1	271	19.44	19.44	19.44	19.44	20.5	0.0
100	QPSK	135	0	19.48	19.48	19.48	19.48	20.5	0.0
100	QPSK	135	69	19.32	19.32	19.32	19.32	20.5	0.0
100	QPSK	135	138	19.38	19.38	19.38	19.38	20.5	0.0
100	QPSK	270	0	19.32	19.32	19.32	19.32	20.5	0.0
100	16QAM	1	1	19.43	19.43	19.43	19.43	20.5	0.0
100	64QAM	1	1	19.41	19.41	19.41	19.41	20.5	0.0
100	256QAM	1	1	19.45	19.45	19.45	19.45	20.5	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	649668	650000	650332	650664	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3749.01	3750	3750.99	3751.98	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	19.40	19.43	19.47	19.50	20.5	0.0
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	19.43	19.47	19.47	19.47	20.5	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	19.49	19.51	19.41	19.41	20.5	0.0
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	19.44	19.48	19.38	19.38	20.5	0.0
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	19.44	19.51	19.46	19.46	20.5	0.0
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	19.48	19.52	19.43	19.43	20.5	0.0
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	19.50	19.46	19.48	19.48	20.5	0.0
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	19.42	19.50	19.43	19.43	20.5	0.0

Part27Q n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	15.46	15.46	15.46	15.46	17.0	0.0
100	Pi2 BPSK	1	137	15.47	15.47	15.47	15.47	17.0	0.0
100	Pi2 BPSK	1	271	15.47	15.47	15.47	15.47	17.0	0.0
100	Pi2 BPSK	135	0	15.51	15.51	15.51	15.51	17.0	0.0
100	Pi2 BPSK	135	69	15.55	15.55	15.55	15.55	17.0	0.0
100	Pi2 BPSK	135	138	15.49	15.49	15.49	15.49	17.0	0.0
100	Pi2 BPSK	270	0	15.56	15.56	15.56	15.56	17.0	0.0
100	QPSK	1	1	15.56	15.56	15.56	15.56	17.0	0.0
100	QPSK	1	137	15.51	15.51	15.51	15.51	17.0	0.0
100	QPSK	1	271	15.44	15.44	15.44	15.44	17.0	0.0
100	QPSK	135	0	15.44	15.44	15.44	15.44	17.0	0.0
100	QPSK	135	69	15.56	15.56	15.56	15.56	17.0	0.0
100	QPSK	135	138	15.34	15.34	15.34	15.34	17.0	0.0
100	QPSK	270	0	15.46	15.46	15.46	15.46	17.0	0.0
100	16QAM	1	1	15.56	15.56	15.56	15.56	17.0	0.0
100	64QAM	1	1	15.41	15.41	15.41	15.41	17.0	0.0
100	256QAM	1	1	15.57	15.57	15.57	15.57	17.0	0.0
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	633000	633334	633666	634000	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3490.02	3500.01	3510	3520	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	15.43	15.50	15.50	15.50	17.0	0.0
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	15.45	15.51	15.43	15.43	17.0	0.0
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	15.42	15.47	15.43	15.43	17.0	0.0
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	15.44	15.50	15.42	15.42	17.0	0.0
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	15.46	15.51	15.40	15.40	17.0	0.0
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	15.48	15.45	15.44	15.44	17.0	0.0
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	15.39	15.50	15.49	15.49	17.0	0.0
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	15.45	15.48	15.50	15.50	17.0	0.0

Part270 n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	15.52	15.52	15.52	15.52	17.0	0.0
100	Pi2 BPSK	1	137	15.18	15.18	15.18	15.18	17.0	0.0
100	Pi2 BPSK	1	271	15.05	15.05	15.05	15.05	17.0	0.0
100	Pi2 BPSK	135	0	15.20	15.20	15.20	15.20	17.0	0.0
100	Pi2 BPSK	135	69	15.23	15.23	15.23	15.23	17.0	0.0
100	Pi2 BPSK	135	138	15.07	15.07	15.07	15.07	17.0	0.0
100	Pi2 BPSK	270	0	15.12	15.12	15.12	15.12	17.0	0.0
100	QPSK	1	1	15.11	15.11	15.11	15.11	17.0	0.0
100	QPSK	1	137	15.17	15.17	15.17	15.17	17.0	0.0
100	QPSK	1	271	15.12	15.12	15.12	15.12	17.0	0.0
100	QPSK	135	0	15.16	15.16	15.16	15.16	17.0	0.0
100	QPSK	135	69	15.21	15.21	15.21	15.21	17.0	0.0
100	QPSK	135	138	14.95	14.95	14.95	14.95	17.0	0.0
100	QPSK	270	0	15.22	15.22	15.22	15.22	17.0	0.0
100	16QAM	1	1	15.28	15.28	15.28	15.28	17.0	0.0
100	64QAM	1	1	15.21	15.21	15.21	15.21	17.0	0.0
100	256QAM	1	1	15.25	15.25	15.25	15.25	17.0	0.0
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	649668	650000	650332	650664	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	3749.01	3750	3750.99	3751.98	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	15.13	15.20	15.14	15.21	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	15.13	15.20	15.14	15.21	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	15.18	15.20	15.14	15.21	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	15.19	15.20	15.19	15.20	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	15.16	15.19	15.21	15.20	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	15.14	15.20	15.21	15.21	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	15.12	15.20	15.24	15.24	Time-up limit (dB)	MPR
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	15.19	15.25	15.20	15.20	Time-up limit (dB)	MPR

Reduced DS4 Power for EN-DC NR Main PA

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Turn-up	MPR
				Low Ch / Freq	High Ch / Freq	Low Ch / Freq	High Ch / Freq		
Channel				166800	167300	167800		(dBm)	(dB)
Frequency (MHz)				834	836.5	836.5	839		
20	PV2 BPSK	1	1	24.43	24.58	24.33		25.5	0.0
20	PV2 BPSK	1	53	24.41	24.42	24.30			
20	PV2 BPSK	1	104	24.34	24.31	24.31			
20	PV2 BPSK	50	0	24.06	24.32	24.06		25.0	0.5
20	PV2 BPSK	50	28	24.35	24.60	24.28		25.5	0.0
20	PV2 BPSK	50	56	23.09	23.05	24.06		25.0	0.5
20	PV2 BPSK	100	0	24.17	24.48	24.23			
20	QPSK	1	1	24.27	24.33	24.23			
20	QPSK	1	53	24.30	24.37	24.30		25.5	0.0
20	QPSK	1	104	24.30	24.41	24.27		24.5	1.0
20	QPSK	50	0	23.26	23.32	23.12			
20	QPSK	50	28	24.15	24.32	24.08			
20	QPSK	50	56	23.77	23.91	23.76		24.5	1.0
20	QPSK	100	0	23.36	23.58	23.46		24.5	1.0
20	16QAM	1	1	22.90	22.94	22.87			
20	64QAM	1	1	21.93	21.92	21.86		23.0	2.5
20	256QAM	1	1	19.81	19.89	19.80		21.0	4.5
Channel				166300	167300	168300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		25.5	0.0
15	PV2 BPSK	1	1	24.38	24.55	24.26		25.5	0.0
Channel				166800	167300	168800		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				830	836.5	844		25.5	0.0
10	PV2 BPSK	1	1	24.42	24.56	24.35		25.5	0.0
Channel				166300	167300	169300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				828.5	836.5	846.5		25.5	0.0
5	PV2 BPSK	1	1	24.40	24.55	24.22		25.0	0.0

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power		Power		Turn-up limit (dBm)	MPR (dB)
				Low Ch./Freq.	High Ch./Freq.	Low Ch./Freq.	High Ch./Freq.		
Channel				166800	167300	167300	167800		
Frequency (MHz)				834	836.5	836.5	839		
20	PV2 BPSK	1	1	24.53	24.71	24.44		25.5	0.0
20	PV2 BPSK	1	53	24.46	24.55	24.38			
20	PV2 BPSK	1	104	24.42	24.37	24.33			
20	PV2 BPSK	50	0	24.06	24.26	24.03		25.0	0.5
20	PV2 BPSK	50	28	24.53	24.66	24.50		25.5	0.0
20	PV2 BPSK	50	56	23.90	23.91	23.91		25.0	0.5
20	PV2 BPSK	100	0	23.88	24.17	23.79			
20	QPSK	1	1	24.43	24.48	24.31			
20	QPSK	1	53	24.41	24.50	24.32		25.5	0.0
20	QPSK	1	104	24.42	24.47	24.30		24.5	1.0
20	QPSK	50	0	22.96	23.11	23.01			
20	QPSK	50	28	24.24	24.38	24.19			
20	QPSK	50	56	23.33	23.48	23.35		24.5	1.0
20	QPSK	100	0	23.21	23.35	23.19		24.5	1.0
20	16QAM	1	1	23.01	23.19	23.10			
20	64QAM	1	1	21.53	21.57	21.41		23.0	2.5
20	256QAM	1	1	19.52	19.58	19.43		21.0	4.5
Channel				166300	167300	168300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		25.5	0.0
15	PV2 BPSK	1	1	24.44	24.65	24.33		25.5	0.0
Channel				166800	167300	168800		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				830	836.5	844		25.5	0.0
10	PV2 BPSK	1	1	24.47	24.65	24.35		25.5	0.0
Channel				166300	167300	169300		Turn-up limit (dB)	MPR (dB)
Frequency (MHz)				828.5	836.5	846.5		25.5	0.0
5	PV2 BPSK	1	1	24.49	24.65	24.39		25.5	0.0

n7_Ant 2									
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)				904000	907000	910000			
Frequency (MHz)				23520	2355	2359			
40	PV2 BPSK	1	1	23.88	23.87	23.78		24.5	0.0
40	PV2 BPSK	1	108	23.64	23.71	23.67			
40	PV2 BPSK	1	214	23.79	23.70	23.71			
40	PV2 BPSK	108	0	23.48	23.73	23.36		24.5	0.0
40	PV2 BPSK	108	54	23.68	23.83	23.52		24.5	0.0
40	PV2 BPSK	108	108	23.55	23.53	23.54		24.5	0.0
40	PV2 BPSK	216	0	23.62	23.65	23.54			
40	QPSK	1	1	23.63	23.73	23.58			
40	QPSK	1	108	23.61	23.57	23.52		24.5	0.0
40	QPSK	1	214	23.52	23.57	23.66			
40	QPSK	108	0	23.69	23.76	23.69			
40	QPSK	108	54	23.58	23.72	23.53		24.5	0.0
40	QPSK	108	108	23.57	23.49	23.54		24.5	0.0
40	QPSK	216	0	23.57	23.61	23.64		24.5	0.0
40	16QAM	1	1	23.45	23.52	23.48			
40	64QAM	1	1	22.31	22.42	22.41		23.0	1.5
40	256QAM	1	1	20.24	20.29	20.16		21.0	3.5
Channel				903000	907000	911000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2351	2355	2359		24.5	0.0
30	PV2 BPSK	1	1	23.75	23.76	23.66		24.5	0.0
Channel				902500	907000	911600	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2312.5	2333	2327.5		24.5	0.0
25	PV2 BPSK	1	1	23.83	23.78	23.87		24.5	0.0
Channel				902000	907000	912000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2310	2335	2365		24.5	0.0
20	PV2 BPSK	1	1	23.74	23.83	23.85		24.5	0.0
Channel				901500	907000	912500	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2335	2362.5		24.5	0.0
15	PV2 BPSK	1	1	23.81	23.83	23.70		24.5	0.0
Channel				901000	907000	913000	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2305	2335	2365		24.5	0.0
10	PV2 BPSK	1	1	23.79	23.74	23.85		24.5	0.0
Channel				900500	907000	913500	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2302.5	2335	2367.5		24.5	0.0
5	PV2 BPSK	1	1	23.81	23.81	23.68		24.5	0.0

n7_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				504000	505000	510000				
Frequency (MHz)				2520	2535	2550				
40	PI2 BPSK	1	1	24.79	24.86	24.73		25.2	0.0	
40	PI2 BPSK	1	108	24.78	24.85	24.74				
40	PI2 BPSK	1	214	24.68	24.80	24.67				
40	PI2 BPSK	108	0	24.17	24.29	24.05	24.7	0.5	0.0	
40	PI2 BPSK	108	54	24.61	24.69	24.57				
40	PI2 BPSK	108	108	24.18	24.33	24.19				
40	PI2 BPSK	216	0	24.16	24.22	24.20		24.7	0.5	
40	QPSK	1	1	24.78	24.80	24.60				
40	QPSK	1	108	24.59	24.60	24.67				
40	QPSK	1	214	24.73	24.81	24.58		25.2	0.0	
40	QPSK	108	0	23.60	23.84	23.80	24.2			
40	QPSK	108	54	24.64	24.59	24.52	25.2			
40	QPSK	108	108	23.72	23.81	23.52	24.2	1.0	0.0	
40	QPSK	216	0	23.67	23.76	23.68				
40	16QAM	1	1	23.03	24.16	23.92	24.2			
40	16QAM	1	1	22.51	22.44	22.37	22.7	2.5	0.0	
40	256QAM	1	1	20.16	20.37	20.28	20.7			
Channel				503000	507000	511000	1116-10 limit (dB)	MPR		
Frequency (MHz)				2515	2535	2555	1116-10 limit (dB)			
30	PI2 BPSK	1	1	24.66	24.74	24.85	25.2	0.0	MPR	
Channel				502500	507000	511900	1116-10 limit (dB)			
Frequency (MHz)				2412.5	2435	2457.5	1116-10 limit (dB)			
25	PI2 BPSK	1	1	24.66	24.83	24.80	25.2	0.0	MPR	
Channel				502000	507000	512000	1116-10 limit (dB)			
Frequency (MHz)				2510	2535	2560	1116-10 limit (dB)			
20	PI2 BPSK	1	1	24.79	24.85	24.75	25.2	0.0	MPR	
Channel				501500	507000	512500	1116-10 limit (dB)			
Frequency (MHz)				2507.5	2535	2562.5	1116-10 limit (dB)			
15	PI2 BPSK	1	1	24.81	24.65	24.62	25.2	0.0	MPR	
Channel				501000	507000	513000	1116-10 limit (dB)			
Frequency (MHz)				2505	2535	2565	1116-10 limit (dB)			
10	PI2 BPSK	1	1	24.69	24.63	24.64	25.2	0.0	MPR	
Channel				500500	507000	513500	1116-10 limit (dB)			
Frequency (MHz)				2502.5	2535	2567.5	1116-10 limit (dB)			
5	PI2 BPSK	1	1	24.64	24.67	24.62	25.2	0.0	MPR	
Channel										
Frequency (MHz)										

