

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 %
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 %
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6 %
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	± 9.6 %
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	± 9.6 %

10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	± 9.6 %
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	± 9.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.



Full Power/Default Power for WWAN

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
	Frequency (MHz)	524.2	536.4		548.6	524.2	536.4	
GSM 1 Tx slot	32.76	32.50	32.88	34.00	23.76	23.50	23.88	25.00
GPRS 1 Tx slot	32.77	32.52	32.89	34.00	23.77	23.52	23.89	25.00
GPRS 2 Tx slot	32.76	32.45	32.83	34.00	26.76	26.45	26.83	28.00
EDGE 1 Tx slot	26.58	26.62	26.73	29.00	17.58	17.62	17.73	20.00
EDGE 2 Tx slot	26.50	26.57	26.72	29.00	20.50	20.57	20.72	23.00

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	910		512	661	910	
	Frequency (MHz)	1850.2	1860		1869.8	1850.2	1860	
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00
GPRS 2 Tx slot	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00
EDGE 2 Tx slot	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00

GSM1500_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	910		512	661	910	
	Frequency (MHz)	1850.2	1860		1869.8	1850.2	1860	
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00
GPRS 2 Tx slot	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00
EDGE 2 Tx slot	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00

Band	WCDMA III_Ant 1				Tune-up Limit (dBm)	WCDMA III_Ant 2				Tune-up Limit (dBm)			
	TX Channel	9262	9400	9538		9262	9400	9538					
	Rx Channel	9662	9800	9938		9662	9800	9938					
Frequency (MHz)	1852.4	1860	1907.6	1852.4	1860	1907.6	1852.4	1860	1907.6	1852.4	1860	1907.6	
3GPP Rel 99	AMR 12.2Kbps	25.15	25.08	25.16	25.50	25.15	25.08	25.16	25.50	25.15	25.08	25.16	25.50
3GPP Rel 99	RMC 12.2Kbps	25.17	25.11	25.19	25.50	25.17	25.11	25.19	25.50	25.17	25.11	25.19	25.50
3GPP Rel 6	HSDPA Subtest-1	23.98	23.92	24.03	24.50	23.98	23.92	24.03	24.50	23.98	23.92	24.03	24.50
3GPP Rel 6	HSDPA Subtest-2	23.96	23.94	24.02	24.50	23.96	23.94	24.02	24.50	23.96	23.94	24.02	24.50
3GPP Rel 6	HSDPA Subtest-3	23.49	23.42	23.50	24.00	23.49	23.42	23.50	24.00	23.49	23.42	23.50	24.00
3GPP Rel 6	HSDPA Subtest-4	23.46	23.43	23.49	24.00	23.46	23.43	23.49	24.00	23.46	23.43	23.49	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.88	23.84	23.96	24.50	23.88	23.84	23.96	24.50	23.88	23.84	23.96	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.85	23.80	23.93	24.50	23.85	23.80	23.93	24.50	23.85	23.80	23.93	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.37	23.35	23.43	24.00	23.37	23.35	23.43	24.00	23.37	23.35	23.43	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.36	23.36	23.41	24.00	23.36	23.36	23.41	24.00	23.36	23.36	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.50	23.97	24.08	24.50	23.50	23.97	24.08	24.50	23.50	23.97	24.08	24.50
3GPP Rel 6	HSUPA Subtest-2	21.98	22.01	22.06	22.50	21.98	22.01	22.06	22.50	21.98	22.01	22.06	22.50
3GPP Rel 6	HSUPA Subtest-3	23.04	22.96	23.09	23.50	23.04	22.96	23.09	23.50	23.04	22.96	23.09	23.50
3GPP Rel 6	HSUPA Subtest-4	22.05	22.02	22.13	22.50	22.05	22.02	22.13	22.50	22.05	22.02	22.13	22.50
3GPP Rel 6	HSUPA Subtest-5	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50

Band	WCDMA IV_Ant 1				Tune-up Limit (dBm)	WCDMA IV_Ant 2				Tune-up Limit (dBm)			
	TX Channel	1312	1413	1513		1312	1413	1513					
	Rx Channel	1537	1638	1738		1537	1638	1738					
Frequency (MHz)	1712.4	1712.4	1752.6	1752.6	1712.4	1712.4	1752.6	1752.6	1712.4	1712.4	1752.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	25.27	25.02	25.00	25.50	25.27	25.02	25.00	25.50	25.27	25.02	25.00	25.50
3GPP Rel 99	RMC 12.2Kbps	25.30	25.04	25.02	25.50	25.30	25.04	25.02	25.50	25.30	25.04	25.02	25.50
3GPP Rel 6	HSDPA Subtest-1	24.07	23.87	23.89	24.50	24.07	23.87	23.89	24.50	24.07	23.87	23.89	24.50
3GPP Rel 6	HSDPA Subtest-2	24.04	23.88	23.78	24.50	24.04	23.88	23.78	24.50	24.04	23.88	23.78	24.50
3GPP Rel 6	HSDPA Subtest-3	23.60	23.35	23.26	24.00	23.60	23.35	23.26	24.00	23.60	23.35	23.26	24.00
3GPP Rel 6	HSDPA Subtest-4	23.56	23.33	23.30	24.00	23.56	23.33	23.30	24.00	23.56	23.33	23.30	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.93	23.76	23.71	24.50	23.93	23.76	23.71	24.50	23.93	23.76	23.71	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.91	23.79	23.67	24.50	23.91	23.79	23.67	24.50	23.91	23.79	23.67	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.51	23.23	23.14	24.00	23.51	23.23	23.14	24.00	23.51	23.23	23.14	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.48	23.25	23.15	24.00	23.48	23.25	23.15	24.00	23.48	23.25	23.15	24.00
3GPP Rel 6	HSUPA Subtest-1	24.10	23.91	23.90	24.50	24.10	23.91	23.90	24.50	24.10	23.91	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	22.14	21.93	21.84	22.50	22.14	21.93	21.84	22.50	22.14	21.93	21.84	22.50
3GPP Rel 6	HSUPA Subtest-3	23.11	22.94	22.88	23.50	23.11	22.94	22.88	23.50	23.11	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-4	22.14	21.92	21.90	22.50	22.14	21.92	21.90	22.50	22.14	21.92	21.90	22.50
3GPP Rel 6	HSUPA Subtest-5	24.10	23.90	23.90	24.50	24.10	23.90	23.90	24.50	24.10	23.90	23.90	24.50

Band	WCDMA V_Ant 0				Tune-up Limit (dBm)	WCDMA V_Ant 2				Tune-up Limit (dBm)			
	TX Channel	4192	4192	4233		4192	4192	4233					
	Rx Channel	4327	4407	4458		4327	4407	4458					
Frequency (MHz)	526.4	536.4	546.6	526.4	536.4	546.6	526.4	536.4	546.6	526.4	536.4	546.6	
3GPP Rel 99	AMR 12.2Kbps	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50
3GPP Rel 99	RMC 12.2Kbps	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50
3GPP Rel 6	HSDPA Subtest-1	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00
3GPP Rel 6	HSDPA Subtest-4	23.23	23.19	23.20	24.00	23.23	23.19	23.20	24.00	23.23	23.19	23.20	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.68	23.68	23.68	24.50	23.68	23.68	23.68	24.50	23.68	23.68	23.68	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00
3GPP Rel 6	HSUPA Subtest-1	23.74	23.71	23.78	24.50	23.74	23.71	23.78	24.50	23.74	23.71	23.78	24.50
3GPP Rel 6	HSUPA Subtest-2	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50
3GPP Rel 6	HSUPA Subtest-5	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50



WWAN Power for State 10

GSM900_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	128	189		251	128	189		251
	Frequency (MHz)	824.2	836.4		848.6	824.2	836.4		848.6
GSM 1 Tx slot	32.76	32.50	32.88	34.00	23.76	23.50	23.88	25.00	
GPRS 1 Tx slot	32.77	32.52	32.89	34.00	23.77	23.52	23.89	25.00	
GPRS 2 Tx slots	32.76	32.45	32.83	34.00	26.76	26.45	26.83	28.00	
EDGE 1 Tx slot	26.58	26.62	26.73	29.00	17.58	17.62	17.73	20.00	
EDGE 2 Tx slots	26.50	26.57	26.72	29.00	20.50	20.57	20.72	23.00	

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1880		1909.8	1850.2	1880		1909.8
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	TX Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1880		1909.8	1850.2	1880		1909.8
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

Band	WCDMA_II_Ant 1			Tune-up Limit (dBm)	WCDMA_II_Ant 2			Tune-up Limit (dBm)	
	TX Channel	9582	9606		9538	9522	9600		9539
	Rx Channel	9662	9600		9538	9662	9600		9539
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6			
3GPP Rel 99	AMR 12.2kbps	25.15	25.08	25.16	25.50	25.15	25.08	25.16	25.50
3GPP Rel 99	RMC 12.2kbps	25.17	25.11	25.19	25.50	25.17	25.11	25.19	25.50
3GPP Rel 6	HSDPA Subtest-1	23.96	23.92	24.03	24.50	23.96	23.92	24.03	24.50
3GPP Rel 6	HSDPA Subtest-2	23.96	23.94	24.02	24.50	23.96	23.94	24.02	24.50
3GPP Rel 6	HSDPA Subtest-3	23.49	23.42	23.50	24.00	23.49	23.42	23.50	24.00
3GPP Rel 6	HSDPA Subtest-4	23.46	23.43	23.49	24.00	23.46	23.43	23.49	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.88	23.84	23.96	24.50	23.88	23.84	23.96	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.85	23.80	23.93	24.50	23.85	23.80	23.93	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.37	23.35	23.43	24.00	23.37	23.35	23.43	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.36	23.36	23.41	24.00	23.36	23.36	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	23.90	23.97	24.06	24.50	23.90	23.97	24.06	24.50
3GPP Rel 6	HSUPA Subtest-2	21.99	22.01	22.08	22.50	21.99	22.01	22.08	22.50
3GPP Rel 6	HSUPA Subtest-3	23.04	22.96	23.09	23.50	23.04	22.96	23.09	23.50
3GPP Rel 6	HSUPA Subtest-4	22.05	22.02	22.13	22.50	22.05	22.02	22.13	22.50
3GPP Rel 6	HSUPA Subtest-5	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50

Band	WCDMA_IV_Ant 1			Tune-up Limit (dBm)	WCDMA_IV_Ant 2			Tune-up Limit (dBm)	
	TX Channel	1512	1413		1513	1512	1413		1513
	Rx Channel	1537	1638		1738	1537	1638		1738
Frequency (MHz)	1712.4	1732.6	1752.8	1712.4	1732.6	1752.8			
3GPP Rel 99	AMR 12.2kbps	25.27	25.02	25.00	25.50	25.27	25.02	25.00	25.50
3GPP Rel 99	RMC 12.2kbps	25.30	25.04	25.02	25.50	25.30	25.04	25.02	25.50
3GPP Rel 6	HSDPA Subtest-1	24.07	23.87	23.80	24.50	24.07	23.87	23.80	24.50
3GPP Rel 6	HSDPA Subtest-2	24.04	23.88	23.78	24.50	24.04	23.88	23.78	24.50
3GPP Rel 6	HSDPA Subtest-3	23.60	23.35	23.29	24.00	23.60	23.35	23.29	24.00
3GPP Rel 6	HSDPA Subtest-4	23.56	23.33	23.30	24.00	23.56	23.33	23.30	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.83	23.76	23.71	24.50	23.83	23.76	23.71	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.91	23.79	23.67	24.50	23.91	23.79	23.67	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.51	23.23	23.14	24.00	23.51	23.23	23.14	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.48	23.25	23.15	24.00	23.48	23.25	23.15	24.00
3GPP Rel 6	HSUPA Subtest-1	24.10	23.91	23.90	24.50	24.10	23.91	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	22.14	21.93	21.84	22.50	22.14	21.93	21.84	22.50
3GPP Rel 6	HSUPA Subtest-3	23.11	22.94	22.88	23.50	23.11	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-4	22.14	21.92	21.90	22.50	22.14	21.92	21.90	22.50
3GPP Rel 6	HSUPA Subtest-5	24.10	23.90	23.90	24.50	24.10	23.90	23.90	24.50

Band	WCDMA_V_Ant 0			Tune-up Limit (dBm)	WCDMA_V_Ant 2			Tune-up Limit (dBm)	
	TX Channel	4132	4182		4233	4132	4182		4233
	Rx Channel	4357	4407		4458	4357	4407		4458
Frequency (MHz)	826.4	836.4	846.6	826.4	836.4	846.6			
3GPP Rel 99	AMR 12.2kbps	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50
3GPP Rel 99	RMC 12.2kbps	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50
3GPP Rel 6	HSDPA Subtest-1	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00
3GPP Rel 6	HSDPA Subtest-4	23.23	23.18	23.20	24.00	23.23	23.18	23.20	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.68	23.68	23.68	24.50	23.68	23.68	23.68	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00
3GPP Rel 6	HSUPA Subtest-1	23.74	23.71	23.78	24.50	23.74	23.71	23.78	24.50
3GPP Rel 6	HSUPA Subtest-2	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50
3GPP Rel 6	HSUPA Subtest-5	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50



WWAN Power for State 11

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	128	189		251	128	189		251
	Frequency (MHz)	824.2	836.4		848.6	824.2	836.4		848.6
GSM 1 Tx slot	32.76	32.50	32.88	34.00	23.76	23.50	23.88	25.00	
GPRS 1 Tx slot	32.77	32.52	32.89	34.00	23.77	23.52	23.89	25.00	
GPRS 2 Tx slots	32.76	32.45	32.83	34.00	26.76	26.45	26.83	28.00	
EDGE 1 Tx slot	26.58	26.62	26.73	28.00	17.58	17.62	17.73	20.00	
EDGE 2 Tx slots	26.50	26.57	26.72	28.00	20.50	20.57	20.72	23.00	

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1860		1909.6	1850.2	1860		1909.6
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1860		1909.6	1850.2	1860		1909.6
GSM 1 Tx slot	28.15	28.03	28.25	29.50	19.15	19.03	19.25	20.50	
GPRS 1 Tx slot	28.12	27.99	28.23	29.50	19.12	18.99	19.23	20.50	
GPRS 2 Tx slots	27.85	27.93	27.86	29.50	21.85	21.93	21.86	23.50	
EDGE 1 Tx slot	23.38	23.65	23.62	26.50	14.38	14.65	14.62	17.50	
EDGE 2 Tx slots	23.14	23.62	23.54	26.50	17.14	17.62	17.54	20.50	

Band	Tx Channel	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)	
		Rx Channel	9262	9400		9538	9262	9400		9538
		Frequency (MHz)	1822.4	1880		1927.6	1822.4	1880		1927.6
3GPP Rel 99	AMR 12.2Kbps	25.15	25.08	25.16	25.50	21.70	21.66	21.73	22.50	
3GPP Rel 99	RMC 12.2Kbps	25.17	25.11	25.19	25.50	21.73	21.67	21.75	22.50	
3GPP Rel 6	HSDPA Subtest-1	23.96	23.92	24.03	24.50	20.71	20.68	20.69	21.50	
3GPP Rel 6	HSDPA Subtest-2	23.96	23.94	24.02	24.50	20.62	20.66	20.43	21.50	
3GPP Rel 6	HSDPA Subtest-3	23.49	23.42	23.50	24.00	20.11	20.04	20.02	21.00	
3GPP Rel 6	HSDPA Subtest-4	23.46	23.43	23.49	24.00	20.21	20.02	20.08	21.00	
3GPP Rel 6	DC-HSDPA Subtest-1	23.88	23.84	23.96	24.50	20.58	20.49	20.56	21.50	
3GPP Rel 6	DC-HSDPA Subtest-2	23.85	23.80	23.93	24.50	20.60	20.43	20.54	21.50	
3GPP Rel 6	DC-HSDPA Subtest-3	23.37	23.35	23.43	24.00	20.14	20.02	19.91	21.00	
3GPP Rel 6	DC-HSDPA Subtest-4	23.36	23.36	23.41	24.00	19.99	19.87	20.02	21.00	
3GPP Rel 6	HSUPA Subtest-1	23.90	23.97	24.08	24.50	20.58	20.67	20.50	21.00	
3GPP Rel 6	HSUPA Subtest-2	21.99	22.01	22.08	22.50	18.65	18.65	18.61	19.00	
3GPP Rel 6	HSUPA Subtest-3	23.04	22.96	23.09	23.50	19.65	19.65	19.60	20.00	
3GPP Rel 6	HSUPA Subtest-4	22.05	22.02	22.13	22.50	18.82	18.89	18.54	19.00	
3GPP Rel 6	HSUPA Subtest-5	24.10	24.00	24.10	24.50	20.84	20.57	20.70	21.00	

Band	Tx Channel	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)	
		Rx Channel	1512	1413		1513	1512	1413		1513
		Frequency (MHz)	1637	1638		1738	1712.4	1712.6		1752.6
3GPP Rel 99	AMR 12.2Kbps	25.27	25.02	25.00	25.50	24.33	24.13	24.08	25.00	
3GPP Rel 99	RMC 12.2Kbps	25.30	25.04	25.02	25.50	24.39	24.14	24.11	25.00	
3GPP Rel 6	HSDPA Subtest-1	24.07	23.87	23.80	24.50	23.32	23.00	23.07	24.00	
3GPP Rel 6	HSDPA Subtest-2	24.04	23.88	23.78	24.50	23.29	23.10	23.04	24.00	
3GPP Rel 6	HSDPA Subtest-3	23.60	23.35	23.29	24.00	22.77	22.56	22.52	23.50	
3GPP Rel 6	HSDPA Subtest-4	23.56	23.33	23.30	24.00	22.69	22.59	22.45	23.50	
3GPP Rel 6	DC-HSDPA Subtest-1	23.93	23.76	23.71	24.50	23.07	23.03	22.89	24.00	
3GPP Rel 6	DC-HSDPA Subtest-2	23.91	23.79	23.67	24.50	23.04	22.97	22.92	24.00	
3GPP Rel 6	DC-HSDPA Subtest-3	23.51	23.23	23.14	24.00	22.63	22.37	22.42	23.50	
3GPP Rel 6	DC-HSDPA Subtest-4	23.48	23.25	23.15	24.00	22.75	22.37	22.43	23.50	
3GPP Rel 6	HSUPA Subtest-1	24.10	23.91	23.90	24.50	23.27	23.15	23.14	24.00	
3GPP Rel 6	HSUPA Subtest-2	22.14	21.93	21.84	22.50	21.38	21.19	21.03	22.00	
3GPP Rel 6	HSUPA Subtest-3	23.11	22.94	22.88	23.50	22.24	21.99	22.02	23.00	
3GPP Rel 6	HSUPA Subtest-4	22.14	21.92	21.90	22.50	21.20	21.00	21.18	22.00	
3GPP Rel 6	HSUPA Subtest-5	24.10	23.90	23.90	24.50	23.15	22.98	23.08	24.00	

Band	Tx Channel	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 2			Tune-up Limit (dBm)	
		Rx Channel	4132	4182		4233	4132	4182		4233
		Frequency (MHz)	4357	4407		4458	4357	4407		4458
3GPP Rel 99	AMR 12.2Kbps	24.79	24.75	24.81	25.50	21.39	21.45	21.53	22.50	
3GPP Rel 99	RMC 12.2Kbps	24.80	24.77	24.87	25.50	21.36	21.43	21.55	22.50	
3GPP Rel 6	HSDPA Subtest-1	23.73	23.70	23.77	24.50	20.60	20.46	20.61	21.50	
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	24.50	20.71	20.41	20.69	21.50	
3GPP Rel 6	HSDPA Subtest-3	23.27	23.24	23.26	24.00	20.21	20.06	20.22	21.00	
3GPP Rel 6	HSDPA Subtest-4	23.23	23.18	23.20	24.00	20.20	20.06	19.96	21.00	
3GPP Rel 6	DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	20.59	20.46	20.51	21.50	
3GPP Rel 6	DC-HSDPA Subtest-2	23.68	23.68	23.68	24.50	20.61	20.40	20.55	21.50	
3GPP Rel 6	DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	20.00	20.00	20.13	21.00	
3GPP Rel 6	DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	20.10	19.98	19.92	21.00	
3GPP Rel 6	HSUPA Subtest-1	23.74	23.71	23.76	24.50	20.50	20.45	20.71	21.50	
3GPP Rel 6	HSUPA Subtest-2	21.75	21.72	21.78	22.50	18.59	18.42	18.50	19.50	
3GPP Rel 6	HSUPA Subtest-3	22.75	22.71	22.83	23.50	19.47	19.46	19.58	20.50	
3GPP Rel 6	HSUPA Subtest-4	21.75	21.71	21.80	22.50	18.47	18.42	18.55	19.50	
3GPP Rel 6	HSUPA Subtest-5	23.70	23.70	23.80	24.50	20.60	20.60	20.70	21.50	



Band 2_Ant 1

BW (MHz)	Modulation	RIS Size	RIS Offset	Power (Ch./Freq.)	Power (Ch./Freq.)	Power (Ch./Freq.)	Turn-on (min)	MFR (dB)
Channel			1800	1880	1960	1800		
20	QPSK	1	0	24.48	24.37	24.39		
20	QPSK	1	90	24.38	24.36	24.31	20	0
20	QPSK	1	90	24.37	24.37	24.48		
20	QPSK	50	0	24.47	24.41	24.33		
20	QPSK	50	90	24.47	24.41	24.33	20	1
20	QPSK	100	0	24.46	24.42	24.45		
20	QPSK	100	90	24.47	24.41	24.39	20	2
20	16QAM	1	40	23.83	23.82	23.88		
20	16QAM	1	90	23.88	23.81	23.83		
20	16QAM	50	0	22.57	22.59	22.59		
20	16QAM	50	90	22.54	22.45	22.58		
20	16QAM	100	0	22.46	22.41	22.57		
20	16QAM	100	90	22.52	22.48	22.56	20	2
20	16QAM	1	0	22.50	22.64	22.61		
20	16QAM	1	40	22.76	22.65	22.63		
20	16QAM	1	90	22.48	22.59	21.51		
20	16QAM	50	0	21.51	21.43	21.59		
20	16QAM	50	90	22.52	22.48	22.56	20	3
20	16QAM	100	0	21.51	21.42	21.59		
20	25QAM	1	0	18.99	19.09	19.09		
20	25QAM	1	40	19.53	19.85	19.72		
20	25QAM	1	90	19.88	19.71	19.53		
20	25QAM	50	0	19.49	19.58	19.58		
20	25QAM	50	90	19.87	19.87	19.68		
20	25QAM	100	0	19.50	19.73	19.58		
20	25QAM	100	90	19.50	19.73	19.58	20	5

Band 2_Ant 2

BW (MHz)	Modulation	RIS Size	RIS Offset	Power (Ch./Freq.)	Power (Ch./Freq.)	Power (Ch./Freq.)	Turn-on (min)	MFR (dB)
Channel			1800	1880	1960	1800		
20	QPSK	1	0	20.40	20.35	20.34		
20	QPSK	1	90	20.43	20.43	20.43	20	0
20	QPSK	50	0	19.55	19.53	19.59		
20	QPSK	50	90	19.55	19.53	19.59	20	1
20	QPSK	100	0	19.57	19.56	19.59		
20	QPSK	100	90	19.57	19.56	19.59	20	2
20	16QAM	1	40	19.58	19.36	19.38		
20	16QAM	1	90	19.59	19.34	19.37		
20	16QAM	50	0	18.97	18.96	19.00		
20	16QAM	50	90	18.97	18.96	19.00	20	2
20	16QAM	100	0	18.74	18.69	18.73		
20	16QAM	100	90	18.91	18.96	18.84	20	2
20	16QAM	1	0	18.93	18.86	18.87		
20	16QAM	1	40	18.93	18.86	18.87		
20	16QAM	1	90	18.93	18.86	18.87		
20	16QAM	50	0	17.61	17.53	17.68		
20	16QAM	50	90	17.58	17.56	17.60	10	3
20	16QAM	100	0	17.58	17.56	17.60		
20	25QAM	1	0	15.07	15.06	15.06		
20	25QAM	1	40	15.77	15.58	15.58		
20	25QAM	1	90	15.88	15.42	15.39		
20	25QAM	50	0	15.27	15.26	15.37		
20	25QAM	50	90	15.27	15.26	15.37	10	5
20	25QAM	100	0	15.27	15.26	15.37		
20	25QAM	100	90	15.27	15.26	15.37	10	5

Band 4_Ant 1

BW (MHz)	Modulation	RIS Size	RIS Offset	Power (Ch./Freq.)	Power (Ch./Freq.)	Power (Ch./Freq.)	Turn-on (min)	MFR (dB)
Channel			1920	1933	1940	1920		
20	QPSK	1	0	24.45	24.36	24.32		
20	QPSK	1	90	24.47	24.43	24.32	20	0
20	QPSK	50	0	23.48	23.44	23.48		
20	QPSK	50	90	23.47	23.44	23.48	20	1
20	QPSK	100	0	23.50	23.49	23.53		
20	QPSK	100	90	23.51	23.73	23.81	20	2
20	16QAM	1	40	23.82	23.50	23.43		
20	16QAM	1	90	23.84	23.73	23.79		
20	16QAM	50	0	22.50	22.46	22.50		
20	16QAM	50	90	22.47	22.46	22.58	20	2
20	16QAM	100	0	22.47	22.58	22.58		
20	16QAM	100	90	22.54	22.62	22.78	20	2
20	16QAM	1	0	21.56	21.54	21.58		
20	16QAM	1	40	21.56	21.47	21.52		
20	16QAM	1	90	21.56	21.47	21.52		
20	16QAM	50	0	21.52	21.51	21.55		
20	16QAM	50	90	21.51	21.48	21.52	20	3
20	16QAM	100	0	21.52	21.51	21.55		
20	16QAM	100	90	21.51	21.48	21.52	20	3
20	25QAM	1	0	18.78	18.76	18.71		
20	25QAM	1	40	18.76	18.76	18.71		
20	25QAM	1	90	18.82	18.74	18.62		
20	25QAM	50	0	19.47	19.46	19.49		
20	25QAM	50	90	19.47	19.46	19.49	10	5
20	25QAM	100	0	19.47	19.46	19.49		
20	25QAM	100	90	19.46	19.46	19.51	10	5

Band 4_Ant 2

BW (MHz)	Modulation	RIS Size	RIS Offset	Power (Ch./Freq.)	Power (Ch./Freq.)	Power (Ch./Freq.)	Turn-on (min)	MFR (dB)
Channel			1920	1933	1940	1920		
20	QPSK	1	0	22.76	22.65	22.68		
20	QPSK	1	90	22.80	22.81	22.81	24.5	0
20	QPSK	50	0	21.89	21.89	22.02		
20	QPSK	50	90	21.87	21.92	21.99	20	1
20	QPSK	100	0	21.84	21.84	22.01		
20	QPSK	100	90	21.84	21.84	22.01	20	2
20	16QAM	1	40	22.29	22.29	22.43		
20	16QAM	1	90	22.23	22.16	22.08		
20	16QAM	50	0	20.80	20.80	20.91		
20	16QAM	50	90	20.82	20.80	20.91	20	2
20	16QAM	100	0	21.28	21.27	21.26		
20	16QAM	100	90	21.22	21.30	21.27	20	2
20	16QAM	1	0	19.92	19.87	19.98		
20	16QAM	1	40	19.92	19.87	19.98		
20	16QAM	1	90	19.94	19.83	19.86		
20	16QAM	50	0	18.72	18.72	18.84		
20	16QAM	50	90	18.73	18.76	18.84	10	3
20	16QAM	100	0	18.72	18.72	18.84		
20	16QAM	100	90	18.73	18.76	18.84	10	3
20	25QAM	1	0	16.16	16.16	16.16		
20	25QAM	1	40	16.22	16.42	16.38		
20	25QAM	1	90	16.23	16.26	16.06		
20	25QAM	50	0	15.14	15.14	15.25		
20	25QAM	50	90	15.14	15.22	15.17	10	5
20	25QAM	100	0	15.14	15.22	15.17		
20	25QAM	100	90	15.13	15.22	15.17	10	5





WWAN Power for State 12

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	128	189		251	128	189		251
	Frequency (MHz)	824.2	836.4		848.6	824.2	836.4		848.6
GSM 1 Tx slot	29.57	29.45	29.90	31.00	20.57	20.45	20.90	22.00	
GPRS 1 Tx slot	29.55	29.42	29.88	31.00	20.55	20.42	20.88	22.00	
GPRS 2 Tx slots	29.46	29.30	29.77	31.00	23.46	23.30	23.77	25.00	
EDGE 1 Tx slot	24.32	24.54	24.33	26.00	15.32	15.54	15.33	17.00	
EDGE 2 Tx slots	24.01	24.36	24.78	26.00	18.01	18.36	18.78	20.00	

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1880		1909.8	1850.2	1880		1909.8
GSM 1 Tx slot	25.79	25.90	25.87	27.00	16.79	16.90	16.87	18.00	
GPRS 1 Tx slot	25.77	25.96	25.94	27.00	16.77	16.96	16.94	18.00	
GPRS 2 Tx slots	25.68	25.74	25.75	27.00	19.68	19.74	19.75	21.00	
EDGE 1 Tx slot	20.94	20.86	20.77	24.00	11.94	11.86	11.77	15.00	
EDGE 2 Tx slots	20.69	20.77	20.98	24.00	14.69	14.77	14.98	18.00	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1880		1909.8	1850.2	1880		1909.8
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

Band	WCDMA_II_Ant 1			Tune-up Limit (dBm)	WCDMA_II_Ant 2			Tune-up Limit (dBm)	
	Tx Channel	9262	9400		9538	9262	9400		9538
	Rx Channel	9262	9200		9338	9262	9200		9338
3GPP Rel 99	AMR 12.2Kbps	19.72	19.60	19.74	20.50	25.15	25.08	25.16	25.50
3GPP Rel 99	RMC 12.2Kbps	19.74	19.62	19.76	20.50	25.17	25.11	25.19	25.50
3GPP Rel 6	HSDPA Subtest-1	18.52	18.36	18.34	19.50	23.96	23.92	24.03	24.50
3GPP Rel 6	HSDPA Subtest-2	18.52	18.36	18.40	19.50	23.96	23.94	24.02	24.50
3GPP Rel 6	HSDPA Subtest-3	18.00	17.88	17.90	19.00	23.49	23.42	23.50	24.00
3GPP Rel 6	HSDPA Subtest-4	17.98	17.89	17.83	19.00	23.46	23.43	23.49	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	18.40	18.28	18.25	19.50	23.88	23.84	23.96	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	18.38	18.20	18.37	19.50	23.85	23.80	23.93	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	17.96	17.73	17.83	19.00	23.37	23.35	23.43	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	17.80	17.72	17.75	19.00	23.38	23.36	23.41	24.00
3GPP Rel 6	HSUPA Subtest-1	18.32	18.39	18.67	19.50	23.90	23.97	24.08	24.50
3GPP Rel 6	HSUPA Subtest-2	16.62	16.58	16.47	17.50	21.99	22.01	22.08	22.50
3GPP Rel 6	HSUPA Subtest-3	17.50	17.59	17.41	18.50	23.04	22.96	23.09	23.50
3GPP Rel 6	HSUPA Subtest-4	16.71	16.54	16.75	17.50	22.05	22.02	22.13	22.50
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.60	19.50	24.10	24.00	24.10	24.50

Band	WCDMA_IV_Ant 1			Tune-up Limit (dBm)	WCDMA_IV_Ant 2			Tune-up Limit (dBm)	
	Tx Channel	1512	1413		1513	1512	1413		1513
	Rx Channel	1512	1537		1538	1738	1512		1537
3GPP Rel 99	AMR 12.2Kbps	21.80	21.55	21.51	22.50	28.27	28.02	28.00	29.50
3GPP Rel 99	RMC 12.2Kbps	21.82	21.57	21.54	22.50	28.30	28.04	28.02	29.50
3GPP Rel 6	HSDPA Subtest-1	20.47	20.29	20.24	21.50	24.07	23.87	23.80	24.50
3GPP Rel 6	HSDPA Subtest-2	20.47	20.33	20.22	21.50	24.04	23.88	23.78	24.50
3GPP Rel 6	HSDPA Subtest-3	20.00	19.79	19.74	21.00	23.60	23.35	23.29	24.00
3GPP Rel 6	HSDPA Subtest-4	19.98	19.81	19.72	21.00	23.58	23.33	23.30	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	20.36	20.07	20.02	21.50	23.93	23.76	23.71	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	20.27	20.06	20.07	21.50	23.91	23.79	23.67	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	19.93	19.56	19.58	21.00	23.51	23.23	23.14	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	19.84	19.56	19.67	21.00	23.48	23.25	23.15	24.00
3GPP Rel 6	HSUPA Subtest-1	20.53	20.30	20.28	21.50	24.10	23.91	23.90	24.50
3GPP Rel 6	HSUPA Subtest-2	18.52	18.32	18.30	19.50	22.14	21.93	21.84	22.50
3GPP Rel 6	HSUPA Subtest-3	19.52	19.30	19.29	20.50	23.11	22.94	22.88	23.50
3GPP Rel 6	HSUPA Subtest-4	18.51	18.31	18.32	19.50	22.14	21.92	21.90	22.50
3GPP Rel 6	HSUPA Subtest-5	20.50	20.40	20.30	21.50	24.10	23.90	23.90	24.50

Band	WCDMA_V_Ant 0			Tune-up Limit (dBm)	WCDMA_V_Ant 2			Tune-up Limit (dBm)	
	Tx Channel	4132	4182		4233	4132	4182		4233
	Rx Channel	4357	4407		4458	4357	4407		4458
3GPP Rel 99	AMR 12.2Kbps	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50
3GPP Rel 99	RMC 12.2Kbps	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50
3GPP Rel 6	HSDPA Subtest-1	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50
3GPP Rel 6	HSDPA Subtest-3	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00
3GPP Rel 6	HSDPA Subtest-4	23.23	23.18	23.20	24.00	23.23	23.18	23.20	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.68	23.66	23.68	24.50	23.68	23.68	23.68	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00
3GPP Rel 6	HSUPA Subtest-1	23.74	23.71	23.78	24.50	23.74	23.71	23.78	24.50
3GPP Rel 6	HSUPA Subtest-2	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50
3GPP Rel 6	HSUPA Subtest-3	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50
3GPP Rel 6	HSUPA Subtest-4	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50
3GPP Rel 6	HSUPA Subtest-5	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50



Band 17_Ant 0

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 700-1111 and 2100-2300.

Band 17_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 700-1111 and 2100-2300.

Band 25_Ant 1

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 1800-2000 and 2000-2300.

Band 25_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 1800-2000 and 2000-2300.

Band 17_Ant 0

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 2400-2600 and 2600-2900.

Band 17_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 2400-2600 and 2600-2900.

Band 25_Ant 1

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 2600-2800 and 2800-3100.

Band 25_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 2600-2800 and 2800-3100.

Band 17_Ant 0

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3200-3400 and 3400-3700.

Band 17_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3200-3400 and 3400-3700.

Band 25_Ant 1

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3200-3400 and 3400-3700.

Band 25_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3200-3400 and 3400-3700.

Band 17_Ant 0

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3800-4000 and 4000-4300.

Band 17_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3800-4000 and 4000-4300.

Band 25_Ant 1

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3800-4000 and 4000-4300.

Band 25_Ant 2

Table with columns: BIV BPOC, Modulation, RB Sds, RB Offset, Power, Power, Power, Time-int, MPR, MPR. Contains data for frequencies 3800-4000 and 4000-4300.



Band 38_Ant 1

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains data for Band 38_Ant 1 with various modulation schemes and channel configurations.

Band 38_Ant 2

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains data for Band 38_Ant 2 with various modulation schemes and channel configurations.



WWAN Power for State 13

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	128	189		251	128	189		251
	Frequency (MHz)	824.2	836.4		848.6	824.2	836.4		848.6
GSM 1 Tx slot	32.76	32.50	32.88	34.00	23.76	23.50	23.88	25.00	
GPRS 1 Tx slot	32.77	32.52	32.89	34.00	23.77	23.52	23.89	25.00	
GPRS 2 Tx slots	32.76	32.45	32.83	34.00	26.76	26.45	26.83	28.00	
EDGE 1 Tx slot	26.58	26.62	26.73	28.00	17.58	17.62	17.73	20.00	
EDGE 2 Tx slots	26.50	26.57	26.72	28.00	20.50	20.57	20.72	23.00	

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1860		1909.8	1850.2	1860		1909.8
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
	Tx Channel	512	661		810	512	661		810
	Frequency (MHz)	1850.2	1860		1909.8	1850.2	1860		1909.8
GSM 1 Tx slot	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00	
GPRS 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00	
GPRS 2 Tx slots	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00	
EDGE 1 Tx slot	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00	
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	19.16	19.41	19.52	22.00	

Band	Tx Channel	WCDMA_II_Ant 1			Tune-up Limit (dBm)	WCDMA_II_Ant 2			Tune-up Limit (dBm)		
		Rx Channel	9262	9400		9538	Rx Channel	9262		9400	9538
		Frequency (MHz)	1892.4	1880		1907.6	1892.4	1880		1907.6	
3GPP Rel 99	AMR 12.2Kbps	25.15	25.08	25.16	25.50	25.15	25.08	25.16	25.50		
3GPP Rel 99	RMC 12.2Kbps	25.17	25.11	25.19	25.50	25.17	25.11	25.19	25.50		
3GPP Rel 6	HSDPA Subtest-1	23.96	23.92	24.03	24.50	23.96	23.92	24.03	24.50		
3GPP Rel 6	HSDPA Subtest-2	23.96	23.94	24.02	24.50	23.96	23.94	24.02	24.50		
3GPP Rel 6	HSDPA Subtest-3	23.49	23.42	23.50	24.00	23.49	23.42	23.50	24.00		
3GPP Rel 6	HSDPA Subtest-4	23.46	23.43	23.49	24.00	23.46	23.43	23.49	24.00		
3GPP Rel 6	DC-HSDPA Subtest-1	23.88	23.84	23.96	24.50	23.88	23.84	23.96	24.50		
3GPP Rel 6	DC-HSDPA Subtest-2	23.85	23.80	23.93	24.50	23.85	23.80	23.93	24.50		
3GPP Rel 6	DC-HSDPA Subtest-3	23.37	23.35	23.43	24.00	23.37	23.35	23.43	24.00		
3GPP Rel 6	DC-HSDPA Subtest-4	23.36	23.36	23.41	24.00	23.36	23.36	23.41	24.00		
3GPP Rel 6	HSUPA Subtest-1	23.90	23.97	24.08	24.50	23.90	23.97	24.08	24.50		
3GPP Rel 6	HSUPA Subtest-2	21.99	22.01	22.08	22.50	21.99	22.01	22.08	22.50		
3GPP Rel 6	HSUPA Subtest-3	23.04	22.96	23.09	23.50	23.04	22.96	23.09	23.50		
3GPP Rel 6	HSUPA Subtest-4	22.05	22.02	22.13	22.50	22.05	22.02	22.13	22.50		
3GPP Rel 6	HSUPA Subtest-5	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50		

Band	Tx Channel	WCDMA_IV_Ant 1			Tune-up Limit (dBm)	WCDMA_IV_Ant 2			Tune-up Limit (dBm)		
		Rx Channel	1512	1413		1513	Rx Channel	1512		1413	1513
		Frequency (MHz)	1712.4	1732.6		1752.8	1712.4	1732.6		1752.8	
3GPP Rel 99	AMR 12.2Kbps	23.16	22.93	22.91	24.00	25.27	25.02	25.00	25.50		
3GPP Rel 99	RMC 12.2Kbps	23.17	22.95	22.92	24.00	25.30	25.04	25.02	25.50		
3GPP Rel 6	HSDPA Subtest-1	22.12	21.89	21.83	23.00	24.07	23.87	23.80	24.50		
3GPP Rel 6	HSDPA Subtest-2	22.12	21.91	21.79	23.00	24.04	23.88	23.78	24.50		
3GPP Rel 6	HSDPA Subtest-3	21.62	21.42	21.33	22.50	23.60	23.35	23.29	24.00		
3GPP Rel 6	HSDPA Subtest-4	21.60	21.42	21.36	22.50	23.56	23.33	23.30	24.00		
3GPP Rel 6	DC-HSDPA Subtest-1	22.06	21.87	21.88	23.00	23.93	23.76	23.71	24.50		
3GPP Rel 6	DC-HSDPA Subtest-2	22.07	21.75	21.63	23.00	23.91	23.79	23.67	24.50		
3GPP Rel 6	DC-HSDPA Subtest-3	21.54	21.35	21.24	22.50	23.51	23.23	23.14	24.00		
3GPP Rel 6	DC-HSDPA Subtest-4	21.51	21.33	21.34	22.50	23.48	23.25	23.15	24.00		
3GPP Rel 6	HSUPA Subtest-1	22.04	21.87	21.81	23.00	24.10	23.91	23.90	24.50		
3GPP Rel 6	HSUPA Subtest-2	20.10	19.91	19.85	21.00	22.14	21.93	21.84	22.50		
3GPP Rel 6	HSUPA Subtest-3	21.03	20.92	20.82	22.00	23.11	22.94	22.88	23.50		
3GPP Rel 6	HSUPA Subtest-4	20.09	19.86	19.84	21.00	22.14	21.92	21.90	22.50		
3GPP Rel 6	HSUPA Subtest-5	22.10	21.90	21.80	23.00	24.10	23.90	23.90	24.50		

Band	Tx Channel	WCDMA_V_Ant 0			Tune-up Limit (dBm)	WCDMA_V_Ant 2			Tune-up Limit (dBm)		
		Rx Channel	4132	4182		4233	Rx Channel	4132		4182	4233
		Frequency (MHz)	826.4	836.4		846.6	826.4	836.4		846.6	
3GPP Rel 99	AMR 12.2Kbps	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50		
3GPP Rel 99	RMC 12.2Kbps	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50		
3GPP Rel 6	HSDPA Subtest-1	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50		
3GPP Rel 6	HSDPA Subtest-2	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50		
3GPP Rel 6	HSDPA Subtest-3	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00		
3GPP Rel 6	HSDPA Subtest-4	23.23	23.18	23.20	24.00	23.23	23.18	23.20	24.00		
3GPP Rel 6	DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50		
3GPP Rel 6	DC-HSDPA Subtest-2	23.68	23.66	23.68	24.50	23.68	23.66	23.68	24.50		
3GPP Rel 6	DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00		
3GPP Rel 6	DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00		
3GPP Rel 6	HSUPA Subtest-1	23.74	23.71	23.78	24.50	23.74	23.71	23.78	24.50		
3GPP Rel 6	HSUPA Subtest-2	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50		
3GPP Rel 6	HSUPA Subtest-3	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50		
3GPP Rel 6	HSUPA Subtest-4	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50		
3GPP Rel 6	HSUPA Subtest-5	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50		



WWAN Power for State 14

GSM850_Ant 0	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	813.2	825.4	837.6		813.2	825.4	837.6	
GSM 1 Tx slot	31.06	30.90	31.32	32.50	22.06	21.90	22.32	23.50
GPRS 1 Tx slot	31.04	30.88	31.29	32.50	22.04	21.88	22.29	23.50
GPRS 2 Tx slot	30.97	30.78	31.22	32.50	21.97	21.78	22.22	23.50
EDGE 1 Tx slot	25.37	25.11	25.34	27.50	16.37	16.11	16.34	18.50
EDGE 2 Tx slots	25.17	25.03	25.23	27.50	16.17	16.03	16.23	18.50

GSM1900_Ant 1	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1552.2	1600	1647.8		1552.2	1600	1647.8	
Frequency (MHz)	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00
GSM 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00
GPRS 1 Tx slot	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00
GPRS 2 Tx slots	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00
EDGE 1 Tx slot	25.16	25.41	25.52	28.00	16.16	16.41	16.52	19.00
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	16.16	16.41	16.52	19.00

GSM1900_Ant 2	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1552.2	1600	1647.8		1552.2	1600	1647.8	
Frequency (MHz)	30.07	30.02	30.10	31.00	21.07	21.02	21.10	22.00
GSM 1 Tx slot	30.05	30.00	30.08	31.00	21.05	21.00	21.08	22.00
GPRS 1 Tx slot	29.84	29.88	29.89	31.00	23.84	23.88	23.89	25.00
GPRS 2 Tx slots	25.23	25.49	25.64	28.00	16.23	16.49	16.64	19.00
EDGE 1 Tx slot	25.16	25.41	25.52	28.00	16.16	16.41	16.52	19.00
EDGE 2 Tx slots	25.16	25.41	25.52	28.00	16.16	16.41	16.52	19.00

Band	WCDMA II_Ant 1			Tune-up Limit (dBm)	WCDMA II_Ant 2			Tune-up Limit (dBm)
	9262	9600	9938		9262	9600	9938	
TX Channel	9662	9800	9938		9662	9800	9938	
Rx Channel	1852.4	1880	1907.6		1852.4	1880	1907.6	
Frequency (MHz)	25.15	25.08	25.16	25.50	25.15	25.08	25.16	25.50
3GPP Rel 99 AMR 12.2kbps	25.17	25.11	25.19	25.50	25.17	25.11	25.19	25.50
3GPP Rel 99 RMC 12.2kbps	23.96	23.92	24.03	24.50	23.96	23.92	24.03	24.50
3GPP Rel 6 HSDPA Subtest-1	23.96	23.94	24.02	24.50	23.96	23.94	24.02	24.50
3GPP Rel 6 HSDPA Subtest-2	23.49	23.42	23.50	24.00	23.49	23.42	23.50	24.00
3GPP Rel 6 HSDPA Subtest-3	23.46	23.43	23.49	24.00	23.46	23.43	23.49	24.00
3GPP Rel 6 HSDPA Subtest-4	23.88	23.84	23.96	24.50	23.88	23.84	23.96	24.50
3GPP Rel 8 DC-HSDPA Subtest-1	23.85	23.80	23.93	24.50	23.85	23.80	23.93	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.37	23.35	23.43	24.00	23.37	23.35	23.43	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	23.36	23.36	23.41	24.00	23.36	23.36	23.41	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	23.90	23.97	24.08	24.50	23.90	23.97	24.08	24.50
3GPP Rel 6 HSUPA Subtest-1	21.99	22.01	22.08	22.50	21.99	22.01	22.08	22.50
3GPP Rel 6 HSUPA Subtest-2	23.04	22.96	23.09	23.50	23.04	22.96	23.09	23.50
3GPP Rel 6 HSUPA Subtest-3	22.05	22.02	22.13	22.50	22.05	22.02	22.13	22.50
3GPP Rel 6 HSUPA Subtest-4	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50
3GPP Rel 6 HSUPA Subtest-5	24.10	24.00	24.10	24.50	24.10	24.00	24.10	24.50

Band	WCDMA IV_Ant 1			Tune-up Limit (dBm)	WCDMA IV_Ant 2			Tune-up Limit (dBm)
	1312	1413	1513		1312	1413	1513	
TX Channel	1537	1638	1738		1537	1638	1738	
Rx Channel	1712.4	1732.6	1752.6		1712.4	1732.6	1752.6	
Frequency (MHz)	23.16	22.93	22.91	24.00	23.16	22.93	22.91	24.00
3GPP Rel 99 AMR 12.2kbps	23.17	22.95	22.92	24.00	23.17	22.95	22.92	24.00
3GPP Rel 99 RMC 12.2kbps	22.12	21.89	21.83	23.00	22.12	21.89	21.83	23.00
3GPP Rel 6 HSDPA Subtest-1	22.12	21.91	21.79	23.00	22.12	21.91	21.79	23.00
3GPP Rel 6 HSDPA Subtest-2	21.62	21.42	21.33	22.50	21.62	21.42	21.33	22.50
3GPP Rel 6 HSDPA Subtest-3	21.60	21.42	21.36	22.50	21.60	21.42	21.36	22.50
3GPP Rel 6 HSDPA Subtest-4	22.06	21.87	21.68	23.00	22.06	21.87	21.68	23.00
3GPP Rel 8 DC-HSDPA Subtest-1	22.07	21.75	21.63	23.00	22.07	21.75	21.63	23.00
3GPP Rel 8 DC-HSDPA Subtest-2	21.84	21.35	21.24	22.50	21.84	21.35	21.24	22.50
3GPP Rel 8 DC-HSDPA Subtest-3	21.51	21.33	21.34	22.50	21.51	21.33	21.34	22.50
3GPP Rel 8 DC-HSDPA Subtest-4	22.04	21.87	21.81	23.00	22.04	21.87	21.81	23.00
3GPP Rel 6 HSUPA Subtest-1	20.10	19.91	19.85	21.00	20.10	19.91	19.85	21.00
3GPP Rel 6 HSUPA Subtest-2	21.03	20.92	20.82	22.00	21.03	20.92	20.82	22.00
3GPP Rel 6 HSUPA Subtest-3	20.09	19.86	19.84	21.00	20.09	19.86	19.84	21.00
3GPP Rel 6 HSUPA Subtest-4	22.10	21.90	21.80	23.00	22.10	21.90	21.80	23.00
3GPP Rel 6 HSUPA Subtest-5	22.10	21.90	21.80	23.00	22.10	21.90	21.80	23.00

Band	WCDMA V_Ant 0			Tune-up Limit (dBm)	WCDMA V_Ant 2			Tune-up Limit (dBm)
	4132	4182	4233		4132	4182	4233	
TX Channel	4357	4407	4458		4357	4407	4458	
Rx Channel	826.4	838.4	850.6		826.4	838.4	850.6	
Frequency (MHz)	24.79	24.75	24.81	25.50	24.79	24.75	24.81	25.50
3GPP Rel 99 AMR 12.2kbps	24.80	24.77	24.87	25.50	24.80	24.77	24.87	25.50
3GPP Rel 6 HSDPA Subtest-1	23.73	23.70	23.77	24.50	23.73	23.70	23.77	24.50
3GPP Rel 6 HSDPA Subtest-2	23.75	23.74	23.77	24.50	23.75	23.74	23.77	24.50
3GPP Rel 6 HSDPA Subtest-3	23.27	23.24	23.25	24.00	23.27	23.24	23.25	24.00
3GPP Rel 6 HSDPA Subtest-4	23.23	23.18	23.20	24.00	23.23	23.18	23.20	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	23.69	23.67	23.77	24.50	23.69	23.67	23.77	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.18	23.16	23.16	24.00	23.18	23.16	23.16	24.00
3GPP Rel 8 DC-HSDPA Subtest-3	23.18	23.16	23.21	24.00	23.18	23.16	23.21	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	23.17	23.11	23.11	24.00	23.17	23.11	23.11	24.00
3GPP Rel 6 HSUPA Subtest-1	21.75	21.72	21.78	22.50	21.75	21.72	21.78	22.50
3GPP Rel 6 HSUPA Subtest-2	22.75	22.71	22.83	23.50	22.75	22.71	22.83	23.50
3GPP Rel 6 HSUPA Subtest-3	21.75	21.71	21.80	22.50	21.75	21.71	21.80	22.50
3GPP Rel 6 HSUPA Subtest-4	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50
3GPP Rel 6 HSUPA Subtest-5	23.70	23.70	23.80	24.50	23.70	23.70	23.80	24.50



Band 41_Ant 2

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Low Middle Ch./Freq., Power Middle Ch./Freq., Power High Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.