n66_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit	MPR (dB)		
Channel				346000	349000	352000				
Frequency (MHz)				1720	1745	1760				
40	PI2 BPSK	1	1	23.89	23.81	23.72		24.5	0.0	
40	PI2 BPSK	1	108	23.67	23.74	23.69				
40	PI2 BPSK	1	214	23.49	23.59	23.60				
40	PI2 BPSK	108	0	23.64	23.57	23.55	24.0	0.5	0.0	
40	PI2 BPSK	108	54	23.68	23.79	23.60				
40	PI2 BPSK	108	108	23.51	23.51	23.39				
40	PI2 BPSK	216	0	23.52	23.74	23.68	24.0	0.5	0.0	
40	QPSK	1	1	23.67	23.72	23.72				
40	QPSK	1	108	23.50	23.74	23.50		24.5	0.0	
40	QPSK	1	214	23.63	23.57	23.57				
40	QPSK	108	0	23.57	23.62	23.47	23.5			
40	QPSK	108	54	23.63	23.67	23.75	24.5	0.0	0.0	
40	QPSK	108	108	23.48	23.46	23.40	23.5			
40	QPSK	216	0	23.48	23.51	23.52				
40	16QAM	1	1	23.12	23.23	22.95	23.5	1.0	0.0	
40	64QAM	1	1	21.76	21.77	21.67	22.0			
40	256QAM	1	1	19.64	19.78	19.72	20.0			
Channel				345000	349000	353000	1116-10 limit (dB)	MPR (dB)		
Frequency (MHz)				1725	1745	1765	1116-10 limit (dB)			
30	PI2 BPSK	1	1	23.85	23.79	23.68	24.5	0.0	MPR (dB)	
Channel				344000	349000	354000	1116-10 limit (dB)			
Frequency (MHz)				1720	1745	1770	1116-10 limit (dB)			
20	PI2 BPSK	1	1	23.64	23.68	23.69	24.5	0.0	MPR (dB)	
Channel				343500	349000	354500	1116-10 limit (dB)			
Frequency (MHz)				1717.5 <th>1745</th> <th>1772.5<th>1116-10 limit (dB)</th></th>	1745	1772.5 <th>1116-10 limit (dB)</th>	1116-10 limit (dB)			
15	PI2 BPSK	1	1	23.67	23.68	23.67	24.5	0.0	MPR (dB)	
Channel				343000	349000	355000	1116-10 limit (dB)			
Frequency (MHz)				1715	1745	1775	1116-10 limit (dB)			
10	PI2 BPSK	1	1	23.76	23.76	23.65	24.5	0.0	MPR (dB)	
Channel				342500	349000	355500	1116-10 limit (dB)			
Frequency (MHz)				1712.5	1745	1777.5	1116-10 limit (dB)			
5	PI2 BPSK	1	1	23.67	23.71	23.67	24.5	0.0	MPR (dB)	
Channel										
Frequency (MHz)										

n66_Ant 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				346000	349000	352000				
Frequency (MHz)				1720	1745	1765				
40	PI2 BPSK	1	1	23.02	23.05	23.05		24.5	0.0	
40	PI2 BPSK	1	108	22.95	23.01	23.02				
40	PI2 BPSK	1	214	22.85	22.93	23.04				
40	PI2 BPSK	108	0	22.96	22.95	22.99	24.0	0.5	0.0	
40	PI2 BPSK	108	54	23.00	23.02	23.00				
40	PI2 BPSK	108	108	22.89	22.95	22.89				
40	PI2 BPSK	216	0	22.98	22.99	22.93	24.0	0.5	0.0	
40	QPSK	1	1	22.85	23.00	22.87				
40	QPSK	1	108	22.97	22.95	22.95		24.5	0.0	
40	QPSK	1	214	22.98	22.96	22.82				
40	QPSK	108	0	22.85	22.85	22.76	23.5			
40	QPSK	108	54	22.97	22.89	22.80	24.5	0.0	0.0	
40	QPSK	108	108	21.95	22.21	22.25	23.5			
40	QPSK	216	0	21.84	21.89	22.27				
40	RCQAM	1	1	22.05	22.16	22.51	23.5	1.0	0.0	
40	64QAM	1	1	20.34	20.65	20.87	22.0			
40	256QAM	1	1	18.25	18.37	18.79	20.0			
Channel				345000	349000	353000	1116-10 limit (dBm)	MPR		
Frequency (MHz)				1725	1745	1765	1116-10 limit (dBm)			
30	PI2 BPSK	1	1	22.98	23.04	23.02	24.5	0.0	MPR	
Channel				344000	349000	354000	1116-10 limit (dBm)			
Frequency (MHz)				1720	1745	1770	1116-10 limit (dBm)			
20	PI2 BPSK	1	1	23.00	23.02	23.02	24.5	0.0	MPR	
Channel				343500	349000	354500	1116-10 limit (dBm)			
Frequency (MHz)				1717.5	1745	1772.5	1116-10 limit (dBm)			
15	PI2 BPSK	1	1	22.92	23.01	23.03	24.5	0.0	MPR	
Channel				343000	349000	355000	1116-10 limit (dBm)			
Frequency (MHz)				1715	1745	1775	1116-10 limit (dBm)			
10	PI2 BPSK	1	1	22.94	23.02	23.00	24.5	0.0	MPR	
Channel				342500	349000	355500	1116-10 limit (dBm)			
Frequency (MHz)				1712.5	1745	1777.5	1116-10 limit (dBm)			
5	PI2 BPSK	1	1	23.01	23.01	23.00	24.5	0.0	MPR	
Channel										
Frequency (MHz)										

n38_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	
Channel				518004	518000	518996	
Frequency (MHz)				2592.02	2595	2598.98	
40	PV2 BPSK	1	1	24.45	24.67	24.51	
40	PV2 BPSK	1	53	24.48	24.44	24.47	25.0
40	PV2 BPSK	1	104	24.45	24.53	24.55	
40	PV2 BPSK	50	0	24.37	24.36	24.37	24.5
40	PV2 BPSK	50	26	24.33	24.45	24.38	25.0
40	PV2 BPSK	50	56	24.33	24.33	24.32	
40	PV2 BPSK	100	0	24.12	24.37	24.10	24.5
40	QPSK	1	1	24.44	24.34	24.35	
40	QPSK	1	53	24.39	24.33	24.36	25.0
40	QPSK	1	104	24.41	24.39	24.40	
40	QPSK	50	0	24.39	24.42	24.39	
40	QPSK	50	26	24.39	24.40	24.42	25.0
40	QPSK	50	56	24.34	24.44	24.41	
40	QPSK	100	0	23.43	23.34	23.51	24.0
40	16QAM	1	1	23.84	23.98	23.92	24.0
40	64QAM	1	1	22.50	22.48	22.41	22.5
40	256QAM	1	1	20.49	20.42	20.48	20.5
Channel				517002	518000	520998	
Frequency (MHz)				2593.01	2595	2604.99	
30	PV2 BPSK	1	1	24.57	24.62	24.56	25.0
Channel				516000	519000	522000	
Frequency (MHz)				2590	2595	2610	
20	PV2 BPSK	1	1	24.50	24.54	24.55	25.0
Channel				515502	517000	522498	
Frequency (MHz)				2577.51	2595	2612.49	
15	PV2 BPSK	1	1	24.34	24.61	24.46	25.0
Channel				518004	518000	522996	
Frequency (MHz)				2575.02	2595	2614.98	
10	PV2 BPSK	1	1	24.41	24.65	24.41	25.0

n38_Ant 3							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	
Channel				518004	519000	519996	
Frequency (MHz)				2593.02	2595	2599.98	
40	PV2 BPSK	1	1	24.59	24.55	24.49	
40	PV2 BPSK	1	63	24.53	24.54	24.49	25.5
40	PV2 BPSK	1	104	24.60	24.49	24.56	
40	PV2 BPSK	50	0	24.41	24.45	24.36	25.0
40	PV2 BPSK	50	26	24.57	24.58	24.55	25.5
40	PV2 BPSK	50	56	24.31	24.33	24.27	
40	PV2 BPSK	100	0	23.91	23.94	23.92	25.0
40	QPSK	1	1	24.49	24.52	24.46	
40	QPSK	1	53	24.20	24.29	24.11	25.5
40	QPSK	1	104	23.99	24.03	23.91	
40	QPSK	50	0	23.39	23.55	23.38	
40	QPSK	50	26	24.14	24.24	24.16	25.5
40	QPSK	50	56	23.36	23.46	23.23	
40	QPSK	100	0	23.30	23.41	23.25	24.5
40	16QAM	1	1	23.29	23.43	23.25	24.5
40	64QAM	1	1	22.22	22.20	22.06	22.0
40	256QAM	1	1	19.93	20.02	19.79	21.0
Channel				517002	519000	520998	
Frequency (MHz)				2593.01	2595	2604.99	
30	PV2 BPSK	1	1	24.40	24.53	24.30	25.5
Channel				516000	519000	522000	
Frequency (MHz)				2590	2595	2610	
20	PV2 BPSK	1	1	24.42	24.47	24.39	25.5
Channel				515502	519000	522498	
Frequency (MHz)				2577.51	2595	2612.49	
15	PV2 BPSK	1	1	24.53	24.63	24.46	25.5
Channel				518004	519000	522996	
Frequency (MHz)				2575.02	2595	2614.98	
10	PV2 BPSK	1	1	24.46	24.53	24.39	25.5

n41_Ant 2							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	
Channel				509202	518598	528900	
Frequency (MHz)				2346.01	2352.99	2360	
100	PV2 BPSK	1	1	23.71	23.75	23.64	
100	PV2 BPSK	1	137	23.61	23.71	23.63	24.5
100	PV2 BPSK	1	271	23.70	23.69	23.70	0.0
100	PV2 BPSK	135	0	23.53	23.48	23.54	24.5
100	PV2 BPSK	135	69	23.51	23.60	23.40	24.5
100	PV2 BPSK	135	138	23.52	23.40	23.33	24.5
100	PV2 BPSK	270	0	23.51	23.57	23.43	24.5
100	QPSK	1	1	23.53	23.52	23.59	
100	QPSK	1	137	23.49	23.55	23.47	24.5
100	QPSK	1	271	23.61	23.56	23.63	
100	QPSK	135	0	23.52	23.52	23.41	
100	QPSK	135	69	23.44	23.53	23.49	24.5
100	QPSK	135	138	23.44	23.50	23.50	
100	QPSK	270	0	22.97	23.02	22.98	24.0
100	16QAM	1	1	23.30	23.28	23.23	24.0
100	64QAM	1	1	21.68	21.84	21.62	22.0
100	256QAM	1	1	19.58	19.65	19.67	20.0
Channel				508200	518598	528996	
Frequency (MHz)				2341 <td>2352.99</td> <td>2364.98</td> <td></td>	2352.99	2364.98	
90	PV2 BPSK	1	1	23.61	23.68	23.56	24.5
Channel				507204	518598	528996	
Frequency (MHz)				2336.02 <td>2352.99</td> <td>2364.98</td> <td></td>	2352.99	2364.98	
80	PV2 BPSK	1	1	23.69	23.47	23.51	24.5
Channel				506200	518598	531000	
Frequency (MHz)				2331.01 <td>2352.99</td> <td>2365</td> <td></td>	2352.99	2365	
70	PV2 BPSK	1	1	23.68	23.71	23.80	24.5
Channel				505200	518598	531096	
Frequency (MHz)				2326 <td>2352.99</td> <td>2359.98</td> <td></td>	2352.99	2359.98	
60	PV2 BPSK	1	1	23.66	23.63	23.57	24.5
Channel				504204	518598	532998	
Frequency (MHz)				2315.01 <td>2352.99</td> <td>2364.99</td> <td></td>	2352.99	2364.99	
50	PV2 BPSK	1	1	23.68	23.66	23.57	24.5
Channel				503202	518598	534000	
Frequency (MHz)				2310.01 <td>2352.99</td> <td>2370</td> <td></td>	2352.99	2370	
40	PV2 BPSK	1	1	23.62	23.65	23.59	24.5
Channel				502200	518598	534996	
Frequency (MHz)				2311 <td>2352.99</td> <td>2374.98</td> <td></td>	2352.99	2374.98	
30	PV2 BPSK	1	1	23.61	23.66	23.55	24.5
Channel				501204	518598	535996	
Frequency (MHz)				2306.02 <td>2352.99</td> <td>2379.99</td> <td></td>	2352.99	2379.99	
20	PV2 BPSK	1	1	23.65	23.71	23.58	24.5



n41_Ant 3											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Intvl (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	Pi2 BPSK	1	1	24.41	24.52	24.43		25.5	0.0		
100	Pi2 BPSK	1	137	24.33	24.40	24.11					
100	Pi2 BPSK	1	271	24.25	24.24	24.21					
100	Pi2 BPSK	135	0	23.89	23.86	23.79	25.0	0.0	0.0		
100	Pi2 BPSK	135	69	24.10	24.25	24.12	25.5				
100	Pi2 BPSK	135	136	23.93	23.62	23.91	25.0				
100	Pi2 BPSK	270	0	23.68	23.78	23.63		0.0	0.0		
100	QPSK	1	1	24.28	24.36	24.31					
100	QPSK	1	137	24.20	24.23	24.18	25.5				
100	QPSK	1	271	24.04	24.16	24.10		0.0	0.0		
100	QPSK	135	0	23.67	23.54	23.66					
100	QPSK	135	69	24.04	24.20	24.12	25.5				
100	QPSK	135	136	23.58	23.56	23.67	25.5	0.0	0.0		
100	QPSK	270	0	23.03	23.16	23.03	24.5				
100	16QAM	1	1	23.56	23.67	23.61	24.5				
100	64QAM	1	1	23.90	22.03	21.94	23.0	4.5	0.0		
100	256QAM	1	1	19.79	19.82	19.83	21.0				
Channel											
Frequency (MHz)											
50	Pi2 BPSK	1	1	24.41	24.52	24.44	25.0	0.0	0.0		
Channel											
Frequency (MHz)											
80	Pi2 BPSK	1	1	24.17	24.49	24.24	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
70	Pi2 BPSK	1	1	24.44	24.49	24.20	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
60	Pi2 BPSK	1	1	24.44	24.52	24.24	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
50	Pi2 BPSK	1	1	24.37	24.44	24.32	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
40	Pi2 BPSK	1	1	24.16	24.42	24.20	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
30	Pi2 BPSK	1	1	24.46	24.50	24.28	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
20	Pi2 BPSK	1	1	24.38	24.46	24.32	25.5	0.0	0.0		