Band 41(HPUE)_Ant 2

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Low Middle Ch./Freq., Power Middle Ch./Freq., Power High Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.



Full Power/Default Power for 5GNR

n2_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Med Ch./Freq.	Power High Ch./Freq.	Turn-up (dB)	MPH (dB)
Channel								
Frequency (MHz)				1860	1860	1860		
20	Pilot BPSK	1	1	24.25	24.25	24.27	20.0	0.0
20	Pilot BPSK	1	53	24.24	24.48	24.76		
20	Pilot BPSK	1	104	24.38	24.38	24.58		
20	Pilot BPSK	50	0	24.15	24.44	24.20	25.5	0.5
20	Pilot BPSK	50	28	24.25	24.59	24.21	26.0	0.5
20	Pilot BPSK	50	56	24.21	24.49	24.55	25.5	0.5
Channel								
Frequency (MHz)				37200	37600	38000		
20	Pilot BPSK	100	0	24.14	24.41	24.49		
20	Pilot BPSK	100	1	24.27	24.51	24.14	26.0	0.0
20	QPSK	1	104	24.45	24.43	24.33		
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0
20	QPSK	50	28	24.15	24.49	24.09	26.0	0.0
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0
20	QPSK	100	1	24.46	24.47	24.49	25.0	1.0
20	16QAM	1	1	22.95	22.97	22.99	23.5	2.5
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5
Channel								
Frequency (MHz)				37750	37950	38050		
15	Pilot BPSK	1	1	24.34	24.51	24.26	26.0	0.0
Channel								
Frequency (MHz)				1850	1860	1865		
10	Pilot BPSK	1	1	24.26	24.49	24.19	26.0	0.0
Channel								
Frequency (MHz)				1850.5	1860	1867.5		
5	Pilot BPSK	1	1	24.30	24.45	24.26	26.0	0.0

n2_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Med Ch./Freq.	Power High Ch./Freq.	Turn-up (dB)	MPH (dB)
Channel								
Frequency (MHz)				1860	1860	1860		
20	Pilot BPSK	1	1	24.25	24.25	24.27	20.0	0.0
20	Pilot BPSK	1	53	24.24	24.48	24.76		
20	Pilot BPSK	1	104	24.38	24.38	24.58		
20	Pilot BPSK	50	0	24.15	24.44	24.20	25.5	0.5
20	Pilot BPSK	50	28	24.25	24.59	24.21	26.0	0.5
20	Pilot BPSK	50	56	24.21	24.49	24.55	25.5	0.5
Channel								
Frequency (MHz)				37200	37600	38000		
20	Pilot BPSK	100	0	24.14	24.41	24.49		
20	Pilot BPSK	100	1	24.27	24.51	24.14	26.0	0.0
20	QPSK	1	104	24.45	24.43	24.33		
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0
20	QPSK	50	28	24.15	24.49	24.09	26.0	0.0
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0
20	16QAM	1	1	22.48	22.47	22.49	23.0	1.0
20	64QAM	1	1	22.95	22.97	22.99	23.5	2.5
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5
Channel								
Frequency (MHz)				37750	37950	38050		
15	Pilot BPSK	1	1	24.34	24.51	24.26	26.0	0.0
Channel								
Frequency (MHz)				1850	1860	1865		
10	Pilot BPSK	1	1	24.26	24.49	24.19	26.0	0.0
Channel								
Frequency (MHz)				1850.5	1860	1867.5		
5	Pilot BPSK	1	1	24.30	24.45	24.26	26.0	0.0

n5_Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Med Ch./Freq.	Power High Ch./Freq.	Turn-up (dB)	MPH (dB)
Channel								
Frequency (MHz)				834	836.5	838		
20	Pilot BPSK	1	1	24.10	24.41	24.20	26.0	0.0
20	Pilot BPSK	1	53	24.19	24.12	24.00		
20	Pilot BPSK	1	104	24.03	24.10	24.03		
20	Pilot BPSK	50	0	24.23	24.34	24.16	25.5	0.5
20	Pilot BPSK	50	28	24.25	24.25	24.21	26.0	0.0
20	Pilot BPSK	50	56	24.15	24.09	24.00	25.5	0.5
Channel								
Frequency (MHz)				1668	1670.5	1673		
20	Pilot BPSK	100	0	24.46	24.49	24.44		
20	Pilot BPSK	100	1	24.28	24.18	24.17	26.0	0.0
20	QPSK	1	104	24.11	24.13	24.13		
20	QPSK	50	0	24.37	24.28	24.24	25.0	1.0
20	QPSK	50	28	24.22	24.16	24.16	26.0	0.0
20	QPSK	50	56	24.16	24.10	24.05	25.0	1.0
20	QPSK	100	0	24.28	24.18	24.18	25.0	1.0
20	16QAM	1	1	24.48	24.27	24.20	25.0	1.0
20	64QAM	1	1	22.95	22.99	22.99	23.5	2.5
20	256QAM	1	1	20.99	20.84	20.79	21.5	4.5
Channel								
Frequency (MHz)				16750	16780	16790		
15	Pilot BPSK	1	1	24.39	24.28	24.27	26.0	0.0
Channel								
Frequency (MHz)				834.5	836.5	841.5		
10	Pilot BPSK	1	1	24.30	24.28	24.27	26.0	0.0
Channel								
Frequency (MHz)				835	836.5	841		
10	Pilot BPSK	1	1	24.33	24.19	24.24	26.0	0.0
Channel								
Frequency (MHz)				835.5	836.5	845.5		
5	Pilot BPSK	1	1	24.34	24.25	24.19	26.0	0.0

n5_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Med Ch./Freq.	Power High Ch./Freq.	Turn-up (dB)	MPH (dB)
Channel								
Frequency (MHz)				834	836.5	838		
20	Pilot BPSK	1	1	24.10	24.41	24.20	26.0	0.0
20	Pilot BPSK	1	53	24.19	24.12	24.00		
20	Pilot BPSK	1	104	24.03	24.10	24.03		
20	Pilot BPSK	50	0	24.23	24.16	24.16	25.5	0.5
20	Pilot BPSK	50	28	24.25	24.25	24.21	26.0	0.0
20	Pilot BPSK	50	56	24.15	24.09	24.00	25.5	0.5
Channel								
Frequency (MHz)				1668	1670.5	1673		
20	Pilot BPSK	100	0	24.46	24.49	24.44		
20	Pilot BPSK	100	1	24.28	24.18	24.17	26.0	0.0
20	QPSK	1	104	24.11	24.13	24.13		
20	QPSK	50	0	24.37	24.28	24.24	25.0	1.0
20	QPSK	50	28	24.22	24.16	24.16	26.0	0.0
20	QPSK	50	56	24.16	24.10	24.05	25.0	1.0
20	QPSK	100	0	24.28	24.18	24.18	25.0	1.0
20	16QAM	1	1	24.48	24.27	24.20	25.0	1.0
20	64QAM	1	1	22.95	22.99	22.99	23.5	2.5
20	256QAM	1	1	20.99	20.84	20.79	21.5	4.5
Channel								
Frequency (MHz)				16750	16780	16790		
15	Pilot BPSK	1	1	24.39	24.28	24.27	26.0	0.0
Channel								
Frequency (MHz)				834.5	836.5	841.5		
10	Pilot BPSK	1	1	24.30	24.28	24.27	26.0	0.0
Channel								
Frequency (MHz)				835	836.5	841		
10	Pilot BPSK	1	1	24.33	24.19	24.24	26.0	0.0
Channel								
Frequency (MHz)				835.5	836.5	845.5		
5	Pilot BPSK	1	1	24.34	24.25	24.19	26.0	0.0



n7_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (sec) (dB)	MRB (dB)
Channel								
40	PI2 BPSK	1	1	24.65	24.65	24.72	20.0	0.0
40	PI2 BPSK	1	108	24.50	24.51	24.58	20.0	0.0
40	PI2 BPSK	1	214	24.50	24.50	24.58	20.0	0.0
40	PI2 BPSK	108	0	24.50	24.51	24.58	20.0	0.0
40	PI2 BPSK	108	54	24.50	24.50	24.58	20.0	0.0
40	PI2 BPSK	108	108	24.50	24.50	24.52	20.0	0.0
40	PI2 BPSK	216	0	24.48	24.48	24.58	20.0	0.0
40	QPSK	1	1	24.71	24.71	24.81	20.0	0.0
40	QPSK	1	108	24.47	24.47	24.58	20.0	0.0
40	QPSK	1	214	24.48	24.48	24.55	20.0	0.0
40	QPSK	108	0	24.47	24.48	24.58	20.0	0.0
40	QPSK	108	54	24.47	24.48	24.52	20.0	0.0
40	QPSK	108	108	24.47	24.47	24.58	20.0	0.0
40	QPSK	216	0	24.47	24.47	24.58	20.0	0.0
40	HQAM	1	1	24.48	24.58	24.72	20.0	1.0
40	HQAM	1	1	22.97	22.98	23.00	20.0	2.5
40	HQAM	1	1	20.98	20.97	20.75	21.5	4.5
Channel								
30	PI2 BPSK	1	1	24.53	24.53	24.58	20.0	0.0
Channel								
25	PI2 BPSK	1	1	24.47	24.49	24.50	20.0	0.0
Channel								
20	PI2 BPSK	1	1	24.50	24.50	24.50	20.0	0.0
Channel								
15	PI2 BPSK	1	1	24.50	24.50	24.57	20.0	0.0
Channel								
10	PI2 BPSK	1	1	24.48	24.48	24.53	20.0	0.0
Channel								
5	PI2 BPSK	1	1	24.43	24.43	24.52	20.0	0.0

n7_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (sec) (dB)	MRB (dB)
Channel								
40	PI2 BPSK	1	1	24.50	24.60	24.70	20.0	0.0
40	PI2 BPSK	1	108	24.50	24.51	24.58	20.0	0.0
40	PI2 BPSK	1	214	24.50	24.50	24.58	20.0	0.0
40	PI2 BPSK	108	0	24.50	24.51	24.58	20.0	0.0
40	PI2 BPSK	108	54	24.50	24.50	24.58	20.0	0.0
40	PI2 BPSK	108	108	24.50	24.50	24.52	20.0	0.0
40	PI2 BPSK	216	0	24.48	24.48	24.58	20.0	0.0
40	QPSK	1	1	24.71	24.71	24.81	20.0	0.0
40	QPSK	1	108	24.47	24.47	24.58	20.0	0.0
40	QPSK	1	214	24.48	24.48	24.55	20.0	0.0
40	QPSK	108	0	24.47	24.48	24.58	20.0	0.0
40	QPSK	108	54	24.47	24.48	24.52	20.0	0.0
40	QPSK	108	108	24.47	24.47	24.58	20.0	0.0
40	QPSK	216	0	24.47	24.47	24.58	20.0	0.0
40	HQAM	1	1	24.48	24.58	24.72	20.0	1.0
40	HQAM	1	1	22.97	22.98	23.00	20.0	2.5
40	HQAM	1	1	20.98	20.97	20.75	21.5	4.5
Channel								
30	PI2 BPSK	1	1	24.53	24.53	24.58	20.0	0.0
Channel								
25	PI2 BPSK	1	1	24.47	24.49	24.50	20.0	0.0
Channel								
20	PI2 BPSK	1	1	24.50	24.50	24.50	20.0	0.0
Channel								
15	PI2 BPSK	1	1	24.50	24.50	24.57	20.0	0.0
Channel								
10	PI2 BPSK	1	1	24.48	24.48	24.53	20.0	0.0
Channel								
5	PI2 BPSK	1	1	24.43	24.43	24.52	20.0	0.0

n12_Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (sec) (dB)	MRB (dB)
Channel								
15	PI2 BPSK	1	1	24.65	24.67	24.72	20.0	0.0
15	PI2 BPSK	1	40	24.71	24.70	24.74	20.0	0.0
15	PI2 BPSK	1	77	24.57	24.53	24.65	20.0	0.0
15	PI2 BPSK	36	0	24.77	24.87	24.97	20.0	0.0
15	PI2 BPSK	36	20	24.74	24.74	24.74	20.0	0.0
15	PI2 BPSK	36	43	24.52	24.57	24.59	20.0	0.0
15	PI2 BPSK	75	0	24.77	24.87	24.97	20.0	0.0
15	QPSK	1	1	24.88	24.85	24.75	20.0	0.0
15	QPSK	1	40	24.62	24.58	24.58	20.0	0.0
15	QPSK	1	77	24.50	24.50	24.54	20.0	0.0
15	QPSK	36	0	24.70	24.70	24.70	20.0	0.0
15	QPSK	36	43	24.60	24.61	24.70	20.0	0.0
15	QPSK	75	0	24.72	24.81	24.89	20.0	0.0
15	HQAM	1	1	23.94	23.98	23.92	20.0	1.0
15	HQAM	1	1	22.20	22.20	22.20	20.0	2.5
15	HQAM	1	1	20.20	20.34	20.24	21.5	4.5
Channel								
10	PI2 BPSK	1	1	24.46	24.33	24.51	20.0	0.0
Channel								
5	PI2 BPSK	1	1	24.81	24.75	24.80	20.0	0.0

n12_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (sec) (dB)	MRB (dB)
Channel								
15	PI2 BPSK	1	1	24.65	24.67	24.72	20.0	0.0
15	PI2 BPSK	1	40	24.71	24.70	24.74	20.0	0.0
15	PI2 BPSK	1	77	24.57	24.53	24.65	20.0	0.0
15	PI2 BPSK	36	0	24.77	24.87	24.97	20.0	0.0
15	PI2 BPSK	36	20	24.74	24.74	24.74	20.0	0.0
15	PI2 BPSK	36	43	24.52	24.57	24.59	20.0	0.0
15	PI2 BPSK	75	0	24.77	24.87	24.97	20.0	0.0
15	QPSK	1	40	24.62	24.58	24.58	20.0	0.0
15	QPSK	1	77	24.50	24.50	24.54	20.0	0.0
15	QPSK	36	0	24.70	24.70	24.70	20.0	0.0
15	QPSK	36	43	24.60	24.61	24.70	20.0	0.0
15	QPSK	75	0	24.72	24.81	24.89	20.0	0.0
15	HQAM	1	40	23.94	23.98	23.92	20.0	1.0
15	HQAM	1	40	22.20	22.20	22.20	20.0	2.5
15	HQAM	1	40	20.20	20.34	20.24	21.5	4.5
Channel								
10	PI2 BPSK	1	1	24.46	24.33	24.51	20.0	0.0
Channel								
5	PI2 BPSK	1	1	24.81	24.75	24.80	20.0	0.0



n13_Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	24.80				
10	PI2 BPSK	1	26	24.84			26.0	0.0
10	PI2 BPSK	1	50	24.83				
10	PI2 BPSK	25	0	24.42			25.0	0.0
10	PI2 BPSK	25	14	24.45			26.0	0.0
10	PI2 BPSK	25	27	24.43			25.0	0.0
10	PI2 BPSK	50	0	24.42				
10	QPSK	1	1	24.80			26.0	0.0
10	QPSK	1	26	24.84			26.0	0.0
10	QPSK	25	0	23.81			26.0	1.0
10	QPSK	25	14	24.41			26.0	0.0
10	QPSK	25	27	23.88			26.0	1.0
10	QPSK	50	0	23.79				
10	HSFDM	1	1	23.08			25.0	1.0
10	HSFDM	1	1	23.78			23.5	2.5
10	HSFDM	1	1	19.85			21.0	4.5
Channel								
Frequency (MHz)								
5	PI2 BPSK	1	1	24.82	24.48	24.85	26.0	0.0

n13_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	24.80				
10	PI2 BPSK	1	26	24.84			26.0	0.0
10	PI2 BPSK	1	50	24.83				
10	PI2 BPSK	25	0	24.42			25.0	0.0
10	PI2 BPSK	25	14	24.45			26.0	0.0
10	PI2 BPSK	25	27	24.43			25.0	0.0
10	PI2 BPSK	50	0	24.42				
10	QPSK	1	1	24.80			26.0	0.0
10	QPSK	1	26	24.84			26.0	0.0
10	QPSK	25	0	23.81			25.0	1.0
10	QPSK	25	14	24.41			26.0	0.0
10	QPSK	25	27	23.88			25.0	1.0
10	QPSK	50	0	23.79				
10	HSFDM	1	1	23.08			25.0	1.0
10	HSFDM	1	1	23.78			23.5	2.5
10	HSFDM	1	1	19.85			21.5	4.5
Channel								
Frequency (MHz)								
5	PI2 BPSK	1	1	24.82	24.48	24.85	26.0	0.0

n25_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	24.10	24.00	24.20		
20	PI2 BPSK	1	83	24.83	24.50	24.19	26.0	0.0
20	PI2 BPSK	1	104	24.80	24.50	24.09		
20	PI2 BPSK	50	0	24.78	24.50	24.07	26.0	0.0
20	PI2 BPSK	50	38	24.06	24.50	24.01	26.0	1.0
20	PI2 BPSK	50	56	24.87	24.27	24.11	25.5	0.5
20	PI2 BPSK	100	0	24.80	24.50	24.13		
20	QPSK	1	1	24.47	24.25	24.25		
20	QPSK	1	53	24.80	24.37	24.17	26.0	0.0
20	QPSK	1	104	24.48	24.28	24.08		
20	QPSK	50	0	24.94	24.42	24.22	25.0	1.0
20	QPSK	50	38	24.85	24.23	24.13	26.0	0.0
20	QPSK	50	56	24.70	24.25	24.14	25.0	1.0
20	QPSK	100	0	24.82	24.30	24.14	25.0	1.0
20	HSFDM	1	1	23.00	24.50	24.51	25.0	1.0
20	HSFDM	1	1	23.47	23.25	22.95	23.5	2.5
20	HSFDM	1	1	21.48	21.00	20.73	21.5	4.5
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	25.05	24.50	24.28	26.0	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	25.00	24.43	24.19	26.0	0.0
Channel								
Frequency (MHz)								
5	PI2 BPSK	1	1	24.98	24.41	24.21	26.0	0.0

n25_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	24.10	24.00	24.20		
20	PI2 BPSK	1	83	24.83	24.50	24.19	26.0	0.0
20	PI2 BPSK	1	104	24.80	24.50	24.09		
20	PI2 BPSK	50	0	24.78	24.50	24.07	26.0	0.0
20	PI2 BPSK	50	38	24.06	24.50	24.01	26.0	1.0
20	PI2 BPSK	50	56	24.87	24.27	24.11	25.5	0.5
20	PI2 BPSK	100	0	24.80	24.50	24.13		
20	QPSK	1	1	24.47	24.25	24.25		
20	QPSK	1	53	24.80	24.37	24.17	26.0	0.0
20	QPSK	1	104	24.48	24.28	24.08		
20	QPSK	50	0	24.94	24.42	24.22	25.0	1.0
20	QPSK	50	38	24.85	24.23	24.13	26.0	0.0
20	QPSK	50	56	24.70	24.25	24.14	25.0	1.0
20	QPSK	100	0	24.82	24.30	24.14	25.0	1.0
20	HSFDM	1	1	23.00	24.50	24.51	25.0	1.0
20	HSFDM	1	1	23.47	23.25	22.95	23.5	2.5
20	HSFDM	1	1	21.48	21.00	20.73	21.5	4.5
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	25.05	24.50	24.28	26.0	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	25.00	24.43	24.19	26.0	0.0
Channel								
Frequency (MHz)								
5	PI2 BPSK	1	1	24.98	24.41	24.21	26.0	0.0



n71_Ant 0									
RF BWS	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup (dB)	MR (dB)	
Channel									
Frequency (MHz)									
20	PVZ BPSK	1	1	24.55	24.67	24.64	20.0	0.0	
20	PVZ BPSK	1	53	24.55	24.68	24.62	20.0	0.0	
20	PVZ BPSK	1	104	24.54	24.15	24.05	20.0	0.0	
20	PVZ BPSK	50	0	24.52	24.64	24.21	20.0	0.0	
20	PVZ BPSK	50	28	24.52	24.65	24.16	20.0	0.0	
20	PVZ BPSK	50	56	24.50	24.34	23.96	20.0	0.0	
20	PVZ BPSK	100	0	24.47	24.46	24.10	20.0	0.0	
20	QPSK	1	53	24.62	24.66	24.65	20.0	0.0	
20	QPSK	1	104	24.28	24.13	24.07	20.0	0.0	
20	QPSK	50	0	24.53	24.15	24.00	20.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	20.0	0.0	
20	QPSK	50	56	24.19	23.74	23.67	20.0	1.0	
20	QPSK	100	0	24.13	24.07	23.58	20.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	20.0	1.0	
20	16QAM	1	1	22.71	22.86	22.86	20.0	2.0	
20	16QAM	1	1	20.40	20.59	20.65	21.0	4.0	
Channel									
Frequency (MHz)									
15	PVZ BPSK	1	1	24.52	24.66	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PVZ BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PVZ BPSK	1	1	24.40	24.57	24.42	20.0	0.0	

n71_Ant 2									
RF BWS	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup (dB)	MR (dB)	
Channel									
Frequency (MHz)									
20	PVZ BPSK	1	1	24.55	24.67	24.64	20.0	0.0	
20	PVZ BPSK	1	53	24.55	24.68	24.62	20.0	0.0	
20	PVZ BPSK	1	104	24.54	24.15	24.05	20.0	0.0	
20	PVZ BPSK	50	0	24.52	24.64	24.21	20.0	0.0	
20	PVZ BPSK	50	28	24.52	24.65	24.16	20.0	0.0	
20	PVZ BPSK	50	56	24.50	24.34	23.96	20.0	0.0	
20	PVZ BPSK	100	0	24.47	24.46	24.10	20.0	0.0	
20	QPSK	1	53	24.62	24.66	24.65	20.0	0.0	
20	QPSK	1	104	24.28	24.13	24.07	20.0	0.0	
20	QPSK	50	0	24.53	24.15	24.00	20.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	20.0	0.0	
20	QPSK	50	56	24.19	23.74	23.67	20.0	1.0	
20	QPSK	100	0	24.13	24.07	23.58	20.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	20.0	1.0	
20	16QAM	1	1	22.71	22.86	22.86	20.0	2.0	
20	16QAM	1	1	20.40	20.59	20.65	21.0	4.0	
Channel									
Frequency (MHz)									
15	PVZ BPSK	1	1	24.52	24.66	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PVZ BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PVZ BPSK	1	1	24.40	24.57	24.42	20.0	0.0	



Part270_n78_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	24.85			20.0	0.0	
100	PI2-BPSK	1	137	24.79					
100	PI2-BPSK	1	271	24.60					
100	PI2-BPSK	155	0	24.46			20.0	0.0	
100	PI2-BPSK	155	69	24.53			20.0	0.0	
100	PI2-BPSK	155	138	24.47			20.0	0.0	
100	PI2-BPSK	200	0	24.21					
100	QPSK	1	1	24.81			20.0	0.0	
100	QPSK	1	137	24.75					
100	QPSK	1	271	24.60					
100	QPSK	155	0	24.67			20.0	0.0	
100	QPSK	155	69	24.57					
100	QPSK	155	138	24.44					
100	QPSK	210	0	24.66			20.0	0.0	
100	HQAM	1	1	24.71			20.0	0.0	
100	HQAM	1	1	24.67			20.0	1.0	
100	256QAM	1	1	21.89			23.0	3.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	24.77	24.76	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
80	PI2-BPSK	1	1	24.84	24.73	24.53	20.0	0.0	
Channel									
Frequency (MHz)									
70	PI2-BPSK	1	1	24.81	24.73	24.59	20.0	0.0	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	24.82	24.78	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	24.84	24.79	24.52	20.0	0.0	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	24.84	24.79	24.52	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	24.83	24.75	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	24.84	24.80	24.72	20.0	0.0	
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.81	24.68	24.84	20.0	0.0	
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.80	24.81	24.79	20.0	0.0	

Part270_n78(HPUe)_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	26.42			27.5	0.0	
100	PI2-BPSK	1	137	26.36					
100	PI2-BPSK	1	271	26.14					
100	PI2-BPSK	155	0	26.40			27.5	0.0	
100	PI2-BPSK	155	69	26.38			27.5	0.0	
100	PI2-BPSK	155	138	26.28			27.5	0.0	
100	PI2-BPSK	210	0	26.25					
100	QPSK	1	1	26.42			27.5	0.0	
100	QPSK	1	137	26.38					
100	QPSK	1	271	26.15					
100	QPSK	155	0	26.34			27.5	0.0	
100	QPSK	155	69	26.18					
100	QPSK	155	138	26.02					
100	QPSK	210	0	26.10			20.5	1.0	
100	HQAM	1	1	25.27			20.5	1.0	
100	HQAM	1	1	24.98			20.0	2.0	
100	256QAM	1	1	21.80			23.0	4.0	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	26.38	26.36	26.38	27.5	0.0	
Channel									
Frequency (MHz)									
80	PI2-BPSK	1	1	26.38	26.34	26.21	27.5	0.0	
Channel									
Frequency (MHz)									
70	PI2-BPSK	1	1	26.34	26.36	26.27	27.5	0.0	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	26.38	26.22	26.28	27.5	0.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	26.37	26.34	26.28	27.5	0.0	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	26.38	26.25	26.28	27.5	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	26.36	26.37	26.42	27.5	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	26.38	26.33	26.40	27.5	0.0	
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	26.33	26.37	26.42	27.5	0.0	
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	26.40	26.33	26.29	27.5	0.0	



5GNR Power for State 10

n2_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)				1880	1880	1900			
20	PI2 BPSK	1	1	24.26	24.52	24.71	20.0	0.0	
20	PI2 BPSK	1	53	24.24	24.48	24.78	20.0	0.0	
20	PI2 BPSK	1	104	24.28	24.38	24.58	20.0	0.0	
20	PI2 BPSK	50	0	24.16	24.44	24.20	20.0	0.0	
20	PI2 BPSK	50	28	24.20	24.48	24.57	20.0	0.0	
20	PI2 BPSK	50	56	24.23	24.48	24.56	20.0	0.0	
20	PI2 BPSK	100	0	24.18	24.48	24.48	20.0	0.0	
20	QPSK	1	53	24.27	24.51	24.14	20.0	0.0	
20	QPSK	1	104	24.49	24.43	24.13	20.0	0.0	
20	QPSK	50	0	24.21	24.42	24.24	20.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	20.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07	20.0	1.0	
20	QPSK	100	0	24.19	24.47	24.20	20.0	1.0	
20	HS-DMA	1	1	24.46	24.47	24.48	20.0	1.0	
20	HS-DMA	1	1	22.92	22.97	22.99	20.0	2.0	
20	HS-DMA	1	1	20.74	20.85	20.84	21.0	4.0	
Channel									
Frequency (MHz)				31600	31600	31600			
Channel									
Frequency (MHz)				1880	1880	1900			
10	PI2 BPSK	1	1	24.26	24.49	24.19	20.0	0.0	
Channel									
Frequency (MHz)				1880.5	1880	1907.5			
5	PI2 BPSK	1	1	24.40	24.46	24.24	20.0	0.0	

n2_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)				1880	1880	1900			
20	PI2 BPSK	1	1	23.67	23.75	23.61	20.0	0.0	
20	PI2 BPSK	1	53	23.67	23.74	23.59	20.0	0.0	
20	PI2 BPSK	1	104	23.67	23.83	23.54	20.0	0.0	
20	PI2 BPSK	50	0	23.52	23.85	23.47	20.0	0.0	
20	PI2 BPSK	50	28	23.56	23.73	23.57	20.0	0.0	
20	PI2 BPSK	50	56	23.61	23.84	23.46	20.0	0.0	
20	PI2 BPSK	100	0	23.46	23.84	23.46	20.0	0.0	
20	QPSK	1	53	23.83	23.70	23.54	20.0	0.0	
20	QPSK	1	104	23.53	23.71	23.53	20.0	0.0	
20	QPSK	50	0	23.40	23.83	23.57	20.0	0.0	
20	QPSK	50	28	23.67	23.80	23.43	20.0	0.0	
20	QPSK	50	56	23.61	23.83	23.50	20.0	0.0	
20	QPSK	100	0	23.40	23.87	23.50	20.0	0.0	
20	HS-DMA	1	1	23.54	23.51	23.44	20.0	0.0	
20	HS-DMA	1	1	22.89	22.78	22.73	20.0	1.5	
20	HS-DMA	1	1	20.50	20.85	20.56	21.0	3.5	
Channel									
Frequency (MHz)				31700	31700	31700			
Channel									
Frequency (MHz)				1880.5	1880	1907.5			
15	PI2 BPSK	1	1	23.30	23.85	23.47	20.0	0.0	
Channel									
Frequency (MHz)				1880	1880	1900			
10	PI2 BPSK	1	1	23.48	23.88	23.55	20.0	0.0	
Channel									
Frequency (MHz)				1882.5	1880	1907.5			
5	PI2 BPSK	1	1	23.60	23.69	23.56	20.0	0.0	

n5_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)				834	834.5	834			
20	PI2 BPSK	1	1	24.32	24.47	24.25	20.0	0.0	
20	PI2 BPSK	1	53	24.19	24.12	24.09	20.0	0.0	
20	PI2 BPSK	1	104	24.03	24.10	24.03	20.0	0.0	
20	PI2 BPSK	50	0	24.23	24.18	24.10	20.0	0.0	
20	PI2 BPSK	50	28	24.26	24.20	24.21	20.0	1.0	
20	PI2 BPSK	50	56	24.19	24.09	24.09	20.0	0.5	
20	PI2 BPSK	100	0	24.26	24.26	24.18	20.0	0.0	
20	QPSK	1	53	24.24	24.17	24.17	20.0	0.0	
20	QPSK	1	104	24.13	24.13	24.10	20.0	0.0	
20	QPSK	50	0	24.37	24.20	24.24	20.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	20.0	0.0	
20	QPSK	50	56	24.18	24.11	24.08	20.0	1.0	
20	QPSK	100	0	24.28	24.19	24.18	20.0	0.0	
20	HS-DMA	1	1	24.40	24.37	24.35	20.0	1.0	
20	HS-DMA	1	1	22.95	22.99	22.92	20.0	2.0	
20	HS-DMA	1	1	20.36	20.84	20.79	21.0	4.5	
Channel									
Frequency (MHz)				815.0	815.0	815.0			
Channel									
Frequency (MHz)				830	834.5	844			
15	PI2 BPSK	1	1	24.39	24.28	24.27	20.0	0.0	
Channel									
Frequency (MHz)				830	834.5	844			
10	PI2 BPSK	1	1	24.33	24.19	24.24	20.0	0.0	
Channel									
Frequency (MHz)				834.5	834.5	844.5			
5	PI2 BPSK	1	1	24.34	24.25	24.19	20.0	0.0	

n5_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)				1880	1880	1900			
20	PI2 BPSK	1	1	24.12	24.41	24.25	20.0	0.0	
20	PI2 BPSK	1	53	24.19	24.12	24.09	20.0	0.0	
20	PI2 BPSK	1	104	24.03	24.10	24.03	20.0	0.0	
20	PI2 BPSK	50	0	24.23	24.18	24.10	20.0	0.0	
20	PI2 BPSK	50	28	24.26	24.20	24.21	20.0	1.0	
20	PI2 BPSK	50	56	24.19	24.09	24.09	20.0	0.5	
20	PI2 BPSK	100	0	24.26	24.26	24.18	20.0	0.0	
20	QPSK	1	53	24.24	24.17	24.17	20.0	0.0	
20	QPSK	1	104	24.13	24.13	24.10	20.0	0.0	
20	QPSK	50	0	24.37	24.20	24.24	20.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	20.0	0.0	
20	QPSK	50	56	24.18	24.10	24.08	20.0	1.0	
20	QPSK	100	0	24.28	24.19	24.18	20.0	0.0	
20	HS-DMA	1	1	24.40	24.37	24.35	20.0	1.0	
20	HS-DMA	1	1	22.95	22.99	22.92	20.0	2.0	
20	HS-DMA	1	1	20.36	20.84	20.79	21.0	4.5	
Channel									
Frequency (MHz)				1880	1880	1900			
Channel									
Frequency (MHz)				1880.5	1880	1907.5			
15	PI2 BPSK	1	1	24.30	24.28	24.27	20.0	0.0	
Channel									
Frequency (MHz)				1880	1880	1900			
10	PI2 BPSK	1	1	24.33	24.19	24.24	20.0	0.0	
Channel									
Frequency (MHz)				1882.5	1880	1907.5			
5	PI2 BPSK	1	1	24.34	24.25	24.19	20.0	0.0	



n13_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MFR (dB)	MFR (dB)
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.60			20.0	0.0	
10	PI2 BPSK	1	26	24.48					
10	PI2 BPSK	1	50	24.33					
10	PI2 BPSK	25	0	24.42			25.0	0.0	
10	PI2 BPSK	25	14	24.45			26.0	0.0	
10	PI2 BPSK	25	27	24.43			25.0	0.5	
10	PI2 BPSK	50	0	24.42					
10	QPSK	1	1	24.50			20.0	0.0	
10	QPSK	1	26	24.50					
10	QPSK	1	50	24.47					
10	QPSK	25	0	23.81			20.0	1.0	
10	QPSK	25	14	24.41			20.0	0.0	
10	QPSK	25	27	23.88			20.0	1.0	
10	QPSK	50	0	23.79			20.0	1.0	
10	16QAM	1	1	23.08			20.0	1.0	
10	16QAM	1	1	21.78			23.0	2.0	
10	256QAM	1	1	19.95			21.0	4.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.52	24.48	24.55	20.0	0.0	
Channel				15500	15500	15500	min	MFR	
Frequency (MHz)				775.0	782	784.5	dBm	(dB)	

n13_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MFR (dB)	MFR (dB)
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.60			20.0	0.0	
10	PI2 BPSK	1	26	24.48					
10	PI2 BPSK	1	50	24.33					
10	PI2 BPSK	25	0	24.42			25.0	0.0	
10	PI2 BPSK	25	14	24.45			26.0	0.0	
10	PI2 BPSK	25	27	24.43			25.0	0.5	
10	PI2 BPSK	50	0	24.42					
10	QPSK	1	1	24.50			20.0	0.0	
10	QPSK	1	26	24.50					
10	QPSK	1	50	24.47					
10	QPSK	25	0	23.81			20.0	1.0	
10	QPSK	25	14	24.41			20.0	0.0	
10	QPSK	25	27	23.88			20.0	1.0	
10	QPSK	50	0	23.79			20.0	1.0	
10	16QAM	1	1	23.08			20.0	1.0	
10	16QAM	1	1	21.78			23.0	2.0	
10	256QAM	1	1	19.95			21.0	4.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.52	24.48	24.55	20.0	0.0	
Channel				15500	15500	15500	min	MFR	
Frequency (MHz)				775.0	782	784.5	dBm	(dB)	

n25_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MFR (dB)	MFR (dB)
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.10	24.05	24.15			
20	PI2 BPSK	1	83	24.83	24.81	24.85	20.0	0.0	
20	PI2 BPSK	1	104	24.80	24.80	24.80			
20	PI2 BPSK	50	0	24.78	24.78	24.81	20.0	0.0	
20	PI2 BPSK	50	28	24.96	24.91	24.91	20.0	1.0	
20	PI2 BPSK	50	56	24.87	24.87	24.81	20.0	0.5	
20	PI2 BPSK	100	1	24.80	24.79	24.81			
20	QPSK	1	1	24.47	24.25	24.25			
20	QPSK	1	53	24.80	24.80	24.81	20.0	0.0	
20	QPSK	1	104	24.48	24.28	24.28			
20	QPSK	50	0	24.94	24.40	24.22	20.0	1.0	
20	QPSK	50	28	24.85	24.21	24.13	20.0	0.0	
20	QPSK	50	56	24.70	24.21	24.14	20.0	1.0	
20	QPSK	100	0	24.82	24.20	24.14	20.0	1.0	
20	16QAM	1	1	23.00	24.00	24.01	20.0	1.0	
20	16QAM	1	1	21.47	23.25	22.95	20.0	2.0	
20	256QAM	1	1	21.48	21.00	20.73	21.0	4.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	25.00	24.50	24.28	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	25.00	24.43	24.19	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	
5	PI2 BPSK	1	1	24.98	24.41	24.21	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	

n25_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Turn-up time (min)	MFR (dB)	MFR (dB)
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.10	24.05	24.15			
20	PI2 BPSK	1	53	24.81	23.48	23.21	20.0	0.0	
20	PI2 BPSK	1	104	24.82	23.45	23.17	20.0	0.0	
20	PI2 BPSK	50	0	24.81	23.50	23.15	20.0	0.0	
20	PI2 BPSK	50	28	24.90	23.50	23.15	20.0	0.0	
20	PI2 BPSK	50	56	24.81	23.47	23.20	20.0	0.0	
20	PI2 BPSK	100	1	24.80	23.50	23.21			
20	QPSK	1	1	24.01	23.47	23.15			
20	QPSK	1	53	24.84	23.81	23.20	20.0	0.0	
20	QPSK	1	104	24.80	23.48	23.21			
20	QPSK	50	0	24.80	23.41	23.17	20.0	0.0	
20	QPSK	50	28	24.80	23.24	23.10	20.0	0.0	
20	QPSK	50	56	23.90	23.27	23.01	20.0	0.0	
20	QPSK	100	0	24.88	23.48	23.23	20.0	0.0	
20	16QAM	1	1	24.00	23.38	23.15	20.0	0.0	
20	16QAM	1	1	23.38	23.22	22.97	20.0	1.0	
20	256QAM	1	1	21.45	20.97	20.74	21.0	4.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.88	23.39	23.24	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.05	23.33	23.40	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	
5	PI2 BPSK	1	1	24.00	23.40	23.20	20.0	0.0	
Channel				31500	31500	31500	min	MFR	
Frequency (MHz)				1650.0	1650.0	1650.0	dBm	(dB)	



n71_Ant 0									
RF BWS	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup (dB)	MR (dB)	
Channel									
Frequency (MHz)									
20	PVZ BPSK	1	1	24.55	24.67	24.64	20.0	0.0	
20	PVZ BPSK	1	53	24.55	24.68	24.62	20.0	0.0	
20	PVZ BPSK	1	104	24.54	24.15	24.05	20.0	0.0	
20	PVZ BPSK	50	0	24.52	24.64	24.21	20.0	0.0	
20	PVZ BPSK	50	28	24.52	24.65	24.16	20.0	0.0	
20	PVZ BPSK	50	56	24.50	24.34	23.96	20.0	0.0	
20	PVZ BPSK	100	0	24.47	24.46	24.10	20.0	0.0	
20	QPSK	1	53	24.62	24.66	24.65	20.0	0.0	
20	QPSK	1	104	24.28	24.13	24.07	20.0	0.0	
20	QPSK	50	0	24.53	24.15	24.00	20.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	20.0	0.0	
20	QPSK	50	56	24.19	23.74	23.67	20.0	1.0	
20	QPSK	100	0	24.13	24.07	23.58	20.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	20.0	1.0	
20	16QAM	1	1	22.71	22.86	22.86	20.0	2.0	
20	16QAM	1	1	20.40	20.59	20.65	21.0	4.0	
Channel									
Frequency (MHz)									
15	PVZ BPSK	1	1	24.52	24.66	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PVZ BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PVZ BPSK	1	1	24.40	24.57	24.42	20.0	0.0	

n71_Ant 2									
RF BWS	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turnup (dB)	MR (dB)	
Channel									
Frequency (MHz)									
20	PVZ BPSK	1	1	24.55	24.67	24.64	20.0	0.0	
20	PVZ BPSK	1	53	24.55	24.68	24.62	20.0	0.0	
20	PVZ BPSK	1	104	24.54	24.15	24.05	20.0	0.0	
20	PVZ BPSK	50	0	24.52	24.64	24.21	20.0	0.0	
20	PVZ BPSK	50	28	24.52	24.65	24.16	20.0	0.0	
20	PVZ BPSK	50	56	24.50	24.34	23.96	20.0	0.0	
20	PVZ BPSK	100	0	24.47	24.46	24.10	20.0	0.0	
20	QPSK	1	53	24.62	24.66	24.65	20.0	0.0	
20	QPSK	1	104	24.28	24.13	24.07	20.0	0.0	
20	QPSK	50	0	24.53	24.15	24.00	20.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	20.0	0.0	
20	QPSK	50	56	24.19	23.74	23.67	20.0	1.0	
20	QPSK	100	0	24.13	24.07	23.58	20.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	20.0	1.0	
20	16QAM	1	1	22.71	22.86	22.86	20.0	2.0	
20	16QAM	1	1	20.40	20.59	20.65	21.0	4.0	
Channel									
Frequency (MHz)									
15	PVZ BPSK	1	1	24.52	24.66	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PVZ BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PVZ BPSK	1	1	24.40	24.57	24.42	20.0	0.0	



Part270_n78_Ant 8

Table with 12 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, Power Low Ch. / Freq, Time-up (ms), MPR (dB), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like Pi2 BPSK, QPSK, and SS/GAM.

Part270_n78(HPUe)_Ant 8

Table with 12 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, Power Low Ch. / Freq, Time-up (ms), MPR (dB), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like Pi2 BPSK, QPSK, and SS/GAM.

Part270_n78_Ant 9

Table with 12 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, Power Low Ch. / Freq, Time-up (ms), MPR (dB), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like Pi2 BPSK, QPSK, and SS/GAM.

Part270_n78(HPUe)_Ant 9

Table with 12 columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, Power Low Ch. / Freq, Time-up (ms), MPR (dB), MPR (dB). Rows include Channel, Frequency (MHz), and various modulation schemes like Pi2 BPSK, QPSK, and SS/GAM.



Part270_n78_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level	Power Min Ch. F.Freq.	Power Max Ch. F.Freq.	Time-up (min)	MR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		24.88		20.0	0.0	
100	P12 BPSK	1	137		24.79				
100	P12 BPSK	1	271		24.83				
100	P12 BPSK	155	0		24.88		20.0	0.0	
100	P12 BPSK	155	89		24.83		20.0	0.0	
100	P12 BPSK	155	138		24.47		20.0	0.0	
100	P12 BPSK	210	0		24.81		20.0	0.0	
100	QPSK	1	1		24.81		20.0	0.0	
100	QPSK	1	137		24.73		20.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	155	0		24.87		20.0	0.0	
100	QPSK	155	89		24.83		20.0	0.0	
100	QPSK	155	138		24.44		20.0	0.0	
100	QPSK	210	0		24.86		20.0	0.0	
100	HQAM	1	1		24.81		20.0	0.0	
100	HQAM	1	1		24.87		20.0	1.0	
100	SSQAM	1	1		24.89		23.0	3.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1		24.77	24.76	24.78	20.0	0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		24.24	24.23	24.81	20.0	0.0
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1		24.72	24.73	24.80	20.0	0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		24.82	24.83	24.78	20.0	0.0
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1		24.42	24.41	24.70	20.0	0.0
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1		24.84	24.78	24.82	20.0	0.0
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1		24.43	24.75	24.78	20.0	0.0
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1		24.84	24.80	24.72	20.0	0.0
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1		24.87	24.88	24.84	20.0	0.0
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1		24.88	24.81	24.78	20.0	0.0

Part270_n78(HPUE)_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level	Power Min Ch. F.Freq.	Power Max Ch. F.Freq.	Time-up (min)	MR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1		26.43		27.5	0.0	
100	P12 BPSK	1	137		26.38				
100	P12 BPSK	1	271		26.14				
100	P12 BPSK	155	0		26.42		27.0	0.0	
100	P12 BPSK	155	89		26.29		27.5	0.0	
100	P12 BPSK	155	138		25.58		27.0	0.5	
100	P12 BPSK	210	0		26.43		27.5	0.0	
100	QPSK	1	1		26.43		27.5	0.0	
100	QPSK	1	137		26.38		27.5	0.0	
100	QPSK	1	271		26.13				
100	QPSK	155	0		25.34		27.5	0.0	
100	QPSK	155	89		26.18		27.5	0.0	
100	QPSK	155	138		25.02		27.5	0.0	
100	QPSK	210	0		25.10		26.5	1.0	
100	HQAM	1	1		26.43		26.5	1.0	
100	HQAM	1	1		24.93		26.0	2.0	
100	SSQAM	1	1		24.60		23.0	4.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1		26.38	26.38	26.38	27.5	0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		26.38	26.34	26.38	27.5	0.0
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1		26.34	26.28	26.33	27.5	0.0
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1		26.38	26.38	26.38	27.5	0.0
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1		26.32	26.34	26.34	27.5	0.0
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1		26.32	26.32	26.32	27.5	0.0
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1		26.28	26.28	26.28	27.5	0.0
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1		26.28	26.31	26.40	27.5	0.0
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1		26.33	26.37	26.43	27.5	0.0
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1		26.40	26.33	26.36	27.5	0.0



5GNR Power for State 11

n2_Ant 1													
BW (MHz)	Modulation	RS Size	RS Offset	Power			Time-up (dB)	MPR (dB)					
				Low Ch. (F/MHz)	Mid Ch. (F/MHz)	High Ch. (F/MHz)							
Channel				37500	37500	38000							
Frequency (MHz)				1990	1990	1990							
20	PUSCH	1	1	24.31	24.32	24.37	26.0	0.0					
20	PUSCH	1	53	24.26	24.48	24.18	26.0	0.0					
20	PUSCH	1	104	24.26	24.38	24.09	25.5	0.0					
20	PUSCH	50	0	24.13	24.44	24.20	25.5	0.0					
20	PUSCH	50	28	24.24	24.42	24.30	26.0	0.0					
20	PUSCH	50	56	24.21	24.48	24.02	26.5	0.0					
20	PUSCH	100	0	24.16	24.47	24.20	26.0	0.0					
20	QPSK	1	1	24.26	24.46	24.41	26.0	0.0					
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0					
20	QPSK	1	104	24.45	24.43	24.13	25.0	1.0					
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0					
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0					
20	QPSK	50	56	24.22	24.44	24.07	25.0	1.0					
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0					
20	HEMAM	1	1	24.40	24.47	24.49	25.0	1.0					
20	HEMAM	1	1	24.40	24.49	24.39	25.5	4.5					
20	HEMAM	1	1	25.74	25.85	25.84	21.5	4.5					
Channel				37500	37500	38000	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1990	1990	1990							
Channel				37500	37500	38100	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1990	1990	1990							
Channel				37500	37500	38150	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1995.5	1990	1997.5							
Channel				37500	37500	38200	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1995.5	1990	1997.5							

n2_Ant 2													
BW (MHz)	Modulation	RS Size	RS Offset	Power			Time-up (dB)	MPR (dB)					
				Low Ch. (F/MHz)	Mid Ch. (F/MHz)	High Ch. (F/MHz)							
Channel				37500	37500	38000							
Frequency (MHz)				1990	1990	1990							
20	PUSCH	1	1	22.17	22.59	22.11	24.0	0.0					
20	PUSCH	1	53	22.60	22.88	22.32	24.0	0.0					
20	PUSCH	1	104	22.47	22.64	22.48	24.0	0.0					
20	PUSCH	50	0	22.47	22.64	22.47	24.0	0.0					
20	PUSCH	50	28	22.48	22.77	22.46	24.0	0.0					
20	PUSCH	50	56	22.41	22.53	22.48	24.0	0.0					
20	PUSCH	100	0	22.20	22.55	22.33	24.0	0.0					
20	QPSK	1	1	22.49	22.49	22.49	24.0	0.0					
20	QPSK	1	53	22.59	22.49	22.44	24.0	0.0					
20	QPSK	1	104	22.52	22.48	22.42	24.0	0.0					
20	QPSK	50	0	22.52	22.42	22.43	24.0	0.0					
20	QPSK	50	28	22.44	22.49	22.35	24.0	0.0					
20	QPSK	50	56	22.31	22.39	22.43	24.0	0.0					
20	QPSK	100	0	22.47	22.46	22.44	24.0	0.0					
20	HEMAM	1	1	22.52	22.43	22.38	24.0	0.0					
20	HEMAM	1	1	22.47	22.46	22.30	23.5	0.0					
20	HEMAM	1	1	25.83	25.87	25.43	21.5	2.5					
Channel				37500	37500	38000	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1990	1990	1990							
Channel				37500	37500	38100	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1990	1990	1990							
Channel				37500	37500	38150	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1995.5	1990	1997.5							
Channel				37500	37500	38200	Time-up (dB)	MPR (dB)					
Frequency (MHz)				1995.5	1990	1997.5							

n5_Ant 0													
BW (MHz)	Modulation	RS Size	RS Offset	Power			Time-up (dB)	MPR (dB)					
				Low Ch. (F/MHz)	Mid Ch. (F/MHz)	High Ch. (F/MHz)							
Channel				16500	16750	16750							
Frequency (MHz)				825	825.5	825							
20	PUSCH	1	1	24.32	24.41	24.25	26.0	0.0					
20	PUSCH	1	53	24.15	24.12	24.09	26.0	0.0					
20	PUSCH	1	104	24.02	24.10	24.01	25.5	0.5					
20	PUSCH	50	0	24.23	24.18	24.16	25.5	0.5					
20	PUSCH	50	28	24.25	24.20	24.05	26.0	0.0					
20	PUSCH	50	56	24.15	24.20	24.05	26.0	0.0					
20	PUSCH	100	0	24.28	24.28	24.18	26.0	0.0					
20	QPSK	1	1	24.26	24.26	24.26	26.0	0.0					
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0					
20	QPSK	1	104	24.11	24.13	24.10	25.0	1.0					
20	QPSK	50	0	24.21	24.28	24.24	25.0	1.0					
20	QPSK	50	28	24.22	24.18	24.18	26.0	0.0					
20	QPSK	50	56	24.18	24.10	24.08	25.0	1.0					
20	QPSK	100	0	24.28	24.19	24.18	25.0	1.0					
20	HEMAM	1	1	24.46	24.37	24.35	25.0	1.0					
20	HEMAM	1	1	25.89	25.49	25.39	23.5	2.5					
20	HEMAM	1	1	25.90	25.84	25.76	21.5	4.5					
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							

n5_Ant 2													
BW (MHz)	Modulation	RS Size	RS Offset	Power			Time-up (dB)	MPR (dB)					
				Low Ch. (F/MHz)	Mid Ch. (F/MHz)	High Ch. (F/MHz)							
Channel				16500	16750	16750							
Frequency (MHz)				825	825.5	825							
20	PUSCH	1	1	21.81	21.80	21.80	23.5	0.0					
20	PUSCH	1	53	21.77	21.79	21.84	23.5	0.0					
20	PUSCH	1	104	21.59	21.57	21.54	23.5	0.0					
20	PUSCH	50	0	21.59	21.80	21.54	23.5	0.0					
20	PUSCH	50	28	21.62	21.80	21.55	24.0	0.0					
20	PUSCH	50	56	21.57	21.80	21.55	24.0	0.0					
20	PUSCH	100	0	21.82	21.82	21.83	23.5	0.0					
20	QPSK	1	1	21.86	21.83	21.73	23.5	0.0					
20	QPSK	1	53	21.50	21.80	21.87	23.5	0.0					
20	QPSK	1	104	21.88	21.81	21.58	23.5	0.0					
20	QPSK	50	0	21.80	21.79	21.69	23.5	0.0					
20	QPSK	50	28	21.87	21.87	21.84	23.5	0.0					
20	QPSK	50	56	21.69	21.83	21.85	23.5	0.0					
20	QPSK	100	0	21.87	21.87	21.87	23.5	0.0					
20	HEMAM	1	1	21.78	21.79	21.80	23.5	0.0					
20	HEMAM	1	1	21.83	21.84	21.70	24.0	0.0					
20	HEMAM	1	1	25.95	25.90	25.81	21.5	2.0					
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							
Channel				16500	16750	16800	Time-up (dB)	MPR (dB)					
Frequency (MHz)				825	825.5	825							



n7_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. (F/Hz)	Power Main Ch. (F/Hz)	Power High Ch. (F/Hz)	Time-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.01	24.04	24.12	25.0	0.0	
40	PI2 BPSK	1	108	24.00	24.01	24.58	25.0	0.0	
40	PI2 BPSK	1	214	24.00	24.00	24.50	25.0	0.0	
40	PI2 BPSK	168	0	24.50	24.51	24.38	25.0	0.0	
40	PI2 BPSK	168	108	24.58	24.55	24.52	25.0	0.0	
40	PI2 BPSK	216	0	24.46	24.54	24.38	25.0	0.0	
40	QPSK	1	1	24.01	24.01	24.01	26.0	0.0	
40	QPSK	1	108	24.07	24.07	24.58	26.0	0.0	
40	QPSK	1	214	24.44	24.03	24.53	26.0	1.0	
40	QPSK	168	0	24.07	24.48	24.48	26.0	1.0	
40	QPSK	168	108	24.57	24.56	24.52	26.0	0.0	
40	QPSK	168	214	24.45	24.47	24.38	26.0	1.0	
40	QPSK	216	0	24.17	24.11	24.20	26.0	1.0	
40	HS-DSSS	1	1	24.40	24.40	24.4	26.0	4.5	
40	HS-DSSS	1	1	25.06	25.07	25.75	21.5	4.5	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.03	24.58	24.58	26.0	0.0	
Channel									
Frequency (MHz)									
25	PI2 BPSK	1	1	24.47	24.58	24.50	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.50	24.80	24.57	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.46	24.61	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.43	24.56	24.52	26.0	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. (F/Hz)	Power Main Ch. (F/Hz)	Power High Ch. (F/Hz)	Time-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	18.11	18.05	18.12	18.5	0.0	
40	PI2 BPSK	1	108	18.04	18.02	18.72	18.5	0.0	
40	PI2 BPSK	1	214	18.00	18.04	18.50	18.5	0.0	
40	PI2 BPSK	168	0	18.77	18.47	18.85	18.5	0.0	
40	PI2 BPSK	168	108	18.15	18.05	18.81	18.5	0.0	
40	PI2 BPSK	216	0	18.88	18.50	18.85	18.5	0.0	
40	QPSK	1	1	18.01	18.01	18.01	18.5	0.0	
40	QPSK	1	108	18.04	18.01	18.52	18.5	0.0	
40	QPSK	1	214	18.53	18.04	18.87	18.5	0.0	
40	QPSK	168	0	18.00	18.03	18.84	18.5	0.0	
40	QPSK	168	108	18.48	18.08	18.91	18.5	0.0	
40	QPSK	168	214	18.85	18.84	18.85	18.5	0.0	
40	QPSK	216	0	18.50	18.50	18.50	18.5	0.0	
40	HS-DSSS	1	1	18.46	18.46	18.44	18.5	0.0	
40	HS-DSSS	1	1	18.88	18.85	18.88	18.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	18.82	18.91	18.85	18.5	0.0	
Channel									
Frequency (MHz)									
25	PI2 BPSK	1	1	18.91	18.91	18.93	18.5	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	18.88	18.88	18.89	18.5	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	18.85	18.85	18.92	18.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	18.88	18.80	18.93	18.5	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	18.86	18.90	18.91	18.5	0.0	

n12_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. (F/Hz)	Power Main Ch. (F/Hz)	Power High Ch. (F/Hz)	Time-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.65	24.67	24.72	26.0	0.0	
15	PI2 BPSK	1	40	24.61	24.63	24.65	26.0	0.0	
15	PI2 BPSK	1	87	24.67	24.65	24.65	26.0	0.0	
15	PI2 BPSK	36	0	23.77	23.67	24.67	26.0	0.5	
15	PI2 BPSK	36	40	24.62	24.57	24.55	26.0	0.5	
15	PI2 BPSK	75	0	24.17	24.37	24.35	26.0	0.0	
15	QPSK	1	1	24.68	24.68	24.78	26.0	0.0	
15	QPSK	1	40	25.02	25.18	25.18	26.0	0.0	
15	QPSK	1	77	24.88	25.00	24.94	26.0	0.0	
15	QPSK	36	0	23.20	23.20	23.85	26.0	1.0	
15	QPSK	36	22	24.87	24.87	25.08	26.0	0.5	
15	QPSK	36	40	24.68	24.11	24.10	26.0	1.0	
15	QPSK	75	0	23.72	23.81	23.89	26.0	1.0	
15	HS-DSSS	1	1	23.84	23.80	23.83	26.0	2.5	
15	HS-DSSS	1	1	23.20	23.24	23.24	21.5	4.5	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.46	24.53	24.51	26.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.61	24.75	24.93	26.0	0.5	

n12_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. (F/Hz)	Power Main Ch. (F/Hz)	Power High Ch. (F/Hz)	Time-up (dBm)	MFR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	23.95	23.97	23.91	25.0	0.0	
15	PI2 BPSK	1	40	24.11	24.14	24.14	25.0	0.0	
15	PI2 BPSK	1	77	24.00	24.04	24.04	25.0	0.0	
15	PI2 BPSK	36	0	24.05	24.00	24.00	25.0	0.0	
15	PI2 BPSK	36	22	24.04	24.11	24.05	25.0	0.0	
15	PI2 BPSK	75	0	24.08	24.12	24.08	25.0	0.0	
15	QPSK	1	1	23.97	23.96	23.88	25.0	0.0	
15	QPSK	1	40	24.14	24.15	24.15	25.0	0.0	
15	QPSK	1	77	24.05	24.12	24.07	25.0	0.0	
15	QPSK	36	0	23.90	24.07	24.10	25.0	0.0	
15	QPSK	36	22	24.11	24.05	24.09	25.0	0.0	
15	QPSK	36	40	24.08	24.08	24.03	25.0	0.0	
15	QPSK	75	0	24.05	24.05	23.97	25.0	0.0	
15	HS-DSSS	1	40	24.02	24.06	23.90	25.0	0.0	
15	HS-DSSS	1	40	24.16	24.07	24.26	24.5	1.5	
15	HS-DSSS	1	40	25.43	25.35	25.25	21.5	3.5	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	23.99	24.03	23.92	25.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	23.88	23.91	23.84	25.0	0.0	



n26_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (MHz)	Power Mid Ch./Freq. (MHz)	Power High Ch./Freq. (MHz)	Turnup time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
26	PI2-BPSK	1	1	24.05	24.01	24.03			0.0
20	PI2-BPSK	1	53	24.52	24.50	24.51	26.0		0.0
26	PI2-BPSK	1	104	24.97	24.96	24.94			0.0
26	PI2-BPSK	50	0	24.93	24.91	24.96	25.0		0.0
20	PI2-BPSK	50	26	24.95	24.96	24.95	26.0		0.0
20	PI2-BPSK	50	56	24.92	24.95	24.92	26.0		0.0
20	PI2-BPSK	100	0	24.92	24.98	24.95	26.0		0.0
26	QPSK	1	1	24.96	24.92	24.94			0.0
26	QPSK	1	53	24.97	24.93	24.95	26.0		0.0
20	QPSK	1	104	24.90	24.90	24.90			0.0
26	QPSK	50	0	24.99	24.92	24.90	25.0		1.0
26	QPSK	50	26	24.93	24.94	24.91	26.0		0.0
20	QPSK	50	56	24.98	24.94	24.96	25.0		1.0
26	QPSK	100	0	24.97	24.90	24.91			0.0
26	16QAM	1	1	24.95	24.93	24.91	25.0		1.0
26	16QAM	1	1	24.91	24.94	24.96	24.0		2.0
26	256QAM	1	1	25.92	25.92	25.95	21.5		4.5
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.93	24.94	24.97	26.0		0.0
Channel									
Frequency (MHz)									
16	PI2-BPSK	1	1	24.91	24.91	24.96	26.0		0.0
Channel									
Frequency (MHz)									
5	PI2-BPSK	1	1	24.46	24.91	24.95	26.0		0.0

n26_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (MHz)	Power Mid Ch./Freq. (MHz)	Power High Ch./Freq. (MHz)	Turnup time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
26	PI2-BPSK	1	1	22.12	22.16	22.14			0.0
20	PI2-BPSK	1	53	22.04	22.09	22.13	23.5		0.0
20	PI2-BPSK	1	104	21.98	22.04	22.03			0.0
20	PI2-BPSK	50	0	22.00	22.11	21.97	23.5		0.0
20	PI2-BPSK	50	26	22.05	22.03	21.96	23.5		0.0
20	PI2-BPSK	100	0	22.04	22.11	22.07	23.5		0.0
26	QPSK	1	1	22.14	22.16	22.14			0.0
26	QPSK	1	53	22.05	22.09	22.12	23.5		0.0
20	QPSK	1	104	22.06	22.05	22.09			0.0
26	QPSK	50	0	22.00	22.04	22.02	23.5		0.0
26	QPSK	50	26	22.01	22.04	22.06	23.5		0.0
20	QPSK	50	56	22.02	21.91	21.91	23.5		0.0
26	QPSK	100	0	22.04	22.05	22.02			0.0
26	16QAM	1	1	21.99	22.03	21.96	23.5		0.0
26	16QAM	1	1	24.91	24.90	24.94	24.0		2.0
26	256QAM	1	1	25.92	25.98	25.97	22.0		1.5
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	22.09	22.02	22.08	23.5		0.0
Channel									
Frequency (MHz)									
16	PI2-BPSK	1	1	22.18	22.15	22.12	23.5		0.0
Channel									
Frequency (MHz)									
5	PI2-BPSK	1	1	22.15	22.03	22.15	23.5		0.0

n66_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (MHz)	Power Mid Ch./Freq. (MHz)	Power High Ch./Freq. (MHz)	Turnup time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	24.91	24.95	24.95			0.0
40	PI2-BPSK	1	106	24.91	24.95	24.99	26.0		0.0
40	PI2-BPSK	1	214	24.96	24.92	24.94			0.0
40	PI2-BPSK	108	0	24.91	24.91	24.93	25.5		0.5
40	PI2-BPSK	108	54	24.95	24.97	24.98	26.0		0.5
40	PI2-BPSK	108	108	24.93	24.97	24.98	26.0		0.5
40	PI2-BPSK	216	0	24.93	24.95	24.97	26.0		0.0
40	QPSK	1	1	24.96	24.93	24.95			0.0
40	QPSK	1	106	24.93	24.97	24.93	26.0		0.0
40	QPSK	1	214	24.94	24.90	24.94			0.0
40	QPSK	108	0	24.91	24.97	24.93	25.0		1.0
40	QPSK	108	54	24.93	24.98	24.95	26.0		0.0
40	QPSK	108	108	24.97	24.94	24.95	25.0		1.0
40	QPSK	216	0	24.91	24.96	24.95	25.0		1.0
40	16QAM	1	1	24.94	24.94	24.95	25.0		1.0
40	16QAM	1	1	24.94	24.97	24.96	23.5		2.0
40	256QAM	1	1	25.95	25.95	25.95	21.5		4.5
Channel									
Frequency (MHz)									
20	PI2-BPSK	1	1	24.90	24.89	24.89	26.0		0.0
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.92	24.89	24.84	26.0		0.0
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	24.89	24.77	24.82	26.0		0.0
Channel									
Frequency (MHz)									
5	PI2-BPSK	1	1	24.90	24.83	24.87	26.0		0.0

n66_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (MHz)	Power Mid Ch./Freq. (MHz)	Power High Ch./Freq. (MHz)	Turnup time (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	24.91	24.95	24.95			0.0
40	PI2-BPSK	1	108	24.91	24.96	24.99	26.0		0.0
40	PI2-BPSK	1	214	24.96	24.92	24.94			0.0
40	PI2-BPSK	108	0	24.91	24.91	24.93	25.5		0.5
40	PI2-BPSK	108	54	24.95	24.97	24.98	26.0		0.5
40	PI2-BPSK	108	108	24.93	24.97	24.98	26.0		0.5
40	PI2-BPSK	216	0	24.93	24.95	24.97	26.0		0.0
40	QPSK	1	1	24.96	24.93	24.95			0.0
40	QPSK	1	108	24.93	24.97	24.93	26.0		0.0
40	QPSK	1	214	24.94	24.90	24.94			0.0
40	QPSK	108	0	24.91	24.97	24.93	25.0		1.0
40	QPSK	108	54	24.93	24.98	24.95	26.0		0.0
40	QPSK	108	108	24.97	24.94	24.95	25.0		1.0
40	QPSK	216	0	24.91	24.96	24.95	25.0		1.0
40	16QAM	1	1	24.94	24.94	24.95	25.0		1.0
40	16QAM	1	1	24.94	24.97	24.96	23.5		2.0
40	256QAM	1	1	25.95	25.95	25.95	21.5		4.5
Channel									
Frequency (MHz)									
20	PI2-BPSK	1	1	24.90	24.85	24.89	26.0		0.0
Channel									
Frequency (MHz)									
15	PI2-BPSK	1	1	24.92	24.86	24.84	26.0		0.0
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	24.89	24.77	24.82	26.0		0.0
Channel									
Frequency (MHz)									
5	PI2-BPSK	1	1	24.92	24.85	24.87	26.0		0.0



n71_Ant 0								
RF Band	Modulation	RF Size	RF Offset	Power Line Ch. F.Freq.	Power Mod. Ch. F.Freq.	Power Tgt. Ch. F.Freq.	Time-to-Peak (dBm)	MPH (dB)
Channel				154000	158100	157000		
Frequency (MHz)				87.5	89.5	88		
20	PI2G BPSK	1	1	24.52	24.67	24.64		
20	PI2G BPSK	1	104	24.50	24.65	24.62	20.0	0.0
20	PI2G BPSK	1	104	24.50	24.75	24.65		
20	PI2G BPSK	50	0	24.52	24.64	24.21	20.0	0.0
20	PI2G BPSK	50	96	24.50	24.65	24.65	20.0	0.0
20	PI2G BPSK	50	96	24.50	24.75	24.65		
20	PI2G BPSK	100	0	24.61	24.63	24.10	20.0	0.0
20	QPSK	1	1	24.50	24.63	24.65		
20	QPSK	1	64	24.52	24.65	24.05	20.0	0.0
20	QPSK	1	104	24.50	24.75	24.07		
20	QPSK	50	0	24.50	24.75	24.00	20.0	1.0
20	QPSK	50	28	24.50	24.64	24.08	20.0	0.0
20	QPSK	50	96	24.50	23.75	23.67	20.0	1.0
20	QPSK	100	0	24.50	24.07	23.90		
20	HQAM	1	1	24.20	24.30	24.44	20.0	1.0
20	HQAM	1	1	24.71	24.66	24.66	20.0	2.0
20	HQAM	1	1	20.45	20.50	20.65	21.0	4.0
Channel				134100	138100	138100	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				83.0	86.0	86.0		
15	PI2G BPSK	1	1	24.52	24.66	24.47	20.0	0.0
Channel				133900	138100	138000	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				83.0	86.0	86.0		
10	PI2G BPSK	1	1	24.47	24.59	24.44	20.0	0.0
Channel				133100	138100	139100	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				80.5	86.0	86.5		
5	PI2G BPSK	1	1	24.40	24.57	24.42	20.0	0.0

n71_Ant 2								
RF Band	Modulation	RF Size	RF Offset	Power Line Ch. F.Freq.	Power Mod. Ch. F.Freq.	Power Tgt. Ch. F.Freq.	Time-to-Peak (dBm)	MPH (dB)
Channel				154000	158100	157000		
Frequency (MHz)				87.5	89.5	88		
20	PI2G BPSK	1	1	24.52	24.67	24.64		
20	PI2G BPSK	1	50	24.50	24.65	24.62	20.0	0.0
20	PI2G BPSK	1	104	24.50	24.75	24.65		
20	PI2G BPSK	50	0	24.52	24.64	24.21	20.0	0.0
20	PI2G BPSK	50	96	24.50	24.75	24.65	20.0	0.0
20	PI2G BPSK	50	96	24.50	24.75	24.65		
20	PI2G BPSK	100	0	24.61	24.63	24.10	20.0	0.0
20	QPSK	1	1	24.50	24.63	24.65		
20	QPSK	1	64	24.52	24.65	24.05	20.0	0.0
20	QPSK	1	104	24.50	24.75	24.07		
20	QPSK	50	0	24.50	24.75	24.00	20.0	1.0
20	QPSK	50	28	24.50	24.64	24.08	20.0	0.0
20	QPSK	50	96	24.50	23.75	23.67	20.0	1.0
20	QPSK	100	0	24.50	24.07	23.90		
20	HQAM	1	1	24.20	24.30	24.44	20.0	1.0
20	HQAM	1	1	24.71	24.66	24.66	20.0	2.0
20	HQAM	1	1	20.45	20.50	20.65	21.0	4.0
Channel				134100	138100	138100	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				83.0	86.0	86.0		
15	PI2G BPSK	1	1	24.52	24.66	24.47	20.0	0.0
Channel				133900	138100	138000	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				83.0	86.0	86.0		
10	PI2G BPSK	1	1	24.47	24.59	24.44	20.0	0.0
Channel				133100	138100	139100	Time-to-Peak (dBm)	MPH (dB)
Frequency (MHz)				80.5	86.0	86.5		
5	PI2G BPSK	1	1	24.40	24.57	24.42	20.0	0.0



n41_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Time-up (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	24.43	24.51	24.51				
100	PI2 BPSK	1	137	24.28	24.51	24.51	20.0	0.0		
100	PI2 BPSK	1	273	24.40	24.52	24.51				
100	PI2 BPSK	155	0	24.40	24.51	24.51	20.0	0.0		
100	PI2 BPSK	155	69	24.42	24.51	24.51	20.0	0.0		
100	PI2 BPSK	155	138	24.15	24.51	24.52	20.0	0.0		
100	PI2 BPSK	270	0	24.40	24.51	24.52				
100	QPSK	1	1	24.13	24.51	24.51				
100	QPSK	1	137	24.41	24.52	24.52	20.0	0.0		
100	QPSK	1	273	24.28	24.51	24.52				
100	QPSK	155	0	24.40	24.52	24.52				
100	QPSK	155	69	24.38	24.51	24.51	20.0	0.0		
100	QPSK	155	138	24.29	24.51	24.51	20.0	0.0		
100	QPSK	270	0	24.42	24.51	24.54	20.0	0.0		
100	HQAM	1	1	24.35	24.52	24.51	20.0	0.0		
100	HQAM	1	1	23.80	24.51	24.51	1.0			
100	HQAM	1	1	21.40	21.12	21.84	23.0	0.0		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	24.41	24.46	24.18	20.0	0.0		
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1	24.18	24.08	24.19	20.0	0.0		
Channel										
Frequency (MHz)										
70	PI2 BPSK	1	1	24.10	24.10	24.19	20.0	0.0		
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1	24.42	24.16	24.18	20.0	0.0		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	24.42	24.16	24.18	20.0	0.0		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	24.41	24.20	24.19	20.0	0.0		
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1	24.13	24.16	24.16	20.0	0.0		
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1	24.35	24.24	24.32	20.0	0.0		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	24.48	24.37	24.26	20.0	0.0		

n41(HPUe)_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Time-up (min)	MFR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	25.45	25.51	25.51				
100	PI2 BPSK	1	137	25.41	25.51	25.51	27.5	0.0		
100	PI2 BPSK	1	273	25.70	25.51	25.53				
100	PI2 BPSK	155	0	25.30	25.51	25.51	27.0	0.0		
100	PI2 BPSK	155	69	25.38	25.51	25.51	27.5	0.0		
100	PI2 BPSK	155	138	25.19	25.51	25.54	27.0	0.5		
100	PI2 BPSK	270	0	25.28	25.51	25.51				
100	QPSK	1	1	25.52	25.52	25.52				
100	QPSK	1	137	25.50	25.51	25.52	27.5	0.0		
100	QPSK	1	273	25.71	25.51	25.53				
100	QPSK	155	0	24.88	24.53	24.52				
100	QPSK	155	69	25.65	25.53	25.51	27.5	0.0		
100	QPSK	155	138	24.42	24.52	24.51				
100	QPSK	270	0	24.78	24.52	24.54	28.5	1.0		
100	HQAM	1	1	25.11	24.53	24.53	28.0	1.0		
100	HQAM	1	1	24.65	24.52	24.51	29.5	2.5		
100	HQAM	1	1	21.40	21.17	21.02	23.0	4.5		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	25.41	25.51	25.51	27.5	0.0		
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1	25.72	25.67	25.65	27.5	0.0		
Channel										
Frequency (MHz)										
70	PI2 BPSK	1	1	25.47	25.67	25.53	27.5	0.0		
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1	25.28	25.52	25.51	27.5	0.0		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	25.42	25.63	25.48	27.5	0.0		
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1	25.12	25.51	25.51	27.5	0.0		
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1	25.72	25.70	25.54	27.5	0.5		
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1	25.52	25.51	25.48	27.5	0.0		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	25.73	25.69	25.57	27.5	0.0		

n48_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Time-up (min)	MFR (dB)		
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1	18.26	18.21	18.24				
40	PI2 BPSK	1	63	18.13	18.19	18.19	20.0	0.0		
40	PI2 BPSK	1	104	18.22	18.20	18.18				
40	PI2 BPSK	50	0	18.24	18.14	18.11	20.0	0.0		
40	PI2 BPSK	50	39	18.25	18.21	18.21	20.0	0.0		
40	PI2 BPSK	50	56	18.19	18.13	18.11	20.0	0.0		
40	PI2 BPSK	100	0	18.21	18.19	18.20				
40	QPSK	1	1	18.12	18.00	18.04				
40	QPSK	1	63	18.19	18.17	18.15	20.0	0.0		
40	QPSK	1	104	18.23	18.20	18.14				
40	QPSK	50	0	18.23	18.20	18.20				
40	QPSK	50	39	18.20	18.13	18.20	20.0	0.0		
40	QPSK	50	56	18.25	18.22	18.18				
40	QPSK	100	0	18.13	18.11	18.03	20.0	0.0		
40	HQAM	1	1	18.11	18.24	18.13	20.0	0.0		
40	HQAM	1	1	18.19	18.13	18.21	20.0	0.0		
40	HQAM	1	1	18.11	18.01	18.09	18.5	1.5		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	18.23	18.18	18.23	20.0	0.0		
Channel										
Frequency (MHz)										
10	PI2 BPSK	1	1	18.22	18.21	18.20	20.0	0.0		

n48_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Power Level Ch./F/Freq.	Time-up (min)	MFR (dB)		
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1	24.56	24.55	24.45				
40	PI2 BPSK	1	63	24.45	24.28	24.27	20.0	0.0		
40	PI2 BPSK	1	104	24.55	24.43	24.32				
40	PI2 BPSK	50	0	24.43	24.24	24.20	20.0	0.0		
40	PI2 BPSK	50	39	24.48	24.43	24.31	20.0	0.0		
40	PI2 BPSK	50	56	24.43	24.30	24.22	25.5	0.5		
40	PI2 BPSK	100	0	24.41	24.29	24.29				
40	QPSK	1	1	24.54	24.28	24.41				
40	QPSK	1	63	24.53	24.31	24.34	20.0	0.0		
40	QPSK	1	104	24.54	24.52	24.28				
40	QPSK	50	0	24.44	24.28	23.80				
40	QPSK	50	39	24.43	24.25	24.27	20.0	0.0		
40	QPSK	50	56	23.92	23.72	23.61				
40	QPSK	100	0	23.83	23.78	23.75	20.0	1.0		
40	HQAM	1	1	24.07	24.01	24.05	20.0	1.0		
40	HQAM	1	1	23.52	23.48	23.50	23.5	2.5		
40	HQAM	1	1	20.47	20.35	20.20	21.0	4.5		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	24.51	24.44	24.20	20.0	0.0		
Channel										
Frequency (MHz)										
10	PI2 BPSK	1	1	24.45	24.34	24.20	20.0	0.0		



Part270_n78_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	24.85			20.0	0.0	
100	PI2-BPSK	1	137	24.79					
100	PI2-BPSK	1	271	24.60					
100	PI2-BPSK	155	0	24.80			20.0	0.0	
100	PI2-BPSK	155	69	24.65					
100	PI2-BPSK	155	138	24.47			20.0	0.0	
100	PI2-BPSK	200	0	24.81					
100	QPSK	1	1	24.81			20.0	0.0	
100	QPSK	1	137	24.75					
100	QPSK	1	271	24.60					
100	QPSK	155	0	24.67			20.0	0.0	
100	QPSK	155	69	24.57					
100	QPSK	155	138	24.41			20.0	0.0	
100	QPSK	270	0	24.68					
100	HQAM	1	1	24.71			20.0	0.0	
100	HQAM	1	1	24.67			20.0	1.0	
100	256QAM	1	1	21.89			23.0	3.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	24.77	24.76	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
80	PI2-BPSK	1	1	24.74	24.73	24.81	20.0	0.0	
Channel									
Frequency (MHz)									
70	PI2-BPSK	1	1	24.79	24.73	24.80	20.0	0.0	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	24.80	24.77	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	24.80	24.81	24.85	20.0	0.0	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	24.84	24.78	24.82	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	24.83	24.75	24.78	20.0	0.0	
Channel									
Frequency (MHz)									
20	PI2-BPSK	1	1	24.84	24.80	24.72	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	24.81	24.68	24.84	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	24.85	24.81	24.76	20.0	0.0	

Part270_n78(HPUe)_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Time-up (ms)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2-BPSK	1	1	26.43			27.5	0.0	
100	PI2-BPSK	1	137	26.36					
100	PI2-BPSK	1	271	26.14					
100	PI2-BPSK	155	0	26.40			27.5	0.0	
100	PI2-BPSK	155	69	26.25					
100	PI2-BPSK	155	138	26.08			27.5	0.0	
100	PI2-BPSK	200	0	26.42					
100	QPSK	1	1	26.42			27.5	0.0	
100	QPSK	1	137	26.38					
100	QPSK	1	271	26.15					
100	QPSK	155	0	26.34			27.5	0.0	
100	QPSK	155	69	26.18					
100	QPSK	155	138	26.02			27.5	0.0	
100	QPSK	270	0	26.10					
100	HQAM	1	1	26.27			26.5	1.0	
100	HQAM	1	1	24.98			25.0	2.5	
100	256QAM	1	1	21.80			23.0	4.5	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	26.38	26.38	26.38	27.5	0.0	
Channel									
Frequency (MHz)									
80	PI2-BPSK	1	1	26.38	26.34	26.28	27.5	0.0	
Channel									
Frequency (MHz)									
70	PI2-BPSK	1	1	26.34	26.30	26.25	27.5	0.0	
Channel									
Frequency (MHz)									
60	PI2-BPSK	1	1	26.36	26.32	26.27	27.5	0.0	
Channel									
Frequency (MHz)									
50	PI2-BPSK	1	1	26.37	26.34	26.29	27.5	0.0	
Channel									
Frequency (MHz)									
40	PI2-BPSK	1	1	26.33	26.29	26.26	27.5	0.0	
Channel									
Frequency (MHz)									
30	PI2-BPSK	1	1	26.29	26.27	26.24	27.5	0.0	
Channel									
Frequency (MHz)									
20	PI2-BPSK	1	1	26.28	26.21	26.40	27.5	0.0	
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	26.33	26.37	26.43	27.5	0.0	
Channel									
Frequency (MHz)									
10	PI2-BPSK	1	1	26.40	26.33	26.28	27.5	0.0	



5GNR Power for State 12

n2_Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	FR2 BPSK	1	1	1871.4	1890	1902.6	23.5	0.0		
20	FR2 BPSK	1	53	21.65	21.85	21.77	23.5	0.0		
20	FR2 BPSK	1	104	22.02	21.90	21.78	23.5	0.0		
20	FR2 BPSK	50	5	21.91	21.78	21.71	23.5	0.0		
20	FR2 BPSK	50	28	21.98	21.77	21.77	23.5	0.0		
20	FR2 BPSK	50	56	21.85	21.84	21.72	23.5	0.0		
20	FR2 BPSK	100	0	21.91	21.84	21.88	23.5	0.0		
20	QPSK	1	1	21.89	21.77	21.78	23.5	0.0		
20	QPSK	1	53	21.97	21.86	21.76	23.5	0.0		
20	QPSK	1	104	21.97	21.77	21.76	23.5	0.0		
20	QPSK	50	5	21.70	21.86	21.84	23.5	0.0		
20	QPSK	50	28	21.70	21.84	21.72	23.5	0.0		
20	QPSK	50	56	21.84	22.07	21.75	23.5	0.0		
20	QPSK	100	0	21.86	21.93	21.72	23.5	0.0		
20	BQAM	1	1	22.03	22.02	21.81	23.5	0.0		
20	BQAM	1	1	21.83	21.87	21.58	23.5	0.0		
20	ZSFDAM	1	1	20.72	20.78	20.80	21.5	3.5		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	1871.4	1890	1902.6	23.5	0.0		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	22.07	22.06	21.86	23.5	0.0		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	22.04	22.00	21.59	23.5	0.0		
Channel										
Frequency (MHz)										
5	FR2 BPSK	1	1	22.03	22.00	21.68	23.5	0.0		

n2_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	FR2 BPSK	1	1	24.26	24.52	24.37	26.0	0.0		
20	FR2 BPSK	1	53	24.24	24.46	24.16	26.0	0.0		
20	FR2 BPSK	1	104	24.26	24.38	24.08	26.0	0.0		
20	FR2 BPSK	50	5	24.10	24.44	24.20	25.5	0.5		
20	FR2 BPSK	50	28	24.17	24.40	24.21	25.0	0.0		
20	FR2 BPSK	50	56	24.23	24.43	24.05	25.5	0.5		
20	FR2 BPSK	100	0	24.10	24.07	24.20	26.0	0.0		
20	QPSK	1	1	24.20	24.49	24.41	26.0	0.0		
20	QPSK	1	53	24.21	24.41	24.14	26.0	0.0		
20	QPSK	1	104	24.45	24.43	24.13	26.0	0.0		
20	QPSK	50	5	24.21	24.42	24.24	25.0	1.0		
20	QPSK	50	28	24.15	24.40	24.00	25.0	1.0		
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0		
20	QPSK	100	0	24.10	24.47	24.20	25.0	1.0		
20	BQAM	1	1	24.40	24.47	24.40	25.0	1.0		
20	BQAM	1	1	22.02	22.07	22.09	23.5	2.5		
20	ZSFDAM	1	1	20.74	20.80	20.84	21.5	4.5		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	24.26	24.43	24.29	25.0	0.0		
Channel										
Frequency (MHz)										
10	FR2 BPSK	1	1	24.20	24.40	24.10	26.0	0.0		
Channel										
Frequency (MHz)										
5	FR2 BPSK	1	1	24.26	24.40	24.25	26.0	0.0		

n5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	FR2 BPSK	1	1	331.13	332.00	332.87	25.0	0.0		
20	FR2 BPSK	1	53	33.22	33.38	33.29	25.0	0.0		
20	FR2 BPSK	1	104	33.28	33.42	33.08	25.0	0.0		
20	FR2 BPSK	50	5	33.05	33.32	33.02	25.0	0.0		
20	FR2 BPSK	50	28	33.10	33.40	33.21	25.0	0.0		
20	FR2 BPSK	50	56	33.36	33.20	33.05	25.0	0.0		
20	FR2 BPSK	100	0	33.03	33.41	33.22	25.0	0.0		
20	QPSK	1	1	33.45	33.40	33.42	26.0	0.0		
20	QPSK	1	53	33.38	33.29	33.19	26.0	0.0		
20	QPSK	1	104	33.27	33.30	33.27	26.0	0.0		
20	QPSK	50	5	33.28	33.45	33.38	26.0	0.0		
20	QPSK	50	28	33.43	33.13	33.19	25.0	0.0		
20	QPSK	50	56	33.13	33.32	33.06	25.0	0.0		
20	QPSK	100	0	33.28	33.25	33.18	25.0	0.0		
20	BQAM	1	1	33.40	33.41	33.05	25.0	1.5		
20	BQAM	1	1	22.02	22.07	22.09	23.5	1.5		
20	ZSFDAM	1	1	20.80	20.82	20.72	21.5	3.5		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	331.5	331.5	331.5	25.0	0.0		
Channel										
Frequency (MHz)										
10	FR2 BPSK	1	1	332.0	332.0	332.0	25.0	0.0		
Channel										
Frequency (MHz)										
5	FR2 BPSK	1	1	331.5	331.5	331.5	25.0	0.0		

n5_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dB)	MPR (dB)		
Channel										
Frequency (MHz)										
20	FR2 BPSK	1	1	341.5	342.5	343.5	26.0	0.0		
20	FR2 BPSK	1	53	34.25	34.22	34.19	26.0	0.0		
20	FR2 BPSK	1	104	34.13	34.25	34.13	26.0	0.0		
20	FR2 BPSK	50	5	34.23	34.18	34.18	25.5	0.5		
20	FR2 BPSK	50	28	34.10	34.32	34.21	26.0	0.0		
20	FR2 BPSK	50	56	34.23	34.19	34.16	26.0	0.5		
20	FR2 BPSK	100	0	34.36	34.28	34.20	25.5	0.5		
20	QPSK	1	1	34.40	34.46	34.40	26.0	0.0		
20	QPSK	1	53	34.34	34.37	34.21	26.0	0.0		
20	QPSK	1	104	34.21	34.23	34.20	26.0	0.0		
20	QPSK	50	5	34.41	34.36	34.34	25.0	1.0		
20	QPSK	50	28	34.32	34.38	34.26	25.0	0.5		
20	QPSK	50	56	34.36	34.20	34.18	25.0	1.0		
20	QPSK	100	0	34.38	34.29	34.20	25.0	1.0		
20	BQAM	1	1	34.00	34.47	34.45	25.0	1.0		
20	BQAM	1	1	22.05	22.08	22.02	23.5	2.5		
20	ZSFDAM	1	1	20.80	20.84	20.74	21.5	4.5		
Channel										
Frequency (MHz)										
15	FR2 BPSK	1	1	341.5	342.5	343.5	26.0	0.0		
Channel										
Frequency (MHz)										
10	FR2 BPSK	1	1	342.0	342.0	342.0	26.0	0.0		
Channel										
Frequency (MHz)										
5	FR2 BPSK	1	1	341.4	342.0	341.0	25.0	0.0		



n7_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up freq. (dBm)	MPR (dB)			
Channel											
40	PB2 BPSK	1	1	19230	19230	19230					
40	PB2 BPSK	1	108	2020	2024	2023	21.5	0.0			
40	PB2 BPSK	1	214	1926	2020	1922	21.5	0.0			
40	PB2 BPSK	108	5	1926	1926	1922	21.5	0.0			
40	PB2 BPSK	108	54	2020	2020	2020	21.5	0.0			
40	PB2 BPSK	108	108	1926	1926	1926	21.5	0.0			
40	QPSK	216	5	1927	1923	1926	21.5	0.0			
40	QPSK	1	1	2024	1927	1923					
40	QPSK	1	108	2020	1926	1927					
40	QPSK	1	214	1927	2020	1926	21.5	0.0			
40	QPSK	108	5	1929	2026	2025	21.5	0.0			
40	QPSK	108	54	1929	1926	1923	21.5	0.0			
40	QPSK	108	108	2026	2026	2026	21.5	0.0			
40	QPSK	216	5	1929	1929	1929	21.5	0.0			
40	16QAM	1	1	1923	1926	1927	21.5	0.0			
40	16QAM	1	1	1923	1924	1926	21.5	0.0			
40	256QAM	1	1	1923	1926	1926	21.5	0.0			
Channel											
30	PB2 BPSK	1	1	2510	2510	2510					
30	PB2 BPSK	1	1	2510	2510	2510					
Channel											
26	PB2 BPSK	1	1	2512.5	2515	2517.5	21.5	0.0			
20	PB2 BPSK	1	1	2510	2510	2510					
Channel											
15	PB2 BPSK	1	1	2510	2510	2510	21.5	0.0			
Channel											
16	PB2 BPSK	1	1	2510.5	2510.5	2510.5	21.5	0.0			
Channel											
5	PB2 BPSK	1	1	2507	2500	2502	21.5	0.0			

n7_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up freq. (dBm)	MPR (dB)			
Channel											
40	PB2 BPSK	1	1	2125	2125	2125					
40	PB2 BPSK	1	108	2147	2126	2145	23.0	0.0			
40	PB2 BPSK	1	214	2127	2124	2127	23.0	0.0			
40	PB2 BPSK	108	5	2143	2126	2132	23.0	0.0			
40	PB2 BPSK	108	54	2127	2126	2127	23.0	0.0			
40	PB2 BPSK	108	108	2126	2124	2127	23.0	0.0			
40	QPSK	216	5	2144	2127	2146	23.0	0.0			
40	QPSK	1	1	2142	2147	2148					
40	QPSK	1	108	2128	2124	2123					
40	QPSK	1	214	2123	2125	2149	23.0	0.0			
40	QPSK	108	5	2150	2124	2147	23.0	0.0			
40	QPSK	108	54	2126	2127	2126	23.0	0.0			
40	QPSK	108	108	2126	2126	2148	23.0	0.0			
40	QPSK	216	5	2127	2149	2126	23.0	0.0			
40	16QAM	1	1	2128	2126	2121	23.0	0.0			
40	16QAM	1	1	2127	2126	2125	23.0	0.0			
40	256QAM	1	1	2020	2027	2028	21.5	1.5			
Channel											
30	PB2 BPSK	1	1	2512	2509	2511	23.0	0.0			
30	PB2 BPSK	1	1	2512.5	2510	2511	23.0	0.0			
30	PB2 BPSK	1	1	2513.5	2510	2513	23.0	0.0			
30	PB2 BPSK	1	1	2510	2510	2510	23.0	0.0			
20	PB2 BPSK	1	1	2512	2511	2510	23.0	0.0			
20	PB2 BPSK	1	1	2512.5	2511	2510	23.0	0.0			
15	PB2 BPSK	1	1	2512	2509	2510	23.0	0.0			
15	PB2 BPSK	1	1	2512.5	2509	2510	23.0	0.0			
10	PB2 BPSK	1	1	2512	2510	2510	23.0	0.0			
5	PB2 BPSK	1	1	2512	2510	2510	23.0	0.0			

n12_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up freq. (dBm)	MPR (dB)			
Channel											
10	PB2 BPSK	1	1	2410	2410	2410					
10	PB2 BPSK	1	40	2421	2410	2414	26.0	0.0			
10	PB2 BPSK	1	77	2427	2420	2420	25.5	0.5			
10	PB2 BPSK	36	5	2427	2427	2427	26.0	0.0			
10	PB2 BPSK	36	22	2414	2410	2420	26.0	0.0			
10	PB2 BPSK	36	40	2422	2427	2420	26.0	0.0			
10	PB2 BPSK	75	5	2427	2420	2420	26.0	0.0			
10	QPSK	1	1	2429	2428	2420					
10	QPSK	1	40	2420	2428	2424	26.0	0.0			
10	QPSK	1	77	2420	2420	2424	26.0	0.0			
10	QPSK	36	5	2429	2420	2420	26.0	1.0			
10	QPSK	36	22	2427	2421	2420	26.0	1.0			
10	QPSK	36	43	2420	2421	2420	26.0	1.0			
10	QPSK	75	5	2422	2425	2420	26.0	1.0			
10	16QAM	1	1	2424	2420	2424	26.0	1.0			
10	16QAM	1	1	2422	2420	2423	26.0	2.5			
10	256QAM	1	1	2420	2424	2420	21.5	4.5			
Channel											
10	PB2 BPSK	1	1	2414	2410	2411	26.0	0.0			
Channel											
5	PB2 BPSK	1	1	2423	2420	2423	26.0	0.0			

n12_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Media Ch. Freq.	Power High Ch. Freq.	Tune-up freq. (dBm)	MPR (dB)			
Channel											
16	PB2 BPSK	1	1	2810	2810	2810					
16	PB2 BPSK	1	40	2814	2810	2814	26.0	0.0			
16	PB2 BPSK	1	77	2827	2820	2820	25.5	0.5			
16	PB2 BPSK	36	5	2827	2827	2827	26.0	0.0			
16	PB2 BPSK	36	22	2814	2810	2820	26.0	0.0			
16	PB2 BPSK	36	40	2822	2827	2820	26.0	0.0			
16	PB2 BPSK	75	5	2827	2820	2820	26.0	0.0			
16	QPSK	1	1	2829	2828	2820					
16	QPSK	1	40	2820	2828	2824	26.0	0.0			
16	QPSK	1	77	2820	2820	2824	26.0	0.0			
16	QPSK	36	5	2829	2820	2820	26.0	1.0			
16	QPSK	36	22	2827	2821	2820	26.0	1.0			
16	QPSK	36	43	2820	2821	2820	26.0	1.0			
16	QPSK	75	5	2822	2825	2820	26.0	1.0			
16	16QAM	1	1	2824	2820	2824	26.0	1.0			
16	16QAM	1	1	2822	2820	2823	26.0	2.5			
16	256QAM	1	1	2820	2824	2820	21.5	4.5			
Channel											
10	PB2 BPSK	1	1	2814	2810	2811	26.0	0.0			
Channel											
8	PB2 BPSK	1	1	2823	2820	2823	26.0	0.0			



n13_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 (dB)	MPE (dB)
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	24.11				
10	PI2BPSK	1	36	24.13			25.5	0.0
10	PI2BPSK	1	50	24.16				
10	PI2BPSK	25	5	24.15			25.5	0.0
10	PI2BPSK	25	14	24.18			25.5	0.0
10	PI2BPSK	25	27	24.12			25.5	0.0
10	PI2BPSK	50	5	24.16			25.5	0.0
10	QPSK	1	1	24.20				
10	QPSK	1	36	24.11			25.5	0.0
10	QPSK	1	50	24.16				
10	QPSK	25	5	24.14			25.0	0.5
10	QPSK	25	14	24.20			25.5	0.0
10	QPSK	25	27	24.14			25.0	0.5
10	QPSK	50	5	24.17			25.0	0.0
10	QPSK	50	14	24.21			25.0	1.0
10	QPSK	50	27	24.18			25.0	1.0
10	QPSK	50	5	24.19			25.0	1.0
10	16QAM	1	1	24.23			25.0	1.0
10	16QAM	1	1	24.23			25.0	1.0
10	16QAM	1	1	24.23			25.0	1.0
10	256QAM	1	1	24.23			25.0	1.0
Channel								
Frequency (MHz)								
5	PI2BPSK	1	1	24.15	24.11	24.31	25.5	0.0

n13_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Middle Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	24.20				
10	PI2BPSK	1	36	24.46			26.0	0.0
10	PI2BPSK	1	50	24.50				
10	PI2BPSK	25	5	24.42			25.5	0.5
10	PI2BPSK	25	14	24.50			26.0	0.0
10	PI2BPSK	25	27	24.43			25.5	0.5
10	PI2BPSK	50	5	24.42			25.5	0.5
10	QPSK	1	1	24.28				
10	QPSK	1	36	24.48			26.0	0.0
10	QPSK	1	50	24.47				
10	QPSK	25	5	24.51			25.0	1.0
10	QPSK	25	14	24.41			25.0	0.5
10	QPSK	25	27	24.56			25.0	1.0
10	QPSK	50	5	24.59			25.0	1.0
10	16QAM	1	1	24.58			25.0	1.0
10	16QAM	1	1	24.58			25.0	1.0
10	256QAM	1	1	24.58			25.0	1.0
Channel								
Frequency (MHz)								
5	PI2BPSK	1	1	24.42	24.46	24.55	25.0	0.0

n25_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 (dB)	MPE (dB)
Channel								
Frequency (MHz)								
20	PI2BPSK	1	1	22.73	22.78	22.83		
20	PI2BPSK	1	53	22.82	22.78	22.81	23.5	0.0
20	PI2BPSK	1	104	22.88	22.81	22.85		
20	PI2BPSK	50	5	22.85	22.81	22.87	23.5	0.0
20	PI2BPSK	50	24	22.89	22.81	22.81	23.5	0.0
20	PI2BPSK	50	56	22.87	22.81	22.84	23.5	0.0
20	PI2BPSK	100	5	22.86	22.81	22.87	23.5	0.0
20	QPSK	1	1	22.85	22.83	22.81		
20	QPSK	1	53	22.83	22.83	22.87	23.5	0.0
20	QPSK	1	104	22.84	22.81	22.87		
20	QPSK	50	5	22.84	22.81	22.87	23.5	0.0
20	QPSK	50	24	22.88	22.87	22.87	23.5	0.0
20	QPSK	50	56	22.88	22.81	22.88	23.1	0.0
20	QPSK	100	5	22.86	22.84	22.83	23.5	0.0
20	16QAM	1	1	22.82	22.81	22.87	23.5	0.0
20	16QAM	1	1	22.82	22.87	22.86	23.5	0.0
20	256QAM	1	1	22.84	22.85	22.86	23.5	0.0
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	22.81	22.81	22.81	23.5	0.0
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	22.80	22.80	22.80	23.5	0.0
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	22.80	22.80	22.80	23.5	0.0
Channel								
Frequency (MHz)								
5	PI2BPSK	1	1	22.83	22.78	22.87	23.5	0.0

n25_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Middle Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up (dB)	MPE (dB)
Channel								
Frequency (MHz)								
20	PI2BPSK	1	1	24.53	24.56	24.58		
20	PI2BPSK	1	53	24.53	24.56	24.58	26.0	0.0
20	PI2BPSK	1	104	24.60	24.56	24.60		
20	PI2BPSK	50	5	24.58	24.56	24.67	25.5	0.5
20	PI2BPSK	50	24	24.56	24.41	24.51	26.0	0.0
20	PI2BPSK	50	56	24.67	24.47	24.41	25.5	0.5
20	PI2BPSK	100	5	24.52	24.51	24.51	25.5	0.5
20	QPSK	1	1	24.47	24.56	24.29		
20	QPSK	1	53	24.56	24.53	24.47	26.0	0.0
20	QPSK	1	104	24.46	24.29	24.29		
20	QPSK	50	5	24.54	24.42	24.22	25.0	1.0
20	QPSK	50	24	24.51	24.28	24.28	25.0	1.0
20	QPSK	50	56	24.70	24.28	24.12	25.0	1.0
20	QPSK	100	5	24.52	24.33	24.34	25.0	1.0
20	16QAM	1	1	24.50	24.52	24.51	25.0	1.0
20	16QAM	1	1	24.47	24.25	24.25	25.0	1.0
20	256QAM	1	1	24.48	24.52	24.51	25.0	1.0
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	24.56	24.56	24.56	25.0	0.0
Channel								
Frequency (MHz)								
10	PI2BPSK	1	1	24.50	24.43	24.51	25.0	0.0
Channel								
Frequency (MHz)								
5	PI2BPSK	1	1	24.58	24.41	24.21	25.0	0.0



n71_Ant 0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up level (dBm)	APRS (dB)
Channel								
Frequency (MHz)								
20	PI2-BPSK	1	1	24.52	24.52	24.52	26.0	0.0
30	PI2-BPSK	1	53	24.52	24.68	24.82	26.0	0.0
20	PI2-BPSK	1	104	24.54	24.72	24.82	26.0	0.0
20	PI2-BPSK	50	0	24.52	24.64	24.71	25.5	0.5
20	PI2-BPSK	50	28	24.57	24.65	24.73	26.0	0.0
20	PI2-BPSK	50	56	24.59	24.74	24.86	25.5	0.5
20	PI2-BPSK	100	0	24.51	24.62	24.70	25.5	0.5
20	QPSK	1	1	24.52	24.52	24.52	26.0	0.0
20	QPSK	1	53	24.52	24.68	24.82	26.0	0.0
20	QPSK	1	104	24.52	24.72	24.82	26.0	0.0
20	QPSK	50	0	24.52	24.55	24.60	25.0	1.0
20	QPSK	50	28	24.52	24.64	24.71	25.0	1.0
20	QPSK	50	56	24.52	24.74	24.87	25.0	1.0
20	QPSK	100	0	24.52	24.67	24.79	25.0	1.0
20	16QAM	1	1	24.52	24.52	24.54	25.0	1.0
20	16QAM	1	1	24.71	24.71	24.76	25.5	2.5
20	256QAM	1	1	24.40	24.40	24.42	25.5	4.5
Channel								
Frequency (MHz)								
15	PI2-BPSK	1	1	24.52	24.52	24.52	26.0	0.0
Channel								
Frequency (MHz)								
10	PI2-BPSK	1	1	24.47	24.47	24.44	25.0	0.0
Channel								
Frequency (MHz)								
5	PI2-BPSK	1	1	24.42	24.42	24.42	25.0	0.0

n71_Ant 2								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Tune-up level (dBm)	APRS (dB)
Channel								
Frequency (MHz)								
20	PI2-BPSK	1	1	24.52	24.52	24.52	26.0	0.0
20	PI2-BPSK	1	53	24.52	24.68	24.82	26.0	0.0
20	PI2-BPSK	1	104	24.54	24.72	24.82	26.0	0.0
20	PI2-BPSK	50	0	24.52	24.64	24.71	25.5	0.5
20	PI2-BPSK	50	28	24.57	24.65	24.73	26.0	0.0
20	PI2-BPSK	50	56	24.59	24.74	24.86	25.5	0.5
20	PI2-BPSK	100	0	24.51	24.62	24.70	25.5	0.5
20	QPSK	1	1	24.52	24.52	24.52	26.0	0.0
20	QPSK	1	53	24.52	24.68	24.82	26.0	0.0
20	QPSK	1	104	24.52	24.72	24.82	26.0	0.0
20	QPSK	50	0	24.52	24.55	24.60	25.0	1.0
20	QPSK	50	28	24.52	24.64	24.71	25.0	1.0
20	QPSK	50	56	24.52	24.74	24.87	25.0	1.0
20	QPSK	100	0	24.52	24.67	24.79	25.0	1.0
20	16QAM	1	1	24.52	24.52	24.54	25.0	1.0
20	16QAM	1	1	24.71	24.71	24.76	25.5	2.5
20	256QAM	1	1	24.40	24.40	24.42	25.5	4.5
Channel								
Frequency (MHz)								
15	PI2-BPSK	1	1	24.52	24.52	24.52	26.0	0.0
Channel								
Frequency (MHz)								
10	PI2-BPSK	1	1	24.47	24.47	24.44	25.0	0.0
Channel								
Frequency (MHz)								
5	PI2-BPSK	1	1	24.42	24.42	24.42	25.0	0.0