Part27Q n78_Ant 4 HPUE											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Intvl (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
100	Pi2 BPSK	1	1		23.72			25.5	0.0		
100	Pi2 BPSK	1	137		23.57						
100	Pi2 BPSK	1	271		23.37						
100	Pi2 BPSK	135	0		23.56		25.5	0.0	0.0		
100	Pi2 BPSK	135	69		23.60		25.5				
100	Pi2 BPSK	135	136		23.35		25.5				
100	Pi2 BPSK	270	0		23.63			0.0	0.0		
100	QPSK	1	1		23.56						
100	QPSK	1	137		23.61		25.5				
100	QPSK	1	271		23.66			0.0	0.0		
100	QPSK	135	0		23.62						
100	QPSK	135	69		23.56		25.5				
100	QPSK	135	136		23.48			0.0	0.0		
100	QPSK	270	0		23.63		25.5				
100	16QAM	1	1		23.64		25.5				
100	64QAM	1	1		22.20		24.0	1.5	0.0		
100	256QAM	1	1		21.00		22.0				
Channel											
Frequency (MHz)											
90	Pi2 BPSK	1	1	23.61	23.67	23.55	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
80	Pi2 BPSK	1	1	23.58	23.60	23.58	25.0	0.0	0.0		
Channel											
Frequency (MHz)											
70	Pi2 BPSK	1	1	23.61	23.66	23.64	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
60	Pi2 BPSK	1	1	23.61	23.66	23.61	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
50	Pi2 BPSK	1	1	23.59	23.68	23.58	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
40	Pi2 BPSK	1	1	23.54	23.63	23.64	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
30	Pi2 BPSK	1	1	23.61	23.64	23.60	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
20	Pi2 BPSK	1	1	23.63	23.65	23.58	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
15	Pi2 BPSK	1	1	23.62	23.66	23.63	25.5	0.0	0.0		
Channel											
Frequency (MHz)											
10	Pi2 BPSK	1	1	23.64	23.61	23.54	25.5	0.0	0.0		

Part270 n78_Ant 4 HPUE												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up Intvl (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
100	Pi2 BPSK	1	1		23.65		25.5	0.0				
100	Pi2 BPSK	1	137		23.42							
100	Pi2 BPSK	1	271		23.29							
100	Pi2 BPSK	135	0		23.41		25.5	0.0	0.0			
100	Pi2 BPSK	135	69		23.56		25.5					
100	Pi2 BPSK	135	136		23.35		25.5					
100	Pi2 BPSK	270	0		23.63			0.0	0.0			
100	QPSK	1	1		23.47							
100	QPSK	1	137		23.45		25.5					
100	QPSK	1	271		23.36			0.0	0.0			
100	QPSK	135	0		23.29							
100	QPSK	135	69		23.45		25.5					
100	QPSK	135	136		23.24			0.0	0.0			
100	QPSK	270	0		23.29		25.5					
100	16QAM	1	1		23.48		25.5					
100	64QAM	1	1		22.28		24.0	1.5	0.0			
100	256QAM	1	1		20.10		22.0					
Channel												
Frequency (MHz)												
90	Pi2 BPSK	1	1	23.45	23.53	23.87	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
80	Pi2 BPSK	1	1	23.49	23.97	23.54	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
70	Pi2 BPSK	1	1	23.52	23.61	23.49	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
60	Pi2 BPSK	1	1	23.51	23.61	23.51	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
50	Pi2 BPSK	1	1	23.47	23.54	23.56	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
40	Pi2 BPSK	1	1	23.53	23.52	23.55	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
30	Pi2 BPSK	1	1	23.53	23.50	23.57	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
20	Pi2 BPSK	1	1	23.51	23.61	23.56	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
15	Pi2 BPSK	1	1	23.51	23.59	23.55	25.5	0.0	0.0			
Channel												
Frequency (MHz)												
10	Pi2 BPSK	1	1	23.48	23.50	23.48	25.5	0.0	0.0			
Channel												
Frequency (MHz)												

Part27Q n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mide Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	24.15					
100	Pi2 BPSK	1	137	24.10			25.5	0.0	
100	Pi2 BPSK	1	271	24.10					
100	Pi2 BPSK	135	0	24.02			25.5	0.0	
100	Pi2 BPSK	135	69	24.07			25.5	0.0	
100	Pi2 BPSK	135	138	24.08			25.5	0.0	
100	Pi2 BPSK	270	0	24.02					
100	QPSK	1	1	24.07					
100	QPSK	1	137	24.02			25.5	0.0	
100	QPSK	1	271	23.97					
100	QPSK	135	0	24.10					
100	QPSK	135	69	24.02			25.5	0.0	
100	QPSK	135	138	24.11					
100	QPSK	270	0	24.04			25.5	0.0	
100	16QAM	1	1	23.99			25.5	0.0	
100	64QAM	1	1	23.95			25.0	0.5	
100	256QAM	1	1	21.50			23.0	2.5	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	633000	633334	633668	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	632000	633334	634668	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	632000	633334	634668	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	631668	633334	635000	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	631334	633334	635332	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	631000	633334	635668	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	630668	633334	636000	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	630334	633334	636332	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	630000	633334	636668	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	629668	633334	637000	Tune-up Int. (dB)	MPR	

Part27O n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	24.20					
100	Pi2 BPSK	1	137	24.09			25.5	0.0	
100	Pi2 BPSK	1	271	23.97					
100	Pi2 BPSK	135	0	24.06			25.5	0.0	
100	Pi2 BPSK	135	69	24.07			25.5	0.0	
100	Pi2 BPSK	135	138	24.04			25.5	0.0	
100	Pi2 BPSK	270	0	24.01					
100	QPSK	1	1	23.96					
100	QPSK	1	137	24.11			25.5	0.0	
100	QPSK	1	271	23.91					
100	QPSK	135	0	24.07					
100	QPSK	135	69	23.90			25.5	0.0	
100	QPSK	135	138	24.05					
100	QPSK	270	0	23.88			25.5	0.0	
100	16QAM	1	1	21.45			25.5	0.0	
100	64QAM	1	1	21.61			25.0	0.5	
100	256QAM	1	1	21.57			23.0	2.5	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	649668	650000	650332	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	649334	650000	650666	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	649000	650000	651000	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	648668	650000	651666	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	648334	650000	652000	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	648000	650000	652332	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	647668	650000	652666	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	647334	650000	653000	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	647000	650000	653332	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	646668	650000	653666	Tune-up Int. (dB)	MPR	

Part27Q n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Max Ch. / Freq.	Power High Ch. / Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	19.54					
100	Pi2 BPSK	1	137	19.50			20.5	0.0	
100	Pi2 BPSK	1	271	19.45					
100	Pi2 BPSK	135	0	19.41			20.5	0.0	
100	Pi2 BPSK	135	69	19.46			20.5	0.0	
100	Pi2 BPSK	135	138	19.34			20.5	0.0	
100	Pi2 BPSK	270	0	19.42					
100	QPSK	1	1	19.34					
100	QPSK	1	137	19.50			20.5	0.0	
100	QPSK	1	271	19.51					
100	QPSK	135	0	19.43					
100	QPSK	135	69	19.48			20.5	0.0	
100	QPSK	135	138	19.32					
100	QPSK	270	0	19.49			20.5	0.0	
100	16QAM	1	1	19.53			20.5	0.0	
100	64QAM	1	1	19.53			20.5	0.0	
100	256QAM	1	1	19.30			20.5	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	63200	63334	63366	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	63167	63334	63400	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	63133	63334	63467	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	63100	63334	63500	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	63067	63334	63533	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	63033	63334	63567	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	63000	63334	63600	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	62967	63334	63633	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	62933	63334	63667	Tune-up Int. (dB)	MPR	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	62900	63334	63700	Tune-up Int. (dB)	MPR	

Part270 n78_Ant 6 HPUE										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				3750						
100	Pi2 BPSK	1	1		19.58					
100	Pi2 BPSK	1	137		19.41		20.5	0.0		
100	Pi2 BPSK	1	271		19.46		20.5	0.0		
100	Pi2 BPSK	135	0		19.43		20.5	0.0		
100	Pi2 BPSK	135	69		19.32		20.5	0.0		
100	Pi2 BPSK	135	138		19.35		20.5	0.0		
100	Pi2 BPSK	270	0		19.34					
100	QPSK	1	1		19.47		20.5	0.0		
100	QPSK	1	137		19.46					
100	QPSK	1	271		19.48					
100	QPSK	135	0		19.44		20.5	0.0		
100	QPSK	135	69		19.32					
100	QPSK	135	138		19.38					
100	QPSK	270	0		19.32		20.5	0.0		
100	16QAM	1	1		19.43		20.5	0.0		
100	64QAM	1	1		19.41		20.5	0.0		
100	256QAM	1	1		19.45		20.5	0.0		
Channel										
Frequency (MHz)				646668	650000	650332	Tune-up limit (dB)	MPR		
50	Pi2 BPSK	1	1		3743.02	3750	3754.98	19.47	20.5	0.0
Channel										
Frequency (MHz)				647334 <th>650000<th>650666</th><th>Tune-up limit (dB)</th><th>MPR</th><th></th></th>	650000 <th>650666</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650666	Tune-up limit (dB)	MPR		
80	Pi2 BPSK	1	1		3749.01	3750	3759.99	19.47	20.5	0.0
Channel										
Frequency (MHz)				648000 <th>650000</th> <th>651000</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	651000	Tune-up limit (dB)	MPR		
70	Pi2 BPSK	1	1		3735	3750	3765	19.47	20.5	0.0
Channel										
Frequency (MHz)				648668 <th>650000</th> <th>651332<th>Tune-up limit (dB)</th><th>MPR</th><th></th></th>	650000	651332 <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	Tune-up limit (dB)	MPR		
60	Pi2 BPSK	1	1		3730.02	3750	3769.98	19.47	20.5	0.0
Channel										
Frequency (MHz)				649334 <th>650000</th> <th>651666</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	651666	Tune-up limit (dB)	MPR		
50	Pi2 BPSK	1	1		3724.01	3750	3754.99	19.47	20.5	0.0
Channel										
Frequency (MHz)				649000 <th>650000</th> <th>652000</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	652000	Tune-up limit (dB)	MPR		
40	Pi2 BPSK	1	1		3719.01	3750	3764.98	19.47	20.5	0.0
Channel										
Frequency (MHz)				649668 <th>650000</th> <th>652332<th>Tune-up limit (dB)</th><th>MPR</th><th></th></th>	650000	652332 <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	Tune-up limit (dB)	MPR		
30	Pi2 BPSK	1	1		3715.02	3750	3764.98	19.47	20.5	0.0
Channel										
Frequency (MHz)				649334 <th>650000</th> <th>652666</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	652666	Tune-up limit (dB)	MPR		
20	Pi2 BPSK	1	1		3710.01	3750	3769.99	19.47	20.5	0.0
Channel										
Frequency (MHz)				649000 <th>650000</th> <th>653000</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	653000	Tune-up limit (dB)	MPR		
15	Pi2 BPSK	1	1		3705.02	3750	3764.98	19.48	20.5	0.0
Channel										
Frequency (MHz)				649000 <th>650000</th> <th>653000</th> <th>Tune-up limit (dB)</th> <th>MPR</th> <th></th>	650000	653000	Tune-up limit (dB)	MPR		
10	Pi2 BPSK	1	1		3700.01	3750	3769.99	19.43	20.5	0.0

Part27Q n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mode Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				633001	633334	633666			
100	Pi2 BPSK	1	1		18.13		19.5	0.0	
100	Pi2 BPSK	1	137		18.11				
100	Pi2 BPSK	1	271		17.99				
100	Pi2 BPSK	135	0		18.03		19.5	0.0	
100	Pi2 BPSK	135	69		18.05		19.5	0.0	
100	Pi2 BPSK	135	138		17.99		19.5	0.0	
100	Pi2 BPSK	270	0		18.02				
100	QPSK	1	1		18.06				
100	QPSK	1	137		18.05		19.5	0.0	
100	QPSK	1	271		17.84				
100	QPSK	135	0		17.99				
100	QPSK	135	69		18.07		19.5	0.0	
100	QPSK	135	138		17.86				
100	QPSK	270	0		18.01		19.5	0.0	
100	16QAM	1	1		18.02		19.5	0.0	
100	64QAM	1	1		17.96		19.5	0.0	
100	256QAM	1	1		18.07		19.5	0.0	
Channel									
Frequency (MHz)				633000	633334	633666	Tune-up limit (dB)	MPR	
90	Pi2 BPSK	1	1		18.02	18.07	18.00	19.5	0.0
Channel									
Frequency (MHz)				632668	633334	634000	Tune-up limit (dB)	MPR	
80	Pi2 BPSK	1	1		3474.02	3500.01	3524.99	19.5	0.0
Channel									
Frequency (MHz)				632334	633334	634332	Tune-up limit (dB)	MPR	
70	Pi2 BPSK	1	1		3485.01	3500.01	3514.98	19.5	0.0
Channel									
Frequency (MHz)				632000	633334	634000	Tune-up limit (dB)	MPR	
60	Pi2 BPSK	1	1		18.00	18.06	17.97	19.5	0.0
Channel									
Frequency (MHz)				631668	633334	635000	Tune-up limit (dB)	MPR	
50	Pi2 BPSK	1	1		3475.02	3500.01	3524.98	19.5	0.0
Channel									
Frequency (MHz)				631334	633334	635332	Tune-up limit (dB)	MPR	
40	Pi2 BPSK	1	1		18.02	18.08	17.99	19.5	0.0
Channel									
Frequency (MHz)				631000	633334	635666	Tune-up limit (dB)	MPR	
30	Pi2 BPSK	1	1		3483	3500.01	3534.98	19.5	0.0
Channel									
Frequency (MHz)				630668	633334	636000	Tune-up limit (dB)	MPR	
20	Pi2 BPSK	1	1		3460.02	3500.01	3540	19.5	0.0
Channel									
Frequency (MHz)				630334	633334	636332	Tune-up limit (dB)	MPR	
15	Pi2 BPSK	1	1		3475.01	3500.01	3544.98	19.5	0.0
Channel									
Frequency (MHz)				630000	633334	636666	Tune-up limit (dB)	MPR	
10	Pi2 BPSK	1	1		18.03	18.08	17.99	19.5	0.0

Part270 n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				648668	650000	650332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	1	17.63	17.77	17.87	19.5	0.0	
Channel									
Frequency (MHz)				648334	650000	650666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.64	17.78	17.88	19.5	0.0	
Channel									
Frequency (MHz)				648000	650000	651000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.69	17.78	17.89	19.5	0.0	
Channel									
Frequency (MHz)				647668	650000	652332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.69	17.72	17.74	19.5	0.0	
Channel									
Frequency (MHz)				647334	650000	652666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.71	17.75	17.77	19.5	0.0	
Channel									
Frequency (MHz)				647000	650000	653000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.72	17.74	17.76	19.5	0.0	
Channel									
Frequency (MHz)				646668	650000	653332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.73	17.75	17.77	19.5	0.0	
Channel									
Frequency (MHz)				646334	650000	653666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.74	17.76	17.78	19.5	0.0	
Channel									
Frequency (MHz)				646000	650000	654000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.75	17.77	17.79	19.5	0.0	
Channel									
Frequency (MHz)				645668	650000	654332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.76	17.78	17.80	19.5	0.0	
Channel									
Frequency (MHz)				645334	650000	654666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.77	17.79	17.81	19.5	0.0	
Channel									
Frequency (MHz)				645000	650000	655000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.78	17.80	17.82	19.5	0.0	
Channel									
Frequency (MHz)				644668	650000	655332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.79	17.81	17.83	19.5	0.0	
Channel									
Frequency (MHz)				644334	650000	655666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.80	17.82	17.84	19.5	0.0	
Channel									
Frequency (MHz)				644000	650000	656000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.81	17.83	17.85	19.5	0.0	
Channel									
Frequency (MHz)				643668	650000	656332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.82	17.84	17.86	19.5	0.0	
Channel									
Frequency (MHz)				643334	650000	656666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.83	17.85	17.87	19.5	0.0	
Channel									
Frequency (MHz)				643000	650000	657000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.84	17.86	17.88	19.5	0.0	
Channel									
Frequency (MHz)				642668	650000	657332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.85	17.87	17.89	19.5	0.0	
Channel									
Frequency (MHz)				642334	650000	657666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.86	17.88	17.90	19.5	0.0	
Channel									
Frequency (MHz)				642000	650000	658000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.87	17.89	17.91	19.5	0.0	
Channel									
Frequency (MHz)				641668	650000	658332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.88	17.90	17.92	19.5	0.0	
Channel									
Frequency (MHz)				641334	650000	658666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.89	17.91	17.93	19.5	0.0	
Channel									
Frequency (MHz)				641000	650000	659000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.90	17.92	17.94	19.5	0.0	
Channel									
Frequency (MHz)				640668	650000	659332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.91	17.93	17.95	19.5	0.0	
Channel									
Frequency (MHz)				640334	650000	659666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.92	17.94	17.96	19.5	0.0	
Channel									
Frequency (MHz)				640000	650000	660000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.93	17.95	17.97	19.5	0.0	
Channel									
Frequency (MHz)				639668	650000	660332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.94	17.96	17.98	19.5	0.0	
Channel									
Frequency (MHz)				639334	650000	660666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.95	17.97	17.99	19.5	0.0	
Channel									
Frequency (MHz)				639000	650000	661000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.96	17.98	18.00	19.5	0.0	
Channel									
Frequency (MHz)				638668	650000	661332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.97	17.99	18.01	19.5	0.0	
Channel									
Frequency (MHz)				638334	650000	661666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	17.98	18.00	18.02	19.5	0.0	
Channel									
Frequency (MHz)				638000	650000	662000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	17.99	18.01	18.03	19.5	0.0	
Channel									
Frequency (MHz)				637668	650000	662332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.00	18.02	18.04	19.5	0.0	
Channel									
Frequency (MHz)				637334	650000	662666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.01	18.03	18.05	19.5	0.0	
Channel									
Frequency (MHz)				637000	650000	663000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.02	18.04	18.06	19.5	0.0	
Channel									
Frequency (MHz)				636668	650000	663332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.03	18.05	18.07	19.5	0.0	
Channel									
Frequency (MHz)				636334	650000	663666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.04	18.06	18.08	19.5	0.0	
Channel									
Frequency (MHz)				636000	650000	664000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.05	18.07	18.09	19.5	0.0	
Channel									
Frequency (MHz)				635668	650000	664332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.06	18.08	18.10	19.5	0.0	
Channel									
Frequency (MHz)				635334	650000	664666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.07	18.09	18.11	19.5	0.0	
Channel									
Frequency (MHz)				635000	650000	665000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.08	18.10	18.12	19.5	0.0	
Channel									
Frequency (MHz)				634668	650000	665332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.09	18.11	18.13	19.5	0.0	
Channel									
Frequency (MHz)				634334	650000	665666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.10	18.12	18.14	19.5	0.0	
Channel									
Frequency (MHz)				634000	650000	666000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.11	18.13	18.15	19.5	0.0	
Channel									
Frequency (MHz)				633668	650000	666332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.12	18.14	18.16	19.5	0.0	
Channel									
Frequency (MHz)				633334	650000	666666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.13	18.15	18.17	19.5	0.0	
Channel									
Frequency (MHz)				633000	650000	667000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.14	18.16	18.18	19.5	0.0	
Channel									
Frequency (MHz)				632668	650000	667332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.15	18.17	18.19	19.5	0.0	
Channel									
Frequency (MHz)				632334	650000	667666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.16	18.18	18.20	19.5	0.0	
Channel									
Frequency (MHz)				632000	650000	668000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.17	18.19	18.21	19.5	0.0	
Channel									
Frequency (MHz)				631668	650000	668332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.18	18.20	18.22	19.5	0.0	
Channel									
Frequency (MHz)				631334	650000	668666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.19	18.21	18.23	19.5	0.0	
Channel									
Frequency (MHz)				631000	650000	669000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.20	18.22	18.24	19.5	0.0	
Channel									
Frequency (MHz)				630668	650000	669332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.21	18.23	18.25	19.5	0.0	
Channel									
Frequency (MHz)				630334	650000	669666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.22	18.24	18.26	19.5	0.0	
Channel									
Frequency (MHz)				630000	650000	670000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.23	18.25	18.27	19.5	0.0	
Channel									
Frequency (MHz)				629668	650000	670332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.24	18.26	18.28	19.5	0.0	
Channel									
Frequency (MHz)				629334	650000	670666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.25	18.27	18.29	19.5	0.0	
Channel									
Frequency (MHz)				629000	650000	671000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.26	18.28	18.30	19.5	0.0	
Channel									
Frequency (MHz)				628668	650000	671332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.27	18.29	18.31	19.5	0.0	
Channel									
Frequency (MHz)				628334	650000	671666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.28	18.30	18.32	19.5	0.0	
Channel									
Frequency (MHz)				628000	650000	672000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.29	18.31	18.33	19.5	0.0	
Channel									
Frequency (MHz)				627668	650000	672332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.30	18.32	18.34	19.5	0.0	
Channel									
Frequency (MHz)				627334	650000	672666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.31	18.33	18.35	19.5	0.0	
Channel									
Frequency (MHz)				627000	650000	673000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.32	18.34	18.36	19.5	0.0	
Channel									
Frequency (MHz)				626668	650000	673332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.33	18.35	18.37	19.5	0.0	
Channel									
Frequency (MHz)				626334	650000	673666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.34	18.36	18.38	19.5	0.0	
Channel									
Frequency (MHz)				626000	650000	674000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.35	18.37	18.39	19.5	0.0	
Channel									
Frequency (MHz)				625668	650000	674332	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.36	18.38	18.40	19.5	0.0	
Channel									
Frequency (MHz)				625334	650000	674666	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	271	18.37	18.39	18.41	19.5	0.0	
Channel									
Frequency (MHz)				625000	650000	675000	Tune-up limit (dB)	MPR	
100	Pi2 BPSK	1	137	18.38	18.40	18.42	19.5	0.0	
Channel									
Frequency (MHz)									

Reduced DS16 Power for EN-DC NR Main PA

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PV2 BPSK	1	1	24.43	24.58	24.33			
20	PV2 BPSK	1	53	24.41	24.42	24.30	25.5	0.0	
20	PV2 BPSK	1	104	24.34	24.31	24.31			
20	PV2 BPSK	50	0	24.00	24.32	24.06	25.0	0.5	
20	PV2 BPSK	50	28	24.35	24.60	24.28	25.5	0.0	
20	PV2 BPSK	50	56	23.09	23.05	24.06			
20	PV2 BPSK	100	0	24.17	24.48	24.23	25.0	0.5	
20	QPSK	1	1	24.27	24.33	24.23			
20	QPSK	1	53	24.30	24.37	24.30	25.5	0.0	
20	QPSK	1	104	24.30	24.41	24.27			
20	QPSK	50	0	23.28	23.32	23.12	24.5	1.0	
20	QPSK	50	28	24.15	24.32	24.08	25.5	0.0	
20	QPSK	50	56	23.77	23.91	23.76	24.5	1.0	
20	QPSK	100	0	23.36	23.58	23.46			
20	16QAM	1	1	22.90	22.94	22.87	24.5	1.0	
20	64QAM	1	1	21.00	21.02	21.06	23.0	2.5	
20	256QAM	1	1	19.81	19.89	19.80	21.0	4.5	
Channel				166300	167300	168300	Tune-up limit (dB)	MPR	
Frequency (MHz)				831.5	836.5	841.5			
15	PV2 BPSK	1	1	24.38	24.56	24.26	25.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dB)	MPR	
Frequency (MHz)				829	836.5	844			
10	PV2 BPSK	1	1	24.43	24.59	24.27	25.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dB)	MPR	
Frequency (MHz)				826.5	836.5	846.5			
5	PV2 BPSK	1	1	24.40	24.55	24.22	25.5	0.0	

n5_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PV2 BPSK	1	1	22.59	22.72	22.62			
20	PV2 BPSK	1	53	22.53	22.62	22.61	23.5	0.0	
20	PV2 BPSK	1	104	22.50	22.58	22.55			
20	PV2 BPSK	50	0	22.63	22.62	22.58	23.5	0.0	
20	PV2 BPSK	50	28	22.56	22.68	22.58	23.5	0.0	
20	PV2 BPSK	50	56	22.56	22.58	22.55	23.5	0.0	
20	PV2 BPSK	100	0	22.64	22.66	22.58			
20	QPSK	1	1	22.61	22.64	22.54			
20	QPSK	1	53	22.53	22.60	22.51	23.5	0.0	
20	QPSK	1	104	22.49	22.59	22.52			
20	QPSK	50	0	22.62	22.67	22.60	23.5	0.0	
20	QPSK	50	28	22.55	22.62	22.57	23.5	0.0	
20	QPSK	50	56	22.47	22.55	22.47	23.5	0.0	
20	QPSK	100	0	22.59	22.66	22.61			
20	16QAM	1	1	22.62	22.60	22.61	23.5	0.0	
20	64QAM	1	1	21.05	21.70	21.61	23.0	0.5	
20	256QAM	1	1	19.68	19.77	19.72	21.0	2.5	
Channel				166300	167300	168300	Tune-up limit (dB)	MPR	
Frequency (MHz)				831.5	836.5	841.5			
15	PV2 BPSK	1	1	22.68	22.60	22.63	23.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dB)	MPR	
Frequency (MHz)				829	836.5	844			
10	PV2 BPSK	1	1	22.67	22.69	22.63	23.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dB)	MPR	
Frequency (MHz)				826.5	836.5	846.5			
5	PV2 BPSK	1	1	22.66	22.63	22.67	23.5	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2452	2455	2459			
40	PV2 BPSK	1	1	20.81	20.88	20.78			
40	PV2 BPSK	1	108	20.69	20.75	20.72	21.5	0.0	
40	PV2 BPSK	1	214	20.77	20.73	20.74			
40	PV2 BPSK	108	0	20.53	20.69	20.38	21.5	0.0	
40	PV2 BPSK	108	54	20.63	20.80	20.54	21.5	0.0	
40	PV2 BPSK	108	108	20.67	20.55	20.56	21.5	0.0	
40	PV2 BPSK	216	0	20.67	20.66	20.50			
40	QPSK	1	1	20.66	20.77	20.63			
40	QPSK	1	108	20.56	20.64	20.67	21.5	0.0	
40	QPSK	1	214	20.56	20.60	20.63			
40	QPSK	108	0	20.69	20.73	20.57	21.5	0.0	
40	QPSK	108	54	20.54	20.71	20.57	21.5	0.0	
40	QPSK	108	108	20.62	20.54	20.56	21.5	0.0	
40	QPSK	216	0	20.59	20.63	20.62			
40	16QAM	1	1	20.62	20.62	20.50	21.5	0.0	
40	64QAM	1	1	20.71	20.87	20.76	21.5	0.0	
40	256QAM	1	1	20.20	20.26	20.21	21.0	0.5	
Channel				503000	507000	511000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2450	2455	2460			
30	PV2 BPSK	1	1	20.78	20.83	20.70	21.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2412.5	2435	2457.5			
25	PV2 BPSK	1	1	20.72	20.89	20.73	21.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2410	2435	2460			
20	PV2 BPSK	1	1	20.72	20.85	20.74	21.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2407.5	2435	2462.5			
15	PV2 BPSK	1	1	20.78	20.82	20.69	21.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dB)	MPR	
Frequency (MHz)				2405	2435	2465			
10	PV2 BPSK	1	1	20.72	20.81	20.76	21.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dB)	MPR	
Frequency (MHz)				2402.5	2435	2467.5			
5	PV2 BPSK	1	1	20.68	20.77	20.66	21.5	0.0	