n38_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Time-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	20.12	20.25	20.12	21.5	0.0	
40	P12 BPSK	1	53	20.18	20.23	20.15			
40	P12 BPSK	1	104	19.91	20.03	20.02			
40	P12 BPSK	50	5	20.14	20.16	20.09	21.5	0.0	
40	P12 BPSK	50	58	19.89	20.14	20.08			
40	P12 BPSK	100	0	20.09	20.20	20.04	21.5	0.0	
40	QPSK	1	1	20.15	20.18	20.15			
40	QPSK	1	53	20.12	20.13	20.14	21.5	0.0	
40	QPSK	1	104	20.20	20.07	19.90			
40	QPSK	50	0	20.18	20.16	20.18			
40	QPSK	50	28	20.08	20.13	20.12	21.5	0.0	
40	QPSK	50	58	20.09	20.17	20.18			
40	QPSK	100	0	20.07	20.16	20.08	21.5	0.0	
40	QPSK	1	1	20.16	20.20	20.15	21.5	0.0	
40	SSB-GM	1	1	20.24	20.15	20.21	21.5	0.0	
40	SSB-GM	1	1	20.22	20.12	20.08	21.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	20.16	20.20	20.17	21.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	20.21	20.16	20.20	21.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	20.13	20.08	20.22	21.5	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	20.13	20.12	20.16	21.5	0.0	

n38_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Time-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	20.12	20.25	20.15	21.5	0.0	
40	P12 BPSK	1	53	20.18	20.23	20.15			
40	P12 BPSK	1	104	19.91	20.03	20.02			
40	P12 BPSK	50	5	20.14	20.16	20.09	21.5	0.0	
40	P12 BPSK	50	58	19.89	20.14	20.08			
40	P12 BPSK	100	0	20.09	20.20	20.04	21.5	0.0	
40	QPSK	1	1	20.15	20.18	20.15			
40	QPSK	1	53	20.12	20.13	20.14	21.5	0.0	
40	QPSK	1	104	20.20	20.07	19.90			
40	QPSK	50	0	20.18	20.16	20.18			
40	QPSK	50	28	20.08	20.13	20.12	21.5	0.0	
40	QPSK	50	58	20.09	20.17	20.18			
40	QPSK	100	0	20.07	20.16	20.08	21.5	0.0	
40	SSB-GM	1	1	20.16	20.20	20.15	21.5	0.0	
40	SSB-GM	1	1	20.24	20.15	20.21	21.5	0.0	
40	SSB-GM	1	1	20.22	20.12	20.08	21.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	20.16	20.20	20.17	21.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	20.21	20.16	20.20	21.5	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	20.13	20.08	20.22	21.5	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	20.13	20.12	20.16	21.5	0.0	

n41_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Time-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.42	24.43	24.43	26.0	0.0	
100	P12 BPSK	1	537	24.38	24.41	24.43			
100	P12 BPSK	1	271	24.46	24.42	24.41			
100	P12 BPSK	150	0	24.49	24.48	24.49	26.0	0.0	
100	P12 BPSK	150	60	24.42	24.39	24.41			
100	P12 BPSK	150	138	24.15	24.40	24.42	26.0	0.0	
100	P12 BPSK	210	0	24.39	24.40	24.41			
100	QPSK	1	1	24.13	24.40	24.40			
100	QPSK	1	137	24.41	24.42	24.40	26.0	0.0	
100	QPSK	1	271	24.38	24.41	24.43			
100	QPSK	150	0	24.40	24.42	24.42			
100	QPSK	150	60	24.38	24.40	24.41	26.0	0.0	
100	QPSK	150	138	24.39	24.40	24.40			
100	QPSK	210	0	24.42	24.40	24.44	26.0	0.0	
100	SSB-GM	1	1	24.33	24.40	24.41	26.0	0.0	
100	SSB-GM	1	1	24.60	24.39	24.35	26.0	1.0	
100	SSB-GM	1	1	24.45	24.42	24.44	23.0	3.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.18	24.40	24.15	26.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.18	24.40	24.19	26.0	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	24.19	24.40	24.19	26.0	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	24.24	24.40	24.24	26.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.43	24.42	24.43	26.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.23	24.29	24.29	26.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	24.35	24.24	24.35	26.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.38	24.37	24.38	26.0	0.0	

n41(HPUe)_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Power Line Ch. F/Freq.	Time-up (ms)	MPE (dB)	MPE (dB)
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	24.40	24.42	24.42	27.5	0.0	
100	P12 BPSK	1	137	24.44	24.43	24.43			
100	P12 BPSK	1	271	24.37	24.40	24.43			
100	P12 BPSK	150	0	24.39	24.40	24.41	27.5	0.0	
100	P12 BPSK	150	60	24.39	24.39	24.41			
100	P12 BPSK	150	138	24.13	24.40	24.40	27.0	0.5	
100	QPSK	1	1	24.32	24.40	24.40			
100	QPSK	1	137	24.40	24.40	24.40	27.5	0.0	
100	QPSK	1	271	24.37	24.40	24.43			
100	QPSK	150	0	24.40	24.40	24.40			
100	QPSK	150	60	24.38	24.40	24.41	27.5	0.0	
100	QPSK	150	138	24.37	24.40	24.41			
100	QPSK	210	0	24.38	24.40	24.44	26.0	1.0	
100	SSB-GM	1	1	24.40	24.40	24.37	26.0	1.0	
100	SSB-GM	1	1	24.43	24.37	24.40	26.0	4.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.30	24.44	24.38	27.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.35	24.47	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	24.33	24.47	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
60	P12 BPSK	1	1	24.34	24.44	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	24.32	24.43	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	24.32	24.43	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	24.32	24.43	24.43	27.5	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	24.33	24.43	24.43	27.5	0.0	



n48_Ant 9										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F/Freq	Power High Ch. F/Freq	Power Max Ch. F/Freq	Time-up (min)	MPE (dB)	IMPE (dB)	
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	17.02	17.02	17.02				
40	P12 BPSK	1	53	16.78	16.90	17.02	18.5	0.0		
40	P12 BPSK	1	104	16.80	17.01	17.04				
40	P12 BPSK	50	9	16.90	16.90	17.02	18.5	0.0		
40	P12 BPSK	50	28	17.01	16.96	17.02	18.5	0.0		
40	P12 BPSK	50	56	16.79	16.88	16.92				
40	P12 BPSK	100	9	17.02	16.90	17.02	18.5	0.0		
40	QPSK	1	1	16.87	16.85	16.84				
40	QPSK	1	53	16.83	16.97	17.02	18.5	0.0		
40	QPSK	1	104	16.81	17.06	17.06				
40	QPSK	50	9	16.89	16.82	17.02	18.5	0.0		
40	QPSK	50	28	16.79	16.84	17.02	18.5	0.0		
40	QPSK	50	56	16.88	16.82	16.82				
40	QPSK	100	9	16.71	16.81	17.01	18.5	0.0		
40	SSGMM	1	1	16.86	17.03	17.04	18.5	0.0		
40	SSGMM	1	1	16.81	17.02	17.07	18.5	0.0		
40	SSGMM	1	1	16.80	16.82	16.87	18.5	0.0		
Channel										
Frequency (MHz)										
20	P12 BPSK	1	1	16.89	16.78	17.08	18.5	0.0		
Channel										
Frequency (MHz)										
16	P12 BPSK	1	1	16.83	16.81	17.05	18.5	0.0		

n48_Ant 10										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F/Freq	Power High Ch. F/Freq	Power Max Ch. F/Freq	Time-up (min)	MPE (dB)	IMPE (dB)	
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	22.42	22.52	22.53				
40	P12 BPSK	1	53	22.42	22.52	22.48	24.0	0.0		
40	P12 BPSK	1	104	22.42	22.51	22.57				
40	P12 BPSK	50	9	22.42	22.51	22.49	24.0	0.0		
40	P12 BPSK	50	28	22.42	22.51	22.51	24.0	0.0		
40	P12 BPSK	50	56	22.31	22.44	22.43				
40	P12 BPSK	100	9	22.42	22.47	22.42	24.0	0.0		
40	QPSK	1	1	22.50	22.50	22.51				
40	QPSK	1	53	22.61	22.58	22.51	24.0	0.0		
40	QPSK	1	104	22.51	22.48	22.52				
40	QPSK	50	9	22.42	22.59	22.47				
40	QPSK	50	28	22.53	22.49	22.48	24.0	0.0		
40	QPSK	50	56	22.31	22.48	22.34				
40	QPSK	100	9	22.42	22.44	22.58	24.0	0.0		
40	SSGMM	1	1	22.54	22.62	22.48	24.0	0.0		
40	SSGMM	1	1	22.58	22.55	22.25	23.5	0.5		
40	SSGMM	1	1	19.80	19.80	19.70	21.5	2.5		
Channel										
Frequency (MHz)										
20	P12 BPSK	1	1	22.58	22.54	22.55	24.0	0.0		
Channel										
Frequency (MHz)										
16	P12 BPSK	1	1	22.34	22.62	22.59	24.0	0.0		

Part270_n77_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F/Freq	Power High Ch. F/Freq	Power Max Ch. F/Freq	Time-up (min)	MPE (dB)	IMPE (dB)	
Channel										
Frequency (MHz)										
100	P12 BPSK	1	1	24.81	24.81	24.72				
100	P12 BPSK	1	537	24.92	24.81	24.72	24.0	0.0		
100	P12 BPSK	1	2111	24.78	24.83	24.73				
100	P12 BPSK	135	9	24.82	24.75	24.60	26.0	0.0		
100	P12 BPSK	145	89	24.68	24.63	24.71	26.0	0.0		
100	P12 BPSK	135	138	24.78	24.78	24.74	26.0	0.0		
100	P12 BPSK	210	9	24.83	24.82	24.74	26.0	0.0		
100	QPSK	1	1	24.89	24.81	24.89				
100	QPSK	1	137	24.92	24.79	24.72	26.0	0.0		
100	QPSK	1	2111	24.77	24.83	24.78				
100	QPSK	135	9	24.86	24.79	24.63	26.0	0.0		
100	QPSK	135	89	24.82	24.73	24.77	26.0	0.0		
100	QPSK	145	138	24.74	24.71	24.79	26.0	0.0		
100	QPSK	210	9	24.81	24.71	24.71	26.0	0.0		
100	SSGMM	1	1	24.78	24.67	24.72	26.0	0.0		
100	SSGMM	1	1	24.68	24.62	24.61	25.0	1.0		
100	SSGMM	1	1	21.56	21.67	21.79	23.0	3.0		
Channel										
Frequency (MHz)										
50	P12 BPSK	1	1	24.85	24.83	24.81	26.0	0.0		
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	24.79	24.63	24.63	26.0	0.0		
Channel										
Frequency (MHz)										
70	P12 BPSK	1	1	24.83	24.62	24.55	26.0	0.0		
Channel										
Frequency (MHz)										
60	P12 BPSK	1	1	24.82	24.62	24.63	26.0	0.0		
Channel										
Frequency (MHz)										
50	P12 BPSK	1	1	24.72	24.63	24.51	26.0	0.0		
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	24.73	24.62	24.54	26.0	0.0		
Channel										
Frequency (MHz)										
30	P12 BPSK	1	1	24.80	24.58	24.54	26.0	0.0		
Channel										
Frequency (MHz)										
20	P12 BPSK	1	1	24.78	24.48	24.45	26.0	0.0		
Channel										
Frequency (MHz)										
16	P12 BPSK	1	1	24.77	24.57	24.58	26.0	0.0		
Channel										
Frequency (MHz)										
10	P12 BPSK	1	1	24.83	24.62	24.62	26.0	0.0		

Part270_n77(HPUE)_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F/Freq	Power High Ch. F/Freq	Power Max Ch. F/Freq	Time-up (min)	MPE (dB)	IMPE (dB)	
Channel										
Frequency (MHz)										
100	P12 BPSK	1	1	25.05	25.02	25.01				
100	P12 BPSK	1	137	25.07	25.09	25.04	27.0	0.0		
100	P12 BPSK	1	2111	25.16	25.05	25.19				
100	P12 BPSK	135	9	25.18	25.04	25.15	27.0	0.0		
100	P12 BPSK	135	89	25.02	25.09	25.11	27.0	0.0		
100	P12 BPSK	135	138	25.12	25.18	25.19	27.0	0.0		
100	P12 BPSK	210	9	25.01	25.04	25.11	27.0	0.0		
100	QPSK	1	1	25.09	25.09	25.01				
100	QPSK	1	137	25.03	25.09	25.04	27.0	0.0		
100	QPSK	1	2111	25.12	25.01	25.23				
100	QPSK	135	9	25.13	25.12	25.47	27.0	0.0		
100	QPSK	135	89	25.13	25.17	25.15	27.0	0.0		
100	QPSK	135	138	25.42	25.32	25.41				
100	QPSK	210	9	25.25	25.25	25.19	26.5	0.5		
100	SSGMM	1	1	25.13	25.09	25.60	26.5	0.5		
100	SSGMM	1	1	25.14	24.92	24.98	25.0	2.0		
100	SSGMM	1	1	21.08	21.06	21.20	23.0	4.0		
Channel										
Frequency (MHz)										
90	P12 BPSK	1	1	25.83	25.83	25.80	27.0	0.0		
Channel										
Frequency (MHz)										
80	P12 BPSK	1	1	25.82	25.81	25.82	27.0	0.0		
Channel										
Frequency (MHz)										
70	P12 BPSK	1	1	25.88	25.80	25.77	27.0	0.0		
Channel										
Frequency (MHz)										
60	P12 BPSK	1	1	25.78	25.78	25.78	27.0	0.0		
Channel										
Frequency (MHz)										
50	P12 BPSK	1	1	25.71	25.72	25.73	27.0	0.0		
Channel										
Frequency (MHz)										
40	P12 BPSK	1	1	25.93	25.89	25.73	27.0	0.0		
Channel										
Frequency (MHz)										
30	P12 BPSK	1	1	25.75	25.80	25.80	27.0	0.0		
Channel										
Frequency (MHz)										
20	P12 BPSK	1	1	25.71	25.81	25.77	27.0	0.0		
Channel										
Frequency (MHz)										
16	P12 BPSK	1	1	25.77	25.80	25.78	27.0	0.0		
Channel										
Frequency (MHz)										
10	P12 BPSK	1	1	25.65	25.76	25.63	27.0	0.0		



Part270_n78_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. / Freq.	Power Min Ch. / Freq.	Power Max Ch. / Freq.	Time-up (min)	MR (dB)	MR (dB)
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	22.83	22.83	22.83	24.0	0.0	
100	P12 BPSK	1	137	22.87	22.87	22.87	24.0	0.0	
100	P12 BPSK	1	271	22.83	22.83	22.83	24.0	0.0	
100	P12 BPSK	155	0	22.86	22.86	22.86	24.0	0.0	
100	P12 BPSK	155	85	22.85	22.85	22.85	24.0	0.0	
100	P12 BPSK	155	138	22.81	22.81	22.81	24.0	0.0	
100	P12 BPSK	210	0	22.86	22.86	22.86	24.0	0.0	
100	QPSK	1	1	22.75	22.75	22.75	24.0	0.0	
100	QPSK	1	137	22.84	22.84	22.84	24.0	0.0	
100	QPSK	1	271	22.78	22.78	22.78	24.0	0.0	
100	QPSK	155	0	22.82	22.82	22.82	24.0	0.0	
100	QPSK	155	85	22.84	22.84	22.84	24.0	0.0	
100	QPSK	155	138	22.87	22.87	22.87	24.0	0.0	
100	QPSK	210	0	22.82	22.82	22.82	24.0	0.0	
100	HQAM	1	1	22.84	22.84	22.84	24.0	0.0	
100	HQAM	1	1	22.87	22.87	22.87	24.0	0.0	
100	HQAM	1	1	21.89	21.89	21.89	23.0	1.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	22.77	22.84	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	22.86	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	22.84	22.85	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	22.82	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	22.74	22.84	22.78	24.0	0.0	

Part270_n78(HPUE)_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Level Ch. / Freq.	Power Min Ch. / Freq.	Power Max Ch. / Freq.	Time-up (min)	MR (dB)	MR (dB)
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	22.83	22.83	22.83	24.0	0.0	
100	P12 BPSK	1	137	22.87	22.87	22.87	24.0	0.0	
100	P12 BPSK	1	271	22.83	22.83	22.83	24.0	0.0	
100	P12 BPSK	155	0	22.86	22.86	22.86	24.0	0.0	
100	P12 BPSK	155	85	22.85	22.85	22.85	24.0	0.0	
100	P12 BPSK	155	138	22.81	22.81	22.81	24.0	0.0	
100	P12 BPSK	210	0	22.86	22.86	22.86	24.0	0.0	
100	QPSK	1	1	22.75	22.75	22.75	24.0	0.0	
100	QPSK	1	137	22.84	22.84	22.84	24.0	0.0	
100	QPSK	1	271	22.78	22.78	22.78	24.0	0.0	
100	QPSK	155	0	22.82	22.82	22.82	24.0	0.0	
100	QPSK	155	85	22.84	22.84	22.84	24.0	0.0	
100	QPSK	155	138	22.87	22.87	22.87	24.0	0.0	
100	QPSK	210	0	22.82	22.82	22.82	24.0	0.0	
100	HQAM	1	1	22.84	22.84	22.84	24.0	0.0	
100	HQAM	1	1	22.87	22.87	22.87	24.0	0.0	
100	HQAM	1	1	21.89	21.89	21.89	23.0	1.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
70	P12 BPSK	1	1	22.77	22.84	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
80	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
50	P12 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	22.83	22.83	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	22.86	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	22.84	22.85	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	22.82	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	22.74	22.84	22.78	24.0	0.0	



n7_Ant 1									
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Time-up (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	22.03	22.10	22.17			
40	PI2 BPSK	1	108	22.03	22.09	21.94	23.5	0.0	
40	PI2 BPSK	1	214	22.04	22.06	21.99			
40	PI2 BPSK	108	0	21.98	22.04	21.95	23.5	0.0	
40	PI2 BPSK	108	54	22.05	22.10	21.98	23.5	0.0	
40	PI2 BPSK	108	108	22.05	22.09	21.99	23.5	0.0	
40	PI2 BPSK	216	0	22.04	22.08	22.07			
40	QPSK	1	1	21.93	22.02	22.11			
40	QPSK	1	108	22.05	22.12	22.03	23.5	0.0	
40	QPSK	1	214	22.03	22.05	22.03			
40	QPSK	108	0	21.99	22.10	21.99	23.5	0.0	
40	QPSK	108	54	22.01	21.99	21.95	23.5	0.0	
40	QPSK	108	108	21.98	22.08	21.97	23.5	0.0	
40	QPSK	216	0	21.99	22.05	21.98	23.5	0.0	
40	16QAM	1	1	21.84	22.12	22.10	23.5	0.0	
40	16QAM	1	1	22.12	22.07	22.08	23.5	0.0	
40	16QAM	1	1	22.08	22.14	22.03	23.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	22.10	22.05	22.08	23.5	0.0	
Channel									
Frequency (MHz)									
25	PI2 BPSK	1	1	22.03	22.10	22.07	23.5	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	22.08	22.06	22.05	23.5	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.04	21.98	21.92	23.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	22.05	21.97	22.11	23.5	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	22.09	21.99	22.09	23.5	0.0	

n7_Ant 2									
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Time-up (min)	MFR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.50	24.58	24.57			
40	PI2 BPSK	1	108	24.50	24.61	24.58	26.0	0.0	
40	PI2 BPSK	1	214	24.50	24.50	24.50			
40	PI2 BPSK	108	0	24.50	24.61	24.58	25.5	0.5	
40	PI2 BPSK	108	54	24.50	24.62	24.59	25.5	0.0	
40	PI2 BPSK	108	108	24.50	24.60	24.57	25.5	0.5	
40	PI2 BPSK	216	0	24.48	24.59	24.58			
40	QPSK	1	1	24.10	24.61	24.61			
40	QPSK	1	108	24.45	24.61	24.56	26.0	0.0	
40	QPSK	1	214	24.44	24.63	24.53			
40	QPSK	108	0	24.44	24.68	24.60	26.0	1.0	
40	QPSK	108	54	24.51	24.50	24.52	26.0	0.0	
40	QPSK	108	108	24.45	24.47	24.38	25.0	1.0	
40	QPSK	216	0	24.41	24.11	24.30	25.0	1.0	
40	16QAM	1	1	24.48	24.36	24.57	25.0	1.0	
40	16QAM	1	1	22.97	22.98	22.95	23.5	2.5	
40	16QAM	1	1	23.98	23.97	23.75	23.5	4.5	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.53	24.50	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
25	PI2 BPSK	1	1	24.47	24.59	24.50	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.50	24.64	24.57	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.48	24.61	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.43	24.58	24.52	26.0	0.0	

n12_Ant 0									
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Time-up (min)	MFR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.85	24.87	24.72			
15	PI2 BPSK	1	40	24.91	25.10	25.10	26.0	0.0	
15	PI2 BPSK	1	77	24.97	24.81	24.89			
15	PI2 BPSK	36	0	23.77	23.67	24.67	26.0	0.5	
15	PI2 BPSK	36	22	24.84	25.14	25.02	26.0	0.0	
15	PI2 BPSK	36	43	24.92	24.97	24.99	26.0	0.5	
15	PI2 BPSK	75	0	24.17	24.37	24.30	26.0	0.5	
15	QPSK	1	1	24.89	24.88	24.70			
15	QPSK	1	40	25.02	25.10	25.14	26.0	0.0	
15	QPSK	1	77	24.98	25.00	24.94			
15	QPSK	36	0	23.30	24.60	24.84	26.0	1.0	
15	QPSK	36	22	24.87	24.97	25.05	26.0	0.0	
15	QPSK	36	43	24.88	24.11	24.19	26.0	1.0	
15	QPSK	75	0	23.72	23.81	23.89	26.0	1.0	
15	16QAM	1	1	23.84	23.98	23.92	26.0	1.0	
15	16QAM	1	1	22.29	22.30	22.33	23.5	2.5	
15	16QAM	1	1	23.20	23.24	23.24	23.5	4.5	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.48	24.53	24.51	26.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.81	24.70	24.83	26.0	0.0	

n12_Ant 2									
BW (MHz)	Modulation	RS Size	RS Offset	Power Low Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Time-up (min)	MFR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.85	24.87	24.72			
15	PI2 BPSK	1	40	24.91	25.10	25.10	26.0	0.0	
15	PI2 BPSK	1	77	24.97	24.82	24.89			
15	PI2 BPSK	36	0	23.77	23.67	24.67	26.0	0.5	
15	PI2 BPSK	36	22	24.84	25.14	25.02	26.0	0.0	
15	PI2 BPSK	36	43	24.92	24.97	24.99	26.0	0.5	
15	PI2 BPSK	75	0	24.17	24.37	24.30	26.0	0.5	
15	QPSK	1	1	24.89	24.88	24.70			
15	QPSK	1	40	25.02	25.10	25.14	26.0	0.0	
15	QPSK	1	77	24.98	25.00	24.94			
15	QPSK	36	0	23.30	24.60	24.84	26.0	1.0	
15	QPSK	36	22	24.87	24.97	25.05	26.0	0.0	
15	QPSK	36	43	24.88	24.11	24.19	26.0	1.0	
15	QPSK	75	0	23.72	23.81	23.89	26.0	1.0	
15	16QAM	1	1	23.84	23.98	23.92	26.0	1.0	
15	16QAM	1	1	22.29	22.30	22.33	23.5	2.5	
15	16QAM	1	1	23.20	23.24	23.24	23.5	4.5	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.48	24.53	24.51	26.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.81	24.70	24.83	26.0	0.0	



n13_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)									
10	PIQ BPSK	1	1	24.50			26.0	0.0	
10	PIQ BPSK	1	26	24.48					
10	PIQ BPSK	1	50	24.53					
10	PIQ BPSK	50	0	24.42			25.0	0.5	
10	PIQ BPSK	25	14	24.45			26.0	0.0	
10	PIQ BPSK	25	27	24.43			25.5	0.5	
10	PIQ BPSK	50	0	24.42					
10	QPSK	1	1	24.28			26.0	0.0	
10	QPSK	1	50	24.47					
10	QPSK	25	0	24.50			26.0	0.0	
10	QPSK	25	14	24.41			26.0	0.0	
10	QPSK	25	27	24.38			25.0	1.0	
10	QPSK	50	0	24.76					
10	16QAM	1	1	23.56			25.0	1.0	
10	16QAM	1	1	21.78			25.5	2.5	
10	16QAM	1	1	19.95			21.5	4.5	
Channel									
				159950	159950	159950	MPR (dB)		
Frequency (MHz)									
5	PIQ BPSK	1	1	24.52	24.45	24.55	26.0	0.0	

n13_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)									
10	PIQ BPSK	1	1	24.50			26.0	0.0	
10	PIQ BPSK	1	26	24.48					
10	PIQ BPSK	1	50	24.53					
10	PIQ BPSK	50	0	24.42			25.5	0.5	
10	PIQ BPSK	25	14	24.45			26.0	0.0	
10	PIQ BPSK	25	27	24.43			25.5	0.5	
10	PIQ BPSK	50	0	24.42					
10	QPSK	1	1	24.28			26.0	0.0	
10	QPSK	1	50	24.47					
10	QPSK	25	0	24.50			26.0	0.0	
10	QPSK	25	14	24.41			26.0	0.0	
10	QPSK	25	27	24.38			25.0	1.0	
10	QPSK	50	0	24.76					
10	16QAM	1	1	23.56			25.0	1.0	
10	16QAM	1	1	21.78			25.5	2.5	
10	16QAM	1	1	19.95			21.5	4.5	
Channel									
				159950	159950	159950	MPR (dB)		
Frequency (MHz)									
5	PIQ BPSK	1	1	24.52	24.45	24.55	26.0	0.0	

n25_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)									
20	PIQ BPSK	1	1	21.93	21.93	21.93	23.0	0.0	
20	PIQ BPSK	1	53	21.78	21.62	21.49			
20	PIQ BPSK	1	104	21.63	21.48	21.38			
20	PIQ BPSK	50	0	21.90	21.58	21.40	23.0	0.0	
20	PIQ BPSK	50	26	21.92	21.57	21.51	23.0	0.0	
20	PIQ BPSK	50	50	21.92	21.57	21.55	23.0	0.0	
20	PIQ BPSK	100	0	21.87	21.60	21.55			
20	QPSK	1	1	21.88	21.55	21.43			
20	QPSK	1	53	21.74	21.58	21.74	23.0	0.0	
20	QPSK	1	104	21.74	21.58	21.72			
20	QPSK	50	0	21.68	21.49	21.64	23.0	0.0	
20	QPSK	50	26	21.71	21.58	21.57	23.0	0.0	
20	QPSK	50	50	21.52	21.61	21.53	23.0	0.0	
20	QPSK	100	0	21.76	21.48	21.71			
20	16QAM	1	1	21.82	21.62	21.65	23.0	0.0	
20	16QAM	1	1	21.84	21.62	21.52	23.0	0.0	
20	16QAM	1	1	20.25	20.21	20.08	21.5	1.5	
Channel									
				371500	371500	381500	MPR (dB)		
Frequency (MHz)									
15	PIQ BPSK	1	1	21.90	21.73	21.52	23.0	0.0	
Channel									
				371500	371500	380500	MPR (dB)		
Frequency (MHz)									
10	PIQ BPSK	1	1	21.90	21.77	21.49	23.0	0.0	
Channel									
				371500	371500	382500	MPR (dB)		
Frequency (MHz)									
5	PIQ BPSK	1	1	21.79	21.50	21.39	23.0	0.0	

n25_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)									
20	PIQ BPSK	1	1	21.10	21.05	21.05			
20	PIQ BPSK	1	53	24.83	24.55	24.50	26.0	0.0	
20	PIQ BPSK	1	104	24.60	24.50	24.28			
20	PIQ BPSK	50	0	24.78	24.30	24.07	26.5	0.5	
20	PIQ BPSK	50	26	24.96	24.43	24.21	26.0	0.0	
20	PIQ BPSK	50	50	24.47	24.27	24.11	26.5	0.5	
20	PIQ BPSK	100	0	24.82	24.31	24.13			
20	QPSK	1	1	24.47	24.28	24.26			
20	QPSK	1	53	24.95	24.57	24.57	26.0	0.0	
20	QPSK	1	104	24.48	24.29	24.28			
20	QPSK	50	0	24.94	24.48	24.23	26.0	1.0	
20	QPSK	50	26	24.85	24.31	24.13	26.0	0.0	
20	QPSK	50	50	24.70	24.26	24.12	25.0	1.0	
20	QPSK	100	0	24.92	24.33	24.14			
20	16QAM	1	1	25.00	24.98	24.91	25.0	1.0	
20	16QAM	1	1	23.47	23.25	23.25	23.5	2.5	
20	16QAM	1	1	21.48	21.02	20.71	21.5	4.5	
Channel									
				371500	371500	381500	MPR (dB)		
Frequency (MHz)									
15	PIQ BPSK	1	1	21.90	21.73	21.52	23.0	0.0	
Channel									
				371500	371500	380500	MPR (dB)		
Frequency (MHz)									
10	PIQ BPSK	1	1	21.00	21.43	21.19	26.0	0.0	
Channel									
				371500	371500	382500	MPR (dB)		
Frequency (MHz)									
5	PIQ BPSK	1	1	24.38	24.41	24.21	26.0	0.0	



n26_Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power High Ch. (Freq)	Power High Ch. (Freq)	Turn-up time (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	P1/2 BPSK	1	1	24.53	24.51	24.55						
20	P1/2 BPSK	1	53	24.52	24.50	24.51	20.0	0.0				
20	P1/2 BPSK	1	104	24.52	24.50	24.54						
20	P1/2 BPSK	50	0	24.53	24.51	24.46	20.0	0.0				
20	P1/2 BPSK	50	29	24.51	24.50	24.52	20.0	0.0				
20	P1/2 BPSK	50	58	24.52	24.50	24.50	20.0	0.0				
20	P1/2 BPSK	100	0	24.52	24.50	24.50						
20	QPSK	1	1	24.50	24.52	24.54						
20	QPSK	1	53	24.52	24.51	24.50	20.0	0.0				
20	QPSK	1	104	24.50	24.50	24.50						
20	QPSK	50	0	24.50	24.50	24.50	20.0	1.0				
20	QPSK	50	29	24.53	24.54	24.51	20.0	0.0				
20	QPSK	50	58	23.98	24.04	23.99	20.0	1.0				
20	QPSK	100	0	24.07	24.03	24.01						
20	16QAM	1	1	24.35	24.33	24.31	20.0	1.0				
20	16QAM	1	1	22.81	22.74	22.70	23.5	2.5				
20	16QAM	1	1	20.52	20.52	20.50	21.5	4.5				
Channel												
Frequency (MHz)												
15	P1/2 BPSK	1	1	24.53	24.54	24.57	20.0	0.0				
Channel												
Frequency (MHz)												
10	P1/2 BPSK	1	1	24.51	24.51	24.50	20.0	0.0				
Channel												
Frequency (MHz)												
5	P1/2 BPSK	1	1	24.46	24.51	24.50	20.0	0.0				

n26_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power High Ch. (Freq)	Power High Ch. (Freq)	Turn-up time (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
20	P1/2 BPSK	1	1	24.45	24.51	24.50						
20	P1/2 BPSK	1	53	24.52	24.50	24.51	20.0	0.0				
20	P1/2 BPSK	1	104	24.52	24.50	24.54						
20	P1/2 BPSK	50	0	24.53	24.51	24.46	20.0	0.0				
20	P1/2 BPSK	50	29	24.51	24.50	24.52	20.0	0.0				
20	P1/2 BPSK	50	58	24.52	24.50	24.50	20.0	0.0				
20	P1/2 BPSK	100	0	24.52	24.50	24.50						
20	QPSK	1	1	24.50	24.52	24.54						
20	QPSK	1	53	24.52	24.51	24.50	20.0	0.0				
20	QPSK	1	104	24.50	24.50	24.50						
20	QPSK	50	0	24.50	24.50	24.50	20.0	1.0				
20	QPSK	50	29	24.53	24.54	24.51	20.0	0.0				
20	QPSK	50	58	23.98	24.04	23.99	20.0	1.0				
20	QPSK	100	0	24.07	24.03	24.01						
20	16QAM	1	1	24.25	24.33	24.31	20.0	1.0				
20	16QAM	1	1	22.81	22.74	22.70	23.5	2.5				
20	16QAM	1	1	20.52	20.52	20.50	21.5	4.5				
Channel												
Frequency (MHz)												
15	P1/2 BPSK	1	1	24.53	24.54	24.57	20.0	0.0				
Channel												
Frequency (MHz)												
10	P1/2 BPSK	1	1	24.51	24.51	24.50	20.0	0.0				
Channel												
Frequency (MHz)												
5	P1/2 BPSK	1	1	24.46	24.51	24.50	20.0	0.0				

n66_Ant 1												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power High Ch. (Freq)	Power High Ch. (Freq)	Turn-up time (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
40	P1/2 BPSK	1	1	24.51	24.45	24.50						
40	P1/2 BPSK	1	108	24.51	24.48	24.49	20.0	0.0				
40	P1/2 BPSK	1	214	24.50	24.52	24.50						
40	P1/2 BPSK	108	0	24.51	24.41	24.43	20.0	0.0				
40	P1/2 BPSK	108	54	24.49	24.47	24.50	20.0	0.0				
40	P1/2 BPSK	108	108	24.48	24.47	24.46	20.0	0.0				
40	P1/2 BPSK	216	0	24.50	24.50	24.47						
40	QPSK	1	1	24.48	24.49	24.50	20.0	0.0				
40	QPSK	1	108	24.50	24.47	24.51	20.0	0.0				
40	QPSK	1	214	24.34	24.50	24.34						
40	QPSK	108	0	24.41	24.37	24.36	20.0	1.0				
40	QPSK	108	54	24.43	24.38	24.35	20.0	0.0				
40	QPSK	108	108	24.47	24.44	24.45	20.0	1.0				
40	QPSK	216	0	24.47	24.46	24.35						
40	16QAM	1	1	24.74	24.64	24.65	20.0	1.0				
40	16QAM	1	1	23.13	23.07	23.08	23.5	2.5				
40	16QAM	1	1	20.95	20.95	20.95	21.0	4.5				
Channel												
Frequency (MHz)												
20	P1/2 BPSK	1	1	24.49	24.43	24.43	20.0	0.0				
Channel												
Frequency (MHz)												
15	P1/2 BPSK	1	1	24.50	24.43	24.44	20.0	0.0				
Channel												
Frequency (MHz)												
10	P1/2 BPSK	1	1	24.49	24.47	24.42	20.0	0.0				
Channel												
Frequency (MHz)												
5	P1/2 BPSK	1	1	24.42	24.43	24.47	20.0	0.0				

n66_Ant 2												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. (Freq)	Power High Ch. (Freq)	Power High Ch. (Freq)	Turn-up time (dBm)	MFR (dB)				
Channel												
Frequency (MHz)												
40	P1/2 BPSK	1	1	24.51	24.45	24.45						
40	P1/2 BPSK	1	108	24.51	24.48	24.49	20.0	0.0				
40	P1/2 BPSK	1	214	24.50	24.52	24.50						
40	P1/2 BPSK	108	0	24.51	24.41	24.43	20.0	0.0				
40	P1/2 BPSK	108	54	24.49	24.47	24.50	20.0	0.0				
40	P1/2 BPSK	108	108	24.48	24.47	24.46	20.0	0.0				
40	P1/2 BPSK	216	0	24.50	24.50	24.47						
40	QPSK	1	1	24.48	24.49	24.50	20.0	0.0				
40	QPSK	1	108	24.50	24.47	24.51	20.0	0.0				
40	QPSK	1	214	24.34	24.50	24.34						
40	QPSK	108	0	24.41	24.37	24.36	20.0	1.0				
40	QPSK	108	54	24.43	24.38	24.35	20.0	0.0				
40	QPSK	108	108	24.47	24.44	24.45	20.0	1.0				
40	QPSK	216	0	24.47	24.46	24.35						
40	16QAM	1	1	24.74	24.64	24.65	20.0	1.0				
40	16QAM	1	1	23.13	23.07	23.08	23.5	2.5				
40	16QAM	1	1	20.95	20.95	20.95	21.0	4.5				
Channel												
Frequency (MHz)												
20	P1/2 BPSK	1	1	24.49	24.43	24.43	20.0	0.0				
Channel												
Frequency (MHz)												
15	P1/2 BPSK	1	1	24.50	24.43	24.44	20.0	0.0				
Channel												
Frequency (MHz)												
10	P1/2 BPSK	1	1	24.49	24.47	24.42	20.0	0.0				
Channel												
Frequency (MHz)												
5	P1/2 BPSK	1	1	24.42	24.43	24.47	20.0	0.0				



n71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Tune-up (MHz)	APR (dB)	
Channel									
Frequency (MHz)									
20	Pilot BPSK	1	1	24.52	24.67	24.68			
20	Pilot BPSK	1	53	24.55	24.66	24.67	26.0	0.0	
20	Pilot BPSK	1	104	24.58	24.73	24.74			
20	Pilot BPSK	50	0	24.52	24.64	24.21	25.5	0.5	
20	Pilot BPSK	50	26	24.55	24.65	24.55	26.0	0.0	
20	Pilot BPSK	50	56	24.58	24.74	24.66	25.5	0.5	
20	Pilot BPSK	100	0	24.61	24.62	24.70			
20	QPSK	1	1	24.55	24.63	24.65			
20	QPSK	1	53	24.55	24.65	24.65	26.0	0.0	
20	QPSK	1	104	24.58	24.73	24.77			
20	QPSK	50	3	24.58	24.58	24.58	26.0	1.0	
20	QPSK	50	26	24.55	24.54	24.08	26.0	0.0	
20	QPSK	50	56	24.58	24.78	24.67	25.0	1.0	
20	QPSK	100	0	24.73	24.67	24.50			
20	MQAM	1	1	24.25	24.38	24.44	25.0	1.0	
20	MQAM	1	1	22.71	22.80	22.86	23.5	2.5	
20	MQAM	1	1	20.45	20.28	20.05	21.5	4.5	
Channel									
Frequency (MHz)									
15	Pilot BPSK	1	1	24.52	24.66	24.47	26.0	0.0	
Channel									
Frequency (MHz)									
10	Pilot BPSK	1	1	24.47	24.59	24.44	26.0	0.0	
Channel									
Frequency (MHz)									
5	Pilot BPSK	1	1	24.48	24.57	24.42	26.0	0.0	

n71_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Max Ch. Freq.	Power High Ch. Freq.	Tune-up (MHz)	APR (dB)	
Channel									
Frequency (MHz)									
20	Pilot BPSK	1	1	24.55	24.67	24.68			
20	Pilot BPSK	1	53	24.55	24.66	24.67	26.0	0.0	
20	Pilot BPSK	1	104	24.58	24.73	24.74			
20	Pilot BPSK	50	0	24.52	24.64	24.21	25.5	0.5	
20	Pilot BPSK	50	26	24.55	24.65	24.55	26.0	0.0	
20	Pilot BPSK	50	56	24.58	24.74	24.66	25.5	0.5	
20	Pilot BPSK	100	0	24.61	24.62	24.70			
20	QPSK	1	1	24.55	24.63	24.65			
20	QPSK	1	53	24.55	24.65	24.65	26.0	0.0	
20	QPSK	1	104	24.58	24.73	24.77			
20	QPSK	50	3	24.58	24.58	24.58	26.0	1.0	
20	QPSK	50	26	24.55	24.54	24.08	26.0	0.0	
20	QPSK	50	56	24.58	24.78	24.67	25.0	1.0	
20	QPSK	100	0	24.73	24.67	24.50			
20	MQAM	1	1	24.25	24.38	24.44	25.0	1.0	
20	MQAM	1	1	22.71	22.80	22.86	23.5	2.5	
20	MQAM	1	1	20.45	20.28	20.05	21.5	4.5	
Channel									
Frequency (MHz)									
15	Pilot BPSK	1	1	24.52	24.66	24.47	26.0	0.0	
Channel									
Frequency (MHz)									
10	Pilot BPSK	1	1	24.47	24.59	24.44	26.0	0.0	
Channel									
Frequency (MHz)									
5	Pilot BPSK	1	1	24.48	24.57	24.42	26.0	0.0	



Part270_n78_Ant 10										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level	Power Min. Ch. Freq.	Power Max. Ch. Freq.	Power High Ch. Freq.	Time-up (min)	MR1 (dB)	MR2 (dB)
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1		21.90	21.90	21.90	23.0	0.0	
100	PI2 BPSK	1	137		21.94	21.94	21.94			
100	PI2 BPSK	1	271		21.83	21.83	21.83			
100	PI2 BPSK	155	0		21.82	21.82	21.82	23.0	0.0	
100	PI2 BPSK	155	89		21.95	21.95	21.95			
100	PI2 BPSK	155	138		21.81	21.81	21.81	23.0	0.0	
100	PI2 BPSK	210	0		21.94	21.94	21.94			
100	QPSK	1	1		21.95	21.95	21.95			
100	QPSK	1	137		21.82	21.82	21.82	23.0	0.0	
100	QPSK	1	271		21.94	21.94	21.94			
100	QPSK	155	0		21.86	21.86	21.86			
100	QPSK	155	89		21.85	21.85	21.85	23.0	0.0	
100	QPSK	155	138		21.95	21.95	21.95			
100	QPSK	210	0		21.79	21.79	21.79	23.0	0.0	
100	HQAM	1	1		21.82	21.82	21.82	23.0	0.0	
100	HQAM	1	1		21.81	21.81	21.81	23.0	0.0	
100	HQAM	1	1		21.85	21.85	21.85	23.0	0.0	
100	HQAM	1	1		21.85	21.85	21.85	23.0	0.0	
Channel										
Frequency (MHz)										
90	PI2 BPSK	1	1		21.75	21.90	21.98	23.0	0.0	
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1		21.74	21.94	21.97	23.0	0.0	
Channel										
Frequency (MHz)										
70	PI2 BPSK	1	1		21.87	21.82	21.84	23.0	0.0	
Channel										
Frequency (MHz)										
60	PI2 BPSK	1	1		21.89	21.82	21.79	23.0	0.0	
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1		21.78	21.70	21.74	23.0	0.0	
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1		21.74	21.69	21.70	23.0	0.0	
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1		21.72	21.55	21.52	23.0	0.0	
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1		21.69	21.79	21.89	23.0	0.0	
Channel										
Frequency (MHz)										
15	PI2 BPSK	1	1		21.55	21.58	21.59	23.0	0.0	
Channel										
Frequency (MHz)										
10	PI2 BPSK	1	1		21.54	21.79	21.82	23.0	0.0	

Part270_n78(HPUE)_Ant 10										
BW (MHz)	Modulation	RB Size	RB Offset	Power Level	Power Min. Ch. Freq.	Power Max. Ch. Freq.	Power High Ch. Freq.	Time-up (min)	MR1 (dB)	MR2 (dB)
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1		21.65	21.65	21.65	23.0	0.0	
100	PI2 BPSK	1	137		21.98	21.98	21.98			
100	PI2 BPSK	1	271		21.83	21.83	21.83			
100	PI2 BPSK	155	0		21.82	21.82	21.82	23.0	0.0	
100	PI2 BPSK	155	89		21.98	21.98	21.98			
100	PI2 BPSK	155	138		21.81	21.81	21.81	23.0	0.0	
100	PI2 BPSK	210	0		21.94	21.94	21.94			
100	QPSK	1	1		21.98	21.98	21.98	23.0	0.0	
100	QPSK	1	137		21.82	21.82	21.82			
100	QPSK	1	271		21.94	21.94	21.94			
100	QPSK	155	0		21.86	21.86	21.86	23.0	0.0	
100	QPSK	155	89		21.87	21.87	21.87			
100	QPSK	155	138		21.95	21.95	21.95			
100	QPSK	210	0		21.79	21.79	21.79	23.0	0.0	
100	HQAM	1	1		21.82	21.82	21.82	23.0	0.0	
100	HQAM	1	1		21.81	21.81	21.81	23.0	0.0	
100	HQAM	1	1		21.85	21.85	21.85	23.0	0.0	
100	HQAM	1	1		21.85	21.85	21.85	23.0	0.0	
Channel										
Frequency (MHz)										
90	PI2 BPSK	1	1		21.73	21.90	21.98	23.0	0.0	
Channel										
Frequency (MHz)										
80	PI2 BPSK	1	1		21.74	21.94	21.97	23.0	0.0	
Channel										
Frequency (MHz)										
70	PI2 BPSK	1	1		21.87	21.82	21.84	23.0	0.0	
Channel										
Frequency (MHz)										
60	PI2 BPSK	1	1		21.89	21.82	21.79	23.0	0.0	
Channel										
Frequency (MHz)										
50	PI2 BPSK	1	1		21.78	21.70	21.74	23.0	0.0	
Channel										
Frequency (MHz)										
40	PI2 BPSK	1	1		21.74	21.69	21.70	23.0	0.0	
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1		21.72	21.55	21.52	23.0	0.0	
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1		21.69	21.79	21.89	23.0	0.0	
Channel										
Frequency (MHz)										
15	PI2 BPSK	1	1		21.55	21.58	21.59	23.0	0.0	
Channel										
Frequency (MHz)										
10	PI2 BPSK	1	1		21.54	21.79	21.82	23.0	0.0	