n7_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MFR (dB)	
Channel				2500	2535	2560			
40	PI2 BPSK	1	1	20.29	20.38	20.26			
40	PI2 BPSK	1	108	20.31	20.29	20.17	20.7	0.0	
40	PI2 BPSK	1	214	20.23	20.23	20.19			
40	PI2 BPSK	108	0	20.16	20.17	20.09	20.7	0.0	
40	PI2 BPSK	108	54	20.10	20.22	20.16	20.7	0.0	
40	PI2 BPSK	108	108	20.20	20.14	20.05	20.7	0.0	
40	PI2 BPSK	216	0	20.14	20.17	20.16			
40	QPSK	1	1	20.24	20.31	20.25			
40	QPSK	1	108	20.13	20.21	20.21	20.7	0.0	
40	QPSK	1	214	20.07	20.12	20.08			
40	QPSK	108	0	20.13	20.19	20.12	20.7	0.0	
40	QPSK	108	54	20.16	20.16	20.10	20.7	0.0	
40	QPSK	108	108	20.07	20.11	20.10	20.7	0.0	
40	QPSK	216	0	20.18	20.18	20.08			
40	8QAM	1	1	20.20	20.25	20.19	20.7	0.0	
40	8QAM	1	1	20.14	20.22	20.15	20.7	0.0	
40	256QAM	1	1	20.17	20.21	20.15	20.7	0.0	
Channel				503000	507000	511000	Tune-up limit (dB)	MFR	
Frequency (MHz)				2515	2535	2555			
30	PI2 BPSK	1	1	20.17	20.25	20.19	20.7	0.0	
Channel				502500	507000	511500	Tune-up limit (dB)	MFR	
Frequency (MHz)				2512.5	2535	2557.5			
20	PI2 BPSK	1	1	20.17	20.33	20.18	20.7	0.0	
Channel				502000	507000	512000	Tune-up limit (dB)	MFR	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	20.23	20.25	20.20	20.7	0.0	
Channel				501500	507000	512500	Tune-up limit (dB)	MFR	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI2 BPSK	1	1	20.25	20.34	20.19	20.7	0.0	
Channel				501000	507000	513000	Tune-up limit (dB)	MFR	
Frequency (MHz)				2505	2535	2565			
10	PI2 BPSK	1	1	20.25	20.30	20.22	20.7	0.0	
Channel				500500	507000	513500	Tune-up limit (dB)	MFR	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI2 BPSK	1	1	20.20	20.25	20.18	20.7	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MFR (dB)	
Channel				3200	3245	3290			
40	PI2 BPSK	1	1	19.79	19.97	19.87			
40	PI2 BPSK	1	108	19.74	19.95	19.77	20.5	0.0	
40	PI2 BPSK	1	214	19.95	19.91	19.88			
40	PI2 BPSK	108	0	19.74	19.84	19.92	20.5	0.0	
40	PI2 BPSK	108	54	19.76	19.92	19.76	20.5	0.0	
40	PI2 BPSK	108	108	19.78	19.74	19.71	20.5	0.0	
40	PI2 BPSK	216	0	19.74	19.84	19.65			
40	QPSK	1	1	19.92	19.88	19.87			
40	QPSK	1	108	19.92	19.93	19.84	20.5	0.0	
40	QPSK	1	214	19.87	19.92	19.94			
40	QPSK	108	0	19.84	19.73	19.74	20.5	0.0	
40	QPSK	108	54	19.86	19.82	19.71	20.5	0.0	
40	QPSK	108	108	19.87	19.76	19.91	20.5	0.0	
40	QPSK	216	0	19.73	19.77	19.70			
40	16QAM	1	1	19.84	19.71	19.83	20.5	0.0	
40	64QAM	1	1	19.87	19.91	19.82	20.5	0.0	
40	256QAM	1	1	19.39	19.41	19.37	20.0	0.5	
Channel				345000	349000	353000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3225	3245	3265			
30	PI2 BPSK	1	1	19.70	19.87	19.83	20.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3220	3245	3270			
20	PI2 BPSK	1	1	19.68	19.89	19.79	20.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dB)	MFR	
Frequency (MHz)				3217.5	3245	3272.5			
15	PI2 BPSK	1	1	19.72	19.95	19.82	20.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3215	3245	3275			
10	PI2 BPSK	1	1	19.68	19.93	19.80	20.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dB)	MFR	
Frequency (MHz)				3212.5	3245	3277.5			
5	PI2 BPSK	1	1	19.76	19.86	19.74	20.5	0.0	

n66_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MFR (dB)	
Channel				34000	349000	352000			
40	PI2 BPSK	1	1	19.00	19.10	19.07			
40	PI2 BPSK	1	108	19.06	19.07	19.04	20.5	0.0	
40	PI2 BPSK	1	214	19.00	19.07	19.98			
40	PI2 BPSK	108	0	18.99	19.06	19.93	20.5	0.0	
40	PI2 BPSK	108	54	18.94	19.03	19.00	20.5	0.0	
40	PI2 BPSK	108	108	18.99	19.01	18.97	20.5	0.0	
40	PI2 BPSK	216	0	18.96	18.99	18.79			
40	QPSK	1	1	18.93	18.96	19.95			
40	QPSK	1	108	18.85	18.93	18.92	20.5	0.0	
40	QPSK	1	214	19.00	19.92	18.96			
40	QPSK	108	0	18.98	18.95	18.91	20.5	0.0	
40	QPSK	108	54	18.97	19.01	18.94	20.5	0.0	
40	QPSK	108	108	18.96	19.05	19.04	20.5	0.0	
40	QPSK	216	0	18.99	19.03	18.98			
40	16QAM	1	1	18.96	18.97	18.90	20.5	0.0	
40	64QAM	1	1	18.94	18.94	18.87	20.5	0.0	
40	256QAM	1	1	18.41	18.48	18.47	20.0	0.5	
Channel				345000	349000	353000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3225	3245	3265			
30	PI2 BPSK	1	1	18.90	19.06	18.95	20.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3220	3245	3270			
20	PI2 BPSK	1	1	18.99	19.07	19.01	20.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dB)	MFR	
Frequency (MHz)				3217.5	3245	3272.5			
15	PI2 BPSK	1	1	18.92	18.99	18.97	20.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dB)	MFR	
Frequency (MHz)				3215	3245	3275			
10	PI2 BPSK	1	1	18.98	19.02	19.01	20.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dB)	MFR	
Frequency (MHz)				3212.5	3245	3277.5			
5	PI2 BPSK	1	1	18.93	18.99	18.97	20.5	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	21.19	21.25	21.18			
40	PV2 BPSK	1	53	21.09	21.17	21.04	21.5	0.0	
40	PV2 BPSK	1	104	21.13	21.18	21.20			
40	PV2 BPSK	50	0	21.06	21.07	21.10	21.5	0.0	
40	PV2 BPSK	50	26	21.06	21.21	21.09	21.5	0.0	
40	PV2 BPSK	50	56	21.06	21.08	21.00	21.5	0.0	
40	PV2 BPSK	100	0	21.16	21.17	21.10			
40	QPSK	1	1	21.16	21.16	21.16			
40	QPSK	1	53	21.00	21.11	21.08	21.5	0.0	
40	QPSK	1	104	21.17	21.17	21.06			
40	QPSK	50	0	21.06	21.07	21.07			
40	QPSK	50	26	20.98	21.01	20.90	21.5	0.0	
40	QPSK	50	56	21.08	21.11	21.04			
40	QPSK	100	0	21.07	21.10	21.11	21.5	0.0	
40	16QAM	1	1	21.11	21.13	21.18	21.5	0.0	
40	64QAM	1	1	21.22	21.22	21.20	20.5	0.0	
40	256QAM	1	1	20.40	20.49	20.34	18.5	1.0	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	21.04	21.20	21.10	21.5	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	21.00	21.18	21.15	21.5	0.0	
Channel									
Frequency (MHz)									
15	PV2 BPSK	1	1	21.09	21.18	21.08	21.5	0.0	
Channel									
Frequency (MHz)									
10	PV2 BPSK	1	1	21.07	21.22	21.12	21.5	0.0	

n38_Ant 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	20.10	20.19	20.13			
40	PV2 BPSK	1	63	20.10	20.11	20.07	21.0	0.0	
40	PV2 BPSK	1	104	20.08	20.10	20.04			
40	PV2 BPSK	50	0	20.01	20.04	19.97	21.0	0.0	
40	PV2 BPSK	50	26	20.08	20.10	20.03	21.0	0.0	
40	PV2 BPSK	50	56	19.99	20.04	20.02	21.0	0.0	
40	PV2 BPSK	100	0	19.95	20.01	20.01			
40	QPSK	1	1	20.14	20.16	20.11			
40	QPSK	1	53	19.99	20.06	19.98	21.0	0.0	
40	QPSK	1	104	20.05	20.06	20.06			
40	QPSK	50	0	20.02	20.02	19.96			
40	QPSK	50	26	20.00	20.00	19.97	21.0	0.0	
40	QPSK	50	56	19.99	20.03	19.97			
40	QPSK	100	0	20.01	20.06	20.04	21.0	0.0	
40	16QAM	1	1	20.05	20.12	20.04	21.0	0.0	
40	64QAM	1	1	19.99	20.06	20.00	20.0	0.0	
40	256QAM	1	1	20.04	20.14	20.11	21.0	0.0	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	20.01	20.05	20.00	21.0	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	20.08	20.07	20.03	21.0	0.0	
Channel									
Frequency (MHz)									
15	PV2 BPSK	1	1	20.01	20.09	20.06	21.0	0.0	
Channel									
Frequency (MHz)									
10	PV2 BPSK	1	1	20.00	20.08	20.08	21.0	0.0	

n41_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up Int. (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PV2 BPSK	1	1	20.14	20.27	20.15			
100	PV2 BPSK	1	137	20.13	20.18	20.06	21.0	0.0	
100	PV2 BPSK	1	271	20.16	20.19	20.15			
100	PV2 BPSK	135	0	19.96	19.96	19.94	21.0	0.0	
100	PV2 BPSK	135	69	19.97	20.07	19.98	21.0	0.0	
100	PV2 BPSK	135	138	19.95	19.94	19.97	21.0	0.0	
100	PV2 BPSK	270	0	19.95	19.98	19.91			
100	QPSK	1	1	20.02	20.08	20.03			
100	QPSK	1	137	19.99	20.12	19.94	21.0	0.0	
100	QPSK	1	271	20.05	20.05	19.95			
100	QPSK	135	0	19.94	19.97	19.88			
100	QPSK	135	69	19.95	20.00	20.05	21.0	0.0	
100	QPSK	135	138	20.02	19.98	20.00			
100	QPSK	270	0	19.86	19.92	19.94	21.0	0.0	
100	16QAM	1	1	20.01	20.17	20.08	21.0	0.0	
100	64QAM	1	1	20.14	20.15	20.16	21.0	0.0	
100	256QAM	1	1	20.21	20.25	20.20	20.5	0.5	
Channel									
Frequency (MHz)									
90	PV2 BPSK	1	1	20.07	20.18	20.07	21.0	0.0	
Channel									
Frequency (MHz)									
80	PV2 BPSK	1	1	20.09	20.14	20.10	21.0	0.0	
Channel									
Frequency (MHz)									
70	PV2 BPSK	1	1	20.04	20.22	20.11	21.0	0.0	
Channel									
Frequency (MHz)									
60	PV2 BPSK	1	1	20.03	20.17	20.02	21.0	0.0	
Channel									
Frequency (MHz)									
50	PV2 BPSK	1	1	20.10	20.20	20.04	21.0	0.0	
Channel									
Frequency (MHz)									
40	PV2 BPSK	1	1	20.10	20.24	20.04	21.0	0.0	
Channel									
Frequency (MHz)									
30	PV2 BPSK	1	1	20.08	20.14	20.03	21.0	0.0	
Channel									
Frequency (MHz)									
20	PV2 BPSK	1	1	20.03	20.22	20.06	21.0	0.0	



n41_Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	18.51	18.63	18.58			
100	Pi2 BPSK	1	137	18.53	18.61	18.53	19.5	0.0	
100	Pi2 BPSK	1	271	18.44	18.50	18.24			
100	Pi2 BPSK	135	0	18.54	18.51	18.49	19.5	0.0	
100	Pi2 BPSK	135	69	18.58	18.60	18.50	19.5	0.0	
100	Pi2 BPSK	135	136	18.47	18.47	18.29	19.5	0.0	
100	Pi2 BPSK	270	0	18.52	18.55	18.43			
100	QPSK	1	1	18.48	18.49	18.57			
100	QPSK	1	137	18.36	18.40	18.32	19.5	0.0	
100	QPSK	1	271	18.32	18.36	18.42			
100	QPSK	135	0	18.35	18.41	18.32			
100	QPSK	135	69	18.32	18.35	18.40	19.5	0.0	
100	QPSK	135	136	18.29	18.35	18.31			
100	QPSK	270	0	18.27	18.33	18.34	19.5	0.0	
100	16QAM	1	1	18.50	18.51	18.44	19.5	0.0	
100	64QAM	1	1	18.38	18.45	18.40	19.5	0.0	
100	256QAM	1	1	18.39	18.41	18.41	19.5	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	18.49	18.50	18.46	19.5	0.0	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	18.59	18.61	18.60	19.5	0.0	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	18.38	18.62	18.59	19.5	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	18.59	18.61	18.48	19.5	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	18.50	18.60	18.56	19.5	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	18.49	18.61	18.42	19.5	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	18.47	18.50	18.46	19.5	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	18.49	18.58	18.51	19.5	0.0	

Part27Q n78_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1		19.20				
100	Pi2 BPSK	1	137		19.19		21.0	0.0	
100	Pi2 BPSK	1	271		18.92				
100	Pi2 BPSK	135	0		19.00		21.0	0.0	
100	Pi2 BPSK	135	69		19.02		21.0	0.0	
100	Pi2 BPSK	135	136		18.90		21.0	0.0	
100	Pi2 BPSK	270	0		19.00				
100	QPSK	1	1		19.11				
100	QPSK	1	137		19.10		21.0	0.0	
100	QPSK	1	271		19.11				
100	QPSK	135	0		19.06				
100	QPSK	135	69		19.02		21.0	0.0	
100	QPSK	135	136		18.88				
100	QPSK	270	0		19.04		21.0	0.0	
100	16QAM	1	1		19.14		21.0	0.0	
100	64QAM	1	1		19.10		21.0	0.0	
100	256QAM	1	1		19.12		21.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	19.08	19.12	19.04	21.0	0.0	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	19.07	19.14	19.00	21.0	0.0	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	19.02	19.09	19.08	21.0	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	19.09	19.16	19.01	21.0	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	19.11	19.16	19.09	21.0	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	19.10	19.17	19.09	21.0	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	19.12	19.13	19.03	21.0	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	19.02	19.10	19.03	21.0	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	19.10	19.07	19.00	21.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	19.03	19.13	19.02	21.0	0.0	