5GNR Power for State 14

n2_Ant 1										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Mid Ch. F.Freq.	Power High Ch. F.Freq.	Time-up (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
20	PUSCH	1	1	21.55	21.58	21.62	23.0	0.0		
20	PUSCH	1	53	21.59	21.62	21.62	23.0	0.0		
20	PUSCH	1	104	21.61	21.61	21.58	23.0	0.0		
20	PUSCH	50	0	21.60	21.57	21.54	23.0	0.0		
20	PUSCH	50	28	21.61	21.60	21.61	23.0	0.0		
20	PUSCH	50	56	21.60	21.60	21.55	23.0	0.0		
20	PUSCH	100	0	21.60	21.55	21.58	23.0	0.0		
20	QPSK	1	1	21.55	21.55	21.61	23.0	0.0		
20	QPSK	1	53	21.60	21.59	21.62	23.0	0.0		
20	QPSK	1	104	21.60	21.59	21.60	23.0	0.0		
20	QPSK	50	0	21.62	21.58	21.57	23.0	0.0		
20	QPSK	50	28	21.61	21.62	21.61	23.0	0.0		
20	QPSK	50	56	21.60	21.55	21.62	23.0	0.0		
20	QPSK	100	0	21.60	21.62	21.55	23.0	0.0		
20	TDMA	1	1	21.59	21.65	21.52	23.0	0.0		
20	TDMA	1	1	21.61	21.64	21.62	23.0	0.0		
20	TDMA	1	1	20.58	20.63	20.54	21.5	1.5		
Channel										
Frequency (MHz)										
15	PUSCH	1	1	21.50	21.62	21.56	23.0	0.0		
Channel										
Frequency (MHz)										
10	PUSCH	1	1	21.43	21.63	21.63	23.0	0.0		
Channel										
Frequency (MHz)										
5	PUSCH	1	1	21.50	21.59	21.60	23.0	0.0		

n2_Ant 2										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Mid Ch. F.Freq.	Power High Ch. F.Freq.	Time-up (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
20	PUSCH	1	1	24.20	24.20	24.21	26.0	0.0		
20	PUSCH	1	53	24.20	24.40	24.16	26.0	0.0		
20	PUSCH	1	104	24.38	24.38	24.08	26.0	0.0		
20	PUSCH	50	0	24.15	24.44	24.20	25.5	0.5		
20	PUSCH	50	28	24.20	24.09	24.27	26.0	0.0		
20	PUSCH	50	56	24.21	24.43	24.05	25.5	0.5		
20	PUSCH	100	0	24.16	24.41	24.20	26.0	0.0		
20	QPSK	1	1	24.20	24.40	24.41	26.0	0.0		
20	QPSK	1	53	24.21	24.51	24.14	26.0	0.0		
20	QPSK	1	104	24.40	24.40	24.11	26.0	0.0		
20	QPSK	50	0	24.57	24.42	24.24	25.0	1.0		
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0		
20	QPSK	50	56	24.21	24.44	24.07	25.0	1.0		
20	QPSK	100	0	24.18	24.47	24.20	25.0	1.0		
20	TDMA	1	1	24.40	24.47	24.49	25.0	1.0		
20	TDMA	1	1	22.92	22.97	22.99	23.5	2.5		
20	TDMA	1	1	20.74	20.85	20.84	21.5	4.5		
Channel										
Frequency (MHz)										
15	PUSCH	1	1	24.24	24.31	24.29	26.0	0.0		
Channel										
Frequency (MHz)										
10	PUSCH	1	1	24.20	24.49	24.19	26.0	0.0		
Channel										
Frequency (MHz)										
5	PUSCH	1	1	24.20	24.40	24.20	26.0	0.0		

n5_Ant 0										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Mid Ch. F.Freq.	Power High Ch. F.Freq.	Time-up (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
20	PUSCH	1	1	24.12	24.47	24.25	26.0	0.0		
20	PUSCH	1	53	24.15	24.42	24.09	26.0	0.0		
20	PUSCH	1	104	24.03	24.10	24.03	26.0	0.0		
20	PUSCH	50	0	24.23	24.15	24.10	25.5	0.5		
20	PUSCH	50	28	24.20	24.20	24.24	26.0	0.0		
20	PUSCH	50	56	24.15	24.09	24.03	25.5	0.5		
20	PUSCH	100	0	24.24	24.40	24.10	26.0	0.0		
20	QPSK	1	1	24.20	24.20	24.20	26.0	0.0		
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0		
20	QPSK	1	104	24.11	24.12	24.04	26.0	0.0		
20	QPSK	50	0	24.31	24.20	24.24	25.0	1.0		
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0		
20	QPSK	50	56	24.16	24.11	24.08	25.0	1.0		
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0		
20	TDMA	1	1	24.40	24.37	24.35	25.0	1.0		
20	TDMA	1	1	22.92	22.99	22.99	23.5	2.5		
20	TDMA	1	1	20.70	20.84	20.79	21.5	4.5		
Channel										
Frequency (MHz)										
15	PUSCH	1	1	24.39	24.20	24.27	26.0	0.0		
Channel										
Frequency (MHz)										
10	PUSCH	1	1	24.33	24.19	24.24	26.0	0.0		
Channel										
Frequency (MHz)										
5	PUSCH	1	1	24.34	24.25	24.19	26.0	0.0		

n5_Ant 2										
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Mid Ch. F.Freq.	Power High Ch. F.Freq.	Time-up (ms)	MPE (dB)		
Channel										
Frequency (MHz)										
20	PUSCH	1	1	24.11	24.41	24.20	26.0	0.0		
20	PUSCH	1	53	24.15	24.12	24.03	26.0	0.0		
20	PUSCH	1	104	24.03	24.10	24.03	26.0	0.0		
20	PUSCH	50	0	24.23	24.15	24.10	25.5	0.5		
20	PUSCH	50	28	24.20	24.20	24.24	26.0	0.0		
20	PUSCH	50	56	24.15	24.09	24.03	25.5	0.5		
20	PUSCH	100	0	24.24	24.40	24.10	26.0	0.0		
20	QPSK	1	1	24.20	24.20	24.20	26.0	0.0		
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0		
20	QPSK	1	104	24.11	24.12	24.04	26.0	0.0		
20	QPSK	50	0	24.31	24.20	24.24	25.0	1.0		
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0		
20	QPSK	50	56	24.16	24.11	24.08	25.0	1.0		
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0		
20	TDMA	1	1	24.40	24.37	24.35	25.0	1.0		
20	TDMA	1	1	22.92	22.99	22.99	23.5	2.5		
20	TDMA	1	1	20.70	20.84	20.79	21.5	4.5		
Channel										
Frequency (MHz)										
15	PUSCH	1	1	24.39	24.28	24.27	26.0	0.0		
Channel										
Frequency (MHz)										
10	PUSCH	1	1	24.33	24.19	24.24	26.0	0.0		
Channel										
Frequency (MHz)										
5	PUSCH	1	1	24.34	24.25	24.19	26.0	0.0		



n7_Ant 1									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	22.05	22.13	22.12	25.0	0.0	
40	P12 BPSK	1	108	22.03	22.08	21.94	25.0	0.0	
40	P12 BPSK	1	214	22.04	22.06	21.99	25.0	0.0	
40	P12 BPSK	108	0	21.96	22.04	21.95	25.0	0.0	
40	P12 BPSK	108	54	21.98	22.10	21.99	25.0	0.0	
40	P12 BPSK	108	108	22.05	22.09	21.98	25.0	0.0	
40	P12 BPSK	216	0	22.04	22.08	22.07	25.0	0.0	
40	QPSK	1	1	21.95	22.02	22.11	25.0	0.0	
40	QPSK	1	108	22.05	22.12	22.03	25.0	0.0	
40	QPSK	1	214	22.03	22.06	22.03	25.0	0.0	
40	QPSK	108	0	21.99	22.10	21.95	25.0	0.0	
40	QPSK	108	54	22.01	21.99	21.98	25.0	0.0	
40	QPSK	108	108	22.05	22.08	21.97	25.0	0.0	
40	QPSK	216	0	21.98	22.05	21.95	25.0	0.0	
40	TDMA	1	1	21.84	22.10	22.10	25.0	0.0	
40	HSRGM	1	1	22.11	22.07	22.09	25.0	0.0	
40	256QAM	1	1	20.88	20.74	20.86	21.0	2.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	22.10	22.05	22.08	25.0	0.0	
Channel									
Frequency (MHz)									
25	P12 BPSK	1	1	22.03	22.10	22.07	25.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	22.06	22.08	22.05	25.0	0.0	
Channel									
Frequency (MHz)									
19	P12 BPSK	1	1	22.04	21.98	21.92	23.0	0.0	
Channel									
Frequency (MHz)									
18	P12 BPSK	1	1	22.02	22.09	22.09	25.0	0.0	
Channel									
Frequency (MHz)									
5	P12 BPSK	1	1	22.08	21.96	22.09	25.0	0.0	

n7_Ant 2									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
40	P12 BPSK	1	1	22.02	22.05	22.04	24.0	0.0	
40	P12 BPSK	1	108	22.04	22.09	22.00	24.0	0.0	
40	P12 BPSK	1	214	22.05	22.09	22.00	24.0	0.0	
40	P12 BPSK	108	0	22.04	22.08	22.00	24.0	0.0	
40	P12 BPSK	108	54	22.05	22.08	22.02	24.0	0.0	
40	P12 BPSK	108	108	22.02	22.07	22.01	24.0	0.0	
40	P12 BPSK	216	0	22.02	22.08	22.04	24.0	0.0	
40	QPSK	1	1	22.01	22.01	22.04	24.0	0.0	
40	QPSK	1	108	22.04	22.07	22.00	24.0	0.0	
40	QPSK	1	214	22.02	22.04	22.00	24.0	0.0	
40	QPSK	108	0	22.02	22.03	22.04	24.0	0.0	
40	QPSK	108	54	22.01	22.01	22.05	24.0	0.0	
40	QPSK	108	108	22.04	22.06	22.00	24.0	0.0	
40	QPSK	216	0	22.04	22.03	22.02	24.0	0.0	
40	TDMA	1	1	22.25	22.22	22.07	24.0	0.0	
40	HSRGM	1	1	22.21	22.09	22.23	23.0	0.0	
40	256QAM	1	1	20.89	20.71	20.54	21.0	2.0	
Channel									
Frequency (MHz)									
30	P12 BPSK	1	1	22.28	22.28	22.29	24.0	0.0	
Channel									
Frequency (MHz)									
25	P12 BPSK	1	1	22.44	22.42	22.27	24.0	0.0	
Channel									
Frequency (MHz)									
20	P12 BPSK	1	1	22.26	22.46	22.47	24.0	0.0	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	22.67	22.48	22.44	24.0	0.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	22.81	22.21	22.29	24.0	0.0	
Channel									
Frequency (MHz)									
5	P12 BPSK	1	1	22.20	22.06	22.05	24.0	0.0	

n12_Ant 0									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	24.85	24.87	24.72	20.0	0.0	
15	P12 BPSK	1	40	24.83	24.83	24.78	20.0	0.0	
15	P12 BPSK	1	77	24.87	24.85	24.85	20.0	0.0	
15	P12 BPSK	36	0	24.77	24.87	24.87	20.0	0.0	
15	P12 BPSK	36	20	24.84	24.81	24.82	20.0	0.0	
15	P12 BPSK	36	43	24.82	24.87	24.89	20.0	0.0	
15	P12 BPSK	72	0	24.77	24.89	24.85	20.0	0.0	
15	QPSK	1	1	24.85	24.88	24.85	20.0	0.0	
15	QPSK	1	40	24.82	24.18	24.18	20.0	0.0	
15	QPSK	1	77	24.88	24.85	24.84	20.0	0.0	
15	QPSK	36	0	24.75	24.85	24.85	20.0	1.0	
15	QPSK	36	20	24.87	24.87	24.86	20.0	0.0	
15	QPSK	36	43	24.88	24.11	24.11	20.0	1.0	
15	QPSK	72	0	24.72	24.81	24.89	20.0	1.0	
15	TDMA	1	1	23.84	23.60	23.60	20.0	1.0	
15	HSRGM	1	1	23.20	23.20	22.31	23.0	2.0	
15	256QAM	1	1	20.20	20.24	20.24	21.0	4.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	24.46	24.33	24.31	20.0	0.0	
Channel									
Frequency (MHz)									
5	P12 BPSK	1	1	24.81	24.75	24.83	20.0	0.0	

n12_Ant 2									
BV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq. (MHz)	Power Mid Ch. Freq. (MHz)	Power High Ch. Freq. (MHz)	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
15	P12 BPSK	1	1	24.85	24.87	24.72	20.0	0.0	
15	P12 BPSK	1	40	24.83	24.83	24.78	20.0	0.0	
15	P12 BPSK	1	77	24.87	24.85	24.85	20.0	0.0	
15	P12 BPSK	36	0	24.77	24.87	24.87	20.0	0.0	
15	P12 BPSK	36	20	24.84	24.81	24.82	20.0	0.0	
15	P12 BPSK	36	43	24.82	24.87	24.89	20.0	0.0	
15	P12 BPSK	72	0	24.77	24.89	24.85	20.0	0.0	
15	QPSK	1	1	24.85	24.88	24.85	20.0	0.0	
15	QPSK	1	40	24.82	24.18	24.18	20.0	0.0	
15	QPSK	1	77	24.88	24.85	24.84	20.0	0.0	
15	QPSK	36	0	24.75	24.85	24.85	20.0	1.0	
15	QPSK	36	20	24.87	24.87	24.86	20.0	0.0	
15	QPSK	36	43	24.88	24.11	24.11	20.0	1.0	
15	QPSK	72	0	24.72	24.81	24.89	20.0	1.0	
15	TDMA	1	1	23.84	23.60	23.60	20.0	1.0	
15	HSRGM	1	1	23.20	23.20	22.31	23.0	2.0	
15	256QAM	1	1	20.20	20.24	20.24	21.0	4.0	
Channel									
Frequency (MHz)									
10	P12 BPSK	1	1	24.46	24.33	24.31	20.0	0.0	
Channel									
Frequency (MHz)									
5	P12 BPSK	1	1	24.81	24.75	24.83	20.0	0.0	



n13_Ant 0									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.50					
10	PI2 BPSK	1	26	24.44			20.0	0.0	
10	PI2 BPSK	1	50	24.33					
10	PI2 BPSK	25	0	24.42			25.0	0.0	
10	PI2 BPSK	25	14	24.45			20.0	0.0	
10	PI2 BPSK	25	27	24.43			25.0	0.0	
10	PI2 BPSK	50	0	24.42					
10	QPSK	1	1	24.26					
10	QPSK	1	26	24.30			20.0	0.0	
10	QPSK	1	50	24.41					
10	QPSK	25	0	23.91			20.0	1.0	
10	QPSK	25	14	24.41			20.0	0.0	
10	QPSK	25	27	23.98			25.0	1.0	
10	QPSK	50	0	23.79					
10	16QAM	1	1	23.98			25.0	1.0	
10	16QAM	1	1	21.78			23.0	2.0	
10	256QAM	1	1	19.95			21.0	4.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.52	24.40	24.55	20.0	0.0	

n13_Ant 2									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.50					
10	PI2 BPSK	1	26	24.44			20.0	0.0	
10	PI2 BPSK	1	50	24.33					
10	PI2 BPSK	25	0	24.42			25.0	0.0	
10	PI2 BPSK	25	14	24.45			20.0	0.0	
10	PI2 BPSK	25	27	24.43			25.0	0.0	
10	PI2 BPSK	50	0	24.42					
10	QPSK	1	1	24.26					
10	QPSK	1	26	24.30			20.0	0.0	
10	QPSK	1	50	24.41					
10	QPSK	25	0	23.91			20.0	1.0	
10	QPSK	25	14	24.41			20.0	0.0	
10	QPSK	25	27	23.98			25.0	1.0	
10	QPSK	50	0	23.79					
10	16QAM	1	1	23.98			25.0	1.0	
10	16QAM	1	1	21.78			23.0	2.0	
10	256QAM	1	1	19.95			21.0	4.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.52	24.40	24.55	20.0	0.0	

n25_Ant 1									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	21.92	21.62	21.45			
20	PI2 BPSK	1	50	21.78	21.62	21.69	20.0	0.0	
20	PI2 BPSK	1	104	21.88	21.68	21.38			
20	PI2 BPSK	50	0	21.90	21.55	21.40	20.0	0.0	
20	PI2 BPSK	50	50	21.92	21.55	21.01	20.0	0.0	
20	PI2 BPSK	50	98	21.85	21.57	21.35	20.0	0.0	
20	PI2 BPSK	100	0	21.87	21.48	21.08			
20	QPSK	1	1	21.65	21.53	21.43			
20	QPSK	1	53	21.74	21.68	21.78	20.0	0.0	
20	QPSK	1	104	21.74	21.68	21.74			
20	QPSK	50	0	21.63	21.57	21.55	20.0	0.0	
20	QPSK	50	50	21.71	21.68	21.57	20.0	0.0	
20	QPSK	50	98	21.62	21.61	21.53	20.0	0.0	
20	QPSK	100	0	21.58	21.60	21.71			
20	16QAM	1	1	21.62	21.62	21.69	20.0	0.0	
20	16QAM	1	1	21.64	21.62	21.54	20.0	0.0	
20	256QAM	1	1	20.25	20.20	20.08	21.0	1.5	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	21.90	21.72	21.52	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	21.80	21.77	21.48	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	21.79	21.55	21.39	20.0	0.0	

n25_Ant 2									
SV (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Mid Ch. Freq.	Power High Ch. Freq.	Time-up (ms)	MPE (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	22.15	22.10	22.25			
20	PI2 BPSK	1	50	22.03	22.02	22.10	20.0	0.0	
20	PI2 BPSK	1	104	22.06	22.05	22.09			
20	PI2 BPSK	50	0	22.18	22.08	22.07	20.0	0.0	
20	PI2 BPSK	50	50	22.05	22.03	22.01	20.0	0.0	
20	PI2 BPSK	50	98	22.07	22.07	22.11	20.0	0.0	
20	PI2 BPSK	100	0	22.02	22.01	22.10			
20	QPSK	1	1	22.47	22.55	22.59			
20	QPSK	1	53	22.80	22.37	22.17	20.0	0.0	
20	QPSK	1	104	22.46	22.29	22.28			
20	QPSK	50	0	22.04	22.42	22.22	20.0	1.0	
20	QPSK	50	50	22.85	22.31	22.15	20.0	0.0	
20	QPSK	50	98	22.70	22.26	22.12	20.0	1.0	
20	QPSK	100	0	22.82	22.33	22.14	20.0	1.0	
20	16QAM	1	1	22.00	22.46	22.51	20.0	1.0	
20	16QAM	1	1	22.47	22.25	22.09	20.0	2.0	
20	256QAM	1	1	21.48	21.02	20.79	21.0	4.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.05	22.50	22.20	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	22.00	22.43	22.10	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	22.08	22.41	22.21	20.0	0.0	



n26_Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /Freq. (MHz)	Power Mid Ch. /Freq. (MHz)	Power High Ch. /Freq. (MHz)	Temp (dB)	MFR (dB)			
Channel											
Frequency (MHz)											
20	P1/2 BPSK	1	1	24.05	24.05	24.05	26.0	0.0			
20	P1/2 BPSK	1	56	24.02	24.02	24.02	26.0	0.0			
20	P1/2 BPSK	1	104	24.07	24.06	24.04	25.5	0.5			
20	P1/2 BPSK	50	0	24.03	24.01	24.06	25.5	0.5			
20	P1/2 BPSK	50	56	24.04	24.02	24.05	25.0	0.0			
20	P1/2 BPSK	50	104	24.02	24.05	24.00	25.5	0.5			
20	P1/2 BPSK	100	0	24.04	24.02	24.06	25.0	0.0			
20	QPSK	1	1	24.06	24.02	24.04	26.0	0.0			
20	QPSK	1	53	24.07	24.03	24.02	25.0	0.0			
20	QPSK	1	104	24.06	24.03	24.06	25.0	1.0			
20	QPSK	50	28	24.03	24.04	24.05	25.0	0.0			
20	QPSK	50	56	24.06	24.04	24.06	25.0	1.0			
20	QPSK	50	104	24.07	24.03	24.01	25.0	1.0			
20	TQDM	1	1	24.05	24.03	23.91	25.0	1.0			
20	HQAMM	1	1	24.01	24.04	24.00	25.5	2.5			
20	256QAM	1	1	24.02	24.02	24.06	24.5	4.5			
Channel											
Frequency (MHz)											
15	P1/2 BPSK	1	1	24.03	24.04	24.07	26.0	0.0			
Channel											
Frequency (MHz)											
10	P1/2 BPSK	1	1	24.01	24.01	24.06	26.0	0.0			
Channel											
Frequency (MHz)											
5	P1/2 BPSK	1	1	24.06	24.01	24.05	26.0	0.0			

n26_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /Freq. (MHz)	Power Mid Ch. /Freq. (MHz)	Power High Ch. /Freq. (MHz)	Temp (dB)	MFR (dB)			
Channel											
Frequency (MHz)											
20	P1/2 BPSK	1	1	24.05	24.05	24.05	26.0	0.0			
20	P1/2 BPSK	1	56	24.02	24.02	24.02	26.0	0.0			
20	P1/2 BPSK	1	104	24.07	24.06	24.04	25.5	0.5			
20	P1/2 BPSK	50	0	24.03	24.01	24.06	25.5	0.5			
20	P1/2 BPSK	50	56	24.04	24.02	24.05	25.0	0.0			
20	P1/2 BPSK	50	104	24.02	24.05	24.00	25.5	0.5			
20	P1/2 BPSK	100	0	24.04	24.02	24.06	25.0	0.0			
20	QPSK	1	1	24.06	24.02	24.04	26.0	0.0			
20	QPSK	1	53	24.07	24.03	24.02	25.0	0.0			
20	QPSK	1	104	24.06	24.03	24.06	25.0	1.0			
20	QPSK	50	28	24.03	24.04	24.05	25.0	0.0			
20	QPSK	50	56	24.06	24.04	24.06	25.0	1.0			
20	QPSK	50	104	24.07	24.03	24.01	25.0	1.0			
20	TQDM	1	1	24.05	24.03	23.91	25.0	1.0			
20	HQAMM	1	1	24.01	24.04	24.00	25.5	2.5			
20	256QAM	1	1	24.02	24.02	24.06	24.5	4.5			
Channel											
Frequency (MHz)											
15	P1/2 BPSK	1	1	24.03	24.04	24.07	26.0	0.0			
Channel											
Frequency (MHz)											
10	P1/2 BPSK	1	1	24.01	24.01	24.06	26.0	0.0			
Channel											
Frequency (MHz)											
5	P1/2 BPSK	1	1	24.06	24.01	24.05	26.0	0.0			

n66_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /Freq. (MHz)	Power Mid Ch. /Freq. (MHz)	Power High Ch. /Freq. (MHz)	Temp (dB)	MFR (dB)			
Channel											
Frequency (MHz)											
40	P1/2 BPSK	1	1	24.05	24.05	24.05	26.0	0.0			
40	P1/2 BPSK	1	104	24.02	24.02	24.02	26.0	0.0			
40	P1/2 BPSK	1	214	24.08	24.02	24.06	25.5	0.5			
40	P1/2 BPSK	100	0	24.03	24.01	24.03	25.5	0.5			
40	P1/2 BPSK	100	56	24.07	24.02	24.05	25.0	0.0			
40	P1/2 BPSK	100	108	24.06	24.07	24.06	25.5	0.5			
40	P1/2 BPSK	210	0	24.06	24.06	24.07	25.0	0.0			
40	QPSK	1	1	24.08	24.09	24.05	26.0	0.0			
40	QPSK	1	108	24.03	24.07	24.03	25.0	1.0			
40	QPSK	1	214	24.06	24.08	24.04	25.0	1.0			
40	QPSK	100	0	24.01	24.07	24.09	25.0	1.0			
40	QPSK	100	56	24.03	24.06	24.05	25.0	1.0			
40	QPSK	100	108	24.01	24.08	24.05	25.0	1.0			
40	QPSK	210	0	24.04	24.06	24.05	25.0	1.0			
40	TQDM	1	1	24.04	24.04	24.05	25.0	1.0			
40	HQAMM	1	1	24.01	24.07	24.08	25.5	2.5			
40	256QAM	1	1	24.05	24.05	24.05	24.5	4.5			
Channel											
Frequency (MHz)											
20	P1/2 BPSK	1	1	24.06	24.03	24.09	26.0	0.0			
Channel											
Frequency (MHz)											
15	P1/2 BPSK	1	1	24.05	24.03	24.05	26.0	0.0			
Channel											
Frequency (MHz)											
10	P1/2 BPSK	1	1	24.06	24.07	24.05	26.0	0.0			
Channel											
Frequency (MHz)											
5	P1/2 BPSK	1	1	24.02	24.03	24.07	26.0	0.0			

n66_Ant 2											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. /Freq. (MHz)	Power Mid Ch. /Freq. (MHz)	Power High Ch. /Freq. (MHz)	Temp (dB)	MFR (dB)			
Channel											
Frequency (MHz)											
40	P1/2 BPSK	1	1	24.05	24.05	24.05	26.0	0.0			
40	P1/2 BPSK	1	104	24.02	24.02	24.02	26.0	0.0			
40	P1/2 BPSK	1	214	24.08	24.02	24.06	25.5	0.5			
40	P1/2 BPSK	100	0	24.03	24.01	24.03	25.5	0.5			
40	P1/2 BPSK	100	56	24.07	24.02	24.05	25.0	0.0			
40	P1/2 BPSK	100	108	24.06	24.07	24.06	25.5	0.5			
40	P1/2 BPSK	210	0	24.06	24.06	24.07	25.0	0.0			
40	QPSK	1	1	24.08	24.09	24.05	26.0	0.0			
40	QPSK	1	108	24.03	24.07	24.03	25.0	1.0			
40	QPSK	1	214	24.06	24.08	24.04	25.0	1.0			
40	QPSK	100	0	24.01	24.07	24.09	25.0	1.0			
40	QPSK	100	56	24.03	24.06	24.05	25.0	1.0			
40	QPSK	100	108	24.01	24.08	24.05	25.0	1.0			
40	QPSK	210	0	24.04	24.06	24.05	25.0	1.0			
40	TQDM	1	1	24.04	24.04	24.05	25.0	1.0			
40	HQAMM	1	1	24.01	24.07	24.08	25.5	2.5			
40	256QAM	1	1	24.05	24.05	24.05	24.5	4.5			
Channel											
Frequency (MHz)											
20	P1/2 BPSK	1	1	24.06	24.03	24.09	26.0	0.0			
Channel											
Frequency (MHz)											
15	P1/2 BPSK	1	1	24.05	24.03	24.05	26.0	0.0			
Channel											
Frequency (MHz)											
10	P1/2 BPSK	1	1	24.06	24.07	24.05	26.0	0.0			
Channel											
Frequency (MHz)											
5	P1/2 BPSK	1	1	24.02	24.03	24.07	26.0	0.0			



n71_Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Take-up time (min)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.52	24.67	24.82			
20	PI2 BPSK	1	53	24.52	24.66	24.82	20.0	0.0	
20	PI2 BPSK	1	104	24.54	24.75	24.95			
20	PI2 BPSK	50	0	24.52	24.64	24.71	20.5	0.5	
20	PI2 BPSK	50	28	24.52	24.65	24.75	20.0	0.0	
20	PI2 BPSK	50	56	24.50	24.74	24.86	20.5	0.5	
20	PI2 BPSK	100	0	24.49	24.65	24.76			
20	QPSK	1	1	24.52	24.65	24.85			
20	QPSK	1	53	24.52	24.85	24.95	20.0	0.0	
20	QPSK	1	104	24.54	24.73	24.97			
20	QPSK	50	0	24.50	24.75	24.90	20.0	1.0	
20	QPSK	50	28	24.50	24.64	24.98	20.0	0.0	
20	QPSK	50	56	24.52	24.75	24.87	20.0	1.0	
20	QPSK	100	0	24.52	24.67	24.89	20.0	1.0	
20	TSCM	1	1	24.25	24.38	24.44	20.0	1.0	
20	HQAM	1	1	22.71	22.80	22.86	20.5	2.5	
20	25QAM	1	1	20.45	20.59	20.65	21.5	4.5	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.52	24.69	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.46	24.57	24.42	20.0	0.0	

n71_Ant 2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Take-up time (min)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.52	24.67	24.82			
20	PI2 BPSK	1	53	24.52	24.66	24.82	20.0	0.0	
20	PI2 BPSK	1	104	24.54	24.75	24.95			
20	PI2 BPSK	50	0	24.52	24.64	24.71	20.5	0.5	
20	PI2 BPSK	50	28	24.52	24.65	24.75	20.0	0.0	
20	PI2 BPSK	50	56	24.50	24.74	24.86	20.5	0.5	
20	PI2 BPSK	100	0	24.49	24.65	24.76			
20	QPSK	1	1	24.52	24.65	24.85			
20	QPSK	1	53	24.52	24.85	24.95	20.0	0.0	
20	QPSK	1	104	24.54	24.73	24.97			
20	QPSK	50	0	24.50	24.75	24.90	20.0	1.0	
20	QPSK	50	28	24.50	24.64	24.98	20.0	0.0	
20	QPSK	50	56	24.52	24.75	24.87	20.0	1.0	
20	QPSK	100	0	24.52	24.67	24.89	20.0	1.0	
20	TSCM	1	1	24.25	24.38	24.44	20.0	1.0	
20	HQAM	1	1	22.71	22.80	22.86	20.5	2.5	
20	25QAM	1	1	20.45	20.59	20.65	21.5	4.5	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.52	24.69	24.47	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.47	24.59	24.44	20.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	24.49	24.57	24.42	20.0	0.0	



Part270_n78_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up (ms)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.00					
100	P12-BPSK	1	137	21.98				23.0	0.0
100	P12-BPSK	1	271	21.83					
100	P12-BPSK	155	0	21.82				23.0	0.0
100	P12-BPSK	155	69	21.80				23.0	0.0
100	P12-BPSK	155	138	21.81				23.0	0.0
100	P12-BPSK	200	0	21.84					
100	QPSK	1	1	21.58					
100	QPSK	1	137	21.52				23.0	0.0
100	QPSK	1	271	21.24					
100	QPSK	155	0	21.26					
100	QPSK	155	69	21.27				23.0	0.0
100	QPSK	155	138	21.25					
100	QPSK	270	0	21.79					
100	HQAM	1	1	21.80				23.0	0.0
100	HQAM	1	1	21.50				23.0	0.0
100	HQAM	1	1	21.50				23.0	0.0
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	3745.00	3750	3754.98		23.0	0.0
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	3740.24	3750	3759.99		23.0	0.0
Channel									
Frequency (MHz)									
70	P12-BPSK	1	1	3730.02	3750	3759.98		23.0	0.0
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	3720.01	3750	3779.99		23.0	0.0
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	6574.00	6579	6578.99		23.0	0.0
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	6569.00	6570	6570.00		23.0	0.0
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	6574.00	6579	6579.00		23.0	0.0

Part270_n78(HPUe)_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Time-up (ms)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12-BPSK	1	1	22.00					
100	P12-BPSK	1	137	21.98				23.0	0.0
100	P12-BPSK	1	271	21.83					
100	P12-BPSK	155	0	21.82				23.0	0.0
100	P12-BPSK	155	69	21.80				23.0	0.0
100	P12-BPSK	155	138	21.81				23.0	0.0
100	P12-BPSK	200	0	21.84					
100	QPSK	1	1	21.58					
100	QPSK	1	137	21.52				23.0	0.0
100	QPSK	1	271	21.24					
100	QPSK	155	0	21.26					
100	QPSK	155	69	21.27				23.0	0.0
100	QPSK	155	138	21.25					
100	QPSK	270	0	21.79					
100	HQAM	1	1	21.80				23.0	0.0
100	HQAM	1	1	21.50				23.0	0.0
100	HQAM	1	1	21.50				23.0	0.0
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	3745.00	3750	3754.98		23.0	0.0
Channel									
Frequency (MHz)									
80	P12-BPSK	1	1	3740.24	3750	3759.99		23.0	0.0
Channel									
Frequency (MHz)									
70	P12-BPSK	1	1	3730.02	3750	3759.98		23.0	0.0
Channel									
Frequency (MHz)									
60	P12-BPSK	1	1	3720.01	3750	3779.99		23.0	0.0
Channel									
Frequency (MHz)									
50	P12-BPSK	1	1	6574.00	6579	6578.99		23.0	0.0
Channel									
Frequency (MHz)									
40	P12-BPSK	1	1	6569.00	6570	6570.00		23.0	0.0
Channel									
Frequency (MHz)									
30	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
20	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	6573.00	6580	6586.99		23.0	0.0
Channel									
Frequency (MHz)									
10	P12-BPSK	1	1	6574.00	6579	6579.00		23.0	0.0



Full Power/Default Power

Band 48(Part 96)_Ant 7

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (F/Hz), Power High Ch. (F/Hz), Power Low (dBm), Power High (dBm), and various frequency/offset combinations for different modulation types (OFDM, SC-FDMA, etc.)

Band 48(Part 96)_Ant 8

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (F/Hz), Power High Ch. (F/Hz), Power Low (dBm), Power High (dBm), and various frequency/offset combinations for different modulation types (OFDM, SC-FDMA, etc.)



Band 48(Part 96)_Ant 9

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (Freq), Power High Ch. (Freq), and various Twp-up (dBm) values. Includes sub-headers for Channel and Frequency (MHz).

Band 48(Part 96)_Ant 10

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (Freq), Power High Ch. (Freq), and various Twp-up (dBm) values. Includes sub-headers for Channel and Frequency (MHz).



Band 48(Part 96)_Ant 9

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, and various frequency and power parameters for Antenna 9.

Band 48(Part 96)_Ant 10

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. / Freq, Power High Ch. / Freq, and various frequency and power parameters for Antenna 10.



WWAN Power for State 11

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch / Freq, Power High Ch / Freq, and various Take-up limit (dBm) values. Subtitle: Band 48(Part 96)_Ant 7.

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch / Freq, Power High Ch / Freq, and various Take-up limit (dBm) values. Subtitle: Band 48(Part 96)_Ant 8.



Band 48(Part 96)_Ant 9

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq. Includes sub-headers for Channel and Frequency (MHz).

Band 48(Part 96)_Ant 10

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq, Power Low Ch / Freq, Power High Ch / Freq. Includes sub-headers for Channel and Frequency (MHz).



WWAN Power for State 12

Band 48(Part 96)_Ant 7

Table with columns: B/W (MHz), Modulation, RB Size, RB Offset, Power Level, Power Limit, and various Frequency/Power Limit combinations. Includes sub-sections for Channel 55940-55950 and 55955-55965.

Band 48(Part 96)_Ant 8

Table with columns: B/W (MHz), Modulation, RB Size, RB Offset, Power Level, Power Limit, and various Frequency/Power Limit combinations. Includes sub-sections for Channel 55940-55950 and 55955-55965.



Band 48(Part 96)_Ant 9

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit. Includes sub-headers for Channel and Frequency (MHz).

Band 48(Part 96)_Ant 10

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit, Power Level, Tune-up limit. Includes sub-headers for Channel and Frequency (MHz).



Logo text or name, partially obscured.

Band 48(Part 96)_Ant 9

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (Freq), Power High Ch. (Freq), and various Tuning Up/Down (dBm) values. Includes sub-headers for Channel and Frequency (MHz).

Band 48(Part 96)_Ant 10

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch. (Freq), Power High Ch. (Freq), and various Tuning Up/Down (dBm) values. Includes sub-headers for Channel and Frequency (MHz).



Full Power/Default Value for WWAN ENDC

Table for Band 2_Ant 1 showing parameters for various frequencies and power levels.

Table for Band 2_Ant 2 showing parameters for various frequencies and power levels.

Table for Band 2_Ant 11 showing parameters for various frequencies and power levels.



ENDC Power for State 10

Table for Band 2_Ant 1: Columns include BIV (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-slot (sec), and MPR (dB). Rows list various frequencies and power levels for different modulation schemes.

Table for Band 2_Ant 2: Columns include BIV (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-slot (sec), and MPR (dB). Rows list various frequencies and power levels for different modulation schemes.

Table for Band 2_Ant 11: Columns include BIV (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-slot (sec), and MPR (dB). Rows list various frequencies and power levels for different modulation schemes.



Band 38_Ant 1

Table with columns: 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). Contains data for channels 37850, 38000, 38150 and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.

Band 38_Ant 2

Table with columns: 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). Contains data for channels 37850, 38000, 38150 and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.

Band 41_Ant 1

Table with columns: 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). Contains data for channels 39750, 40195, 40620, 41095, 41565 and various modulation schemes like QPSK, 16QAM, 64QAM, 256QAM.



ENDC Power for State 11

Table for Band 2_Ant 1. Columns include BWP (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different frequency bands and power levels.

Table for Band 2_Ant 2. Columns include BWP (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different frequency bands and power levels.

Table for Band 2_Ant 11. Columns include BWP (MHz), Modulation, RB Size, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different frequency bands and power levels.



ENDC Power for State 12

Table for Band 2_Ant 1. Columns include BWP ID, Modulation, RB Start, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-use (min), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different power classes and bandwidths.

Table for Band 2_Ant 2. Columns include BWP ID, Modulation, RB Start, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-use (min), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different power classes and bandwidths.

Table for Band 2_Ant 11. Columns include BWP ID, Modulation, RB Start, RB Offset, Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-use (min), and MPR (dB). Rows list various configurations for OFDM, SC-FDMA, and FD-MIMO across different power classes and bandwidths.



ENDC Power for State 13&14

Table with columns: Band 2_Ant 1, Channel, Frequency (MHz), Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), LMR (dB), LMR (dB). Contains 100 rows of data for various channels and power levels.

Table with columns: Band 2_Ant 2, Channel, Frequency (MHz), Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), LMR (dB), LMR (dB). Contains 100 rows of data for various channels and power levels.

Table with columns: Band 2_Ant 11, Channel, Frequency (MHz), Power (Ch/Freq), Power (Ch/Freq), Power (Ch/Freq), Time-avg (dBm), LMR (dB), LMR (dB). Contains 100 rows of data for various channels and power levels.



Band 5_Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F/Freq (W)	Power Ch./F/Freq (W)	Power Ch./F/Freq (W)	Time-slot (min)	MFR (dB)	MFR (dB)	
Channel Frequency (MHz)										
10	QPSK	1	0	24.47	24.51	24.58	20	0		
10	QPSK	1	26	23.88	23.94	24.01				
10	QPSK	1	49	24.47	24.58	24.64				
10	QPSK	25	0	23.53	23.60	23.67				
10	QPSK	25	12	23.69	23.76	23.83				
10	QPSK	25	25	23.58	23.63	23.71			25	1
10	QPSK	50	0	23.59	23.66	23.68				
10	QPSK	50	16	23.66	23.73	23.78				
10	QPSK	50	31	23.57	23.64	23.69			25	1
10	QPSK	1	49	23.59	24.02	24.09				
10	QPSK	26	0	23.86	23.91	23.97				
10	QPSK	50	0	22.65	22.60	22.71			24	2
10	QPSK	50	12	22.63	22.60	22.79				
10	QPSK	50	24	22.63	22.69	22.78				
10	QPSK	1	49	22.78	22.83	22.93			24	2
10	QPSK	25	0	22.71	22.74	22.83				
10	QPSK	1	25	22.72	22.83	22.85				
10	QPSK	1	49	22.78	22.83	22.93				
10	QPSK	25	0	21.85	21.81	21.70				
10	QPSK	25	12	21.87	21.83	21.71			23	3
10	QPSK	25	25	21.88	21.88	21.74				
10	QPSK	1	49	21.81	21.87	21.70				
10	ZSMBQAM	1	0	19.82	19.83	19.84			21	5
10	ZSMBQAM	1	26	19.81	19.84	19.82				
10	ZSMBQAM	1	49	19.88	19.80	19.81				
10	ZSMBQAM	25	0	19.77	19.86	19.83				
10	ZSMBQAM	25	12	19.88	19.92	19.85				
10	ZSMBQAM	25	25	19.88	19.86	19.88			21	5
10	ZSMBQAM	50	0	19.84	19.87	19.86				
Channel Frequency (MHz)										
5	QPSK	1	0	24.41	24.45	24.50	20	0		
5	QPSK	1	26	24.41	24.43	24.50				
5	QPSK	1	49	24.40	24.48	24.52				
5	QPSK	12	0	23.41	23.47	23.58				
5	QPSK	12	13	23.48	23.53	23.64			25	1
5	QPSK	25	0	23.48	23.53	23.58				
5	QPSK	25	12	23.61	23.62	23.65			25	1
5	QPSK	25	24	23.76	23.84	23.90				
5	QPSK	1	49	23.62	23.61	23.62			24	2
5	QPSK	12	0	22.51	22.52	22.56			24	2
5	QPSK	12	12	22.52	22.52	22.56				
5	QPSK	12	24	22.52	22.54	22.56				
5	QPSK	1	49	22.52	22.54	22.56				
5	QPSK	12	7	21.50	21.58	21.68			25	3
5	QPSK	12	18	21.52	21.57	21.65				
5	QPSK	25	0	21.50	21.54	21.58				
5	QPSK	25	12	21.58	21.61	21.73			21	5
5	QPSK	25	24	21.58	21.62	21.73				
5	ZSMBQAM	1	0	19.82	19.80	19.81			21	5
5	ZSMBQAM	1	26	19.82	19.81	19.82				
5	ZSMBQAM	12	0	19.85	19.85	19.80				
5	ZSMBQAM	12	13	19.85	19.85	19.80				
5	ZSMBQAM	50	0	19.83	19.83	19.80				
Channel Frequency (MHz)										
3	QPSK	1	0	24.41	24.48	24.50	20	0		
3	QPSK	1	26	24.47	24.48	24.50				
3	QPSK	1	49	24.36	24.47	24.61				
3	QPSK	8	0	23.54	23.52	23.60				
3	QPSK	8	4	23.67	23.64	23.67				
3	QPSK	8	7	23.51	23.61	23.71			25	1
3	QPSK	15	0	23.69	23.67	23.62				
3	QPSK	15	7	23.67	23.67	23.65				
3	QPSK	1	49	23.50	23.59	24.14			25	1
3	QPSK	1	14	23.74	23.63	23.69				
3	QPSK	1	26	22.62	22.77	22.87				
3	QPSK	1	49	22.63	22.72	22.78			24	2
3	QPSK	8	7	22.59	22.68	22.82				
3	QPSK	15	0	22.65	22.60	22.69				
3	QPSK	1	49	22.62	22.65	22.66			24	2
3	QPSK	1	14	22.77	22.81	22.85				
3	QPSK	8	0	21.58	21.55	21.70				
3	QPSK	8	4	21.68	21.67	21.72			23	3
3	QPSK	8	7	21.54	21.65	21.78				
3	QPSK	15	0	21.50	21.62	21.68				
3	ZSMBQAM	1	0	19.80	19.80	19.77			21	5
3	ZSMBQAM	1	8	20.05	19.98	19.77				
3	ZSMBQAM	1	14	20.04	19.90	19.02				
3	ZSMBQAM	8	0	19.88	19.90	19.78				
3	ZSMBQAM	8	4	20.11	19.81	19.03			21	5
3	ZSMBQAM	8	7	19.80	19.87	19.80				
3	ZSMBQAM	15	0	19.84	19.86	19.86				
Channel Frequency (MHz)										
1.4	QPSK	1	0	24.46	24.49	24.60	20	0		
1.4	QPSK	1	3	24.49	24.53	24.63				
1.4	QPSK	1	5	24.44	24.53	24.63				
1.4	QPSK	3	0	24.46	24.54	24.60				
1.4	QPSK	3	3	24.49	24.55	24.64				
1.4	QPSK	3	3	24.49	24.57	24.60			25	1
1.4	QPSK	8	0	23.49	23.57	23.68				
1.4	QPSK	8	3	23.81	24.00	24.00				
1.4	QPSK	1	49	23.91	24.08	24.08			25	1
1.4	QPSK	1	5	23.84	23.87	24.02				
1.4	QPSK	3	0	23.84	23.86	23.94				
1.4	QPSK	3	3	23.89	23.87	23.87				
1.4	QPSK	3	3	23.89	23.84	23.84				
1.4	QPSK	6	0	22.52	22.68	22.77			24	2
1.4	QPSK	6	3	22.88	22.81	22.88				
1.4	QPSK	1	49	22.68	22.82	22.85			24	2
1.4	QPSK	3	0	22.54	22.77	22.82				
1.4	QPSK	3	3	22.54	22.61	22.84				
1.4	QPSK	3	3	22.59	22.68	22.78				
1.4	QPSK	6	0	21.53	21.58	21.74			23	3
1.4	QPSK	6	3	21.81	21.84	21.90				
1.4	ZSMBQAM	1	0	19.81	19.82	19.80				
1.4	ZSMBQAM	1	3	20.13	20.03	19.87				
1.4	ZSMBQAM	1	5	19.89	19.99	20.11			21	5
1.4	ZSMBQAM	3	0	19.74	19.84	19.92				
1.4	ZSMBQAM	3	3	19.80	19.92	19.78				
1.4	ZSMBQAM	6	0	19.87	19.82	19.86			21	5

Band 5_Ant 2										
BW (MHz)	Modulation	RB Size	RB Offset	Power Ch./F/Freq (W)	Power Ch./F/Freq (W)	Power Ch./F/Freq (W)	Time-slot (min)	MFR (dB)	MFR (dB)	
Channel Frequency (MHz)										
10	QPSK	1	0	24.47	24.51	24.58	20	0		
10	QPSK	1	26	23.88	23.94	24.01				
10	QPSK	1	49	24.47	24.58	24.64				
10	QPSK	25	0	23.53	23.60	23.67				
10	QPSK	25	12	23.69	23.76	23.83				
10	QPSK	25	24	23.58	23.63	23.71			25	1
10	QPSK	50	0	23.59	23.66	23.68				
10	QPSK	50	16	23.66	23.73	23.78				
10	QPSK	50	31	23.57	23.64	23.69			25	1
10	QPSK	1	49	23.59	24.02	24.09				
10	QPSK	26	0	23.86	23.91	23.97				
10	QPSK	50	0	22.65	22.60	22.71			24	2
10	QPSK	50	12	22.63	22.60	22.79				
10	QPSK	50	24	22.63	22.69	22.78				
10	QPSK	1	49	22.78	22.83	22.93			24	2
10	QPSK	25	0	22.71	22.74	22.83				
10	QPSK	1	25	22.72	22.83	22.85				
10	QPSK	1	49	22.78	22.83	22.93				
10	QPSK	25	0	21.85	21.81	21.70				
10	QPSK	25	12	21.87	21.83	21.71			23	3
10	QPSK	25	25	21.88	21.88	21.74				



Band 7_Ant 11										
BYP (MHz)	Modulation	RB Size	RB Offset	Power			Time slot (min)	MFR (dB)	MFR (dB)	
				Ch./Freq.	Ch./Freq.	Ch./Freq.				
Channel										
Frequency (MHz)										
30	OFDM	1	0	22.22	22.79	22.81	24.5	0		
30	OFDM	1	48	22.86	22.95	23.00				
30	OFDM	1	96	22.95	23.03	23.05				
30	OFDM	50	0	21.93	22.03	22.01				
30	OFDM	50	24	21.93	22.06	22.00				
30	OFDM	50	30	21.88	22.05	22.01	23.5	1		
30	OFDM	100	0	21.97	22.08	22.08				
30	ISDM	1	0	22.22	22.26	22.26	23.5	1		
30	ISDM	1	48	22.23	22.21	22.42				
30	ISDM	1	96	22.21	22.22	22.24				
30	ISDM	50	0	20.87	21.06	21.06	22.5	2		
30	ISDM	50	24	20.98	21.14	21.10				
30	ISDM	50	30	20.97	21.07	21.04				
30	BAGIAM	1	0	20.84	21.05	21.01	23.5	2		
30	BAGIAM	1	48	21.18	21.13	21.23				
30	BAGIAM	50	0	19.83	20.07	20.11				
30	BAGIAM	50	24	20.04	20.16	20.13	21.5	3		
30	BAGIAM	100	0	19.88	20.08	20.05				
30	BAGIAM	100	0	19.83	19.18	18.13				
30	BAGIAM	1	48	18.68	18.05	18.02	19.5	5		
30	BAGIAM	1	96	18.02	17.80	17.86				
30	BAGIAM	50	0	17.81	17.92	17.86				
30	BAGIAM	50	24	17.77	17.98	17.82	19.5	5		
30	BAGIAM	50	30	17.82	17.81	17.86				
30	BAGIAM	100	0	17.82	17.85	17.86				
Channel										
Frequency (MHz)										
15	OFDM	1	0	22.84	22.98	22.84	24.5	0		
15	OFDM	1	48	22.95	23.03	23.05				
15	OFDM	1	96	23.02	23.08	23.08				
15	OFDM	25	0	21.89	22.08	22.08				
15	OFDM	25	24	21.84	22.18	22.18				
15	OFDM	25	30	21.85	22.07	22.07	23.5	1		
15	OFDM	75	0	21.87	22.14	22.13				
15	ISDM	1	48	18.08	18.05	18.02	23.5	1		
15	ISDM	1	74	22.21	22.29	22.30				
15	ISDM	36	0	21.28	22.25	22.25				
15	ISDM	36	24	21.01	21.17	21.15	22.5	2		
15	ISDM	36	30	21.00	21.08	21.09				
15	ISDM	1	0	21.12	21.12	21.17	23.5	2		
15	BAGIAM	1	37	21.24	21.26	21.20				
15	BAGIAM	25	0	20.85	20.85	20.85	21.5	3		
15	BAGIAM	25	24	20.89	20.11	20.11				
15	BAGIAM	25	30	20.81	20.18	20.18				
15	BAGIAM	75	0	19.98	20.17	20.16				
15	BAGIAM	1	0	18.05	18.01	18.09	19.5	5		
15	BAGIAM	1	37	18.03	17.88	17.82				
15	BAGIAM	1	74	18.01	17.89	17.82				
15	BAGIAM	50	0	17.86	17.99	17.82	19.5	5		
15	BAGIAM	50	24	17.82	17.82	17.84				
15	BAGIAM	50	30	17.80	17.82	17.84				
15	BAGIAM	75	0	17.81	17.86	17.86				
Channel										
Frequency (MHz)										
15	OFDM	1	0	22.82	22.93	22.84	24.5	0		
15	OFDM	1	48	22.94	23.02	23.06				
15	OFDM	1	96	23.02	23.02	23.06				
15	OFDM	25	0	21.86	22.05	22.04				
15	OFDM	25	24	21.89	22.10	22.11				
15	OFDM	25	30	21.81	22.03	22.01	23.5	1		
15	OFDM	50	0	21.96	22.09	22.08				
15	ISDM	1	0	22.02	22.04	22.08	23.5	1		
15	ISDM	1	24	22.07	22.06	22.43				
15	ISDM	1	48	22.43	22.47	22.37				
15	ISDM	1	96	22.09	22.08	22.07	23.5	1		
15	ISDM	12	0	20.93	21.05	21.04	23.5	1		
15	ISDM	12	7	20.94	21.12	21.17	23.5	2		
15	ISDM	12	18	20.88	21.09	21.14				
15	ISDM	25	0	20.96	21.05	21.07	23.5	2		
15	ISDM	1	0	21.15	21.17	21.16	23.5	2		
15	ISDM	1	14	21.03	21.26	21.24				
15	BAGIAM	25	0	19.98	20.09	20.07	21.5	3		
15	BAGIAM	25	24	20.86	20.05	20.12				
15	BAGIAM	25	30	20.81	20.05	20.14				
15	BAGIAM	75	0	19.83	19.88	19.79	19.5	5		
15	BAGIAM	1	25	18.15	17.92	17.99				
15	BAGIAM	1	48	18.13	17.87	17.80				
15	BAGIAM	25	0	17.84	17.78	17.79	19.5	5		
15	BAGIAM	25	12	17.75	17.93	17.81				
15	BAGIAM	25	23	17.89	17.91	17.87				
15	BAGIAM	50	0	17.81	17.85	17.79				
Channel										
Frequency (MHz)										
5	OFDM	1	0	22.81	22.92	22.92	24.5	0		
5	OFDM	1	12	22.94	23.04	23.04				
5	OFDM	1	24	23.00	23.05	23.01				
5	OFDM	12	0	21.87	21.96	22.00				
5	OFDM	12	7	21.81	22.08	22.10	23.5	1		
5	OFDM	12	13	21.93	22.02	22.12				
5	OFDM	25	0	21.86	22.03	22.05				
5	ISDM	1	12	22.23	22.24	22.48	23.5	1		
5	ISDM	1	24	22.23	22.27	22.38				
5	ISDM	12	0	20.93	21.05	21.04	23.5	1		
5	ISDM	12	7	20.94	21.12	21.17	23.5	2		
5	ISDM	12	18	20.88	21.09	21.14				
5	ISDM	25	0	20.96	21.05	21.07	23.5	2		
5	BAGIAM	1	24	21.20	21.20	21.31	23.5	2		
5	BAGIAM	12	0	19.95	20.03	20.05	21.5	3		
5	BAGIAM	12	13	19.98	20.09	20.15				
5	BAGIAM	25	0	19.89	20.07	20.05				
5	BAGIAM	1	0	18.15	18.04	17.90	19.5	5		
5	BAGIAM	1	12	18.07	17.96	18.04				
5	BAGIAM	1	24	17.88	17.89	17.88				
5	BAGIAM	12	0	17.81	17.80	18.02	19.5	5		
5	BAGIAM	12	13	17.82	17.72	17.80				
5	BAGIAM	25	0	17.86	17.89	17.80				

Band 12_Ant 0										
BYP (MHz)	Modulation	RB Size	RB Offset	Power			Time slot (min)	MFR (dB)	MFR (dB)	
				Ch./Freq.	Ch./Freq.	Ch./Freq.				
Channel										
Frequency (MHz)										
10	OFDM	1	0	24.29	24.07	24.13	26	0		
10	OFDM	1	24	24.16	24.21	24.28				
10	OFDM	1	48	24.13	24.21	24.26				
10	OFDM	25	0	23.18	23.17	23.23				
10	OFDM	25	12	23.26	23.20	23.26	25	1		
10	OFDM	25	24	23.25	23.29	23.30				
10	OFDM	50	0	23.26	23.28	23.38				
10	ISDM	1	0	24.26	24.03	24.03	25	1		
10	ISDM	1	24	24.09	24.04	24.03				
10	ISDM	1	48	23.71	23.70	23.70				
10	ISDM	25	0	23.20	23.20	23.20	24	2		
10	ISDM	25	12	23.20	23.21	23.21				
10	ISDM	25	24	23.28	23.30	23.40				
10	ISDM	50	0	23.28	23.30	23.38				
10	BAGIAM	1	0	23.30	23.32	23.42	24	2		
10	BAGIAM	1	24	23.44	23.47	23.50				
10	BAGIAM	25	0	21.16	21.21	21.24	23	3		
10	BAGIAM	25	12	21.27	21.30	21.29				
10	BAGIAM	25	24	21.28	21.30	21.38				
10	BAGIAM	50	0	21.26	21.29	21.38				
10	BAGIAM	1	0	19.24	19.31	19.30	21	5		
10	BAGIAM	1	24	19.03	19.03	19.01				
10	BAGIAM	1	48	19.42	19.48	19.27				
10	BAGIAM	25	0	19.48	19.38	19.37	21	5		
10	BAGIAM	25	12	19.28	19.40	19.38				
10	BAGIAM	25	24	19.38	19.44	19.46				
10	BAGIAM	50	0	19.42	19.38	19.48				
Channel										
Frequency (MHz)										
5	OFDM	1	0	24.15	24.13	24.28	26	0		
5	OFDM	1	12	24.17	24.17	24.29				
5	OFDM	1	24	24.20	24.23	24.30				
5	OFDM	12	0	23.16	23.18	23.28				
5	OFDM	12	7	23.22	23.18	23.28	25	1		
5	OFDM	12	13	23.32	23.24	23.30				
5	OFDM	25	0	23.22	23.24	23.38				
5	ISDM	1	0	24.26	24.03	24.03	25	1		
5	ISDM	1	24	24.06	24.05	24.06				
5	ISDM	1	48	23.69	23.63	23.74				
5	ISDM	12	0	23.18	23.25	23.31	24	2		
5	ISDM	12	7	23.22	23.30	23.41				
5	ISDM	12	13	23.26	23.26	23.41				
5	ISDM	25	0	23.27	23.28	23.42	24	2		
5	ISDM	25	12	23.27	23.28	23.42				
5	ISDM	25	24	23.37	23.44	23.60				
5	ISDM	50	0	23.30	23.31	23.46				
5	ISDM	1	0	21.19	21.23	21.38	23	3		
5	ISDM	1	12	21.26	21.32	21.41				
5	ISDM</									