Part270 n78_Ant 4 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1		19.08				
100	Pi2 BPSK	1	137		18.83		21.0	0.0	
100	Pi2 BPSK	1	271		18.76				
100	Pi2 BPSK	135	0		18.98		21.0	0.0	
100	Pi2 BPSK	135	69		19.05		21.0	0.0	
100	Pi2 BPSK	135	136		18.84		21.0	0.0	
100	Pi2 BPSK	270	0		19.00				
100	QPSK	1	1		19.06				
100	QPSK	1	137		18.96		21.0	0.0	
100	QPSK	1	271		18.86				
100	QPSK	135	0		18.80				
100	QPSK	135	69		18.94		21.0	0.0	
100	QPSK	135	136		18.70				
100	QPSK	270	0		18.85		21.0	0.0	
100	16QAM	1	1		18.99		21.0	0.0	
100	64QAM	1	1		18.94		21.0	0.0	
100	256QAM	1	1		18.85		21.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	19.05	19.01	19.01	21.0	0.0	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	18.98	18.96	19.04	21.0	0.0	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	19.04	19.03	19.08	21.0	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	19.03	18.97	19.02	21.0	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	19.03	19.02	19.04	21.0	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	18.99	18.98	18.92	21.0	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	19.05	18.97	19.06	21.0	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	19.06	18.99	18.87	21.0	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	18.92	19.01	19.90	21.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	18.91	18.99	19.90	21.0	0.0	

Part27Q n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	16.64					
100	Pi2 BPSK	1	137	16.52			18.0	0.0	
100	Pi2 BPSK	1	271	16.59					
100	Pi2 BPSK	135	0	16.44			18.0	0.0	
100	Pi2 BPSK	135	69	16.54			18.0	0.0	
100	Pi2 BPSK	135	138	16.48			18.0	0.0	
100	Pi2 BPSK	270	0	16.44					
100	QPSK	1	1	16.39					
100	QPSK	1	137	16.54			18.0	0.0	
100	QPSK	1	271	16.56					
100	QPSK	135	0	16.31			18.0	0.0	
100	QPSK	135	69	16.46					
100	QPSK	135	138	16.47					
100	QPSK	270	0	16.44				0.0	
100	16QAM	1	1	16.52			18.0	0.0	
100	64QAM	1	1	16.44			18.0	0.0	
100	256QAM	1	1	16.25			18.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	16.50	16.51	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	16.53	16.52	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	16.48	16.59	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	16.54	16.59	16.53	18.0	0.0	MPR
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	16.52	16.54	16.48	18.0	0.0	MPR
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	16.53	16.49	16.53	18.0	0.0	MPR
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	16.54	16.50	16.48	18.0	0.0	MPR
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	16.54	16.59	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	16.51	16.52	16.48	18.0	0.0	MPR
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	16.52	16.51	16.54	18.0	0.0	MPR

Part27O n78_Ant 5 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	16.55					
100	Pi2 BPSK	1	137	16.51			18.0	0.0	
100	Pi2 BPSK	1	271	16.57					
100	Pi2 BPSK	135	0	16.48			18.0	0.0	
100	Pi2 BPSK	135	69	16.53			18.0	0.0	
100	Pi2 BPSK	135	138	16.58			18.0	0.0	
100	Pi2 BPSK	270	0	16.49					
100	QPSK	1	1	16.46					
100	QPSK	1	137	16.55			18.0	0.0	
100	QPSK	1	271	16.63					
100	QPSK	135	0	16.46			18.0	0.0	
100	QPSK	135	69	16.55					
100	QPSK	135	138	16.50					
100	QPSK	270	0	16.44			18.0	0.0	
100	16QAM	1	1	16.53			18.0	0.0	
100	64QAM	1	1	16.55			18.0	0.0	
100	256QAM	1	1	16.42			18.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	16.54	16.50	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	16.52	16.42	16.46	18.0	0.0	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	16.56	16.53	16.50	18.0	0.0	MPR
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	16.50	16.51	16.50	18.0	0.0	MPR
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	16.52	16.57	16.48	18.0	0.0	MPR
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	16.50	16.53	16.45	18.0	0.0	MPR
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	16.55	16.56	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	16.55	16.52	16.51	18.0	0.0	MPR
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	16.56	16.50	16.49	18.0	0.0	MPR
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	16.50	16.55	16.49	18.0	0.0	MPR

Part27Q n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limt (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	15.54					
100	Pi2 BPSK	1	137	15.45			16.5	0.0	
100	Pi2 BPSK	1	271	15.35					
100	Pi2 BPSK	135	0	15.38			16.5	0.0	
100	Pi2 BPSK	135	69	15.43			16.5	0.0	
100	Pi2 BPSK	135	138	15.29			16.5	0.0	
100	Pi2 BPSK	270	0	15.39					
100	QPSK	1	1	15.33					
100	QPSK	1	137	15.44			16.5	0.0	
100	QPSK	1	271	15.36					
100	QPSK	135	0	15.27			16.5	0.0	
100	QPSK	135	69	15.47					
100	QPSK	135	138	15.28					
100	QPSK	270	0	15.43			16.5	0.0	
100	16QAM	1	1	15.41			16.5	0.0	
100	64QAM	1	1	15.40			16.5	0.0	
100	256QAM	1	1	15.31			16.5	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	15.43	15.41	15.39	16.5	0.0	MPR
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	15.38	15.40	15.37	16.5	0.0	MPR
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	15.42	15.42	15.38	16.5	0.0	MPR
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	15.39	15.43	15.42	16.5	0.0	MPR
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	15.37	15.42	15.44	16.5	0.0	MPR
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	15.40	15.50	15.34	16.5	0.0	MPR
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	15.40	16.48	15.38	16.5	0.0	MPR
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	15.45	15.41	15.44	16.5	0.0	MPR
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	15.37	15.50	15.41	16.5	0.0	MPR
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	15.40	15.47	15.35	16.5	0.0	MPR

Part270 n78_Ant 6 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3745	15.55				
100	Pi2 BPSK	1	137		15.54		16.5	0.0	
100	Pi2 BPSK	1	271		15.46				
100	Pi2 BPSK	135	0		15.49		16.5	0.0	
100	Pi2 BPSK	135	69		15.50		16.5	0.0	
100	Pi2 BPSK	135	136		15.43		16.5	0.0	
100	Pi2 BPSK	270	0		15.45				
100	QPSK	1	1		15.47				
100	QPSK	1	137		15.39		16.5	0.0	
100	QPSK	1	271		15.32				
100	QPSK	135	0		15.39				
100	QPSK	135	69		15.53		16.5	0.0	
100	QPSK	135	136		15.53				
100	QPSK	270	0		15.52		16.5	0.0	
100	16QAM	1	1		15.48		16.5	0.0	
100	64QAM	1	1		15.54		16.5	0.0	
100	256QAM	1	1		15.49		16.5	0.0	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	646668	650000	650332	Time-up limit (dB)	MPR	
				3745.02	3750	3745.98			
50	Pi2 BPSK	1	1		15.46	15.52	15.36	16.5	0.0
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	648334	650000	650666	Time-up limit (dB)	MPR	
				3749.01	3750	3759.99			
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	649668	650000	651332	Time-up limit (dB)	MPR	
				15.47	15.44	15.39		16.5	0.0
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	648334	650000	651666	Time-up limit (dB)	MPR	
				3739.02	3750	3769.98			
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	648000	650000	652000	Time-up limit (dB)	MPR	
				15.47	15.44	15.45		16.5	0.0
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	647668	650000	652332	Time-up limit (dB)	MPR	
				3729.01	3750	3764.99			
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	647000	650000	653000	Time-up limit (dB)	MPR	
				15.39	15.50	15.45		16.5	0.0
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	647168	650000	652832	Time-up limit (dB)	MPR	
				15.37	15.44	15.39		16.5	0.0
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	647000	650000	653000	Time-up limit (dB)	MPR	
				15.38	15.42	15.45		16.5	0.0
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	647000	650000	653000	Time-up limit (dB)	MPR	
				15.43	15.42	15.40		16.5	0.0

Part27Q n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Mid Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3693.01	13.63				
100	Pi2 BPSK	1	137		13.61		15.0	0.0	
100	Pi2 BPSK	1	271		13.46				
100	Pi2 BPSK	135	0		13.56		15.0	0.0	
100	Pi2 BPSK	135	69		13.59		15.0	0.0	
100	Pi2 BPSK	135	136		13.49		15.0	0.0	
100	Pi2 BPSK	270	0		13.54				
100	QPSK	1	1		13.56				
100	QPSK	1	137		13.59		15.0	0.0	
100	QPSK	1	271		13.43				
100	QPSK	135	0		13.61				
100	QPSK	135	69		13.55		15.0	0.0	
100	QPSK	135	136		13.40				
100	QPSK	270	0		13.54		15.0	0.0	
100	16QAM	1	1		13.55		15.0	0.0	
100	64QAM	1	1		13.43		15.0	0.0	
100	256QAM	1	1		13.59		15.0	0.0	
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	633000	633334	633666	Time-up limit (dB)	MPR	
				3465	3500.01	3544.99			
90	Pi2 BPSK	1	1		13.51	13.51	13.53	15.0	0.0
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	632668	633334	634000	Time-up limit (dB)	MPR	
				3490.02	3500.01	3510			
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	632000	633334	634666	Time-up limit (dB)	MPR	
				13.46	13.57	13.51	15.0	0.0	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	631668	633334	635000	Time-up limit (dB)	MPR	
				3480	3500.01	3519.99			
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	631334	633334	635666	Time-up limit (dB)	MPR	
				13.46	13.52	13.47	15.0	0.0	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	631000	633334	636000	Time-up limit (dB)	MPR	
				13.47	13.50	13.53	15.0	0.0	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	630668	633334	636666	Time-up limit (dB)	MPR	
				13.46	13.57	13.44	15.0	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	630334	633334	637000	Time-up limit (dB)	MPR	
				13.51	13.54	13.44	15.0	0.0	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	630000	633334	637332	Time-up limit (dB)	MPR	
				13.55	13.50	13.52	15.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	629668	633334	637666	Time-up limit (dB)	MPR	
				13.57	13.50	13.44	15.0	0.0	

Part270 n78_Ant 7 HPUE									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pi2 BPSK	1	1	3750	13.34				
100	Pi2 BPSK	1	137		13.23		15.0		0.0
100	Pi2 BPSK	1	271		13.06				
100	Pi2 BPSK	135	0		13.21		15.0		0.0
100	Pi2 BPSK	135	69		13.25		15.0		0.0
100	Pi2 BPSK	135	136		13.06		15.0		0.0
100	Pi2 BPSK	270	0		13.16				
100	QPSK	1	1		13.16				
100	QPSK	1	137		13.23		15.0		0.0
100	QPSK	1	271		13.14				
100	QPSK	135	0		13.14				
100	QPSK	135	69		13.25		15.0		0.0
100	QPSK	135	136		13.01				
100	QPSK	270	0		13.30		15.0		0.0
100	16QAM	1	1		13.29		15.0		0.0
100	64QAM	1	1		13.27		15.0		0.0
100	256QAM	1	1		13.33		15.0		0.0
Channel									
Frequency (MHz)									
90	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
80	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
70	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
60	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
50	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
15	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	649668	650000	650332	Time-up limit (dB)	MPR	



Default Power for EN-DC NR Other PA

n66_Ant 0									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Cat. 1 (dBm)	Power Cat. 2 (dBm)	Power Cat. 3 (dBm)	Power Cat. 4 (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	F1DC BPSK	1	1	22.16	22.16	22.17			
40	F1DC BPSK	1	108	22.16	22.24	22.21			0.5
40	F1DC BPSK	1	108	22.16	22.28	22.21			
40	F1DC BPSK	108	5	22.12	22.18	22.18			0.5
40	F1DC BPSK	108	54	22.16	22.24	22.18			0.5
40	F1DC BPSK	108	108	22.12	22.21	22.22			0.5
40	F1DC BPSK	108	5	22.16	22.22	22.16			
40	CPFSK	1	1	22.17	22.22	22.18			
40	CPFSK	1	108	22.13	22.18	22.13			0.5
40	CPFSK	1	204	22.15	22.19	22.15			
40	CPFSK	108	5	22.12	22.14	22.12			1.0
40	CPFSK	108	54	22.12	22.28	22.14			0.5
40	CPFSK	108	108	22.16	22.18	22.16			1.0
40	CPFSK	204	5	22.14	22.11	22.16			
40	NRSSM	1	1	22.00	22.00	22.07			0.5
40	NRSSM	1	1	22.04	22.01	22.04			0.5
40	NRSSM	1	1	18.17	18.22	18.15	18.6	4.5	
Channel									
36	F1DC BPSK	1	1	22.05	22.05	22.15	22.5	0.5	
Channel									
20	F1DC BPSK	1	1	22.07	22.21	22.21	23.3	0.5	
Channel									
16	F1DC BPSK	1	1	22.08	22.22	22.24	23.3	0.5	
Channel									
10	F1DC BPSK	1	1	22.09	22.26	22.26	23.3	0.5	
Channel									
5	F1DC BPSK	1	1	22.09	22.24	22.14	23.3	0.5	
Channel									
5	F1DC BPSK	1	1	22.07	22.14	22.13	23.3	0.5	

n66_Ant 1									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Cat. 1 (dBm)	Power Cat. 2 (dBm)	Power Cat. 3 (dBm)	Power Cat. 4 (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	F1DC BPSK	1	1	22.07	22.08	22.07			
40	F1DC BPSK	1	108	22.02	22.07	22.01	24.1	0.5	
40	F1DC BPSK	1	204	22.07	22.12	22.12			
40	F1DC BPSK	108	5	22.04	22.01	22.07	22.0	0.5	
40	F1DC BPSK	108	54	22.01	22.03	22.02	24.0	0.5	
40	F1DC BPSK	108	108	22.07	22.09	22.07	22.0	0.5	
40	F1DC BPSK	204	5	22.02	22.02	22.02			
40	CPFSK	1	1	22.04	22.03	22.03			
40	CPFSK	1	108	22.02	22.02	22.02	24.0	0.5	
40	CPFSK	1	204	22.07	22.03	22.04			
40	CPFSK	108	5	22.01	22.02	22.01	22.0	1.0	
40	CPFSK	108	54	22.01	22.02	22.02	24.0	0.5	
40	CPFSK	108	108	22.02	22.02	22.02	22.0	0.5	
40	CPFSK	204	5	22.01	22.02	22.02			
40	NRSSM	1	1	22.01	22.02	22.02	22.0	0.5	
40	NRSSM	1	1	22.01	22.02	22.02	22.0	0.5	
40	NRSSM	1	1	18.01	18.02	18.02	18.5	4.5	
Channel									
36	F1DC BPSK	1	1	22.07	22.02	22.07	24.0	0.5	
Channel									
20	F1DC BPSK	1	1	22.02	22.02	22.02	24.0	0.5	
Channel									
16	F1DC BPSK	1	1	22.02	22.02	22.02	24.0	0.5	
Channel									
10	F1DC BPSK	1	1	22.02	22.02	22.02	24.0	0.5	
Channel									
5	F1DC BPSK	1	1	22.02	22.02	22.02	24.0	0.5	