Band 30_Ant 2										
RR BWP	Mobility	RB Size	RB Offset	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)
Channel Frequency (MHz)			Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)	
18	QPSK	1	5		22.11			23	0	
18	QPSK	1	25		22.94					
18	QPSK	1	45		22.71					
18	QPSK	25	5		25.59					
18	QPSK	25	12		26.97					
18	QPSK	25	25		27.15			21	1	
18	QPSK	50	5		27.06					
18	QPSK	50	12		27.68					
18	QPSK	50	25		27.05			22	1	
18	QPSK	1	45		21.96					
18	QPSK	25	12		21.88					
18	QPSK	25	25		20.19			21	2	
18	QPSK	50	25		20.03					
18	QPSK	1	45		20.30					
18	QPSK	1	25		19.91			21	2	
18	QPSK	1	45		20.06					
18	QPSK	25	12		18.95					
18	QPSK	25	25		18.88			20	3	
18	QPSK	50	25		18.18					
18	QPSK	1	0		18.03					
18	QPSK	1	0		18.07			18	5	
18	QPSK	25	12		18.05					
18	QPSK	25	25		17.43					
18	QPSK	50	25		18.84			18	5	
18	QPSK	12	7		17.97					
18	QPSK	25	25		17.11					
18	QPSK	50	25		17.04					
Channel										
Frequency (MHz)										
18	QPSK	1	0	2267.5	2310	2312.5				
18	QPSK	1	25	22.01	21.97	21.91				
18	QPSK	1	45	22.07	22.146	22.103				
18	QPSK	25	5	20.40	20.90	20.77				
18	QPSK	25	12	20.25	20.28	20.29				
18	QPSK	25	25	21.03	21.16	21.14				
18	QPSK	50	5	20.81	20.90	20.85				
18	QPSK	50	12	21.50	21.26	21.55				
18	QPSK	50	25	21.00	20.96	20.96				
18	QPSK	1	0	19.85	19.79	19.73				
18	QPSK	1	25	19.81	19.76	19.71				
18	QPSK	1	45	19.83	19.82	19.81				
18	QPSK	25	5	19.01	19.03	19.00				
18	QPSK	25	12	18.97	18.99	18.96				
18	QPSK	25	25	18.85	18.88	18.81				
18	QPSK	50	5	18.29	18.31	18.31				
18	QPSK	50	12	18.07	18.10	18.06				
18	QPSK	50	25	18.48	18.49	18.46				
18	QPSK	1	0	18.04	18.02	18.01				
18	QPSK	1	25	18.20	18.24	18.21				
18	QPSK	1	45	18.04	18.03	18.02				
18	QPSK	25	5	17.98	17.96	17.95				
18	QPSK	25	12	17.92	17.94	17.93				
18	QPSK	25	25	17.80	17.84	17.84				
18	QPSK	50	5	17.86	17.88	17.88				

Band 66_Ant 1										
RR BWP	Mobility	RB Size	RB Offset	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)
Channel Frequency (MHz)			Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)	
20	QPSK	1	5		22.65	22.77	22.72			
20	QPSK	1	25		22.38	22.51	22.47			
20	QPSK	1	45		22.26	22.21	22.17			
20	QPSK	25	5		21.40	21.30	21.25			
20	QPSK	25	12		21.27	21.23	21.21			
20	QPSK	25	25		21.45	21.32	21.28			
20	QPSK	50	5		21.81	21.72	21.63			
20	QPSK	50	12		21.83	21.75	21.68			
20	QPSK	50	25		21.58	21.53	21.45			
20	QPSK	1	45		20.84	20.84	20.82			
20	QPSK	25	25		20.51	20.50	20.45			
20	QPSK	50	25		20.49	20.33	20.28			
20	QPSK	1	0		20.36	20.35	20.32			
20	QPSK	1	25		20.87	20.85	20.82			
20	QPSK	1	45		20.68	20.68	20.68			
20	QPSK	25	5		19.85	19.28	19.28			
20	QPSK	25	12		19.39	19.29	19.28			
20	QPSK	25	25		19.45	19.33	19.31			
20	QPSK	50	5		17.41	17.35	17.19			
20	QPSK	50	12		17.04	17.02	17.02			
20	QPSK	50	25		17.43	17.21	17.21			
20	QPSK	1	0		17.42	17.32	17.20			
20	QPSK	1	25		17.42	17.27	17.28			
20	QPSK	1	45		17.37	17.18	17.27			
20	QPSK	25	5		17.47	17.28	17.34			
20	QPSK	25	12		17.40	17.28	17.28			
20	QPSK	25	25		17.40	17.28	17.28			
Channel										
Frequency (MHz)										
20	QPSK	1	0	1717.5	1745	1772.5				
20	QPSK	1	25	22.37	22.33	22.32				
20	QPSK	1	45	22.19	22.16	22.14				
20	QPSK	25	5	22.19	22.10	22.10				
20	QPSK	25	12	21.52	21.24	21.22				
20	QPSK	25	25	21.36	21.37	21.36				
20	QPSK	50	5	21.22	21.21	21.21				
20	QPSK	50	12	21.41	21.12	21.24				
20	QPSK	50	25	21.72	21.62	21.62				
20	QPSK	1	25	21.83	21.58	21.58				
20	QPSK	1	45	21.56	21.38	21.39				
20	QPSK	1	0	20.84	20.83	20.82				
20	QPSK	25	5	20.36	20.30	20.34				
20	QPSK	25	12	20.27	20.28	20.28				
20	QPSK	25	25	20.36	20.27	20.27				
20	QPSK	50	5	20.20	20.17	20.15				
20	QPSK	50	12	19.34	19.14	19.16				
20	QPSK	50	25	19.39	19.19	19.24				
20	QPSK	1	0	19.24	19.15	19.07				
20	QPSK	1	25	19.38	19.20	19.27				
20	QPSK	1	45	19.28	19.20	19.27				
20	QPSK	25	5	17.50	17.30	17.38				
20	QPSK	25	12	17.50	17.41	17.39				
20	QPSK	25	25	17.49	17.42	17.41				
20	QPSK	50	5	17.28	17.18	17.21				
Channel										
Frequency (MHz)										
20	QPSK	1	0	1715	1745	1775				
20	QPSK	1	25	22.32	22.21	22.12				
20	QPSK	1	45	22.18	22.12	22.12				
20	QPSK	25	5	21.21	21.16	21.13				
20	QPSK	25	12	21.21	21.16	21.23				
20	QPSK	25	25	21.20	21.25	21.25				
20	QPSK	50	5	21.57	21.28	21.07				
20	QPSK	50	12	21.04	21.03	21.03				
20	QPSK	50	25	21.83	21.63	21.63				
20	QPSK	1	25	21.40	21.38	21.39				
20	QPSK	1	45	21.40	21.38	21.39				
20	QPSK	25	5	20.30	20.19	20.20				
20	QPSK	25	12	20.33	20.20	20.21				
20	QPSK	25	25	20.30	20.34	20.31				
20	QPSK	50	5	20.49	20.42	20.48				
20	QPSK	50	12	20.49	20.42	20.48				
20	QPSK	50	25	20.62	20.48	20.48				
20	QPSK	1	0	19.25	19.19	19.21				
20	QPSK	1	25	19.31	19.15	19.12				
20	QPSK	1	45	19.41	19.28	19.29				
20	QPSK	25	5	18.20	18.15	18.12				
20	QPSK	25	12	18.31	18.15	18.12				
20	QPSK	25	25	18.41	18.28	18.29				
20	QPSK	50	5	17.29	17.21	17.37				
20	QPSK	50	12	17.21	17.07	17.09				
20	QPSK	50	25	17.35	17.12	17.17				
20	QPSK	1	0	17.35	17.12	17.17				
20	QPSK	1	25	17.33	17.14	17.31				
20	QPSK	1	45	17.38	17.16	17.31				

Band 66_Ant 2										
RR BWP	Mobility	RB Size	RB Offset	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)
Channel Frequency (MHz)			Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Power Ch. Freq	Time-slot (ms)	MFR (dB)	MR (dB)	
20	QPSK	1	5		24.51	24.45	24.43			
20	QPSK	1	25		24.28	24.35	24.36			
20	QPSK	1	45		24.39	24.35	24.43			
20	QPSK	25	5		23.48	23.43	23.51			
20	QPSK	25	12		23.36	23.31	23.29			
20	QPSK	25	25		23.51	23.45	23.53			
20	QPSK	50	5		23.53	23.48	23.55			
20	QPSK	50	12		23.36	23.31	23.29			
20	QPSK	50	25		24.01	23.95	23.98			
20	QPSK	1	25		23.88	23.88	23.71			
20	QPSK	1	45		23.52	23.45	23.43			
20	QPSK	25	25		23.58	23.51	23.57			
20	QPSK	50	25		23.52	23.47	23.56			
20	QPSK	1	0		23.02	23.02	23.03			
20	QPSK	1	25		23.52	23.37	23.72			
20	QPSK	1	45		23.49	23.45	23.60			
20	QPSK	25	5		21.46	21.43	21.52			
20	QPSK	25	12		21.56					



Band 38_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel							37850	38000	38150
Frequency (MHz)							2575	2595	2615
20	QPSK	1	0	22.41	22.80	23.10			
20	QPSK	1	49	25.06	25.20	25.22	24	0	
20	QPSK	1	99	22.77	22.95	22.89			
20	QPSK	50	0	21.82	21.93	21.96			
20	QPSK	50	24	21.87	21.96	21.98			
20	QPSK	50	50	21.81	21.98	21.93	23	1	
20	QPSK	100	0	21.85	21.92	22.01			
20	16QAM	1	0	21.46	21.78	21.80	23	1	
20	16QAM	1	49	21.93	22.12	21.64			
20	16QAM	1	99	21.76	21.90	21.82			
20	16QAM	50	0	20.85	20.87	21.04			
20	16QAM	50	24	21.01	21.08	20.99			
20	16QAM	50	50	20.99	21.04	20.92	22	2	
20	16QAM	100	0	20.94	20.94	20.97			
20	64QAM	1	0	21.58	21.61	21.65			
20	64QAM	1	49	20.87	21.23	21.13	22	2	
20	64QAM	1	99	21.02	21.19	21.04			
20	64QAM	50	0	19.92	19.98	20.06			
20	64QAM	50	24	20.00	20.11	20.12	21	3	
20	64QAM	50	50	20.08	20.21	20.08			
20	64QAM	100	0	19.97	19.94	20.02			
20	256QAM	1	0	17.88	17.96	18.05			
20	256QAM	1	49	17.96	18.03	18.06	19	5	
20	256QAM	1	99	18.15	18.25	18.06			
20	256QAM	50	0	17.83	17.86	18.11			
20	256QAM	50	24	18.01	18.20	18.18			
20	256QAM	50	50	18.03	18.15	18.01	19	5	
20	256QAM	100	0	17.99	17.91	17.97			
Channel							37925	38000	38175
Frequency (MHz)							2677.5	2692.5	2707.5
15	QPSK	1	0	22.45	22.61	22.75			
15	QPSK	1	37	22.76	22.76	22.97	24	0	
15	QPSK	1	74	22.71	22.75	22.69			
15	QPSK	36	0	21.85	21.94	21.95			
15	QPSK	36	20	21.74	21.84	21.87			
15	QPSK	36	39	21.70	21.90	21.73	23	1	
15	16QAM	1	0	21.71	21.72	21.85			
15	16QAM	1	37	21.41	21.43	21.45	23	1	
15	16QAM	1	74	21.73	21.99	21.46			
15	16QAM	1	37	21.70	21.80	21.81			
15	16QAM	36	0	20.73	20.85	20.93			
15	16QAM	36	20	20.82	20.98	20.98			
15	16QAM	36	39	20.81	20.88	20.87	22	2	
15	16QAM	75	0	20.77	20.86	20.87			
15	64QAM	1	0	21.53	21.43	21.64			
15	64QAM	1	37	19.91	20.19	20.08	22	2	
15	64QAM	1	74	20.98	21.04	20.91			
15	64QAM	36	0	19.75	19.92	20.02			
15	64QAM	36	20	19.92	20.06	20.06			
15	64QAM	75	0	19.86	19.85	19.83	21	3	
15	256QAM	1	0	17.71	17.86	17.92			
15	256QAM	1	37	17.81	17.85	18.05	19	5	
15	256QAM	1	74	18.01	18.19	18.09			
15	256QAM	36	0	17.79	17.70	18.05			
15	256QAM	36	20	17.88	18.16	18.04			
15	256QAM	36	39	18.00	17.97	17.86	19	5	
15	256QAM	75	0	17.78	17.88	17.86			
Channel							37975	38000	38225
Frequency (MHz)							2675	2695	2615
10	QPSK	1	0	22.55	22.62	22.68			
10	QPSK	1	25	22.89	22.80	22.79	24	0	
10	QPSK	1	50	22.82	22.94	22.92			
10	QPSK	25	0	21.76	21.82	21.81			
10	QPSK	25	12	21.77	21.89	21.91			
10	QPSK	25	25	21.83	21.84	21.84	23	1	
10	QPSK	60	0	21.78	21.84	21.84			
10	16QAM	1	0	21.44	21.59	21.57			
10	16QAM	1	25	21.78	21.94	21.61	23	1	
10	16QAM	1	49	21.75	21.87	21.85			
10	16QAM	25	0	20.89	20.98	20.99			
10	16QAM	25	12	20.96	20.98	20.85			
10	16QAM	50	0	20.92	21.02	20.88			
10	16QAM	50	0	20.71	20.87	20.94			
10	16QAM	25	0	20.46	20.46	20.46			
10	64QAM	1	25	20.87	21.12	21.07	22	2	
10	64QAM	1	49	21.00	21.11	20.83			
10	64QAM	25	0	19.81	19.80	19.88			
10	64QAM	25	12	19.95	19.99	19.97			
10	64QAM	50	0	20.06	20.10	20.00	21	3	
10	64QAM	50	0	19.96	19.78	19.88			
10	256QAM	1	0	17.74	17.85	18.00			
10	256QAM	1	25	17.86	17.97	17.91	19	5	
10	256QAM	1	49	18.04	18.22	17.94			
10	256QAM	25	0	17.66	17.70	17.97			
10	256QAM	25	12	17.82	18.01	18.08			
10	256QAM	25	25	17.96	18.13	17.96	19	5	
10	256QAM	50	0	17.99	17.81	17.84			
Channel							37775	38000	38225
Frequency (MHz)							2672.5	2695	2617.5
5	QPSK	1	0	22.46	22.61	22.64			
5	QPSK	1	12	22.74	22.95	22.89	24	0	
5	QPSK	1	24	22.76	22.76	22.70			
5	QPSK	12	0	21.88	21.75	21.76			
5	QPSK	12	7	21.87	21.83	21.90			
5	QPSK	12	13	21.75	21.85	21.91	23	1	
5	QPSK	25	0	21.75	21.74	21.87			
5	16QAM	1	0	21.42	21.68	21.61			
5	16QAM	1	12	21.83	21.69	21.61	23	1	
5	16QAM	1	24	21.57	21.86	21.63			
5	16QAM	12	0	20.74	20.69	21.01			
5	16QAM	12	7	20.82	21.02	20.97			
5	16QAM	12	13	20.88	20.88	20.81	22	2	
5	16QAM	25	0	20.87	20.77	20.89			
5	64QAM	1	0	21.44	21.46	21.52			
5	64QAM	1	12	20.84	21.04	21.03	22	2	
5	64QAM	1	24	20.82	21.19	21.00			
5	64QAM	12	0	19.86	19.93	19.98			
5	64QAM	12	7	20.00	19.91	20.08			
5	64QAM	12	13	19.95	20.01	19.90	21	3	
5	64QAM	25	0	19.78	19.75	20.02			
5	256QAM	1	0	17.74	17.86	17.99			
5	256QAM	1	12	17.81	18.01	17.94	19	5	
5	256QAM	1	24	18.12	18.10	17.88			
5	256QAM	12	0	17.83	17.74	17.96			
5	256QAM	12	7	17.86	18.15	18.11			
5	256QAM	12	13	18.02	18.00	17.89	19	5	
5	256QAM	25	0	17.87	17.86	17.83			

Band 38_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							37850	38000	38150
Frequency (MHz)							2575	2595	2610
20	QPSK	1	0	24.88	24.98	25.03			
20	QPSK	1	49	25.06	25.20	25.22	26	0	
20	QPSK	1	99	25.02	25.12	25.18			
20	QPSK	50	0	23.88	24.09	24.22			
20	QPSK	50	24	24.07	24.24	24.28			
20	QPSK	50	50	24.13	24.20	24.27	25	1	
20	QPSK	100	0	24.06	24.13	24.17			
20	18QAM	1	0	23.74	23.90	24.27	25	1	
20	18QAM	1	49	24.83	24.24	24.10			
20	18QAM	1	99	24.27	24.10	24.23			
20	18QAM	50	0	22.88	23.13	23.20			
20	18QAM	50	24	23.12	23.16	23.27			
20	18QAM	50	50	23.13	23.16	23.27	24	2	
20	64QAM	1	0	22.92	23.12	23.24			
20	64QAM	1	49	23.21	22.81	23.54	24	2	
20	64QAM	1	99	23.32	23.33	22.96			
20	64QAM	50	0	21.98	22.13	22.08			
20	64QAM	50	24	22.13	22.24	22.27	23	3	
20	64QAM	50	50	22.12	22.27	22.26			
20	64QAM	100	0	19.97	19.98	20.03			
20	256QAM	1	0	19.72	19.82	19.97			
20	256QAM	1	49	19.74	19.88	19.87	21	5	
20	256QAM	1	99	19.78	19.91	19.87			
20	256QAM	50	0	19.73	19.86	20.07			
20	256QAM	50	24	19.81	19.88	19.80			



Band 41_Ant 2

Channel	Frequency (MHz)	39750	40185	40620	41055	41490		
Channel		39750	40185	40620	41055	41490		
Frequency (MHz)		39750	40185	40620	41055	41490		
20	QPSK	1	0	24.76	24.93	25.07	25.15	24.63
20	QPSK	1	49	24.82	24.97	25.12	25.23	25.24
20	QPSK	1	99	24.75	24.94	25.10	24.98	24.96
20	QPSK	50	0	23.82	23.91	24.02	24.07	24.08
20	QPSK	50	24	23.91	24.00	24.11	24.15	24.16
20	QPSK	50	50	23.89	23.96	24.20	24.18	24.17
20	QPSK	100	0	23.84	23.99	24.13	24.19	24.21
20	16QAM	1	0	23.75	23.92	24.34	24.14	23.89
20	16QAM	1	49	23.72	23.92	23.98	24.22	24.29
20	16QAM	1	99	23.64	24.08	24.07	23.88	23.85
20	16QAM	50	0	22.78	22.88	23.06	23.15	23.06
20	16QAM	50	24	22.85	23.05	23.13	23.28	23.18
20	16QAM	50	50	22.85	23.02	23.15	23.17	23.28
20	16QAM	100	0	22.89	22.98	23.09	23.16	23.19
20	64QAM	1	0	22.63	22.63	22.98	22.90	22.73
20	64QAM	1	49	23.01	22.80	23.07	23.22	23.27
20	64QAM	1	99	22.71	23.32	23.98	22.78	23.48
20	64QAM	50	0	21.75	21.92	22.10	22.14	22.15
20	64QAM	50	24	21.90	21.94	22.15	22.31	22.27
20	64QAM	50	50	21.89	22.07	22.12	22.20	22.20
20	64QAM	100	0	21.88	22.01	22.16	22.16	22.22
20	256QAM	1	0	19.41	19.64	19.95	19.89	19.52
20	256QAM	1	49	19.21	19.40	19.62	19.51	19.59
20	256QAM	1	99	19.45	19.61	19.75	19.50	19.54
20	256QAM	50	0	19.44	19.75	19.83	19.72	19.62
20	256QAM	50	24	19.17	19.38	19.68	19.53	19.68
20	256QAM	50	50	19.49	19.47	19.73	19.63	19.72
20	256QAM	100	0	19.36	19.58	19.65	19.63	19.67
Channel		39725	40173	40620	41058	41515		
Frequency (MHz)		39725	40173	40620	41058	41515		
15	QPSK	1	0	24.62	24.56	24.65	24.89	24.59
15	QPSK	1	37	24.61	24.72	24.79	25.15	25.03
15	QPSK	1	74	24.54	24.62	25.08	24.86	24.85
15	QPSK	36	0	23.64	23.62	23.83	23.97	23.98
15	QPSK	36	20	23.65	23.79	23.93	24.08	24.06
15	QPSK	36	39	23.67	23.76	23.95	23.97	23.99
15	QPSK	75	0	23.69	23.75	23.94	24.08	23.95
15	16QAM	1	0	23.64	23.69	23.87	23.88	23.82
15	16QAM	1	37	23.81	23.65	23.62	24.49	24.19
15	16QAM	1	74	23.74	23.78	23.58	23.76	24.11
15	16QAM	36	0	22.74	22.71	22.83	23.00	22.91
15	16QAM	36	20	22.66	22.76	22.82	23.06	23.05
15	16QAM	36	39	22.68	22.78	22.92	23.08	23.02
15	16QAM	75	0	22.71	22.81	22.87	22.97	23.02
15	64QAM	1	0	22.53	22.99	23.03	22.90	22.78
15	64QAM	1	37	22.84	22.96	22.93	22.78	22.78
15	64QAM	1	74	22.79	22.97	22.78	22.72	22.77
15	64QAM	36	0	21.66	21.63	21.81	21.95	21.86
15	64QAM	36	20	21.69	21.88	21.88	22.07	22.03
15	64QAM	36	39	21.72	21.68	21.89	22.10	21.88
15	64QAM	75	0	21.68	21.81	21.91	21.90	21.86
15	256QAM	1	0	19.29	19.51	19.49	19.84	19.24
15	256QAM	1	37	19.55	19.51	19.53	19.84	19.44
15	256QAM	1	74	19.27	19.52	19.72	19.78	19.53
15	256QAM	36	0	19.33	19.45	19.61	19.81	19.69
15	256QAM	36	20	19.23	19.38	19.73	19.65	19.81
15	256QAM	36	39	19.54	19.58	19.80	19.60	19.86
15	256QAM	75	0	19.43	19.61	19.61	19.61	19.64
Channel		39703	40163	40620	41063	41520		
Frequency (MHz)		39703	40163	40620	41063	41520		
10	QPSK	1	0	24.54	24.81	24.95	24.68	24.82
10	QPSK	1	25	24.78	24.88	24.96	25.02	25.17
10	QPSK	1	49	24.69	24.77	25.07	24.86	24.82
10	QPSK	25	0	23.74	23.70	23.94	24.02	24.08
10	QPSK	25	12	23.73	23.88	23.93	24.23	24.09
10	QPSK	25	25	23.76	23.84	24.02	24.17	23.95
10	QPSK	50	0	23.77	23.90	23.98	24.10	24.01
10	16QAM	1	0	23.91	23.95	23.82	23.86	23.57
10	16QAM	1	25	23.47	23.73	24.20	24.21	23.62
10	16QAM	1	49	23.69	23.72	23.92	23.78	24.05
10	16QAM	25	0	22.82	23.75	23.92	23.99	23.87
10	16QAM	25	12	22.78	22.80	22.85	23.20	23.13
10	16QAM	25	25	22.63	22.81	23.10	23.09	23.02
10	16QAM	50	0	22.77	22.84	22.97	23.16	23.03
10	64QAM	1	0	22.58	22.80	22.80	22.81	22.82
10	64QAM	1	25	22.92	22.86	22.42	23.04	23.00
10	64QAM	1	49	23.03	22.82	22.81	22.93	22.58
10	64QAM	25	0	21.78	21.71	21.91	22.04	22.06
10	64QAM	25	12	21.70	21.90	22.06	22.24	22.13
10	64QAM	25	25	21.65	21.85	22.07	22.11	21.93
10	64QAM	50	0	21.72	21.83	22.12	22.10	21.86
10	256QAM	1	0	19.32	19.59	19.72	19.65	19.25
10	256QAM	1	25	19.51	19.60	19.70	19.48	19.44
10	256QAM	1	49	19.08	19.64	19.60	19.65	19.49
10	256QAM	25	0	19.49	19.63	19.54	19.77	19.49
10	256QAM	25	12	19.34	19.49	19.50	19.33	19.70
10	256QAM	25	25	19.64	19.33	19.69	19.20	19.81
10	256QAM	50	0	19.58	19.54	19.86	19.63	19.86
Channel		39678	40148	40620	41063	41565		
Frequency (MHz)		39678	40148	40620	41063	41565		
5	QPSK	1	0	24.81	24.89	24.91	25.18	25.06
5	QPSK	1	12	24.86	24.99	25.08	25.21	25.12
5	QPSK	1	24	24.84	25.02	25.11	25.18	25.06
5	QPSK	12	0	23.82	23.89	24.03	24.21	24.20
5	QPSK	12	7	23.81	24.06	24.12	24.38	24.21
5	QPSK	12	13	23.76	23.86	24.00	24.20	24.21
5	QPSK	25	0	23.86	23.94	24.15	24.32	24.15
5	16QAM	1	0	23.69	23.68	23.70	24.27	24.13
5	16QAM	1	12	24.07	23.80	24.36	24.05	24.18
5	16QAM	1	24	23.78	24.21	23.99	24.05	24.12
5	16QAM	12	0	22.82	22.98	23.09	23.21	23.23
5	16QAM	12	7	22.81	22.94	23.18	23.24	23.19
5	16QAM	12	13	22.80	22.90	23.05	23.11	23.13
5	16QAM	25	0	22.74	22.86	23.13	23.28	23.25
5	64QAM	1	0	22.78	22.66	22.94	22.98	22.86
5	64QAM	1	12	22.63	22.80	23.01	22.91	22.87
5	64QAM	1	24	22.63	22.74	23.07	23.08	22.96
5	64QAM	12	0	21.84	22.04	22.98	22.21	22.18
5	64QAM	12	7	21.90	21.78	22.17	22.25	22.24
5	64QAM	12	13	21.86	21.85	21.98	22.23	22.13
5	256QAM	25	0	19.85	19.96	22.10	22.26	22.14
5	256QAM	1	0	19.44	19.36	19.53	19.75	19.43
5	256QAM	1	12	19.36	19.42	19.68	19.78	19.54
5	256QAM	1	24	19.43	19.53	19.64	19.62	19.40
5	256QAM	12	0	19.33	19.40	19.50	19.63	19.50
5	256QAM	12	7	19.40	19.32	19.81	19.45	19.62
5	256QAM	12	13	19.74	19.40	19.67	19.47	19.62
5	256QAM	25	0	19.47	19.75	19.67	19.74	19.61



Full Power/Default Power for 5G NR ENDC

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1890	1900			
20	PV2 BPSK	1	1	24.39	24.52	24.37			
20	PV2 BPSK	1	53	24.24	24.48	24.16	26.0	0.0	
20	PV2 BPSK	1	104	24.38	24.38	24.08			
20	PV2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5	
20	PV2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0	
20	PV2 BPSK	50	56	24.23	24.46	24.05			
20	PV2 BPSK	100	0	24.18	24.47	24.20	25.5	0.5	
20	QPSK	1	1	24.28	24.49	24.41			
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0	
20	QPSK	1	104	24.45	24.43	24.13			
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07			
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0	
20	16QAM	1	1	24.46	24.47	24.49	25.0	1.0	
20	64QAM	1	1	22.92	22.97	22.99	23.5	2.5	
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1880	1902.5			
15	PV2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR	
Frequency (MHz)				1865	1890	1905			
10	PV2 BPSK	1	1	24.26	24.49	24.19	26.0	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR	
Frequency (MHz)				1862.5	1890	1907.5			
5	PV2 BPSK	1	1	24.30	24.45	24.26	26.0	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1890	1900			
20	PV2 BPSK	1	1	24.39	24.52	24.37			
20	PV2 BPSK	1	53	24.24	24.46	24.16	26.0	0.0	
20	PV2 BPSK	1	104	24.38	24.38	24.08			
20	PV2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5	
20	PV2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0	
20	PV2 BPSK	50	56	24.23	24.46	24.05			
20	PV2 BPSK	100	0	24.18	24.47	24.20	25.5	0.5	
20	QPSK	1	1	24.28	24.49	24.41			
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0	
20	QPSK	1	104	24.45	24.43	24.13			
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07			
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0	
20	16QAM	1	1	24.46	24.47	24.49	25.0	1.0	
20	64QAM	1	1	22.92	22.97	22.99	23.5	2.5	
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR	
Frequency (MHz)				1857.5	1880	1902.5			
15	PV2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR	
Frequency (MHz)				1865	1890	1905			
10	PV2 BPSK	1	1	24.26	24.49	24.19	26.0	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR	
Frequency (MHz)				1862.5	1890	1907.5			
5	PV2 BPSK	1	1	24.30	24.45	24.26	26.0	0.0	

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PV2 BPSK	1	1	24.32	24.41	24.26			
20	PV2 BPSK	1	53	24.15	24.12	24.06	26.0	0.0	
20	PV2 BPSK	1	104	24.03	24.10	24.03			
20	PV2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5	
20	PV2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0	
20	PV2 BPSK	50	56	24.15	24.09	24.06			
20	PV2 BPSK	100	0	24.26	24.28	24.16	25.5	0.5	
20	QPSK	1	1	24.38	24.36	24.30			
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0	
20	QPSK	1	104	24.11	24.13	24.10			
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0	
20	QPSK	50	56	24.16	24.10	24.08			
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0	
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0	
20	64QAM	1	1	22.95	22.99	22.92	23.5	2.5	
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5	
Channel				166900	167300	168300	tune-up limit (dBm)	MPR	
Frequency (MHz)				831.5	836.5	841.5			
15	PV2 BPSK	1	1	24.39	24.28	24.27	26.0	0.0	
Channel				166900	167300	168300	tune-up limit (dBm)	MPR	
Frequency (MHz)				829	836.5	841			
10	PV2 BPSK	1	1	24.33	24.19	24.24	26.0	0.0	
Channel				166900	167300	168300	tune-up limit (dBm)	MPR	
Frequency (MHz)				826.5	836.5	846.5			
5	PV2 BPSK	1	1	24.34	24.25	24.19	26.0	0.0	



n5_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	24.32	24.41	24.26		
20	PI2 BPSK	1	53	24.15	24.12	24.09	26.0	0.0
20	PI2 BPSK	1	104	24.03	24.10	24.03		
20	PI2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5
20	PI2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0
20	PI2 BPSK	50	56	24.15	24.06	24.06		
20	PI2 BPSK	100	0	24.26	24.26	24.16	25.5	0.5
20	QPSK	1	1	24.38	24.36	24.30		
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0
20	QPSK	1	104	24.11	24.13	24.10		
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0
20	QPSK	50	56	24.16	24.10	24.08		
20	QPSK	100	0	24.26	24.19	24.16	25.0	1.0
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0
20	64QAM	1	1	22.95	22.98	22.92	23.5	2.5
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5
Channel				166300	167300	168300	169300	170300
Frequency (MHz)				831.5	836.5	841.5		
15	PI2 BPSK	1	1	24.39	24.28	24.27	26.0	0.0
Channel				169800	167300	168800		
Frequency (MHz)				829	836.5	844		
10	PI2 BPSK	1	1	24.33	24.19	24.24	25.0	0.0
Channel				165300	167300	169300		
Frequency (MHz)				826.5	836.5	846.5		
5	PI2 BPSK	1	1	24.34	24.25	24.19	26.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	24.60	24.64	24.62		
40	PI2 BPSK	1	108	24.50	24.61	24.58	26.0	0.0
40	PI2 BPSK	1	214	24.59	24.60	24.59		
40	PI2 BPSK	108	0	24.55	24.51	24.38	25.5	0.5
40	PI2 BPSK	108	54	24.65	24.62	24.56	26.0	0.0
40	PI2 BPSK	108	108	24.58	24.53	24.52		
40	PI2 BPSK	216	0	24.46	24.54	24.38	25.5	0.5
40	QPSK	1	1	24.10	24.61	24.61		
40	QPSK	1	108	24.47	24.61	24.58	26.0	0.0
40	QPSK	1	214	24.44	24.63	24.62		
40	QPSK	108	0	24.47	24.49	24.46	25.0	1.0
40	QPSK	108	54	24.57	24.59	24.52	26.0	0.0
40	QPSK	108	108	24.45	24.47	24.36		
40	QPSK	216	0	24.17	24.11	24.26	25.0	1.0
40	16QAM	1	1	24.48	24.36	24.27	25.0	1.0
40	64QAM	1	1	22.97	22.98	22.80	23.5	2.5
40	256QAM	1	1	20.98	20.97	20.75	21.5	4.5
Channel				503000	507000	511000	515000	519000
Frequency (MHz)				2515	2535	2555		
30	PI2 BPSK	1	1	24.53	24.59	24.58	26.0	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	PI2 BPSK	1	1	24.47	24.59	24.50	25.0	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	PI2 BPSK	1	1	24.50	24.64	24.57	26.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	PI2 BPSK	1	1	24.46	24.61	24.53	25.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	PI2 BPSK	1	1	24.43	24.58	24.52	26.0	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	24.60	24.64	24.62		
40	PI2 BPSK	1	108	24.50	24.61	24.58	26.0	0.0
40	PI2 BPSK	1	214	24.59	24.60	24.59		
40	PI2 BPSK	108	0	24.55	24.51	24.38	25.5	0.5
40	PI2 BPSK	108	54	24.60	24.62	24.56	26.0	0.0
40	PI2 BPSK	108	108	24.58	24.56	24.52		
40	PI2 BPSK	216	0	24.46	24.54	24.38	25.5	0.5
40	QPSK	1	1	24.10	24.61	24.61		
40	QPSK	1	108	24.47	24.61	24.58	26.0	0.0
40	QPSK	1	214	24.44	24.63	24.63		
40	QPSK	108	0	24.47	24.49	24.46	25.0	1.0
40	QPSK	108	54	24.57	24.59	24.52	26.0	0.0
40	QPSK	108	108	24.45	24.47	24.36		
40	QPSK	216	0	24.17	24.11	24.26	25.0	1.0
40	16QAM	1	1	24.48	24.36	24.27	25.0	1.0
40	64QAM	1	1	22.97	22.98	22.80	23.5	2.5
40	256QAM	1	1	20.98	20.97	20.75	21.5	4.5
Channel				503000	507000	511000	515000	519000
Frequency (MHz)				2515	2535	2555		
30	PI2 BPSK	1	1	24.53	24.59	24.58	26.0	0.0
Channel				502500	507000	511500		
Frequency (MHz)				2512.5	2535	2557.5		
25	PI2 BPSK	1	1	24.47	24.59	24.50	25.0	0.0
Channel				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0
Channel				501500	507000	512500		
Frequency (MHz)				2507.5	2535	2562.5		
15	PI2 BPSK	1	1	24.50	24.64	24.57	26.0	0.0
Channel				501000	507000	513000		
Frequency (MHz)				2505	2535	2565		
10	PI2 BPSK	1	1	24.46	24.61	24.53	25.0	0.0
Channel				500500	507000	513500		
Frequency (MHz)				2502.5	2535	2567.5		
5	PI2 BPSK	1	1	24.43	24.58	24.52	26.0	0.0

**n66_Ant 1**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	25.01	24.95	24.90		
40	PI2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0
40	PI2 BPSK	1	214	24.86	24.92	24.86		
40	PI2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5
40	PI2 BPSK	108	54	24.97	24.98	24.94	26.0	0.0
40	PI2 BPSK	108	108	24.86	24.97	24.86		
40	PI2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5
40	QPSK	1	1	24.98	24.89	24.95		
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0
40	QPSK	1	214	24.94	24.86	24.84		
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0
40	QPSK	108	108	24.47	24.44	24.45	25.0	1.0
40	QPSK	216	0	24.41	24.46	24.35		
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI2 BPSK	1	1	24.92	24.85	24.84	25.0	0.0
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0

n66_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	25.01	24.95	24.90		
40	PI2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0
40	PI2 BPSK	1	214	24.86	24.92	24.86		
40	PI2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5
40	PI2 BPSK	108	54	24.97	24.98	24.94	26.0	0.0
40	PI2 BPSK	108	108	24.86	24.97	24.86		
40	PI2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5
40	QPSK	1	1	24.98	24.89	24.95		
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0
40	QPSK	1	214	24.94	24.86	24.84		
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0
40	QPSK	108	108	24.47	24.44	24.45	25.0	1.0
40	QPSK	216	0	24.41	24.46	24.35		
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI2 BPSK	1	1	24.92	24.85	24.84	25.0	0.0
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0

n71_Ant 0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				673	680.5	688		
20	PI2 BPSK	1	1	24.58	24.67	24.64		
20	PI2 BPSK	1	53	24.55	24.66	24.62	26.0	0.0
20	PI2 BPSK	1	104	24.54	24.15	24.05		
20	PI2 BPSK	108	0	24.52	24.64	24.21	25.5	0.5
20	PI2 BPSK	50	28	24.57	24.65	24.25	26.0	0.0
20	PI2 BPSK	50	56	24.50	24.34	23.96		
20	PI2 BPSK	100	0	24.61	24.62	24.10	25.5	0.5
20	QPSK	1	1	24.55	24.63	24.65		
20	QPSK	1	53	24.62	24.65	24.05	26.0	0.0
20	QPSK	1	104	24.58	24.13	24.07		
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0
20	QPSK	50	56	24.19	23.78	23.67		
20	QPSK	100	0	24.15	24.07	23.59	25.0	1.0
20	16QAM	1	1	24.25	24.38	24.44	25.0	1.0
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5
Channel				134100	136100	138100	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0
Channel				133600	136100	138600	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				669	680.5	692		
10	PI2 BPSK	1	1	24.47	24.55	24.44	26.0	0.0
Channel				133100	136100	139100	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	PI2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0



n71_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				134600	139100	137600		
Frequency (MHz)				673	690.5	698		
20	Pl2 BPSK	1	1	24.53	24.67	24.64	26.0	0.0
20	Pl2 BPSK	1	53	24.55	24.66	24.02		
20	Pl2 BPSK	1	104	24.54	24.15	24.05		
20	Pl2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5
20	Pl2 BPSK	50	28	24.57	24.65	24.35	26.0	0.0
20	Pl2 BPSK	50	56	24.50	24.34	23.66	25.5	0.5
20	Pl2 BPSK	100	0	24.51	24.62	24.10		
20	QPSK	1	1	24.55	24.63	24.65	26.0	0.0
20	QPSK	1	53	24.62	24.65	24.05		
20	QPSK	1	104	24.58	24.13	24.07		
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0
20	QPSK	50	56	24.19	23.78	23.67	25.0	1.0
20	QPSK	100	0	24.15	24.07	23.59		
20	16QAM	1	1	24.25	24.36	24.44	25.0	1.0
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5
Channel				134100	136100	138100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	Pl2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0
Channel				133600	136100	138600	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	690.5	693		
10	Pl2 BPSK	1	1	24.47	24.59	24.44	25.0	0.0
Channel				133100	136100	139100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	Pl2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0



Part270_n77_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	24.91	24.85	24.79			
100	PV2 BPSK	1	137	24.90	24.81	24.72	26.0	0.0	
100	PV2 BPSK	1	271	24.76	24.83	24.73			
100	PV2 BPSK	135	0	24.40	24.75	24.68	26.0	0.0	
100	PV2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0	
100	PV2 BPSK	135	138	24.76	24.78	24.74	26.0	0.0	
100	PV2 BPSK	270	0	24.87	24.82	24.73			
100	QPSK	1	1	24.89	24.81	24.69			
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0	
100	QPSK	1	271	24.77	24.83	24.78			
100	QPSK	135	0	24.68	24.75	24.63			
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0	
100	QPSK	135	138	24.74	24.72	24.70			
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0	
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0	
100	16QAM	1	1	24.06	24.02	24.01	25.0	1.0	
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0	
Channel				659988	650000	662332	limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	PV2 BPSK	1	1	24.85	24.83	24.61	26.0	0.0	
Channel				649334	659000	662666	turn-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)	
80	PV2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0	
Channel				649000	659000	663000	turn-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	PV2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0	
Channel				648668	659000	663332	turn-up	MPR	
Frequency (MHz)				3730.02	3840	3949.98	limit	(dB)	
60	PV2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0	
Channel				648334	659000	663666	turn-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)	
50	PV2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0	
Channel				648000	659000	664000	turn-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	PV2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0	
Channel				647668	659000	664332	turn-up	MPR	
Frequency (MHz)				3715.02	3840	3964.98	limit	(dB)	
30	PV2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0	
Channel				647334	659000	664666	turn-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)	
20	PV2 BPSK	1	1	24.78	24.60	24.55	26.0	0.0	
Channel				647168	659000	664932	turn-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)	
15	PV2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0	
Channel				647000	659000	665000	turn-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	PV2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0	

Part270_n77_Ant 8									
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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	24.91	24.85	24.79			
100	PV2 BPSK	1	137	24.90	24.81	24.72	26.0	0.0	
100	PV2 BPSK	1	271	24.76	24.83	24.73			
100	PV2 BPSK	135	0	24.40	24.75	24.68	26.0	0.0	
100	PV2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0	
100	PV2 BPSK	135	138	24.76	24.78	24.74	26.0	0.0	
100	PV2 BPSK	270	0	24.87	24.82	24.73			
100	QPSK	1	1	24.89	24.81	24.69			
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0	
100	QPSK	1	271	24.77	24.83	24.78			
100	QPSK	135	0	24.68	24.75	24.63			
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0	
100	QPSK	135	138	24.74	24.72	24.70			
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0	
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0	
100	16QAM	1	1	24.06	24.02	24.01	25.0	1.0	
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0	
Channel				659988	650000	662332	limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	PV2 BPSK	1	1	24.85	24.83	24.61	26.0	0.0	
Channel				649334	659000	662666	turn-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)	
80	PV2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0	
Channel				649000	659000	663000	turn-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	PV2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0	
Channel				648668	659000	663332	turn-up	MPR	
Frequency (MHz)				3730.02	3840	3949.98	limit	(dB)	
60	PV2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0	
Channel				648334	659000	663666	turn-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)	
50	PV2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0	
Channel				648000	659000	664000	turn-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	PV2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0	
Channel				647668	659000	664332	turn-up	MPR	
Frequency (MHz)				3715.02	3840	3964.98	limit	(dB)	
30	PV2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0	
Channel				647334	659000	664666	turn-up	MPR	
Frequency (MHz)				3710.01	3840	3969.99	limit	(dB)	
20	PV2 BPSK	1	1	24.78	24.60	24.55	26.0	0.0	
Channel				647168	659000	664932	turn-up	MPR	
Frequency (MHz)				3707.52	3840	3972.48	limit	(dB)	
15	PV2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0	
Channel				647000	659000	665000	turn-up	MPR	
Frequency (MHz)				3705	3840	3975	limit	(dB)	
10	PV2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0	

Part270_n77_Ant 9									
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				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PV2 BPSK	1	1	24.91	24.85	24.79			
100	PV2 BPSK	1	137	24.90	24.81	24.72	26.0	0.0	
100	PV2 BPSK	1	271	24.76	24.83	24.73			
100	PV2 BPSK	135	0	24.40	24.75	24.68	26.0	0.0	
100	PV2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0	
100	PV2 BPSK	135	138	24.76	24.78	24.74	26.0	0.0	
100	PV2 BPSK	270	0	24.87	24.82	24.73			
100	QPSK	1	1	24.89	24.81	24.69			
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0	
100	QPSK	1	271	24.77	24.83	24.78			
100	QPSK	135	0	24.68	24.75	24.63			
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0	
100	QPSK	135	138	24.74	24.72	24.70			
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0	
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0	
100	16QAM	1	1	24.06	24.02	24.01	25.0	1.0	
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0	
Channel				659988	650000	662332	limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	limit	(dB)	
90	PV2 BPSK	1	1	24.85	24.83	24.61	26.0	0.0	
Channel				649334	659000	662666	turn-up	MPR	
Frequency (MHz)				3740.01	3840	3939.99	limit	(dB)	
80	PV2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0	
Channel				649000	659000	663000	turn-up	MPR	
Frequency (MHz)				3735	3840	3945	limit	(dB)	
70	PV2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0	
Channel				648668	659000	663332	turn-up	MPR	
Frequency (MHz)				3730.02	3840	3949.98	limit	(dB)	
60	PV2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0	
Channel				648334	659000	663666	turn-up	MPR	
Frequency (MHz)				3725.01	3840	3954.99	limit	(dB)	
50	PV2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0	
Channel				648000	659000	664000	turn-up	MPR	
Frequency (MHz)				3720	3840	3960	limit	(dB)	
40	PV2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0	
Channel				647668	659000	664332	turn-up	MPR	
Frequency (MHz)				3715.02	3840	3964.98	limit	(dB)	
30	PV2 BPSK	1	1	24.80	24.58	24.54	26.0		



Part270_n77_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750 3840 3930									
100	Pi2 BPSK	1	1	24.91	24.95	24.79			
100	Pi2 BPSK	1	137	24.90	24.81	24.72	26.0	0.0	
100	Pi2 BPSK	1	271	24.76	24.83	24.73			
100	Pi2 BPSK	135	0	24.40	24.75	24.66	26.0	0.0	
100	Pi2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0	
100	Pi2 BPSK	135	138	24.76	24.78	24.74			
100	Pi2 BPSK	270	0	24.87	24.82	24.73	26.0	0.0	
100	QPSK	1	1	24.89	24.81	24.69			
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0	
100	QPSK	1	271	24.77	24.83	24.76			
100	QPSK	135	0	24.66	24.75	24.63			
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0	
100	QPSK	135	138	24.74	24.72	24.70			
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0	
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0	
100	64QAM	1	1	24.06	24.02	24.01	25.0	1.0	
100	256QAM	1	1	21.98	21.87	21.78	23.0	3.0	
Channel									
Frequency (MHz)									
3745.02 3840 3934.98									
90	Pi2 BPSK	1	1	24.85	24.83	24.81			
Channel									
Frequency (MHz)									
3740.01 3840 3929.99									
80	Pi2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
3735 3840 3945									
70	Pi2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0	
Channel									
Frequency (MHz)									
3730.02 3840 3949.98									
60	Pi2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0	
Channel									
Frequency (MHz)									
3725.01 3840 3954.98									
50	Pi2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0	
Channel									
Frequency (MHz)									
3720 3750 3780									
40	Pi2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0	
Channel									
Frequency (MHz)									
3715.02 3840 3954.98									
30	Pi2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0	
Channel									
Frequency (MHz)									
3710.01 3840 3959.99									
20	Pi2 BPSK	1	1	24.78	24.60	24.55	26.0	0.0	
Channel									
Frequency (MHz)									
3707.52 3840 3992.48									
15	Pi2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0	
Channel									
Frequency (MHz)									
3705 3840 3975									
10	Pi2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0	

Part270_n78_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	Pi2 BPSK	1	1		24.86				
100	Pi2 BPSK	1	137	24.70		24.80	26.0	0.0	
100	Pi2 BPSK	1	271	24.60		24.90			
100	Pi2 BPSK	135	0	24.69		24.89	26.0	0.0	
100	Pi2 BPSK	135	69	24.88		24.83	26.0	0.0	
100	Pi2 BPSK	135	138	24.47		24.47			
100	Pi2 BPSK	270	0	24.81		24.81	26.0	0.0	
100	QPSK	1	1	24.81		24.81			
100	QPSK	1	137	24.73		24.73	26.0	0.0	
100	QPSK	1	271	24.60		24.67			
100	QPSK	135	0	24.67		24.67			
100	QPSK	135	69	24.57		24.57	26.0	0.0	
100	QPSK	135	138	24.44		24.44			
100	QPSK	270	0	24.66		24.66	26.0	0.0	
100	16QAM	1	1	24.71		24.71	26.0	0.0	
100	64QAM	1	1	24.67		24.67	25.0	1.0	
100	256QAM	1	1	21.88		21.88	23.0	3.0	
Channel									
Frequency (MHz)									
3745.02 3750 3754.98									
90	Pi2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
80	Pi2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
3735 3750 3765									
70	Pi2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
3730.02 3750 3769.98									
60	Pi2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3725.01 3750 3774.99									
50	Pi2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
3720 3750 3780									
40	Pi2 BPSK	1	1	24.84	24.78	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
3715.02 3750 3784.98									
30	Pi2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3710.01 3750 3789.99									
20	Pi2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
3707.52 3750 3792.48									
15	Pi2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
3705 3750 3795									
10	Pi2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	

Part270_n78_Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
3750									
100	Pi2 BPSK	1	1		24.86				
100	Pi2 BPSK	1	137	24.70		24.80	26.0	0.0	
100	Pi2 BPSK	1	271	24.60		24.90			
100	Pi2 BPSK	135	0	24.69		24.89	26.0	0.0	
100	Pi2 BPSK	135	69	24.88		24.83	26.0	0.0	
100	Pi2 BPSK	135	138	24.47		24.47			
100	Pi2 BPSK	270	0	24.81		24.81	26.0	0.0	
100	QPSK	1	1	24.81		24.81			
100	QPSK	1	137	24.73		24.73	26.0	0.0	
100	QPSK	1	271	24.60		24.67			
100	QPSK	135	0	24.67		24.67			
100	QPSK	135	69	24.57		24.57	26.0	0.0	
100	QPSK	135	138	24.44		24.44			
100	QPSK	270	0	24.66		24.66	26.0	0.0	
100	16QAM	1	1	24.71		24.71	26.0	0.0	
100	64QAM	1	1	24.67		24.67	25.0	1.0	
100	256QAM	1	1	21.88		21.88	23.0	3.0	
Channel									
Frequency (MHz)									
3745.02 3750 3754.98									
90	Pi2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3740.01 3750 3759.99									
80	Pi2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
3735 3750 3765									
70	Pi2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
3730.02 3750 3769.98									
60	Pi2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3725.01 3750 3774.99									
50	Pi2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
3720 3750 3780									
40	Pi2 BPSK	1	1	24.84	24.78	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
3715.02 3750 3784.98									
30	Pi2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
3710.01 3750 3789.99									
20	Pi2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
3707.52 3750 3792.48									
15	Pi2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
3705 3750 3795									
10	Pi2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	