n66_Ant 2									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Cat. 1 (dBm)	Power Cat. 2 (dBm)	Power Cat. 3 (dBm)	Power Cat. 4 (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	F1DC BPSK	1	1	21.08	21.14	21.08			
40	F1DC BPSK	1	108	21.08	21.10	21.10	22.0	0.5	
40	F1DC BPSK	1	204	21.05	21.04	21.05			
40	F1DC BPSK	108	5	21.01	21.08	21.04	22.0	0.5	
40	F1DC BPSK	108	54	21.02	21.07	21.04	22.0	0.5	
40	F1DC BPSK	108	108	21.02	21.08	21.07	22.0	0.5	
40	F1DC BPSK	204	5	21.04	21.02	21.02			
40	CPFSK	1	1	21.04	21.01	21.02			
40	CPFSK	1	108	21.04	21.04	21.07	22.0	0.5	
40	CPFSK	1	204	21.03	21.05	21.05			
40	CPFSK	108	5	21.02	21.01	21.07	22.0	1.0	
40	CPFSK	108	54	21.02	21.07	21.02	22.0	0.5	
40	CPFSK	108	108	21.01	21.04	21.04	22.0	1.0	
40	CPFSK	204	5	21.04	21.04	21.03			
40	NRSSM	1	1	21.04	21.07	21.02	22.0	1.0	
40	NRSSM	1	1	18.05	18.04	18.05	18.5	4.5	
40	NRSSM	1	1	17.07	17.05	17.05	18.5	4.5	
Channel									
36	F1DC BPSK	1	1	21.05	21.01	21.05	22.0	0.5	
Channel									
20	F1DC BPSK	1	1	21.02	21.08	21.04	22.0	0.5	
Channel									
16	F1DC BPSK	1	1	21.03	21.05	21.02	22.0	0.5	
Channel									
10	F1DC BPSK	1	1	21.03	21.05	21.05	22.0	0.5	
Channel									
5	F1DC BPSK	1	1	21.03	21.06	21.02	22.0	0.5	

n66_Ant 3									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Cat. 1 (dBm)	Power Cat. 2 (dBm)	Power Cat. 3 (dBm)	Power Cat. 4 (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	F1DC BPSK	1	1	20.04	20.13	20.07			
40	F1DC BPSK	1	108	20.02	20.10	20.04	22.0	0.5	
40	F1DC BPSK	1	204	20.02	20.12	20.02			
40	F1DC BPSK	108	5	20.02	20.02	20.07	22.0	0.5	
40	F1DC BPSK	108	54	20.02	20.02	20.04	22.0	0.5	
40	F1DC BPSK	108	108	20.07	20.07	20.07	22.0	0.5	
40	F1DC BPSK	204	5	20.02	20.02	20.02			
40	CPFSK	1	1	20.02	20.04	20.02			
40	CPFSK	1	108	20.02	20.12	20.02	22.0	0.5	
40	CPFSK	1	204	20.11	20.09	20.09			
40	CPFSK	108	5	20.02	20.04	20.02	21.0	1.0	
40	CPFSK	108	54	20.02	20.07	20.02	22.0	0.5	
40	CPFSK	108	108	20.02	20.04	20.02	21.0	1.0	
40	CPFSK	204	5	20.02	20.04	20.02			
40	NRSSM	1	1	20.02	20.02	20.02	21.0	0.5	
40	NRSSM	1	1	18.02	18.02	18.02	18.5	4.5	
40	NRSSM	1	1	16.07	16.05	16.05	18.5	4.5	
Channel									
36	F1DC BPSK	1	1	20.02	20.02	20.02	22.0	0.5	
Channel									
20	F1DC BPSK	1	1	20.02	20.02	20.02	22.0	0.5	
Channel									
15	F1DC BPSK	1	1	20.02	20.02	20.02	22.0	0.5	
Channel									
10	F1DC BPSK	1	1	20.02	20.02	20.02	22.0	0.5	
Channel									
5	F1DC BPSK	1	1	20.02	20.02	20.02	22.0	0.5	



Reduced DSH1 Power for EN-DC NR Other PA

n66_Ant 0									
Dev (MHz)	Modulation	RB Size	RB Offset	Power 24.174 30000	Power 24.174 30000	Power 24.174 30000	Power 24.174 30000	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	22.18	22.18	22.17			
40	PUSCH BPSK	1	108	22.16	22.24	22.21	23.5	0.5	
40	PUSCH BPSK	1	108	22.16	22.24	22.21			
40	PUSCH BPSK	108	5	22.12	22.18	22.18	23.5	0.5	
40	PUSCH BPSK	108	54	22.10	22.24	22.18	23.5	0.5	
40	PUSCH BPSK	108	108	22.12	22.21	22.22	23.5	0.5	
40	PUSCH BPSK	108	5	22.10	22.21	22.10			
40	CPUSF	1	1	22.17	22.22	22.18			
40	CPUSF	1	108	22.13	22.13	22.13	23.5	0.5	
40	CPUSF	1	204	22.12	22.18	22.15			
40	CPUSF	108	5	22.12	22.14	22.12	23.4	1.0	
40	CPUSF	108	54	22.12	22.22	22.14	23.5	0.5	
40	CPUSF	108	108	22.10	22.16	22.14	22.5	1.0	
40	CPUSF	204	5	22.04	22.01	21.76			
40	PCFICH	1	1	22.00	22.00	22.07	22.5	1.0	
40	PCFICH	1	1	22.04	22.01	22.04	22.5	1.0	
40	PCFICH	1	1	18.17	18.22	18.13	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	22.05	22.05	22.05	23.5	0.5	
Channel									
20	PUSCH BPSK	1	1	22.07	22.21	22.21	23.5	0.5	
Channel									
16	PUSCH BPSK	1	1	22.13	22.24	22.24	23.5	0.5	
Channel									
10	PUSCH BPSK	1	1	22.12	22.14	22.14	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	22.07	22.14	22.13	23.5	0.5	

n66_Ant 1									
Dev (MHz)	Modulation	RB Size	RB Offset	Power 14.43 30000	Power 14.43 30000	Power 14.43 30000	Power 14.43 30000	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	14.43	14.43	14.43			
40	PUSCH BPSK	1	108	14.40	14.52	14.45	15.5	0.5	
40	PUSCH BPSK	1	204	14.32	14.57	14.44			
40	PUSCH BPSK	108	5	14.43	14.43	14.43	15.5	0.5	
40	PUSCH BPSK	108	54	14.33	14.57	14.43	15.5	0.5	
40	PUSCH BPSK	108	108	14.31	14.59	14.37	15.5	0.5	
40	PUSCH BPSK	204	5	14.43	14.57	14.57	15.5	0.5	
40	CPUSF	1	1	14.43	14.47	14.43			
40	CPUSF	1	108	14.40	14.50	14.45	15.5	0.5	
40	CPUSF	1	204	14.39	14.59	14.49			
40	CPUSF	108	5	14.43	14.50	14.50	15.5	0.5	
40	CPUSF	108	54	14.33	14.53	14.49	15.5	0.5	
40	CPUSF	108	108	14.31	14.53	14.54	15.5	0.5	
40	CPUSF	204	5	14.43	14.53	14.54	15.5	0.5	
40	PCFICH	1	1	14.38	14.48	14.33	15.5	0.5	
40	PCFICH	1	1	14.33	14.33	14.33	15.5	0.5	
40	PCFICH	1	1	14.40	14.40	14.42	15.5	0.5	
Channel									
30	PUSCH BPSK	1	1	14.33	14.43	14.42	15.5	0.5	
Channel									
20	PUSCH BPSK	1	1	14.30	14.44	14.30	15.5	0.5	
Channel									
16	PUSCH BPSK	1	1	14.33	14.44	14.33	15.5	0.5	
Channel									
10	PUSCH BPSK	1	1	14.33	14.44	14.33	15.5	0.5	
Channel									
5	PUSCH BPSK	1	1	14.33	14.44	14.33	15.5	0.5	

n66_Ant 2									
Dev (MHz)	Modulation	RB Size	RB Offset	Power 21.65 30000	Power 21.65 30000	Power 21.65 30000	Power 21.65 30000	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	21.65	21.74	21.65			
40	PUSCH BPSK	1	108	21.65	21.70	21.70	23.5	0.5	
40	PUSCH BPSK	1	108	21.65	21.74	21.70			
40	PUSCH BPSK	108	5	21.61	21.58	21.54	23.5	0.5	
40	PUSCH BPSK	108	54	21.62	21.67	21.64	23.5	0.5	
40	PUSCH BPSK	108	108	21.62	21.58	21.57	23.5	0.5	
40	PUSCH BPSK	204	5	21.64	21.62	21.60			
40	CPUSF	1	1	21.64	21.71	21.65			
40	CPUSF	1	108	21.61	21.61	21.67	23.5	0.5	
40	CPUSF	1	204	21.63	21.65	21.65			
40	CPUSF	108	5	21.62	21.61	21.67	23.4	1.0	
40	CPUSF	108	54	21.62	21.67	21.58	23.5	0.5	
40	CPUSF	108	108	21.61	21.64	21.58	23.5	1.0	
40	CPUSF	204	5	21.18	21.24	21.38	23.5	1.0	
40	PCFICH	1	1	21.34	21.47	21.42	23.5	1.0	
40	PCFICH	1	1	21.35	21.34	21.35	23.5	1.0	
40	PCFICH	1	1	17.67	17.75	17.75	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	21.65	21.71	21.65	23.5	0.5	
Channel									
20	PUSCH BPSK	1	1	21.62	21.68	21.48	23.5	0.5	
Channel									
16	PUSCH BPSK	1	1	21.53	21.65	21.56	23.5	0.5	
Channel									
10	PUSCH BPSK	1	1	21.52	21.55	21.55	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	21.48	21.52	21.52	23.5	0.5	

n66_Ant 3									
Dev (MHz)	Modulation	RB Size	RB Offset	Power 16.58 30000	Power 16.58 30000	Power 16.58 30000	Power 16.58 30000	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	16.58	16.58	16.58			
40	PUSCH BPSK	1	108	16.53	16.52	16.55	16.5	0.5	
40	PUSCH BPSK	1	204	16.52	16.52	16.52			
40	PUSCH BPSK	108	5	16.50	16.49	16.51	16.5	0.5	
40	PUSCH BPSK	108	54	16.50	16.53	16.52	16.5	0.5	
40	PUSCH BPSK	108	108	16.52	16.52	16.52	16.5	0.5	
40	PUSCH BPSK	204	5	16.52	16.52	16.52			
40	CPUSF	1	1	16.53	16.53	16.53			
40	CPUSF	1	108	16.53	16.53	16.53	16.5	0.5	
40	CPUSF	1	204	16.53	16.53	16.53			
40	CPUSF	108	5	16.53	16.54	16.54	16.5	0.5	
40	CPUSF	108	54	16.54	16.52	16.52	16.5	0.5	
40	CPUSF	108	108	16.54	16.52	16.52	16.5	0.5	
40	CPUSF	204	5	16.54	16.52	16.52	16.5	0.5	
40	PCFICH	1	1	16.51	16.50	16.54	16.5	0.5	
40	PCFICH	1	1	16.51	16.51	16.51	16.5	0.5	
40	PCFICH	1	1	16.53	16.52	16.52	16.5	0.5	
Channel									
30	PUSCH BPSK	1	1	16.53	16.53	16.53	16.5	0.5	
Channel									
20	PUSCH BPSK	1	1	16.50	16.54	16.50	16.5	0.5	
Channel									
15	PUSCH BPSK	1	1	16.50	16.54	16.54	16.5	0.5	
Channel									
10	PUSCH BPSK	1	1	16.54	16.54	16.54	16.5	0.5	
Channel									
5	PUSCH BPSK	1	1	16.52	16.52	16.52	16.5	0.5	
Channel									
5	PUSCH BPSK	1	1	16.52	16.52	16.52	16.5	0.5	



Reduced DSI3 Power for EN-DC NR Other PA

n66_Ant 0									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (Frac) 340000	Power Max (Frac) 340000	Power High C2 (Frac) 340000	Time-up time (sec)	APR3 (dB)	
Channel									
Frequency (MHz)									
40	PUSCH BPSK	1	1	22.16	22.28	22.17			
40	PUSCH BPSK	1	108	22.16	22.24	22.21	23.5	0.5	
40	PUSCH BPSK	1	108	22.16	22.28	22.21			
40	PUSCH BPSK	108	5	22.12	22.18	22.16	23.5	0.5	
40	PUSCH BPSK	108	34	22.16	22.24	22.18	23.5	0.5	
40	PUSCH BPSK	108	108	22.12	22.21	22.22	23.5	0.5	
40	PUSCH BPSK	108	5	22.16	22.21	22.15			
40	CPUSC	1	1	22.17	22.22	22.18			
40	CPUSC	1	108	22.13	22.18	22.13	23.5	0.5	
40	CPUSC	1	204	22.12	22.18	22.15			
40	CPUSC	108	5	22.12	22.14	22.12	23.5	0.5	
40	CPUSC	108	34	22.12	22.28	22.14	23.5	0.5	
40	CPUSC	108	108	22.16	22.18	22.14	23.5	1.0	
40	CPUSC	204	5	22.14	22.18	22.16			
40	CPUSC	204	5	22.16	22.21	22.17	23.5	1.0	
40	NRSS	1	1	22.24	22.41	22.34	23.5	2.5	
40	NRSS	1	1	18.17	18.22	18.15	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	22.05	22.06	22.05	23.5	0.5	
Channel									
20	PUSCH BPSK	1	1	22.07	22.21	22.21	23.5	0.5	
Channel									
16	PUSCH BPSK	1	1	22.08	22.22	22.24	23.5	0.5	
Channel									
10	PUSCH BPSK	1	1	22.10	22.14	22.14	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	22.07	22.14	22.13	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	22.07	22.14	22.13	23.5	0.5	

n66_Ant 1									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (Frac) 340000	Power Max (Frac) 340000	Power High C2 (Frac) 340000	Time-up time (sec)	APR3 (dB)	
Channel									
Frequency (MHz)									
40	PUSCH BPSK	1	1	18.16	18.20	18.18			
40	PUSCH BPSK	1	108	18.16	18.20	18.17	19.5	0.5	
40	PUSCH BPSK	1	204	18.14	18.20	18.18			
40	PUSCH BPSK	108	5	18.12	18.14	18.13	19.5	0.5	
40	PUSCH BPSK	108	34	18.16	18.20	18.18	19.5	0.5	
40	PUSCH BPSK	108	108	18.12	18.27	18.20	19.5	0.5	
40	PUSCH BPSK	204	5	18.12	18.20	18.19			
40	CPUSC	1	1	18.17	18.19	18.18			
40	CPUSC	1	108	18.13	18.17	18.16	19.5	0.5	
40	CPUSC	1	204	18.12	18.19	18.19			
40	CPUSC	108	5	18.12	18.13	18.13	19.5	0.5	
40	CPUSC	108	34	18.12	18.24	18.19	19.5	0.5	
40	CPUSC	108	108	18.16	18.19	18.18	19.5	0.5	
40	CPUSC	204	5	18.14	18.19	18.18			
40	NRSS	1	1	18.14	18.21	18.20	19.5	0.5	
40	NRSS	1	1	17.17	17.24	17.20	19.5	2.5	
40	NRSS	1	1	17.62	17.74	17.68	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	18.20	18.26	18.23	19.5	0.5	
Channel									
20	PUSCH BPSK	1	1	18.20	18.26	18.21	19.5	0.5	
Channel									
16	PUSCH BPSK	1	1	18.20	18.26	18.21	19.5	0.5	
Channel									
10	PUSCH BPSK	1	1	18.20	18.26	18.21	19.5	0.5	
Channel									
5	PUSCH BPSK	1	1	18.16	18.16	18.16	19.5	0.5	

n66_Ant 2									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (Frac) 340000	Power Max (Frac) 340000	Power High C2 (Frac) 340000	Time-up time (sec)	APR3 (dB)	
Channel									
Frequency (MHz)									
40	PUSCH BPSK	1	1	21.14	21.25	21.17			
40	PUSCH BPSK	1	108	21.16	21.20	21.17	23.5	0.5	
40	PUSCH BPSK	1	108	21.05	21.10	21.05			
40	PUSCH BPSK	108	5	21.09	21.11	21.04	23.5	0.5	
40	PUSCH BPSK	108	34	21.09	21.17	21.12	23.5	0.5	
40	PUSCH BPSK	108	108	21.12	21.27	21.15	23.5	0.5	
40	PUSCH BPSK	204	5	21.07	21.12	21.14			
40	CPUSC	1	1	21.18	21.23	21.18			
40	CPUSC	1	108	21.13	21.20	21.13	23.5	0.5	
40	CPUSC	1	204	21.11	21.14	21.12			
40	CPUSC	108	5	21.04	21.07	21.03	23.5	0.5	
40	CPUSC	108	34	21.14	21.18	21.12	23.5	0.5	
40	CPUSC	108	108	21.16	21.21	21.18	23.5	0.5	
40	CPUSC	204	5	21.18	21.18	21.12			
40	NRSS	1	1	21.14	21.21	21.20	23.5	0.5	
40	NRSS	1	1	17.17	17.24	17.20	19.5	2.5	
40	NRSS	1	1	17.62	17.74	17.68	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	21.11	21.20	21.12	23.5	0.5	
Channel									
20	PUSCH BPSK	1	1	21.11	21.20	21.20	23.5	0.5	
Channel									
16	PUSCH BPSK	1	1	21.11	21.20	21.20	23.5	0.5	
Channel									
10	PUSCH BPSK	1	1	21.10	21.20	21.15	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	21.10	21.20	21.15	23.5	0.5	
Channel									
5	PUSCH BPSK	1	1	21.11	21.20	21.13	23.5	0.5	

n66_Ant 3									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (Frac) 340000	Power Max (Frac) 340000	Power High C2 (Frac) 340000	Time-up time (sec)	APR3 (dB)	
Channel									
Frequency (MHz)									
40	PUSCH BPSK	1	1	18.12	18.13	18.16			
40	PUSCH BPSK	1	108	18.12	18.13	18.13	20.5	0.5	
40	PUSCH BPSK	1	204	18.12	18.13	18.13			
40	PUSCH BPSK	108	5	18.12	18.12	18.13	20.5	0.5	
40	PUSCH BPSK	108	34	18.12	18.13	18.13	20.5	0.5	
40	PUSCH BPSK	108	108	18.17	18.20	18.17	20.5	0.5	
40	PUSCH BPSK	204	5	18.12	18.13	18.14			
40	CPUSC	1	1	18.17	18.15	18.17			
40	CPUSC	1	108	18.13	18.13	18.13	20.5	0.5	
40	CPUSC	1	204	18.13	18.13	18.14			
40	CPUSC	108	5	18.14	18.13	18.13	20.5	0.5	
40	CPUSC	108	34	18.13	18.20	18.12	20.5	0.5	
40	CPUSC	108	108	18.14	18.14	18.14	20.5	0.5	
40	CPUSC	204	5	18.14	18.14	18.14			
40	NRSS	1	1	18.13	18.21	18.14	20.5	0.5	
40	NRSS	1	1	18.13	18.21	18.13	20.5	2.5	
40	NRSS	1	1	18.13	18.24	18.13	19.5	4.5	
Channel									
34	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	
Channel									
20	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	
Channel									
15	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	
Channel									
10	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	
Channel									
5	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	
Channel									
5	PUSCH BPSK	1	1	18.13	18.17	18.13	20.5	0.5	

Reduced DS14 Power for EN-DC NR Other PA

n66_Ant 0									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	22.16	22.28	22.17	22.16	23.5	0.5
40	PUSCH BPSK	1	108	22.16	22.24	22.21	22.16		
40	PUSCH BPSK	1	109	22.16	22.25	22.21	22.16		
40	PUSCH BPSK	108	5	22.12	22.18	22.18	22.0	0.5	
40	PUSCH BPSK	108	34	22.16	22.24	22.18	22.1	0.5	
40	PUSCH BPSK	108	108	22.12	22.21	22.22	22.0	0.5	
40	PUSCH BPSK	108	9	22.16	22.21	22.16	22.0	0.5	
40	CPUSCH	1	1	22.17	22.22	22.18			
40	CPUSCH	1	108	22.13	22.18	22.13	22.5	0.0	
40	CPUSCH	1	204	22.12	22.18	22.12	22.4	1.0	
40	CPUSCH	108	5	22.12	22.14	22.12	22.5	0.0	
40	CPUSCH	108	34	22.12	22.28	22.14	22.5	0.0	
40	CPUSCH	108	9	22.16	22.18	22.16	22.5	1.0	
40	CPUSCH	108	9	22.14	22.18	22.16	22.5	1.0	
40	NRSS	1	1	22.00	22.00	22.07	22.5	1.0	
40	NRSS	1	1	22.04	22.04	22.04	22.5	1.0	
40	25GDM	1	1	18.17	18.22	18.15	18.0	4.5	
Channel									
34	PUSCH BPSK	1	1	22.00	22.00	22.10	22.5	0.0	
Channel									
20	PUSCH BPSK	1	1	22.07	22.21	22.21	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.08	22.22	22.24	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.00	22.00	22.00	22.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.12	22.14	22.14	22.5	0.0	
Channel									
8	PUSCH BPSK	1	1	22.07	22.14	22.13	23.5	0.0	

n66_Ant 1									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	22.12	22.12	22.00			
40	PUSCH BPSK	1	108	22.12	22.02	22.02	23.5	0.0	
40	PUSCH BPSK	1	204	22.14	22.14	22.14			
40	PUSCH BPSK	108	5	22.12	22.12	22.40	23.5	0.0	
40	PUSCH BPSK	108	34	22.12	22.12	22.14	23.5	0.0	
40	PUSCH BPSK	108	108	22.11	22.07	22.07	23.5	0.0	
40	PUSCH BPSK	204	9	22.12	22.12	22.00			
40	CPUSCH	1	1	22.17	22.19	22.40			
40	CPUSCH	1	108	22.12	22.12	22.12	23.5	0.0	
40	CPUSCH	1	204	22.17	22.49	22.17	23.5	0.0	
40	CPUSCH	108	5	22.12	22.14	22.12	23.5	0.0	
40	CPUSCH	108	34	22.12	22.19	22.12	23.5	0.0	
40	CPUSCH	108	108	22.11	22.07	22.07	23.5	0.0	
40	CPUSCH	204	9	22.12	22.14	22.12	23.5	0.0	
40	NRSS	1	1	22.08	22.08	22.00	23.5	0.0	
40	NRSS	1	1	22.12	22.12	22.12	23.5	0.0	
40	25GDM	1	1	18.07	18.09	18.05	18.0	4.0	
Channel									
34	PUSCH BPSK	1	1	22.12	22.11	22.49	23.5	0.0	
Channel									
20	PUSCH BPSK	1	1	22.40	22.50	22.54	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.40	22.50	22.54	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.42	22.42	22.42	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	22.42	22.42	22.42	23.5	0.0	
Channel									
8	PUSCH BPSK	1	1	22.40	22.50	22.51	23.5	0.0	

n66_Ant 2									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	21.68	21.74	21.68			
40	PUSCH BPSK	1	108	21.68	21.70	21.70	23.5	0.0	
40	PUSCH BPSK	1	204	21.65	21.64	21.65			
40	PUSCH BPSK	108	5	21.61	21.58	21.54	23.5	0.0	
40	PUSCH BPSK	108	34	21.62	21.67	21.64	23.5	0.0	
40	PUSCH BPSK	108	108	21.62	21.58	21.57	23.5	0.0	
40	PUSCH BPSK	204	9	21.64	21.62	21.60			
40	CPUSCH	1	1	21.64	21.71	21.60			
40	CPUSCH	1	108	21.64	21.64	21.67	23.5	0.0	
40	CPUSCH	1	204	21.63	21.65	21.65	23.5	1.0	
40	CPUSCH	108	5	21.60	21.61	21.67	23.5	1.0	
40	CPUSCH	108	34	21.62	21.67	21.62	23.5	1.0	
40	CPUSCH	108	9	21.61	21.64	21.64	23.5	1.0	
40	CPUSCH	108	9	21.18	21.24	21.18	23.5	1.0	
40	NRSS	1	1	21.34	21.47	21.42	23.5	1.0	
40	NRSS	1	1	21.35	21.44	21.40	23.5	1.0	
40	25GDM	1	1	17.67	17.75	17.75	18.0	4.5	
Channel									
34	PUSCH BPSK	1	1	21.68	21.71	21.68	23.5	0.0	
Channel									
20	PUSCH BPSK	1	1	21.52	21.68	21.48	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	21.53	21.58	21.58	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	21.53	21.54	21.54	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	21.52	21.52	21.52	23.5	0.0	
Channel									
8	PUSCH BPSK	1	1	21.48	21.52	21.52	23.5	0.0	

n66_Ant 3									
Dev (MHz)	Modulation	RB Size	RB Offset	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Power Min (dBm) Max (dBm)	Time-up time (s)	MPT (dB)
Channel									
40	PUSCH BPSK	1	1	20.64	20.74	20.67			
40	PUSCH BPSK	1	108	20.62	21.12	21.04	23.5	0.0	
40	PUSCH BPSK	1	204	20.72	20.72	20.72			
40	PUSCH BPSK	108	5	21.02	21.02	20.97	23.5	0.0	
40	PUSCH BPSK	108	34	20.72	20.72	20.72	23.5	0.0	
40	PUSCH BPSK	108	108	21.07	21.07	21.07	23.5	0.0	
40	PUSCH BPSK	204	9	21.02	21.02	21.02			
40	CPUSCH	1	1	20.60	21.04	20.60			
40	CPUSCH	1	108	20.72	21.12	21.02	23.5	0.0	
40	CPUSCH	1	204	21.11	21.09	21.09	23.5	1.0	
40	CPUSCH	108	5	20.72	20.72	20.72	23.5	1.0	
40	CPUSCH	108	34	20.62	20.67	20.60	23.5	1.0	
40	CPUSCH	108	9	20.62	20.64	20.62	23.5	1.0	
40	NRSS	1	1	20.50	20.50	20.50	23.5	1.0	
40	NRSS	1	1	20.52	20.52	20.52	23.5	1.0	
40	25GDM	1	1	16.67	16.65	16.65	16.0	4.5	
Channel									
34	PUSCH BPSK	1	1	20.72	21.01	21.00	23.5	0.0	
Channel									
20	PUSCH BPSK	1	1	20.50	20.50	20.50	23.5	0.0	
Channel									
15	PUSCH BPSK	1	1	20.51	21.04	20.62	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	20.52	20.52	20.52	23.5	0.0	
Channel									
16	PUSCH BPSK	1	1	20.52	20.52	20.52	23.5	0.0	
Channel									
8	PUSCH BPSK	1	1	20.48	21.02	20.73	23.5	0.0	

[illegible]

[illegible]

Bluetooth Full Power

BT BR/BDR ANT 16

Mode	Channel	Frequency (MHz)	1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.36	17.00	13.18	15.00	13.30	15.00
	CH 39	2441	16.36	18.00	13.91	15.50	13.82	15.50
	CH 78	2480	14.15	16.00	11.53	13.50	12.27	13.50

BT BR/BDR ANT 18

Mode	Channel	Frequency (MHz)	1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	15.76	17.50	13.48	15.00	13.45	15.00
	CH 39	2441	16.30	18.00	13.54	15.50	13.53	15.50
	CH 78	2480	15.21	17.00	12.71	14.00	12.72	14.00

BLE ANT 16

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.39	7.32
	CH 19	2440	7.41	7.42
	CH 39	2480	6.45	6.29
Tune-up Limit			9	9

BLE ANT 18

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	7.83	7.83
	CH 19	2440	8.63	8.45
	CH 39	2480	7.45	7.52
Tune-up Limit			10	10

Bluetooth Simultaneous Power_Head

BT BR/BDR ANT 16

Mode	Channel	Frequency (MHz)	1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	10.01	11.50	9.15	11.00	9.11	11.00
	CH 39	2441	9.85	11.50	8.67	10.50	8.59	10.50
	CH 78	2480	8.76	10.50	8.60	10.50	8.58	10.50

BT BR/BDR ANT 18

Mode	Channel	Frequency (MHz)	1Mbps	Tune-up Limit	2Mbps	Tune-up Limit	3Mbps	Tune-up Limit
BR / EDR	CH 00	2402	8.37	10.00	8.20	10.00	8.11	10.00
	CH 39	2441	8.87	10.00	8.48	10.00	8.39	10.00
	CH 78	2480	8.66	10.00	7.98	9.50	7.94	9.50