Part270_n78_Ant 9									
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)									
100	PI2 BPSK	1	1		24.96				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47				
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67				
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44				
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	

Part270_n78_Ant 10									
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)									
100	PI2 BPSK	1	1		24.80				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47				
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67				
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44				
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	



ENDC Power for State 10

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	24.39	24.52	24.37			
20	PI2 BPSK	1	53	24.24	24.48	24.18	26.0	0.0	
20	PI2 BPSK	1	104	24.38	24.38	24.08			
20	PI2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5	
20	PI2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0	
20	PI2 BPSK	50	56	24.23	24.46	24.05	25.5	0.5	
20	PI2 BPSK	100	0	24.18	24.47	24.20			
20	QPSK	1	1	24.28	24.49	24.41			
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0	
20	QPSK	1	104	24.45	24.43	24.13			
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0	
20	QPSK	100	0	24.19	24.47	24.20			
20	16QAM	1	1	24.46	24.47	24.49	25.0	1.0	
20	64QAM	1	1	22.92	22.97	22.99	23.5	2.5	
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	24.26	24.49	24.19	26.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	24.30	24.45	24.28	26.0	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	21.40	21.51	21.38			
20	PI2 BPSK	1	53	21.24	21.38	21.30	23.0	0.0	
20	PI2 BPSK	1	104	21.26	21.41	21.19			
20	PI2 BPSK	50	0	21.19	21.40	21.22	23.0	0.0	
20	PI2 BPSK	50	28	21.37	21.45	21.32	23.0	0.0	
20	PI2 BPSK	50	56	21.34	21.37	21.30	23.0	0.0	
20	PI2 BPSK	100	0	21.25	21.35	21.15	23.0	0.0	
20	QPSK	1	1	21.42	21.47	21.48			
20	QPSK	1	53	21.28	21.42	21.21	23.0	0.0	
20	QPSK	1	104	21.23	21.45	21.18			
20	QPSK	50	0	21.49	21.42	21.46	23.0	0.0	
20	QPSK	50	28	21.39	21.39	21.41	23.0	0.0	
20	QPSK	50	56	21.10	21.34	21.15	23.0	0.0	
20	QPSK	100	0	21.15	21.38	21.26	23.0	0.0	
20	16QAM	1	1	21.10	21.29	21.35	23.0	0.0	
20	64QAM	1	1	21.36	21.42	21.41	23.0	0.0	
20	256QAM	1	1	20.22	20.39	20.23	21.5	1.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	21.07	21.46	21.20	23.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	21.02	21.28	21.36	23.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	21.10	21.15	21.39	23.0	0.0	

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	24.32	24.41	24.28			
20	PI2 BPSK	1	53	24.15	24.12	24.09	26.0	0.0	
20	PI2 BPSK	1	104	24.03	24.10	24.03			
20	PI2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5	
20	PI2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0	
20	PI2 BPSK	50	56	24.15	24.09	24.06	25.5	0.5	
20	PI2 BPSK	100	0	24.26	24.28	24.16			
20	QPSK	1	1	24.38	24.36	24.30			
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0	
20	QPSK	1	104	24.11	24.13	24.10			
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0	
20	QPSK	50	56	24.16	24.10	24.08	25.0	1.0	
20	QPSK	100	0	24.28	24.19	24.16			
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0	
20	64QAM	1	1	22.95	22.99	22.92	23.5	2.5	
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	24.39	24.28	24.27	26.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI2 BPSK	1	1	24.33	24.19	24.24	26.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI2 BPSK	1	1	24.34	24.25	24.19	26.0	0.0	



n5_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				16800	16700	16700			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	22.39	22.42	22.22			
20	PI2 BPSK	1	53	22.21	22.11	22.06	24.0	0.0	
20	PI2 BPSK	1	104	22.14	22.02	22.15			
20	PI2 BPSK	50	0	22.19	22.21	22.13	24.0	0.0	
20	PI2 BPSK	50	28	22.20	22.22	22.17	24.0	0.0	
20	PI2 BPSK	50	56	22.14	22.08	22.10			
20	PI2 BPSK	100	0	22.11	22.17	22.13	24.0	0.0	
20	QPSK	1	1	22.22	22.35	22.13			
20	QPSK	1	53	22.04	22.10	22.17	24.0	0.0	
20	QPSK	1	104	22.03	22.09	22.09			
20	QPSK	50	0	22.06	22.24	22.16	24.0	0.0	
20	QPSK	50	28	22.18	22.11	22.08	24.0	0.0	
20	QPSK	50	56	22.04	22.08	22.12			
20	QPSK	100	0	22.08	22.20	22.23	24.0	0.0	
20	16QAM	1	1	22.41	22.33	22.42	24.0	0.0	
20	64QAM	1	1	22.36	22.39	22.30	23.5	0.5	
20	256QAM	1	1	20.90	20.88	20.82	21.5	2.5	
Channel				168300	167300	168300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	22.20	22.16	22.14	24.0	0.0	
Channel				168800	167300	168800	tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				839	836.5	844			
10	PI2 BPSK	1	1	22.35	22.25	22.23	24.0	0.0	
Channel				169300	167300	169300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				836.5	836.5	846.5			
5	PI2 BPSK	1	1	22.33	22.16	22.12	24.0	0.0	

n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				50000	50700	51000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	24.50	24.64	24.62			
40	PI2 BPSK	1	108	24.50	24.61	24.58	26.0	0.0	
40	PI2 BPSK	1	214	24.59	24.60	24.59			
40	PI2 BPSK	108	0	24.55	24.51	24.38	25.5	0.5	
40	PI2 BPSK	108	54	24.65	24.62	24.58	26.0	0.0	
40	PI2 BPSK	108	108	24.58	24.53	24.52			
40	PI2 BPSK	216	0	24.46	24.54	24.38	25.5	0.5	
40	QPSK	1	1	24.10	24.61	24.61			
40	QPSK	1	108	24.47	24.61	24.58	26.0	0.0	
40	QPSK	1	214	24.44	24.49	24.46			
40	QPSK	108	0	24.47	24.49	24.46	25.0	1.0	
40	QPSK	108	54	24.57	24.59	24.52	26.0	0.0	
40	QPSK	108	108	24.45	24.47	24.36			
40	QPSK	216	0	24.17	24.11	24.26	25.0	1.0	
40	16QAM	1	1	24.48	24.36	24.27	25.0	1.0	
40	64QAM	1	1	22.97	22.98	22.80	23.5	2.5	
40	256QAM	1	1	20.96	20.97	20.75	21.5	4.5	
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	PI2 BPSK	1	1	24.53	24.59	24.58	26.0	0.0	
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	PI2 BPSK	1	1	24.47	24.59	24.50	25.0	0.0	
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0	
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI2 BPSK	1	1	24.50	24.64	24.67	26.0	0.0	
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	PI2 BPSK	1	1	24.46	24.61	24.53	25.0	0.0	
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI2 BPSK	1	1	24.43	24.58	24.52	26.0	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	16.91	16.95	16.92			
40	PI2 BPSK	1	108	16.84	16.88	16.79	18.5	0.0	
40	PI2 BPSK	1	214	16.90	16.84	16.90			
40	PI2 BPSK	108	0	16.77	16.87	16.85	18.5	0.0	
40	PI2 BPSK	108	54	16.88	16.93	16.90	18.5	0.0	
40	PI2 BPSK	108	108	16.85	16.86	16.81			
40	PI2 BPSK	216	0	16.88	16.90	16.85	18.5	0.0	
40	QPSK	1	1	16.83	16.91	16.82			
40	QPSK	1	108	16.94	16.91	16.93	18.5	0.0	
40	QPSK	1	214	16.93	16.94	16.87			
40	QPSK	108	0	16.90	16.93	16.84	18.5	0.0	
40	QPSK	108	54	16.89	16.88	16.91	18.5	0.0	
40	QPSK	108	108	16.80	16.94	16.85			
40	QPSK	216	0	16.93	16.89	16.90	18.5	0.0	
40	16QAM	1	1	16.93	16.89	16.82	18.5	0.0	
40	64QAM	1	1	16.92	16.93	16.94	18.5	0.0	
40	256QAM	1	1	16.88	16.92	16.88	18.5	0.0	
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	PI2 BPSK	1	1	16.82	16.91	16.85	18.5	0.0	
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	PI2 BPSK	1	1	16.91	16.91	16.93	18.5	0.0	
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	16.86	16.86	16.89	18.5	0.0	
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI2 BPSK	1	1	16.85	16.85	16.92	18.5	0.0	
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	PI2 BPSK	1	1	16.89	16.92	16.93	18.5	0.0	
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI2 BPSK	1	1	16.89	16.90	16.91	18.5	0.0	



n66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				349000	349000	350000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	25.01	24.95	24.90			
40	PV2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0	
40	PV2 BPSK	1	214	24.86	24.92	24.86			
40	PV2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5	
40	PV2 BPSK	108	54	24.97	24.88	24.94	26.0	0.0	
40	PV2 BPSK	108	108	24.86	24.87	24.86			
40	PV2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5	
40	QPSK	1	1	24.98	24.89	24.95			
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0	
40	QPSK	1	214	24.94	24.86	24.84			
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0	
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0	
40	QPSK	108	108	24.47	24.44	24.45	25.0	1.0	
40	QPSK	216	0	24.41	24.46	24.35			
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0	
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5	
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5	
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PV2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0	
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PV2 BPSK	1	1	24.92	24.85	24.84	26.0	0.0	
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PV2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0	
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PV2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	25.01	24.95	24.90			
40	PV2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0	
40	PV2 BPSK	1	214	24.86	24.92	24.86			
40	PV2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5	
40	PV2 BPSK	108	54	24.97	24.88	24.94	26.0	0.0	
40	PV2 BPSK	108	108	24.86	24.87	24.86			
40	PV2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5	
40	QPSK	1	1	24.98	24.89	24.95			
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0	
40	QPSK	1	214	24.94	24.86	24.84			
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0	
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0	
40	QPSK	108	108	24.47	24.44	24.45	25.0	1.0	
40	QPSK	216	0	24.41	24.46	24.35			
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0	
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5	
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5	
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PV2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0	
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PV2 BPSK	1	1	24.92	24.85	24.84	26.0	0.0	
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PV2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0	
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PV2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0	

n71_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				134600	136100	137600			
Frequency (MHz)				673	680.5	688			
20	PV2 BPSK	1	1	24.58	24.67	24.64			
20	PV2 BPSK	1	53	24.55	24.66	24.62	26.0	0.0	
20	PV2 BPSK	1	104	24.54	24.15	24.05			
20	PV2 BPSK	108	0	24.52	24.64	24.21	25.5	0.5	
20	PV2 BPSK	50	28	24.57	24.65	24.25	26.0	0.0	
20	PV2 BPSK	50	58	24.50	24.34	23.86			
20	PV2 BPSK	100	0	24.61	24.62	24.10	25.5	0.5	
20	QPSK	1	1	24.55	24.63	24.65			
20	QPSK	1	53	24.62	24.65	24.05	26.0	0.0	
20	QPSK	1	104	24.58	24.13	24.07			
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0	
20	QPSK	50	58	24.19	23.78	23.67			
20	QPSK	100	0	24.15	24.07	23.59	25.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	25.0	1.0	
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5	
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5	
Channel				134100	136100	138100	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5			
15	PV2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0	
Channel				133600	136100	138600	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				668	680.5	693			
10	PV2 BPSK	1	1	24.47	24.55	24.44	26.0	0.0	
Channel				133100	136100	139100	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5			
5	PV2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0	



n71_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				134000	139100	137000		
Frequency (MHz)				675	690.5	698		
20	Pl2 BPSK	1	1	24.53	24.67	24.64	26.0	0.0
20	Pl2 BPSK	1	53	24.55	24.66	24.02		
20	Pl2 BPSK	1	104	24.54	24.15	24.05		
20	Pl2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5
20	Pl2 BPSK	50	28	24.57	24.65	24.35	26.0	0.0
20	Pl2 BPSK	50	56	24.50	24.34	23.66	25.5	0.5
20	Pl2 BPSK	100	0	24.51	24.62	24.10		
20	QPSK	1	1	24.55	24.63	24.65	26.0	0.0
20	QPSK	1	53	24.62	24.65	24.05		
20	QPSK	1	104	24.58	24.13	24.07		
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0
20	QPSK	50	56	24.19	23.78	23.67	25.0	1.0
20	QPSK	100	0	24.15	24.07	23.59		
20	16QAM	1	1	24.25	24.36	24.44	25.0	1.0
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5
Channel				134100	136100	138100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	Pl2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0
Channel				133600	136100	138600	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	690.5	693		
10	Pl2 BPSK	1	1	24.47	24.59	24.44	26.0	0.0
Channel				133100	136100	139100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	Pl2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0



Part270_n77_Ant 7											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
				3750	3840	3930					
100	PV2 BPSK	1	1	18.81	18.85	18.97					
100	PV2 BPSK	1	137	18.46	18.48	18.50	20.0	0.0			
100	PV2 BPSK	1	271	18.37	18.47	18.54					
100	PV2 BPSK	135	0	18.63	18.46	18.45	20.0	0.0			
100	PV2 BPSK	135	69	18.66	18.63	18.58	20.0	0.0			
100	PV2 BPSK	135	138	18.37	18.39	18.47					
100	PV2 BPSK	270	0	18.64	18.61	18.55	20.0	0.0			
100	QPSK	1	1	18.61	18.55	18.54					
100	QPSK	1	137	18.58	18.52	18.58	20.0	0.0			
100	QPSK	1	271	18.49	18.52	18.53					
100	QPSK	135	0	18.59	18.55	18.59					
100	QPSK	135	69	18.52	18.51	18.54	20.0	0.0			
100	QPSK	135	138	18.34	18.42	18.33					
100	QPSK	270	0	18.45	18.49	18.58	20.0	0.0			
100	16QAM	1	1	18.71	18.77	18.53	20.0	0.0			
100	64QAM	1	1	18.57	18.67	18.64	20.0	0.0			
100	256QAM	1	1	18.44	18.50	18.59	20.0	0.0			
Channel											
Frequency (MHz)											
				3745.02	3840	3934.98	limit (dB)	MPR (dB)			
90	PV2 BPSK	1	1	18.69	18.47	18.49	20.0	0.0			
Channel											
Frequency (MHz)											
				649334	659000	662666	limit (dB)	MPR (dB)			
80	PV2 BPSK	1	1	18.55	18.47	18.50	20.0	0.0			
Channel											
Frequency (MHz)											
				649000	656000	663000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3735	3840	3945	limit (dB)	MPR (dB)			
70	PV2 BPSK	1	1	18.58	18.72	18.40	20.0	0.0			
Channel											
Frequency (MHz)											
				648668	659000	663332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3730.02	3840	3949.98	limit (dB)	MPR (dB)			
60	PV2 BPSK	1	1	18.67	18.74	18.33	20.0	0.0			
Channel											
Frequency (MHz)											
				648334	659000	663666	limit (dB)	MPR (dB)			
50	PV2 BPSK	1	1	18.71	18.53	18.39	20.0	0.0			
Channel											
Frequency (MHz)											
				648000	656000	664000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3720	3840	3960	limit (dB)	MPR (dB)			
40	PV2 BPSK	1	1	18.55	18.55	18.29	20.0	0.0			
Channel											
Frequency (MHz)											
				647668	659000	664332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3715.02	3840	3964.98	limit (dB)	MPR (dB)			
30	PV2 BPSK	1	1	18.57	18.68	18.40	20.0	0.0			
Channel											
Frequency (MHz)											
				647334	659000	664666	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3710.01	3840	3969.99	limit (dB)	MPR (dB)			
20	PV2 BPSK	1	1	18.64	18.49	18.51	20.0	0.0			
Channel											
Frequency (MHz)											
				647168	659000	664832	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3707.52	3840	3972.48	limit (dB)	MPR (dB)			
15	PV2 BPSK	1	1	18.55	18.72	18.56	20.0	0.0			
Channel											
Frequency (MHz)											
				647000	659000	665000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3705	3840	3975	limit (dB)	MPR (dB)			
10	PV2 BPSK	1	1	18.78	18.73	18.40	20.0	0.0			

Part270_n77_Ant 8											
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)											
				3750	3840	3930					
100	PV2 BPSK	1	1	21.85	21.90	21.73					
100	PV2 BPSK	1	137	21.69	21.71	21.69	23.0	0.0			
100	PV2 BPSK	1	271	21.66	21.70	21.64					
100	PV2 BPSK	135	0	21.58	21.64	21.61	23.0	0.0			
100	PV2 BPSK	135	69	21.83	21.81	21.69	23.0	0.0			
100	PV2 BPSK	135	138	21.71	21.65	21.66					
100	PV2 BPSK	270	0	21.81	21.80	21.65	23.0	0.0			
100	QPSK	1	1	21.77	21.67	21.57					
100	QPSK	1	137	21.68	21.71	21.56	23.0	0.0			
100	QPSK	1	271	21.61	21.65	21.79					
100	QPSK	135	0	21.50	21.64	21.61					
100	QPSK	135	69	21.75	21.66	21.60	23.0	0.0			
100	QPSK	135	138	21.53	21.65	21.60					
100	QPSK	270	0	21.62	21.61	21.57	23.0	0.0			
100	16QAM	1	1	21.70	21.72	21.65	23.0	0.0			
100	64QAM	1	1	21.73	21.78	21.77	23.0	0.0			
100	256QAM	1	1	21.56	21.63	21.60	23.0	0.0			
Channel											
Frequency (MHz)											
				648668	659000	663332	limit (dB)	MPR (dB)			
90	PV2 BPSK	1	1	21.88	21.75	21.59	23.0	0.0			
Channel											
Frequency (MHz)											
				649334	659000	662666	limit (dB)	MPR (dB)			
80	PV2 BPSK	1	1	21.69	21.78	21.48	23.0	0.0			
Channel											
Frequency (MHz)											
				649000	656000	663000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3735	3840	3945	limit (dB)	MPR (dB)			
70	PV2 BPSK	1	1	21.73	21.71	21.52	23.0	0.0			
Channel											
Frequency (MHz)											
				648668	659000	663332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3730.02	3840	3949.98	limit (dB)	MPR (dB)			
60	PV2 BPSK	1	1	21.75	21.74	21.50	23.0	0.0			
Channel											
Frequency (MHz)											
				648334	659000	663666	limit (dB)	MPR (dB)			
50	PV2 BPSK	1	1	21.76	21.77	21.67	23.0	0.0			
Channel											
Frequency (MHz)											
				648000	656000	664000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3720	3840	3960	limit (dB)	MPR (dB)			
40	PV2 BPSK	1	1	21.80	21.72	21.67	23.0	0.0			
Channel											
Frequency (MHz)											
				647668	659000	664332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3715.02	3840	3964.98	limit (dB)	MPR (dB)			
30	PV2 BPSK	1	1	21.75	21.72	21.54	23.0	0.0			
Channel											
Frequency (MHz)											
				647334	659000	664666	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3710.01	3840	3969.99	limit (dB)	MPR (dB)			
20	PV2 BPSK	1	1	21.79	21.75	21.67	23.0	0.0			
Channel											
Frequency (MHz)											
				647168	659000	664832	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3707.52	3840	3972.48	limit (dB)	MPR (dB)			
15	PV2 BPSK	1	1	21.73	21.71	21.50	23.0	0.0			
Channel											
Frequency (MHz)											
				647000	659000	665000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3705	3840	3975	limit (dB)	MPR (dB)			
10	PV2 BPSK	1	1	21.75	21.70	21.59	23.0	0.0			

Part270_n77_Ant 9											
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)											
				3750	3840	3930					
100	PV2 BPSK	1	1	24.91	24.85	24.79					
100	PV2 BPSK	1	137	24.90	24.81	24.72	26.0	0.0			
100	PV2 BPSK	1	271	24.76	24.83	24.73					
100	PV2 BPSK	135	0	24.40	24.75	24.66	26.0	0.0			
100	PV2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0			
100	PV2 BPSK	135	138	24.79	24.78	24.74					
100	PV2 BPSK	270	0	24.87	24.82	24.73	26.0	0.0			
100	QPSK	1	1	24.89	24.81	24.69					
100	QPSK	1	137	24.50	24.79	24.72	26.0	0.0			
100	QPSK	1	271	24.77	24.88	24.76					
100	QPSK	135	0	24.66	24.75	24.63					
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0			
100	QPSK	135	138	24.74	24.72	24.70					
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0			
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0			
100	64QAM	1	1	24.06	24.02	24.01	25.0	1.0			
100	256QAM	1	1	21.56	21.67	21.78	23.0	3.0			
Channel											
Frequency (MHz)											
				648668	659000	663332	limit (dB)	MPR (dB)			
90	PV2 BPSK	1	1	24.85	24.83	24.81	26.0	0.0			
Channel											
Frequency (MHz)											
				649334	659000	662666	limit (dB)	MPR (dB)			
80	PV2 BPSK	1	1	24.75	24.81	24.53	26.0	0.0			
Channel											
Frequency (MHz)											
				649000	659000	663000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3735	3840	3945	limit (dB)	MPR (dB)			
70	PV2 BPSK	1	1	24.83	24.58	24.55	26.0	0.0			
Channel											
Frequency (MHz)											
				648668	659000	663332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3730.02	3840	3949.98	limit (dB)	MPR (dB)			
60	PV2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0			
Channel											
Frequency (MHz)											
				648334	659000	663666	limit (dB)	MPR (dB)			
50	PV2 BPSK	1	1	24.77	24.89	24.51	26.0	0.0			
Channel											
Frequency (MHz)											
				648000	659000	664000	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3720	3840	3960	limit (dB)	MPR (dB)			
40	PV2 BPSK	1	1	24.75	24.52	24.54	26.0	0.0			
Channel											
Frequency (MHz)											
				647668	659000	664332	limit (dB)	MPR (dB)			
Channel											
Frequency (MHz)											
				3715.02	3840	3964.98	limit (dB)	MPR (dB)			
30	PV2 BPSK	1	1	24.80							



Part270_n77_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI2 BPSK	1	1	24.91	24.95	24.79			
100	PI2 BPSK	1	137	24.60	24.81	24.72	26.0	0.0	
100	PI2 BPSK	1	271	24.76	24.83	24.73			
100	PI2 BPSK	135	0	24.40	24.75	24.66	26.0	0.0	
100	PI2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0	
100	PI2 BPSK	135	138	24.76	24.78	24.74	26.0	0.0	
100	PI2 BPSK	270	0	24.87	24.82	24.73			
100	QPSK	1	1	24.89	24.81	24.69			
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0	
100	QPSK	1	271	24.77	24.83	24.78			
100	QPSK	135	0	24.66	24.75	24.63			
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0	
100	QPSK	135	138	24.74	24.72	24.70			
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0	
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0	
100	64QAM	1	1	24.06	24.02	24.01	26.0	1.0	
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0	
Channel				650000	650000	653300	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98			
90	PI2 BPSK	1	1	24.85	24.83	24.81	100%	limit (dBm)	MPR (dB)
Channel				649334	650000	650666	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99			
80	PI2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0	
Channel				649000	650000	651000	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945			
70	PI2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0	
Channel				648668	650000	651332	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3939.98			
60	PI2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0	
Channel				648334	650000	651666	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3934.98			
50	PI2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0	
Channel				648000	650000	652000	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3750			
40	PI2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0	
Channel				647668	650000	652332	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3934.98			
30	PI2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0	
Channel				647334	650000	652666	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3939.99			
20	PI2 BPSK	1	1	24.78	24.60	24.55	26.0	0.0	
Channel				647168	650000	652992	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3932.48			
15	PI2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0	
Channel				647000	650000	653000	100%	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975			
10	PI2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0	

Part270_n78_Ant 7										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	650000					
Frequency (MHz)				3750	3750					
100	PI2 BPSK	1	1		18.80					
100	PI2 BPSK	1	137		18.75		20.0	0.0		
100	PI2 BPSK	1	271		18.81					
100	PI2 BPSK	135	0		18.71		20.0	0.0		
100	PI2 BPSK	135	69		18.73		20.0	0.0		
100	PI2 BPSK	135	138		18.68		20.0	0.0		
100	PI2 BPSK	270	0		18.75					
100	QPSK	1	1		18.72					
100	QPSK	1	137		18.77		20.0	0.0		
100	QPSK	1	271		18.67					
100	QPSK	135	0		18.74					
100	QPSK	135	69		18.59		20.0	0.0		
100	QPSK	135	138		18.63					
100	QPSK	270	0		18.65		20.0	0.0		
100	16QAM	1	1		18.78		20.0	0.0		
100	64QAM	1	1		18.72		20.0	0.0		
100	256QAM	1	1		18.73		23.0	0.0		
Channel				649668	650000	650332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98				
90	PI2 BPSK	1	1		18.73	18.65	18.72	20.0	0.0	
Channel				649334	650000	650666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99				
80	PI2 BPSK	1	1		18.54	18.79	18.73	20.0	0.0	
Channel				649000	650000	651000	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765				
70	PI2 BPSK	1	1		18.67	18.68	18.54	20.0	0.0	
Channel				648668	650000	651332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98				
60	PI2 BPSK	1	1		18.64	18.67	18.78	20.0	0.0	
Channel				648334	650000	651666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99				
50	PI2 BPSK	1	1		18.55	18.72	18.77	20.0	0.0	
Channel				648000	650000	652000	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3750				
40	PI2 BPSK	1	1		18.75	18.73	18.71	20.0	0.0	
Channel				647668	650000	652332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98				
30	PI2 BPSK	1	1		18.73	18.68	18.70	20.0	0.0	
Channel				647334	650000	652666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99				
20	PI2 BPSK	1	1		18.72	18.61	18.64	20.0	0.0	
Channel				647168	650000	652992	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48				
15	PI2 BPSK	1	1		18.69	18.74	18.71	20.0	0.0	
Channel				647000	650000	653000	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795				
10	PI2 BPSK	1	1		18.66	18.62	18.77	20.0	0.0	

Part270_n78_Ant 8										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				650000	650000					
Frequency (MHz)				3750	3750					
100	PI2 BPSK	1	1		21.82					
100	PI2 BPSK	1	137		21.78		23.0	0.0		
100	PI2 BPSK	1	271		21.67					
100	PI2 BPSK	135	0		21.78		23.0	0.0		
100	PI2 BPSK	135	69		21.72		23.0	0.0		
100	PI2 BPSK	135	138		21.66		23.0	0.0		
100	PI2 BPSK	270	0		21.64					
100	QPSK	1	1		21.75					
100	QPSK	1	137		21.78		23.0	0.0		
100	QPSK	1	271		21.68					
100	QPSK	135	0		21.74					
100	QPSK	135	69		21.73		23.0	0.0		
100	QPSK	135	138		21.65					
100	QPSK	270	0		21.62		23.0	0.0		
100	16QAM	1	1		21.72		23.0	0.0		
100	64QAM	1	1		21.68		23.0	0.0		
100	256QAM	1	1		21.77		23.0	0.0		
Channel				649668	650000	650332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98				
90	PI2 BPSK	1	1		21.68	21.65	21.81	23.0	0.0	
Channel				649334	650000	650666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99				
80	PI2 BPSK	1	1		21.65	21.80	21.68	23.0	0.0	
Channel				649000	650000	651000	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765				
70	PI2 BPSK	1	1		21.93	21.65	21.81	23.0	0.0	
Channel				648668	650000	651332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98				
60	PI2 BPSK	1	1		21.80	21.70	21.74	23.0	0.0	
Channel				648334	650000	651666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99				
50	PI2 BPSK	1	1		21.81	21.74	21.78	23.0	0.0	
Channel				648000	650000	652000	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3750				
40	PI2 BPSK	1	1		21.64	21.81	21.76	23.0	0.0	
Channel				647668	650000	652332	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98				
30	PI2 BPSK	1	1		21.79	21.74	21.71	23.0	0.0	
Channel				647334	650000	652666	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99				
20	PI2 BPSK	1	1		21.73	21.71	21.75	23.0	0.0	
Channel				647168	650000	652992	100%	limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3922.48				
15	PI2 BPSK	1	1							



Part270_n78_Ant 9									
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)									
100	PI2 BPSK	1	1		24.96				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47		26.0	0.0	
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67		26.0	0.0	
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44		26.0	0.0	
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	

Part270_n78_Ant 10									
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)									
100	PI2 BPSK	1	1		24.80				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47		26.0	0.0	
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67		26.0	0.0	
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44		26.0	0.0	
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	



ENDC Power for State 11

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	24.39	24.52	24.37			
20	PI2 BPSK	1	53	24.24	24.48	24.18	26.0	0.0	
20	PI2 BPSK	1	104	24.38	24.38	24.08			
20	PI2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5	
20	PI2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0	
20	PI2 BPSK	50	56	24.23	24.46	24.05	25.5	0.5	
20	PI2 BPSK	100	0	24.18	24.47	24.20			
20	QPSK	1	1	24.28	24.49	24.41			
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0	
20	QPSK	1	104	24.45	24.43	24.13			
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0	
20	QPSK	100	0	24.19	24.47	24.20	25.0	1.0	
20	16QAM	1	1	24.46	24.47	24.49	25.0	1.0	
20	64QAM	1	1	22.92	22.97	22.99	23.5	2.5	
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	24.26	24.49	24.19	26.0	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	24.30	24.45	24.28	26.0	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	18.29	18.40	18.38			
20	PI2 BPSK	1	53	18.18	18.33	18.25	20.0	0.0	
20	PI2 BPSK	1	104	18.15	18.37	18.20			
20	PI2 BPSK	50	0	18.24	18.29	18.23	20.0	0.0	
20	PI2 BPSK	50	28	18.25	18.36	18.33	20.0	0.0	
20	PI2 BPSK	50	56	18.16	18.32	18.30	20.0	0.0	
20	PI2 BPSK	100	0	18.20	18.25	18.10	20.0	0.0	
20	QPSK	1	1	18.24	18.37	18.31			
20	QPSK	1	53	18.33	18.35	18.28	20.0	0.0	
20	QPSK	1	104	18.26	18.24	18.34			
20	QPSK	50	0	18.29	18.23	18.21	20.0	0.0	
20	QPSK	50	28	18.22	18.36	18.36	20.0	0.0	
20	QPSK	50	56	18.26	18.34	18.15	20.0	0.0	
20	QPSK	100	0	18.27	18.35	18.16	20.0	0.0	
20	16QAM	1	1	18.14	18.26	18.24	20.0	0.0	
20	64QAM	1	1	18.28	18.31	18.27	20.0	0.0	
20	256QAM	1	1	18.32	18.34	18.20	20.0	0.0	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	18.07	18.33	18.32	20.0	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	18.01	18.19	18.30	20.0	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	18.05	18.29	18.32	20.0	0.0	

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	24.32	24.41	24.28			
20	PI2 BPSK	1	53	24.15	24.12	24.09	26.0	0.0	
20	PI2 BPSK	1	104	24.03	24.10	24.03			
20	PI2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5	
20	PI2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0	
20	PI2 BPSK	50	56	24.15	24.08	24.06	25.5	0.5	
20	PI2 BPSK	100	0	24.26	24.28	24.16			
20	QPSK	1	1	24.38	24.36	24.30			
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0	
20	QPSK	1	104	24.11	24.13	24.10			
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0	
20	QPSK	50	56	24.16	24.10	24.08	25.0	1.0	
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0	
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0	
20	64QAM	1	1	22.95	22.99	22.92	23.5	2.5	
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5	
Channel				166300	167300	168300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	24.39	24.28	24.27	26.0	0.0	
Channel				165800	167300	168800	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI2 BPSK	1	1	24.33	24.19	24.24	26.0	0.0	
Channel				165300	167300	169300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI2 BPSK	1	1	24.34	24.25	24.19	26.0	0.0	



n5_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				166300	167300	168300			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	19.36	19.39	19.16			
20	PI2 BPSK	1	53	19.19	19.03	19.06	21.0	0.0	
20	PI2 BPSK	1	104	19.08	19.08	19.13			
20	PI2 BPSK	50	0	19.19	19.22	19.12	21.0	0.0	
20	PI2 BPSK	50	28	19.21	19.25	19.15	21.0	0.0	
20	PI2 BPSK	50	56	19.03	19.11	19.05			
20	PI2 BPSK	100	0	19.09	19.10	19.07	21.0	0.0	
20	QPSK	1	1	19.18	19.37	19.35			
20	QPSK	1	53	19.08	19.17	19.23	21.0	0.0	
20	QPSK	1	104	19.16	19.06	19.12			
20	QPSK	50	0	19.19	19.24	19.16	21.0	0.0	
20	QPSK	50	28	19.24	19.17	19.05	21.0	0.0	
20	QPSK	50	56	19.16	19.19	19.09			
20	QPSK	100	0	19.11	19.17	19.21	21.0	0.0	
20	16QAM	1	1	19.27	19.28	19.35	21.0	0.0	
20	64QAM	1	1	19.25	19.34	19.32	21.0	0.0	
20	256QAM	1	1	19.28	19.38	19.30	21.0	0.0	
Channel				166300	167300	168300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	21.0	0.0	
15	PI2 BPSK	1	1	19.35	19.12	19.09	21.0	0.0	
Channel				166800	167300	168800	tune-up limit (dB)	MPR (dB)	
Frequency (MHz)				835	836.5	844	21.0	0.0	
10	PI2 BPSK	1	1	19.23	19.10	19.04	tune-up limit (dBm)	MPR (dB)	
Channel				165300	167300	169300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	21.0	0.0	
5	PI2 BPSK	1	1	19.20	19.15	19.10	21.0	0.0	

n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				500000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	24.60	24.64	24.62			
40	PI2 BPSK	1	108	24.50	24.61	24.59	26.0	0.0	
40	PI2 BPSK	1	214	24.59	24.60	24.59			
40	PI2 BPSK	108	0	24.55	24.51	24.38	25.5	0.5	
40	PI2 BPSK	108	54	24.65	24.62	24.58	26.0	0.0	
40	PI2 BPSK	108	108	24.58	24.55	24.52			
40	PI2 BPSK	216	0	24.45	24.54	24.38	25.5	0.5	
40	QPSK	1	1	24.10	24.61	24.61			
40	QPSK	1	108	24.47	24.61	24.58	26.0	0.0	
40	QPSK	1	214	24.44	24.49	24.46			
40	QPSK	108	0	24.47	24.49	24.46	25.0	1.0	
40	QPSK	108	54	24.57	24.59	24.52	26.0	0.0	
40	QPSK	108	108	24.45	24.47	24.36			
40	QPSK	216	0	24.17	24.11	24.26	25.0	1.0	
40	16QAM	1	1	24.48	24.36	24.27	25.0	1.0	
40	64QAM	1	1	22.97	22.98	22.80	23.5	2.5	
40	256QAM	1	1	20.96	20.97	20.75	21.5	4.5	
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	26.0	0.0	
30	PI2 BPSK	1	1	24.53	24.59	24.58	26.0	0.0	
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	26.0	0.0	
25	PI2 BPSK	1	1	24.47	24.59	24.50	26.0	0.0	
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	26.0	0.0	
20	PI2 BPSK	1	1	24.50	24.56	24.53	26.0	0.0	
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	26.0	0.0	
15	PI2 BPSK	1	1	24.50	24.64	24.57	26.0	0.0	
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	26.0	0.0	
10	PI2 BPSK	1	1	24.46	24.61	24.53	26.0	0.0	
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	26.0	0.0	
5	PI2 BPSK	1	1	24.43	24.58	24.52	26.0	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				500000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	14.02	14.08	14.05			
40	PI2 BPSK	1	108	13.74	13.92	13.91	15.5	0.0	
40	PI2 BPSK	1	214	13.70	13.80	13.63			
40	PI2 BPSK	108	0	13.69	13.77	13.65	15.5	0.0	
40	PI2 BPSK	108	54	13.62	14.05	13.82	15.5	0.0	
40	PI2 BPSK	108	108	13.67	13.84	13.71			
40	PI2 BPSK	216	0	13.65	13.98	13.68	15.5	0.0	
40	QPSK	1	1	13.81	13.84	13.84			
40	QPSK	1	108	13.87	13.97	13.77	15.5	0.0	
40	QPSK	1	214	13.77	13.85	13.68			
40	QPSK	108	0	13.76	13.82	13.72	15.5	0.0	
40	QPSK	108	54	13.65	13.77	13.60	15.5	0.0	
40	QPSK	108	108	13.69	13.85	13.69			
40	QPSK	216	0	13.73	13.81	13.63	15.5	0.0	
40	16QAM	1	1	14.04	14.06	13.85	15.5	0.0	
40	64QAM	1	1	13.98	13.92	14.06	15.5	0.0	
40	256QAM	1	1	13.89	13.96	13.89	15.5	0.0	
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	15.5	0.0	
30	PI2 BPSK	1	1	13.82	13.91	14.00	15.5	0.0	
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	15.5	0.0	
25	PI2 BPSK	1	1	13.83	13.97	13.98	15.5	0.0	
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	15.5	0.0	
20	PI2 BPSK	1	1	13.96	13.97	13.89	15.5	0.0	
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	15.5	0.0	
15	PI2 BPSK	1	1	14.01	14.01	13.93	15.5	0.0	
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	15.5	0.0	
10	PI2 BPSK	1	1	13.83	14.01	13.89	15.5	0.0	
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	15.5	0.0	
5	PI2 BPSK	1	1	14.01	14.06	13.97	15.5	0.0	



n66_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				349000	349000	350000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	25.01	24.95	24.90			
40	PV2 BPSK	1	108	24.91	24.86	24.86	28.0	0.0	
40	PV2 BPSK	1	214	24.86	24.82	24.86			
40	PV2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5	
40	PV2 BPSK	108	54	24.87	24.88	24.94	26.0	0.0	
40	PV2 BPSK	108	108	24.86	24.87	24.86			
40	PV2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5	
40	QPSK	1	1	24.98	24.88	24.95			
40	QPSK	1	108	24.93	24.87	24.93	28.0	0.0	
40	QPSK	1	214	24.84	24.86	24.84			
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0	
40	QPSK	108	54	24.93	24.88	24.95	28.0	0.0	
40	QPSK	108	108	24.47	24.44	24.45	25.0	1.0	
40	QPSK	216	0	24.41	24.46	24.35	25.0	1.0	
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0	
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5	
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5	
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	28.0	0.0	
20	PV2 BPSK	1	1	24.99	24.85	24.89	28.0	0.0	
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	28.0	0.0	
15	PV2 BPSK	1	1	24.92	24.85	24.84	28.0	0.0	
Channel				343000	349000	353000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	28.0	0.0	
10	PV2 BPSK	1	1	24.89	24.77	24.82	28.0	0.0	
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	28.0	0.0	
5	PV2 BPSK	1	1	24.82	24.83	24.87	28.0	0.0	

n66_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	21.94	21.95	21.97			
40	PV2 BPSK	1	108	21.72	21.82	21.77	23.0	0.0	
40	PV2 BPSK	1	214	21.83	21.84	21.74			
40	PV2 BPSK	108	S	21.81	21.87	21.70	23.0	0.0	
40	PV2 BPSK	108	54	21.92	21.93	21.96	23.0	0.0	
40	PV2 BPSK	108	108	21.86	21.91	21.83			
40	PV2 BPSK	216	0	21.75	21.85	21.87	23.0	0.0	
40	QPSK	1	1	21.84	21.81	21.90			
40	QPSK	1	108	21.89	21.84	21.92	23.0	0.0	
40	QPSK	1	214	21.84	21.91	21.79			
40	QPSK	108	0	21.93	21.92	21.77	23.0	0.0	
40	QPSK	108	54	21.86	21.83	21.80	23.0	0.0	
40	QPSK	108	108	21.93	21.88	21.76			
40	QPSK	216	0	21.89	21.94	21.83	23.0	0.0	
40	16QAM	1	1	21.81	21.85	21.79	23.0	0.0	
40	64QAM	1	1	21.88	21.82	21.79	23.0	0.0	
40	256QAM	1	1	20.43	20.54	20.38	21.5	1.5	
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	23.0	0.0	
20	PV2 BPSK	1	1	21.89	21.88	21.87	23.0	0.0	
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	23.0	0.0	
15	PV2 BPSK	1	1	21.84	21.89	21.75	23.0	0.0	
Channel				343000	349000	353000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	23.0	0.0	
10	PV2 BPSK	1	1	21.90	21.89	21.84	23.0	0.0	
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	23.0	0.0	
5	PV2 BPSK	1	1	21.75	21.80	21.75	23.0	0.0	

n71_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				136900	138100	137000			
Frequency (MHz)				673	680.5	688			
20	PV2 BPSK	1	1	24.58	24.67	24.64			
20	PV2 BPSK	1	53	24.55	24.66	24.62	26.0	0.0	
20	PV2 BPSK	1	104	24.54	24.15	24.05			
20	PV2 BPSK	108	0	24.52	24.64	24.21	25.5	0.5	
20	PV2 BPSK	50	28	24.57	24.65	24.35	26.0	0.0	
20	PV2 BPSK	50	58	24.50	24.34	23.86			
20	PV2 BPSK	100	0	24.61	24.62	24.10	25.5	0.5	
20	QPSK	1	1	24.55	24.63	24.65			
20	QPSK	1	53	24.62	24.65	24.65	26.0	0.0	
20	QPSK	1	104	24.58	24.13	24.07			
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0	
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0	
20	QPSK	50	56	24.19	23.78	23.67			
20	QPSK	100	0	24.15	24.07	23.59	25.0	1.0	
20	16QAM	1	1	24.25	24.38	24.44	25.0	1.0	
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5	
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5	
Channel				134100	138100	138100	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				670.5	680.5	690.5	26.0	0.0	
15	PV2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0	
Channel				133600	138100	138600	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				669	680.5	692	26.0	0.0	
10	PV2 BPSK	1	1	24.47	24.55	24.44	26.0	0.0	
Channel				133100	138100	139100	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				665.5	680.5	695.5	26.0	0.0	
5	PV2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0	



n71_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				134600	139100	137600		
Frequency (MHz)				673	690.5	698		
20	Pl/2 BPSK	1	1	21.63	21.64	21.46	23.0	0.0
20	Pl/2 BPSK	1	53	21.47	21.44	21.40		
20	Pl/2 BPSK	1	104	21.22	21.29	21.32		
20	Pl/2 BPSK	50	0	21.42	21.45	21.31	23.0	0.0
20	Pl/2 BPSK	50	28	21.48	21.51	21.38	23.0	0.0
20	Pl/2 BPSK	50	56	21.43	21.39	21.33	23.0	0.0
20	Pl/2 BPSK	100	0	21.42	21.46	21.36		
20	QPSK	1	1	21.59	21.58	21.60		
20	QPSK	1	53	21.54	21.49	21.54	23.0	0.0
20	QPSK	1	104	21.28	21.29	21.28	23.0	0.0
20	QPSK	50	0	21.57	21.55	21.48		
20	QPSK	50	28	21.36	21.45	21.54		
20	QPSK	50	56	21.24	21.32	21.25	23.0	0.0
20	QPSK	100	0	21.50	21.47	21.39	23.0	0.0
20	16QAM	1	1	21.61	21.63	21.63	23.0	0.0
20	64QAM	1	1	21.59	21.57	21.56	23.0	0.0
20	256QAM	1	1	20.64	20.56	20.66	21.5	1.5
Channel				134100	136100	138100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	Pl/2 BPSK	1	1	21.53	21.45	21.31	23.0	0.0
Channel				133600	136100	138600	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	690.5	693		
10	Pl/2 BPSK	1	1	21.45	21.45	21.27	23.0	0.0
Channel				133100	135100	137100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	Pl/2 BPSK	1	1	21.48	21.62	21.44	23.0	0.0



Part270_n77_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
100	PV2 BPSK	1	1	16.25	16.25	16.18	17.5	0.0
100	PV2 BPSK	1	137	16.19	16.25	16.06		
100	PV2 BPSK	1	271	16.19	16.24	16.11		
100	PV2 BPSK	135	0	16.03	16.19	16.18	17.5	0.0
100	PV2 BPSK	135	69	16.20	16.25	16.19	17.5	0.0
100	PV2 BPSK	135	138	16.15	16.19	16.09		
100	PV2 BPSK	270	0	16.06	16.25	16.19	17.5	0.0
100	QPSK	1	1	16.05	16.12	16.10		
100	QPSK	1	137	16.18	16.22	16.04	17.5	0.0
100	QPSK	1	271	16.05	16.21	16.17		
100	QPSK	135	0	16.18	16.23	16.22		
100	QPSK	135	69	16.13	16.18	16.16	17.5	0.0
100	QPSK	135	138	16.08	16.22	16.21		
100	QPSK	270	0	16.17	16.18	16.15	17.5	0.0
100	16QAM	1	1	16.06	16.24	16.16	17.5	0.0
100	64QAM	1	1	16.23	16.25	16.10	17.5	0.0
100	256QAM	1	1	16.18	16.19	16.09	17.5	0.0
Channel								
Frequency (MHz)				649999	650000	662000	limit (dB)	MPR (dB)
90	PV2 BPSK	1	1	16.25	16.16	16.14	17.5	0.0
Channel								
Frequency (MHz)				649334	650000	662666	limit (dB)	MPR (dB)
80	PV2 BPSK	1	1	16.18	16.08	16.05	17.5	0.0
Channel								
Frequency (MHz)				649000	650000	663000	limit (dB)	MPR (dB)
70	PV2 BPSK	1	1	16.21	16.24	16.08	17.5	0.0
Channel								
Frequency (MHz)				648668	650000	663332	limit (dB)	MPR (dB)
60	PV2 BPSK	1	1	16.10	16.15	16.12	17.5	0.0
Channel								
Frequency (MHz)				648334	650000	663666	limit (dB)	MPR (dB)
50	PV2 BPSK	1	1	16.22	16.10	16.04	17.5	0.0
Channel								
Frequency (MHz)				648000	650000	664000	limit (dB)	MPR (dB)
40	PV2 BPSK	1	1	16.08	16.13	16.16	17.5	0.0
Channel								
Frequency (MHz)				647668	650000	664332	limit (dB)	MPR (dB)
30	PV2 BPSK	1	1	16.15	16.18	16.15	17.5	0.0
Channel								
Frequency (MHz)				647334	650000	664666	limit (dB)	MPR (dB)
20	PV2 BPSK	1	1	16.22	16.17	16.13	17.5	0.0
Channel								
Frequency (MHz)				647168	650000	664932	limit (dB)	MPR (dB)
15	PV2 BPSK	1	1	16.05	16.10	16.17	17.5	0.0
Channel								
Frequency (MHz)				647000	650000	665000	limit (dB)	MPR (dB)
10	PV2 BPSK	1	1	16.23	16.11	16.08	17.5	0.0

Part270_n77_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
100	PV2 BPSK	1	1	16.77	16.82	16.88	20.0	0.0
100	PV2 BPSK	1	137	16.72	16.78	16.61		
100	PV2 BPSK	1	271	16.49	16.68	16.60		
100	PV2 BPSK	135	0	16.58	16.71	16.53	20.0	0.0
100	PV2 BPSK	135	69	16.65	16.72	16.63	20.0	0.0
100	PV2 BPSK	135	138	16.47	16.64	16.60		
100	PV2 BPSK	270	0	16.69	16.75	16.74	20.0	0.0
100	QPSK	1	1	16.61	16.75	16.62		
100	QPSK	1	137	16.56	16.72	16.54	20.0	0.0
100	QPSK	1	271	16.61	16.79	16.65		
100	QPSK	135	0	16.65	16.65	16.53		
100	QPSK	135	69	16.62	16.74	16.60	20.0	0.0
100	QPSK	135	138	16.49	16.64	16.58		
100	QPSK	270	0	16.60	16.60	16.56	20.0	0.0
100	16QAM	1	1	16.68	16.78	16.67	20.0	0.0
100	64QAM	1	1	16.69	16.75	16.65	20.0	0.0
100	256QAM	1	1	16.50	16.69	16.59	20.0	0.0
Channel								
Frequency (MHz)				649999	650000	662332	limit (dB)	MPR (dB)
90	PV2 BPSK	1	1	16.61	16.62	16.59	20.0	0.0
Channel								
Frequency (MHz)				649334	650000	662666	limit (dB)	MPR (dB)
80	PV2 BPSK	1	1	16.62	16.63	16.43	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	663000	limit (dB)	MPR (dB)
70	PV2 BPSK	1	1	16.62	16.70	16.52	20.0	0.0
Channel								
Frequency (MHz)				648668	650000	663332	limit (dB)	MPR (dB)
60	PV2 BPSK	1	1	16.62	16.61	16.59	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	663666	limit (dB)	MPR (dB)
50	PV2 BPSK	1	1	16.61	16.59	16.53	20.0	0.0
Channel								
Frequency (MHz)				648000	650000	664000	limit (dB)	MPR (dB)
40	PV2 BPSK	1	1	16.57	16.65	16.54	20.0	0.0
Channel								
Frequency (MHz)				647668	650000	664332	limit (dB)	MPR (dB)
30	PV2 BPSK	1	1	16.59	16.68	16.59	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	664666	limit (dB)	MPR (dB)
20	PV2 BPSK	1	1	16.72	16.58	16.58	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	664932	limit (dB)	MPR (dB)
15	PV2 BPSK	1	1	16.57	16.60	16.53	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	665000	limit (dB)	MPR (dB)
10	PV2 BPSK	1	1	16.60	16.72	16.56	20.0	0.0

Part270_n77_Ant 9

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
100	PV2 BPSK	1	1	24.91	24.85	24.79	26.0	0.0
100	PV2 BPSK	1	137	24.90	24.81	24.72		
100	PV2 BPSK	1	271	24.76	24.83	24.73		
100	PV2 BPSK	135	0	24.40	24.75	24.66	26.0	0.0
100	PV2 BPSK	135	69	24.88	24.83	24.77	26.0	0.0
100	PV2 BPSK	135	138	24.79	24.78	24.74		
100	PV2 BPSK	270	0	24.87	24.82	24.73	26.0	0.0
100	QPSK	1	1	24.89	24.81	24.69		
100	QPSK	1	137	24.50	24.79	24.72	26.0	0.0
100	QPSK	1	271	24.77	24.83	24.76		
100	QPSK	135	0	24.66	24.75	24.63		
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0
100	QPSK	135	138	24.74	24.72	24.70		
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0
100	64QAM	1	1	24.06	24.02	24.01	25.0	1.0
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0
Channel								
Frequency (MHz)				649999	650000	662332	limit (dB)	MPR (dB)
90	PV2 BPSK	1	1	24.85	24.83	24.81	26.0	0.0
Channel								
Frequency (MHz)				649334	650000	662666	limit (dB)	MPR (dB)
80	PV2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0
Channel								
Frequency (MHz)				649000	650000	663000	limit (dB)	MPR (dB)
70	PV2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0
Channel								
Frequency (MHz)				648668	650000	663332	limit (dB)	MPR (dB)
60	PV2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0
Channel								
Frequency (MHz)				648334	650000	663666	limit (dB)	MPR (dB)
50	PV2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0
Channel								
Frequency (MHz)				648000	650000	664000	limit (dB)	MPR (dB)
40	PV2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0
Channel								
Frequency (MHz)				647668	650000	664332	limit (dB)	MPR (dB)
30	PV2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0
Channel								
Frequency (MHz)				647334	650000	664666	limit (dB)	MPR (dB)
20	PV2 BPSK	1	1	24.78	24.80	24.55	26.0	0.0
Channel								
Frequency (MHz)				647168	650000	664932	limit (dB)	MPR (dB)
15	PV2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0
Channel								
Frequency (MHz)				647000	650000	665000	limit (dB)	MPR (dB)
10	PV2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0



Part270_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pi/2 BPSK	1	1	24.91	24.99	24.79	26.0	0.0
100	Pi/2 BPSK	1	137	24.90	24.81	24.72		
100	Pi/2 BPSK	1	271	24.76	24.83	24.73		
100	Pi/2 BPSK	135	0	24.40	24.75	24.86	26.0	0.0
100	Pi/2 BPSK	135	69	24.89	24.83	24.77	26.0	0.0
100	Pi/2 BPSK	135	138	24.76	24.78	24.74		
100	Pi/2 BPSK	270	0	24.87	24.82	24.73	26.0	0.0
100	QPSK	1	1	24.89	24.81	24.69		
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0
100	QPSK	1	271	24.77	24.83	24.78		
100	QPSK	135	0	24.66	24.75	24.63		
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0
100	QPSK	135	138	24.74	24.72	24.70		
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0
100	64QAM	1	1	24.06	24.02	24.01	25.0	1.0
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0
Channel								
Frequency (MHz)				659893	659900	659932	limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	Pi/2 BPSK	1	1	24.85	24.83	24.81	26.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	Pi/2 BPSK	1	1	24.75	24.61	24.53	26.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	Pi/2 BPSK	1	1	24.83	24.56	24.55	26.0	0.0
Channel								
Frequency (MHz)				648688	650000	651332	limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3939.98		
60	Pi/2 BPSK	1	1	24.82	24.59	24.53	26.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3949.99		
50	Pi/2 BPSK	1	1	24.77	24.59	24.51	26.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	Pi/2 BPSK	1	1	24.75	24.62	24.54	26.0	0.0
Channel								
Frequency (MHz)				647688	650000	652332	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3949.98		
30	Pi/2 BPSK	1	1	24.80	24.58	24.54	26.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3959.99		
20	Pi/2 BPSK	1	1	24.78	24.60	24.55	26.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3959.99		
15	Pi/2 BPSK	1	1	24.77	24.57	24.58	26.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	Pi/2 BPSK	1	1	24.83	24.53	24.52	26.0	0.0

Part270_n78_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		16.24			
100	Pi/2 BPSK	1	137		16.16		17.5	0.0
100	Pi/2 BPSK	1	271		16.09			
100	Pi/2 BPSK	135	0		16.09		17.5	0.0
100	Pi/2 BPSK	135	69		16.22		17.5	0.0
100	Pi/2 BPSK	135	138		16.08			
100	Pi/2 BPSK	270	0		16.21		17.5	0.0
100	QPSK	1	1		16.16			
100	QPSK	1	137		16.19		17.5	0.0
100	QPSK	1	271		16.11			
100	QPSK	135	0		16.16			
100	QPSK	135	69		16.15		17.5	0.0
100	QPSK	135	138		16.14			
100	QPSK	270	0		16.12		17.5	0.0
100	16QAM	1	1		16.16		17.5	0.0
100	64QAM	1	1		16.21		17.5	0.0
100	256QAM	1	1		16.14		17.5	0.0
Channel								
Frequency (MHz)				649888	650000	650332	limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	Pi/2 BPSK	1	1	16.05	16.02	16.10	17.5	0.0
Channel								
Frequency (MHz)				649334	650000	650666	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	Pi/2 BPSK	1	1	16.05	16.02	16.19	17.5	0.0
Channel								
Frequency (MHz)				649000	650000	651000	limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	Pi/2 BPSK	1	1	16.13	16.05	16.10	17.5	0.0
Channel								
Frequency (MHz)				648688	650000	651332	limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3759.98		
60	Pi/2 BPSK	1	1	16.13	16.10	16.02	17.5	0.0
Channel								
Frequency (MHz)				648334	650000	651666	limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	Pi/2 BPSK	1	1	15.96	15.92	16.11	17.5	0.0
Channel								
Frequency (MHz)				648000	650000	652000	limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	Pi/2 BPSK	1	1	16.14	16.02	16.12	17.5	0.0
Channel								
Frequency (MHz)				647688	650000	652332	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	Pi/2 BPSK	1	1	16.07	15.99	16.05	17.5	0.0
Channel								
Frequency (MHz)				647334	650000	652666	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	Pi/2 BPSK	1	1	16.06	16.05	16.19	17.5	0.0
Channel								
Frequency (MHz)				647168	650000	652832	limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	Pi/2 BPSK	1	1	16.09	15.96	16.05	17.5	0.0
Channel								
Frequency (MHz)				647000	650000	653000	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	Pi/2 BPSK	1	1	15.95	15.95	16.17	17.5	0.0

Part270_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	650000	662000		
Frequency (MHz)				3750	3750	3750		
100	Pi/2 BPSK	1	1		18.93			
100	Pi/2 BPSK	1	137		18.71		20.0	0.0
100	Pi/2 BPSK	1	271		18.59			
100	Pi/2 BPSK	135	0		18.81		20.0	0.0
100	Pi/2 BPSK	135	69		18.77		20.0	0.0
100	Pi/2 BPSK	135	138		18.61			
100	Pi/2 BPSK	270	0		18.75		20.0	0.0
100	QPSK	1	1		18.61			
100	QPSK	1	137		18.73		20.0	0.0
100	QPSK	1	271		18.57			
100	QPSK	135	0		18.61			
100	QPSK	135	69		18.57		20.0	0.0
100	QPSK	135	138		18.62			
100	QPSK	270	0		18.56		20.0	0.0
100	16QAM	1	1		18.75		20.0	0.0
100	64QAM	1	1		18.75		20.0	0.0
100	256QAM	1	1		18.67		20.0	0.0
Channel								
Frequency (MHz)				649888	650000	650332	limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	Pi/2 BPSK	1	1	18.66	18.74	18.67	20.0	0.0
Channel								
Frequency (MHz)				649334	650000	650666	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	Pi/2 BPSK	1	1	18.71	18.71	18.68	20.0	0.0
Channel								
Frequency (MHz)				649000	650000	651000	limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	Pi/2 BPSK	1	1	18.66	18.74	18.70	20.0	0.0
Channel								
Frequency (MHz)				648688	650000	651332	limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	Pi/2 BPSK	1	1	18.74	18.73	18.66	20.0	0.0
Channel								
Frequency (MHz)				648334	650000	651666	limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	Pi/2 BPSK	1	1	18.65	18.69	18.61	20.0	0.0
Channel								
Frequency (MHz)				648000	650000	652000	limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	Pi/2 BPSK	1	1	18.71	18.70	18.63	20.0	0.0
Channel								
Frequency (MHz)				647688	650000	652332	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	Pi/2 BPSK	1	1	18.63	18.73	18.71	20.0	0.0
Channel								
Frequency (MHz)				647334	650000	652666	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	Pi/2 BPSK	1	1	18.56	18.79	18.63	20.0	0.0
Channel								
Frequency (MHz)				647168	650000	652832	limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.48		
15	Pi/2 BPSK	1	1	18.60	18.75	18.68	20.0	0.0
Channel								
Frequency (MHz)				647000	650000	653000	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	Pi/2 BPSK	1	1	18.57	18.77	18.64	20.0	0.0



Part270_n78_Ant 9									
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)									
100	PI2 BPSK	1	1		24.96				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47		26.0	0.0	
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67				
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44				
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	

Part270_n78_Ant 10									
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)									
100	PI2 BPSK	1	1		24.80				
100	PI2 BPSK	1	137		24.70		26.0	0.0	
100	PI2 BPSK	1	271		24.80				
100	PI2 BPSK	135	0		24.69		26.0	0.0	
100	PI2 BPSK	135	69		24.83		26.0	0.0	
100	PI2 BPSK	135	138		24.47		26.0	0.0	
100	PI2 BPSK	270	0		24.81		26.0	0.0	
100	QPSK	1	1		24.81				
100	QPSK	1	137		24.73		26.0	0.0	
100	QPSK	1	271		24.80				
100	QPSK	135	0		24.67				
100	QPSK	135	69		24.57		26.0	0.0	
100	QPSK	135	138		24.44				
100	QPSK	270	0		24.66		26.0	0.0	
100	16QAM	1	1		24.71		26.0	0.0	
100	64QAM	1	1		24.67		25.0	1.0	
100	256QAM	1	1		21.88		23.0	3.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	24.77	24.76	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	24.78	24.73	24.80	26.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	24.84	24.76	24.82	26.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	24.81	24.68	24.84	26.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0	



ENDC Power for State 12

n2_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				372000	376000	380000				
Frequency (MHz)				1860	1880	1900				
20	PV2 BPSK	1	1	20.69	20.85	20.84				
20	PV2 BPSK	1	53	20.68	20.84	20.63	22.5	0.0		
20	PV2 BPSK	1	104	20.56	20.79	20.61				
20	PV2 BPSK	50	0	20.59	20.78	20.58	22.5	0.0		
20	PV2 BPSK	50	28	20.62	20.82	20.62	22.5	0.0		
20	PV2 BPSK	50	56	20.61	20.77	20.61	22.5	0.0		
20	PV2 BPSK	100	0	20.73	20.78	20.69				
20	QPSK	1	1	20.60	20.76	20.57				
20	QPSK	1	53	20.59	20.83	20.53	22.5	0.0		
20	QPSK	1	104	20.69	20.75	20.57				
20	QPSK	50	0	20.72	20.82	20.52	22.5	0.0		
20	QPSK	50	28	20.60	20.81	20.57	22.5	0.0		
20	QPSK	50	56	20.67	20.78	20.65	22.5	0.0		
20	QPSK	100	0	20.67	20.82	20.53				
20	16QAM	1	1	20.71	20.83	20.63	22.5	0.0		
20	16QAM	1	1	20.78	20.79	20.73	22.5	0.0		
20	256QAM	1	1	20.15	20.25	20.14	21.5	1.0		
Channel				371500	376000	380500	tune-up limit (dBm)	MPR		
Frequency (MHz)				1857.5	1880	1902.5				
15	PV2 BPSK	1	1	20.65	20.80	20.84	22.5	0.0		
Channel				371000	376000	381000	tune-up limit (dB)	MPR		
Frequency (MHz)				1855	1880	1905				
10	PV2 BPSK	1	1	20.57	20.79	20.78	22.5	0.0		
Channel				370500	376000	381500	tune-up limit (dBm)	MPR		
Frequency (MHz)				1852.5	1880	1907.5				
5	PV2 BPSK	1	1	20.65	20.74	20.80	22.5	0.0		

n2_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				372000	376000	380000				
Frequency (MHz)				1860	1880	1900				
20	PV2 BPSK	1	1	24.39	24.52	24.37				
20	PV2 BPSK	1	53	24.24	24.46	24.16	26.0	0.0		
20	PV2 BPSK	1	104	24.38	24.38	24.08				
20	PV2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5		
20	PV2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0		
20	PV2 BPSK	50	56	24.23	24.46	24.05				
20	PV2 BPSK	100	0	24.18	24.47	24.20	25.5	0.5		
20	QPSK	1	1	24.28	24.49	24.41				
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0		
20	QPSK	1	104	24.45	24.43	24.13				
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0		
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0		
20	QPSK	50	56	24.27	24.44	24.07	25.0	1.0		
20	QPSK	100	0	24.16	24.47	24.20	25.0	1.0		
20	16QAM	1	1	24.46	24.47	24.49	26.0	1.0		
20	16QAM	1	1	22.92	22.97	22.98	23.5	2.5		
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5		
Channel				371500	376000	380500	tune-up limit (dBm)	MPR		
Frequency (MHz)				1857.5	1880	1902.5				
15	PV2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0		
Channel				371000	376000	381000	tune-up limit (dB)	MPR		
Frequency (MHz)				1855	1880	1905				
10	PV2 BPSK	1	1	24.28	24.49	24.19	26.0	0.0		
Channel				370500	376000	381500	tune-up limit (dBm)	MPR		
Frequency (MHz)				1852.5	1880	1907.5				
5	PV2 BPSK	1	1	24.30	24.45	24.26	26.0	0.0		

n5_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				166900	167300	167800				
Frequency (MHz)				834	836.5	839				
20	PV2 BPSK	1	1	20.69	21.01	20.88				
20	PV2 BPSK	1	53	20.77	20.88	20.76	22.5	0.0		
20	PV2 BPSK	1	104	20.74	20.74	20.71				
20	PV2 BPSK	50	0	20.81	20.88	20.72	22.5	0.0		
20	PV2 BPSK	50	28	20.67	21.00	20.96	22.5	0.0		
20	PV2 BPSK	50	56	20.78	20.79	20.72	22.5	0.0		
20	PV2 BPSK	100	0	20.85	20.88	20.89				
20	QPSK	1	1	20.92	20.97	20.93				
20	QPSK	1	53	20.73	20.73	20.79	22.5	0.0		
20	QPSK	1	104	20.77	20.77	20.71				
20	QPSK	50	0	20.90	20.79	20.82	22.5	0.0		
20	QPSK	50	28	20.82	20.78	20.91	22.5	0.0		
20	QPSK	50	56	20.75	20.75	20.70	22.5	0.0		
20	QPSK	100	0	20.89	20.71	20.89				
20	16QAM	1	1	21.00	20.85	20.83	22.5	0.0		
20	16QAM	1	1	20.77	21.00	20.88	22.5	0.0		
20	256QAM	1	1	20.75	20.71	20.76	21.5	1.0		
Channel				166300	167300	168300	tune-up limit (dBm)	MPR		
Frequency (MHz)				831.5	836.5	841.5				
15	PV2 BPSK	1	1	20.69	20.82	20.85	22.5	0.0		
Channel				165800	167300	168800	tune-up limit (dB)	MPR		
Frequency (MHz)				829	836.5	844				
10	PV2 BPSK	1	1	20.78	20.83	20.87	22.5	0.0		
Channel				165300	167300	168300	tune-up limit (dBm)	MPR		
Frequency (MHz)				826.5	836.5	846.5				
5	PV2 BPSK	1	1	20.81	20.87	20.85	22.5	0.0		



n5_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				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	22.09	22.88	22.06			
20	PI2 BPSK	1	53	22.69	22.65	22.56	24.5	0.0	
20	PI2 BPSK	1	104	22.51	22.58	22.54			
20	PI2 BPSK	50	0	22.82	22.85	22.83	24.5	0.0	
20	PI2 BPSK	50	28	22.08	22.86	22.05	24.5	0.0	
20	PI2 BPSK	50	56	22.59	22.58	22.57			
20	PI2 BPSK	100	0	22.88	22.84	22.58	24.5	0.0	
20	QPSK	1	1	22.82	22.89	22.82			
20	QPSK	1	53	22.66	22.67	22.64	24.5	0.0	
20	QPSK	1	104	22.87	22.59	22.59			
20	QPSK	50	0	22.83	22.85	22.58	24.5	0.0	
20	QPSK	50	28	22.71	22.85	22.56	24.5	0.0	
20	QPSK	50	56	22.50	22.58	22.50			
20	QPSK	100	0	22.78	22.86	22.54	24.5	0.0	
20	16QAM	1	1	22.82	22.83	22.78	24.5	0.0	
20	64QAM	1	1	22.53	22.84	22.76	23.5	1.0	
20	256QAM	1	1	20.65	20.70	20.67	21.5	3.0	
Channel				168300	167300	168300	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	22.81	22.77	22.52	24.5	0.0	
Channel				169800	167300	169800	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI2 BPSK	1	1	22.53	22.77	22.66	24.5	0.0	
Channel				165300	167300	165300	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI2 BPSK	1	1	22.65	22.87	22.58	24.5	0.0	

n7_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	20.04	20.08	20.07			
40	PI2 BPSK	1	108	20.00	20.04	20.03	21.5	0.0	
40	PI2 BPSK	1	214	19.84	20.03	19.92			
40	PI2 BPSK	108	0	19.86	19.86	19.93	21.5	0.0	
40	PI2 BPSK	108	54	20.05	20.05	20.03	21.5	0.0	
40	PI2 BPSK	108	108	19.85	19.89	19.95			
40	PI2 BPSK	216	0	19.87	20.03	19.88	21.5	0.0	
40	QPSK	1	1	20.04	19.97	19.83			
40	QPSK	1	108	20.02	19.98	19.73	21.5	0.0	
40	QPSK	1	214	19.97	20.03	19.93			
40	QPSK	108	0	19.82	20.03	20.05	21.5	0.0	
40	QPSK	108	54	19.90	19.98	19.93	21.5	0.0	
40	QPSK	108	108	20.05	20.05	20.04			
40	QPSK	216	0	19.81	19.92	19.91	21.5	0.0	
40	16QAM	1	1	19.83	19.88	19.87	21.5	0.0	
40	64QAM	1	1	19.83	19.94	19.86	21.5	0.0	
40	256QAM	1	1	19.83	19.98	20.05	21.5	0.0	
Channel				503000	507000	511000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	PI2 BPSK	1	1	19.89	20.03	19.97	21.5	0.0	
Channel				502500	507000	511500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	PI2 BPSK	1	1	20.04	20.01	20.02	21.5	0.0	
Channel				502000	507000	512000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	19.89	20.00	19.98	21.5	0.0	
Channel				501500	507000	512500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI2 BPSK	1	1	20.05	20.02	20.08	21.5	0.0	
Channel				501000	507000	513000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	PI2 BPSK	1	1	19.94	20.05	19.97	21.5	0.0	
Channel				500500	507000	513500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI2 BPSK	1	1	19.97	20.00	19.92	21.5	0.0	

n7_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	18.45	18.54	18.53			
40	PI2 BPSK	1	108	18.42	18.52	18.39	20.0	0.0	
40	PI2 BPSK	1	214	18.40	18.51	18.40			
40	PI2 BPSK	108	0	18.33	18.43	18.38	19.5	0.5	
40	PI2 BPSK	108	54	18.44	18.50	18.45	20.0	0.0	
40	PI2 BPSK	108	108	18.37	18.44	18.47			
40	PI2 BPSK	216	0	18.40	18.47	18.32	19.5	0.5	
40	QPSK	1	1	18.50	18.50	18.43			
40	QPSK	1	108	18.50	18.52	18.38	20.0	0.0	
40	QPSK	1	214	18.43	18.49	18.35			
40	QPSK	108	0	18.45	18.39	18.46	20.0	0.0	
40	QPSK	108	54	18.47	18.51	18.40	20.0	0.0	
40	QPSK	108	108	18.50	18.52	18.39			
40	QPSK	216	0	18.39	18.52	18.48	20.0	0.0	
40	16QAM	1	1	18.44	18.41	18.46	20.0	0.0	
40	64QAM	1	1	18.33	18.47	18.42	20.0	0.0	
40	256QAM	1	1	18.50	18.36	18.44	20.0	0.0	
Channel				503000	507000	511000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	PI2 BPSK	1	1	18.30	18.44	18.49	20.0	0.0	
Channel				502500	507000	511500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	PI2 BPSK	1	1	18.32	18.46	18.40	20.0	0.0	
Channel				502000	507000	512000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	PI2 BPSK	1	1	18.32	18.43	18.38	20.0	0.0	
Channel				501500	507000	512500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI2 BPSK	1	1	18.44	18.51	18.38	20.0	0.0	
Channel				501000	507000	513000	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	PI2 BPSK	1	1	18.33	18.42	18.41	20.0	0.0	
Channel				500500	507000	513500	tone-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI2 BPSK	1	1	18.48	18.44	18.45	20.0	0.0	



n66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				349000	349000	350000				
Frequency (MHz)				1730	1745	1760				
40	PI2 BPSK	1	1	21.76	21.73	21.59				
40	PI2 BPSK	1	108	21.66	21.61	21.55	23.0	0.0		
40	PI2 BPSK	1	214	21.70	21.66	21.52				
40	PI2 BPSK	108	0	21.67	21.57	21.52	23.0	0.0		
40	PI2 BPSK	108	54	21.74	21.72	21.57				
40	PI2 BPSK	108	108	21.71	21.64	21.54				
40	PI2 BPSK	216	0	21.73	21.70	21.55	23.0	0.0		
40	QPSK	1	1	21.73	21.71	21.46				
40	QPSK	1	108	21.55	21.68	21.57	23.0	0.0		
40	QPSK	1	214	21.55	21.61	21.65				
40	QPSK	108	0	21.73	21.66	21.38	23.0	0.0		
40	QPSK	108	54	21.51	21.68	21.56	23.0	0.0		
40	QPSK	108	108	21.52	21.60	21.67				
40	QPSK	216	0	21.50	21.62	21.49	23.0	0.0		
40	16QAM	1	1	21.39	21.65	21.62	23.0	0.0		
40	64QAM	1	1	21.84	21.70	21.46	23.0	0.0		
40	256QAM	1	1	20.92	20.80	20.77	21.5	1.5		
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	PI2 BPSK	1	1	21.88	21.65	21.46	23.0	0.0		
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	PI2 BPSK	1	1	21.61	21.65	21.74	23.0	0.0		
Channel				343000	349000	350000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	PI2 BPSK	1	1	21.66	21.66	21.55	23.0	0.0		
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	PI2 BPSK	1	1	21.63	21.72	21.69	23.0	0.0		

n66_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				346000	349000	350000				
Frequency (MHz)				1730	1745	1760				
40	PI2 BPSK	1	1	25.01	24.95	24.90				
40	PI2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0		
40	PI2 BPSK	1	214	24.86	24.92	24.86				
40	PI2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5		
40	PI2 BPSK	108	54	24.97	24.63	24.54				
40	PI2 BPSK	108	108	24.88	24.87	24.88				
40	PI2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5		
40	QPSK	1	1	24.98	24.89	24.95				
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0		
40	QPSK	1	214	24.94	24.86	24.84				
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0		
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0		
40	QPSK	108	108	24.47	24.44	24.45				
40	QPSK	216	0	24.41	24.46	24.35	25.0	1.0		
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0		
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5		
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5		
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	PI2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0		
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	PI2 BPSK	1	1	24.92	24.85	24.84	25.0	0.0		
Channel				343000	349000	350000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	PI2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0		
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	PI2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0		

n71_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				134600	136100	137600				
Frequency (MHz)				673	680.5	688				
20	PI2 BPSK	1	1	24.58	24.67	24.64				
20	PI2 BPSK	1	53	24.55	24.66	24.02	26.0	0.0		
20	PI2 BPSK	1	104	24.54	24.15	24.05				
20	PI2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5		
20	PI2 BPSK	50	28	24.57	24.65	24.25	26.0	0.0		
20	PI2 BPSK	50	56	24.50	24.34	23.86				
20	PI2 BPSK	100	0	24.61	24.62	24.10	25.5	0.5		
20	QPSK	1	1	24.55	24.63	24.65				
20	QPSK	1	53	24.62	24.65	24.05	26.0	0.0		
20	QPSK	1	104	24.58	24.13	24.07				
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0		
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0		
20	QPSK	50	56	24.19	23.78	23.67				
20	QPSK	100	0	24.15	24.07	23.59	25.0	1.0		
20	16QAM	1	1	24.25	24.38	24.44	25.0	1.0		
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5		
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5		
Channel				134100	136100	138100	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	PI2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0		
Channel				133600	136100	138600	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	680.5	693				
10	PI2 BPSK	1	1	24.47	24.55	24.44	26.0	0.0		
Channel				133100	136100	139100	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	695.5				
5	PI2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0		



n71_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				134000	139100	137000		
Frequency (MHz)				675	690.5	698		
20	Pl2 BPSK	1	1	24.53	24.67	24.64	26.0	0.0
20	Pl2 BPSK	1	53	24.55	24.66	24.02		
20	Pl2 BPSK	1	104	24.54	24.15	24.05		
20	Pl2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5
20	Pl2 BPSK	50	28	24.57	24.65	24.35	26.0	0.0
20	Pl2 BPSK	50	56	24.50	24.34	23.66	25.5	0.5
20	Pl2 BPSK	100	0	24.61	24.62	24.10		
20	QPSK	1	1	24.55	24.63	24.65	26.0	0.0
20	QPSK	1	53	24.62	24.65	24.05		
20	QPSK	1	104	24.58	24.13	24.07		
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0
20	QPSK	50	56	24.19	23.78	23.67	25.0	1.0
20	QPSK	100	0	24.15	24.07	23.59		
20	16QAM	1	1	24.25	24.36	24.44	25.0	1.0
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5
Channel				134100	136100	138100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	690.5	690.5		
15	Pl2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0
Channel				133600	136100	138600	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	690.5	693		
10	Pl2 BPSK	1	1	24.47	24.59	24.44	26.0	0.0
Channel				133100	136100	139100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	690.5	695.5		
5	Pl2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0



Part270_n77_Ant 7									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	662000			
	Frequency (MHz)			3750	3840	3930			
100	PI2 BPSK	1	1	21.22	21.29	21.18			
100	PI2 BPSK	1	137	21.17	21.27	21.13	22.5	0.0	
100	PI2 BPSK	1	271	21.16	21.23	21.15			
100	PI2 BPSK	135	0	21.18	21.19	21.22	22.5	0.0	
100	PI2 BPSK	135	69	21.22	21.25	21.23	22.5	0.0	
100	PI2 BPSK	135	138	21.17	21.19	21.11			
100	PI2 BPSK	270	0	21.13	21.24	21.22	22.5	0.0	
100	QPSK	1	1	21.05	21.24	21.21			
100	QPSK	1	137	21.12	21.25	21.19	22.5	0.0	
100	QPSK	1	271	21.11	21.25	21.18			
100	QPSK	135	0	21.18	21.20	21.15			
100	QPSK	135	69	21.16	21.18	21.13	22.5	0.0	
100	QPSK	135	138	21.12	21.14	21.12			
100	QPSK	270	0	21.10	21.17	21.05	22.5	0.0	
100	16QAM	1	1	21.20	21.27	21.16	22.5	0.0	
100	64QAM	1	1	21.15	21.25	21.15	22.5	0.0	
100	256QAM	1	1	21.18	21.22	21.02	22.5	0.0	
	Channel			649334	650000	662000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3934.98			
90	PI2 BPSK	1	1	21.22	21.14	21.18			
	Channel			649334	650000	662000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3939.99			
80	PI2 BPSK	1	1	21.07	21.22	21.18	22.5	0.0	
	Channel			649000	650000	663000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3735	3840	3945			
70	PI2 BPSK	1	1	21.10	21.00	21.10	22.5	0.0	
	Channel			648668	650000	663332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3949.98			
60	PI2 BPSK	1	1	21.20	21.20	20.98	22.5	0.0	
	Channel			648334	650000	663666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3725.01	3840	3954.99			
50	PI2 BPSK	1	1	21.12	21.20	21.17	22.5	0.0	
	Channel			648000	650000	664000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3720	3840	3960			
40	PI2 BPSK	1	1	21.09	21.15	21.00	22.5	0.0	
	Channel			647668	650000	664332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3715.02	3840	3964.98			
30	PI2 BPSK	1	1	21.18	21.25	21.07	22.5	0.0	
	Channel			647334	650000	664666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3710.01	3840	3969.99			
20	PI2 BPSK	1	1	21.13	21.09	21.08	22.5	0.0	
	Channel			647188	650000	664832	limit (dB)	MPR (dB)	
	Frequency (MHz)			3707.52	3840	3972.48			
15	PI2 BPSK	1	1	21.04	21.15	21.15	22.5	0.0	
	Channel			647000	650000	665000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3705	3840	3975			
10	PI2 BPSK	1	1	21.06	21.20	21.13	22.5	0.0	

Part270_n77_Ant 8									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	662000			
	Frequency (MHz)			3750	3840	3930			
100	PI2 BPSK	1	1	19.24	19.28	19.19			
100	PI2 BPSK	1	137	19.19	19.23	19.12	20.5	0.0	
100	PI2 BPSK	1	271	19.15	19.25	19.14			
100	PI2 BPSK	135	0	19.21	19.22	19.19	20.5	0.0	
100	PI2 BPSK	135	69	19.22	19.25	19.23	20.5	0.0	
100	PI2 BPSK	135	138	19.13	19.21	19.18			
100	PI2 BPSK	270	0	19.14	19.23	19.14	20.5	0.0	
100	QPSK	1	1	19.21	19.16	19.09			
100	QPSK	1	137	19.20	19.24	19.10	20.5	0.0	
100	QPSK	1	271	19.26	19.25	19.13			
100	QPSK	135	0	19.15	19.18	19.23			
100	QPSK	135	69	19.08	19.12	19.05	20.5	0.0	
100	QPSK	135	138	19.05	19.17	19.02			
100	QPSK	270	0	19.05	19.18	19.09	20.5	0.0	
100	16QAM	1	1	19.16	19.24	19.23	20.5	0.0	
100	64QAM	1	1	19.17	19.27	19.26	20.5	0.0	
100	256QAM	1	1	19.19	19.19	19.11	20.5	0.0	
	Channel			649668	650000	663332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3934.98			
90	PI2 BPSK	1	1	19.16	19.16	19.11	20.5	0.0	
	Channel			649334	650000	662666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3939.99			
80	PI2 BPSK	1	1	19.17	19.17	19.10	20.5	0.0	
	Channel			649000	650000	663000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3735	3840	3945			
70	PI2 BPSK	1	1	19.18	19.22	19.13	20.5	0.0	
	Channel			648668	650000	663332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3949.98			
60	PI2 BPSK	1	1	19.16	19.23	19.08	20.5	0.0	
	Channel			648334	650000	663666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3725.01	3840	3954.99			
50	PI2 BPSK	1	1	19.14	19.18	19.16	20.5	0.0	
	Channel			648000	650000	664000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3720	3840	3960			
40	PI2 BPSK	1	1	19.09	19.14	19.10	20.5	0.0	
	Channel			647668	650000	664332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3715.02	3840	3964.98			
30	PI2 BPSK	1	1	19.16	19.14	19.10	20.5	0.0	
	Channel			647334	650000	664666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3710.01	3840	3969.99			
20	PI2 BPSK	1	1	19.13	19.17	19.18	20.5	0.0	
	Channel			647188	650000	664832	limit (dB)	MPR (dB)	
	Frequency (MHz)			3707.52	3840	3972.48			
15	PI2 BPSK	1	1	19.09	19.24	19.11	20.5	0.0	
	Channel			647000	650000	665000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3705	3840	3975			
10	PI2 BPSK	1	1	19.08	19.16	19.10	20.5	0.0	

Part270_n77_Ant 9									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
	Channel			650000	650000	662000			
	Frequency (MHz)			3750	3840	3930			
100	PI2 BPSK	1	1	10.17	10.31	10.15			
100	PI2 BPSK	1	137	10.15	10.27	10.14	11.5	0.0	
100	PI2 BPSK	1	271	10.11	10.25	10.07			
100	PI2 BPSK	135	0	10.08	10.23	10.19	11.5	0.0	
100	PI2 BPSK	135	69	10.14	10.29	10.22	11.5	0.0	
100	PI2 BPSK	135	138	10.06	10.19	10.06			
100	PI2 BPSK	270	0	10.08	10.27	10.08	11.5	0.0	
100	QPSK	1	1	10.20	10.21	10.20			
100	QPSK	1	137	10.13	10.15	10.00	11.5	0.0	
100	QPSK	1	271	10.14	10.23	10.06			
100	QPSK	135	0	10.18	10.25	10.22			
100	QPSK	135	69	9.98	10.14	10.07	11.5	0.0	
100	QPSK	135	138	9.98	10.13	9.94			
100	QPSK	270	0	10.28	10.29	10.27	11.5	0.0	
100	16QAM	1	1	10.15	10.28	10.11	11.5	0.0	
100	64QAM	1	1	10.10	10.27	10.14	11.5	0.0	
100	256QAM	1	1	10.20	10.20	10.20	11.5	0.0	
	Channel			649668	650000	663332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3745.02	3840	3934.98			
90	PI2 BPSK	1	1	10.08	10.11	10.05	11.5	0.0	
	Channel			649334	650000	662666	limit (dB)	MPR (dB)	
	Frequency (MHz)			3740.01	3840	3939.99			
80	PI2 BPSK	1	1	10.14	10.13	10.08	11.5	0.0	
	Channel			649000	650000	663000	limit (dB)	MPR (dB)	
	Frequency (MHz)			3735	3840	3945			
70	PI2 BPSK	1	1	10.08	10.14	10.02	11.5	0.0	
	Channel			648668	650000	663332	limit (dB)	MPR (dB)	
	Frequency (MHz)			3730.02	3840	3949.98			
60	PI2 BPSK	1	1	10.05	10.14	10.04	11.5	0.0	
	Channel			648334	650000	663666	limit (dB)	MPR (dB)	



Part270_n77_Ant 10									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	18.80	18.81	18.87			
100	PI2 BPSK	1	137	18.80	18.74	18.84	20.0	0.0	
100	PI2 BPSK	1	271	18.88	18.75	18.58			
100	PI2 BPSK	135	0	18.88	18.66	18.59	20.0	0.0	
100	PI2 BPSK	135	69	18.72	18.75	18.68	20.0	0.0	
100	PI2 BPSK	135	138	18.54	18.87	18.48			
100	PI2 BPSK	270	0	18.88	18.71	18.56	20.0	0.0	
100	QPSK	1	1	18.65	18.69	18.58			
100	QPSK	1	137	18.59	18.73	18.64	20.0	0.0	
100	QPSK	1	271	18.80	18.71	18.67			
100	QPSK	135	0	18.52	18.70	18.67			
100	QPSK	135	69	18.56	18.73	18.59	20.0	0.0	
100	QPSK	135	138	18.60	18.69	18.57			
100	QPSK	270	0	18.53	18.73	18.61	20.0	0.0	
100	16QAM	1	1	18.68	18.77	18.64	20.0	0.0	
100	64QAM	1	1	18.75	18.75	18.64	20.0	0.0	
100	256QAM	1	1	18.47	18.86	18.48	20.0	0.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	18.76	18.67	18.64	20.0	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	18.68	18.79	18.61	20.0	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	18.70	18.72	18.68	20.0	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	18.68	18.69	18.61	20.0	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	18.62	18.71	18.63	20.0	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	18.51	18.72	18.66	20.0	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	18.64	18.64	18.63	20.0	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	18.67	18.74	18.57	20.0	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	18.75	18.62	18.52	20.0	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	18.60	18.70	18.48	20.0	0.0	

Part270_n78_Ant 7									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		21.25				
100	PI2 BPSK	1	137		21.21		22.5	0.0	
100	PI2 BPSK	1	271		21.20				
100	PI2 BPSK	135	0		21.23		22.5	0.0	
100	PI2 BPSK	135	69		21.14		22.5	0.0	
100	PI2 BPSK	135	138		21.13		22.5	0.0	
100	PI2 BPSK	270	0		21.20				
100	QPSK	1	1		21.23				
100	QPSK	1	137		21.18		22.5	0.0	
100	QPSK	1	271		21.16				
100	QPSK	135	0		21.14				
100	QPSK	135	69		21.09		22.5	0.0	
100	QPSK	135	138		21.08				
100	QPSK	270	0		21.07		22.5	0.0	
100	16QAM	1	1		21.18		22.5	0.0	
100	64QAM	1	1		21.16		22.5	0.0	
100	256QAM	1	1		21.17		21.5	1.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	21.07	21.15	21.16	22.5	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	20.98	21.05	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	20.89	20.85	21.09	22.5	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	20.89	21.09	21.00	22.5	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	21.00	21.08	21.13	22.5	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	20.85	21.10	21.08	22.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	21.03	21.04	21.00	22.5	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	20.92	20.95	20.98	22.5	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	20.93	20.98	21.05	22.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	20.89	21.14	21.14	22.5	0.0	

Part270_n78_Ant 8									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1		19.25				
100	PI2 BPSK	1	137		19.22		20.5	0.0	
100	PI2 BPSK	1	271		19.19				
100	PI2 BPSK	135	0		19.12		20.5	0.0	
100	PI2 BPSK	135	69		19.24		20.5	0.0	
100	PI2 BPSK	135	138		19.04		20.5	0.0	
100	PI2 BPSK	270	0		19.21				
100	QPSK	1	1		19.22				
100	QPSK	1	137		19.18		20.5	0.0	
100	QPSK	1	271		19.15				
100	QPSK	135	0		19.15				
100	QPSK	135	69		19.13		20.5	0.0	
100	QPSK	135	138		19.03				
100	QPSK	270	0		19.08		20.5	0.0	
100	16QAM	1	1		19.24		20.5	0.0	
100	64QAM	1	1		19.21		20.5	0.0	
100	256QAM	1	1		19.10		20.5	0.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	19.24	19.12	19.22	20.5	0.0	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	19.15	19.02	19.21	20.5	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	19.24	19.06	19.21	20.5	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	19.20	19.08	19.12	20.5	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	19.19	19.20	19.23	20.5	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	19.17	19.08	19.21	20.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	19.14	19.20	19.20	20.5	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	19.23	19.15	19.24	20.5	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	19.23	19.14	19.23	20.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	19.23	19.11	19.25	20.5	0.0	



Part270_n78_Ant 9									
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)									
100	PI2 BPSK	1	1		10.26				
100	PI2 BPSK	1	137		10.22		11.5	0.0	
100	PI2 BPSK	1	271		10.15				
100	PI2 BPSK	135	0		10.26		11.5	0.0	
100	PI2 BPSK	135	69		10.27		11.5	0.0	
100	PI2 BPSK	135	138		10.18		11.5	0.0	
100	PI2 BPSK	270	0		10.25				
100	QPSK	1	1		10.23				
100	QPSK	1	137		10.21		11.5	0.0	
100	QPSK	1	271		10.19				
100	QPSK	135	0		10.22				
100	QPSK	135	69		10.19		11.5	0.0	
100	QPSK	135	138		10.25				
100	QPSK	270	0		10.19		11.5	0.0	
100	16QAM	1	1		10.21		11.5	0.0	
100	64QAM	1	1		10.26		11.5	0.0	
100	256QAM	1	1		10.26		11.5	0.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	649668	650000	650332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	649334	650000	650666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	3740.01	3750	3759.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	10.19	10.08	10.12	11.5	0.0	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	649000	650000	651000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	3735	3750	3765	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	10.08	10.05	10.10	11.5	0.0	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	648668	650000	651332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	3730.02	3750	3769.98	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	10.14	10.17	10.16	11.5	0.0	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	648334	650000	651666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	3725.01	3750	3774.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	10.17	10.21	10.15	11.5	0.0	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	648000	650000	652000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	3720	3750	3780	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	10.17	10.07	10.20	11.5	0.0	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	647668	650000	652332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	3715.02	3750	3784.98	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	10.14	10.08	10.10	11.5	0.0	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	647334	650000	652666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	3710.01	3750	3789.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	10.21	10.13	10.19	11.5	0.0	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	647168	650000	652832	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	3707.52	3750	3782.48	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
15	PI2 BPSK	1	1	10.20	10.16	10.13	11.5	0.0	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	647000	650000	653000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	3705	3750	3795	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	10.11	10.22	10.18	11.5	0.0	

Part270_n78_Ant 10									
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)									
100	PI2 BPSK	1	1		16.79				
100	PI2 BPSK	1	137		18.71		20.0	0.0	
100	PI2 BPSK	1	271		18.74				
100	PI2 BPSK	135	0		18.65		20.0	0.0	
100	PI2 BPSK	135	69		18.77		20.0	0.0	
100	PI2 BPSK	135	138		18.69		20.0	0.0	
100	PI2 BPSK	270	0		18.74				
100	QPSK	1	1		18.71				
100	QPSK	1	137		18.76		20.0	0.0	
100	QPSK	1	271		18.68				
100	QPSK	135	0		18.69				
100	QPSK	135	69		18.74		20.0	0.0	
100	QPSK	135	138		18.75				
100	QPSK	270	0		18.73		20.0	0.0	
100	16QAM	1	1		18.76		20.0	0.0	
100	64QAM	1	1		18.75		20.0	0.0	
100	256QAM	1	1		18.67		20.0	0.0	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	649668	650000	650332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
90	PI2 BPSK	1	1	18.64	18.69	18.71	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	649334	650000	650666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	3740.01	3750	3759.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	PI2 BPSK	1	1	18.74	18.71	18.62	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	649000	650000	651000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	3735	3750	3765	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	18.67	18.65	18.68	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	648668	650000	651332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	PI2 BPSK	1	1	3730.02	3750	3769.98	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	18.67	18.58	18.64	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	648334	650000	651666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	3725.01	3750	3774.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	PI2 BPSK	1	1	18.72	18.60	18.69	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	648000	650000	652000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	3720	3750	3780	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	PI2 BPSK	1	1	18.44	18.55	18.67	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	647668	650000	652332	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	3715.02	3750	3784.98	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	PI2 BPSK	1	1	18.53	18.57	18.69	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	647334	650000	652666	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	3710.01	3750	3789.99	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	PI2 BPSK	1	1	18.57	18.66	18.56	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	647168	650000	652832	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	3707.52	3750	3782.48	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	18.62	18.62	18.68	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	647000	650000	653000	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	3705	3750	3795	turn-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	18.61	18.62	18.57	turn-up limit (dBm)	MPR (dB)	



ENDC Power for State 13&14

n2_Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	21.93	22.11	22.04			
20	PI2 BPSK	1	53	21.87	22.09	21.87	23.5	0.0	
20	PI2 BPSK	1	104	21.90	22.05	21.89			
20	PI2 BPSK	50	0	21.88	22.02	21.86	23.5	0.0	
20	PI2 BPSK	50	28	21.89	22.09	21.95	23.5	0.0	
20	PI2 BPSK	50	56	21.76	21.91	21.88			
20	PI2 BPSK	100	0	21.93	22.05	21.85	23.5	0.0	
20	QPSK	1	1	21.91	22.02	21.85			
20	QPSK	1	53	22.03	22.05	21.98	23.5	0.0	
20	QPSK	1	104	21.90	22.03	21.89			
20	QPSK	50	0	22.01	22.05	21.87	23.5	0.0	
20	QPSK	50	28	21.88	22.04	21.98	23.5	0.0	
20	QPSK	50	56	21.89	21.99	21.98			
20	QPSK	100	0	21.89	21.98	21.89	23.5	0.0	
20	16QAM	1	1	22.02	22.09	21.92	23.5	0.0	
20	64QAM	1	1	21.84	21.92	22.02	23.5	0.0	
20	256QAM	1	1	20.31	20.33	20.30	21.5	2.0	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	21.75	21.78	21.87	23.5	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	21.79	21.77	21.72	23.5	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	21.78	21.81	21.73	23.5	0.0	

n2_Ant 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000			
Frequency (MHz)				1860	1880	1900			
20	PI2 BPSK	1	1	24.39	24.52	24.37			
20	PI2 BPSK	1	53	24.24	24.46	24.16	26.0	0.0	
20	PI2 BPSK	1	104	24.38	24.38	24.08			
20	PI2 BPSK	50	0	24.18	24.44	24.20	25.5	0.5	
20	PI2 BPSK	50	28	24.26	24.49	24.27	26.0	0.0	
20	PI2 BPSK	50	56	24.23	24.46	24.05			
20	PI2 BPSK	100	0	24.18	24.47	24.20	25.5	0.5	
20	QPSK	1	1	24.28	24.49	24.41			
20	QPSK	1	53	24.27	24.51	24.14	26.0	0.0	
20	QPSK	1	104	24.45	24.43	24.13			
20	QPSK	50	0	24.21	24.42	24.24	25.0	1.0	
20	QPSK	50	28	24.19	24.49	24.09	26.0	0.0	
20	QPSK	50	56	24.27	24.44	24.07			
20	QPSK	100	0	24.16	24.47	24.20	25.0	1.0	
20	16QAM	1	1	24.46	24.47	24.49	26.0	1.0	
20	64QAM	1	1	22.92	22.97	22.99	23.5	2.5	
20	256QAM	1	1	20.74	20.85	20.84	21.5	4.5	
Channel				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI2 BPSK	1	1	24.34	24.51	24.29	26.0	0.0	
Channel				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI2 BPSK	1	1	24.28	24.49	24.19	26.0	0.0	
Channel				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI2 BPSK	1	1	24.30	24.45	24.26	26.0	0.0	

n5_Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166900	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI2 BPSK	1	1	24.32	24.41	24.26			
20	PI2 BPSK	1	53	24.15	24.12	24.09	26.0	0.0	
20	PI2 BPSK	1	104	24.03	24.10	24.03			
20	PI2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5	
20	PI2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0	
20	PI2 BPSK	50	56	24.15	24.09	24.06			
20	PI2 BPSK	100	0	24.26	24.38	24.16	25.5	0.5	
20	QPSK	1	1	24.38	24.36	24.30			
20	QPSK	1	53	24.24	24.17	24.17	26.0	0.0	
20	QPSK	1	104	24.11	24.13	24.10			
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0	
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0	
20	QPSK	50	56	24.16	24.10	24.08			
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0	
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0	
20	64QAM	1	1	22.95	22.99	22.92	23.5	2.5	
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5	
Channel				166300	167300	168300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI2 BPSK	1	1	24.39	24.28	24.27	26.0	0.0	
Channel				165800	167300	168800	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826	836.5	844			
10	PI2 BPSK	1	1	24.33	24.19	24.24	26.0	0.0	
Channel				165300	167300	169300	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI2 BPSK	1	1	24.34	24.25	24.19	26.0	0.0	



n5_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				834	836.5	839		
20	PI2 BPSK	1	1	24.32	24.41	24.26		
20	PI2 BPSK	1	53	24.15	24.12	24.09	28.0	0.0
20	PI2 BPSK	1	104	24.03	24.10	24.03		
20	PI2 BPSK	50	0	24.23	24.18	24.16	25.5	0.5
20	PI2 BPSK	50	28	24.30	24.32	24.24	26.0	0.0
20	PI2 BPSK	50	56	24.15	24.06	24.06		
20	PI2 BPSK	100	0	24.26	24.26	24.16	25.5	0.5
20	QPSK	1	1	24.38	24.36	24.30		
20	QPSK	1	53	24.24	24.17	24.17	28.0	0.0
20	QPSK	1	104	24.11	24.13	24.10		
20	QPSK	50	0	24.31	24.26	24.24	25.0	1.0
20	QPSK	50	28	24.22	24.18	24.16	26.0	0.0
20	QPSK	50	56	24.16	24.10	24.08		
20	QPSK	100	0	24.28	24.19	24.16	25.0	1.0
20	16QAM	1	1	24.40	24.37	24.35	25.0	1.0
20	64QAM	1	1	22.95	22.99	22.92	23.5	2.5
20	256QAM	1	1	20.90	20.84	20.78	21.5	4.5
Channel				168300	167300	168300	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI2 BPSK	1	1	24.39	24.28	24.27	28.0	0.0
Channel				169800	167300	168800	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI2 BPSK	1	1	24.33	24.19	24.24	23.0	0.0
Channel				165300	167300	165300	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	PI2 BPSK	1	1	24.34	24.25	24.19	28.0	0.0

n7_Ant 1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	20.04	20.08	20.07		
40	PI2 BPSK	1	108	20.00	20.04	20.03	21.5	0.0
40	PI2 BPSK	1	214	19.84	20.03	19.92		
40	PI2 BPSK	108	0	19.86	19.86	19.93	21.5	0.0
40	PI2 BPSK	108	54	20.05	20.05	20.03	21.5	0.0
40	PI2 BPSK	108	108	19.85	19.89	19.95		
40	PI2 BPSK	216	0	19.87	20.03	19.88	21.5	0.0
40	QPSK	1	1	20.04	19.97	19.83		
40	QPSK	1	108	20.02	19.98	19.73	21.5	0.0
40	QPSK	1	214	19.97	20.03	19.93		
40	QPSK	108	0	19.82	20.03	20.05	21.5	0.0
40	QPSK	108	54	19.90	19.98	19.93	21.5	0.0
40	QPSK	108	108	20.05	20.05	20.04		
40	QPSK	216	0	19.81	19.92	19.91	21.5	0.0
40	16QAM	1	1	19.83	19.88	19.87	21.5	0.0
40	64QAM	1	1	19.83	19.94	19.86	21.5	0.0
40	256QAM	1	1	19.83	19.98	20.05	21.5	0.0
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI2 BPSK	1	1	19.89	20.03	19.97	21.5	0.0
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI2 BPSK	1	1	20.04	20.01	20.02	21.5	0.0
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	19.89	20.00	19.98	21.5	0.0
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI2 BPSK	1	1	20.05	20.02	20.08	21.5	0.0
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI2 BPSK	1	1	19.94	20.05	19.97	21.5	0.0
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI2 BPSK	1	1	19.97	20.00	19.92	21.5	0.0

n7_Ant 2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				2520	2535	2550		
40	PI2 BPSK	1	1	23.04	23.12	23.06		
40	PI2 BPSK	1	108	22.96	23.08	22.99	24.5	0.0
40	PI2 BPSK	1	214	22.88	23.06	22.90		
40	PI2 BPSK	108	0	22.92	22.94	22.94	24.5	0.0
40	PI2 BPSK	108	54	22.95	23.11	23.05	24.5	0.0
40	PI2 BPSK	108	108	22.94	23.02	22.98		
40	PI2 BPSK	216	0	22.96	23.00	22.91	24.5	0.0
40	QPSK	1	1	22.94	23.04	23.00		
40	QPSK	1	108	23.00	23.07	22.96	24.5	0.0
40	QPSK	1	214	22.95	23.08	22.88		
40	QPSK	108	0	23.00	23.05	22.96	24.5	0.0
40	QPSK	108	54	22.81	23.00	22.92	24.5	0.0
40	QPSK	108	108	22.85	23.05	23.03		
40	QPSK	216	0	22.90	22.99	22.84	24.5	0.0
40	16QAM	1	1	22.98	23.10	23.09	24.5	0.0
40	64QAM	1	1	22.82	22.89	22.82	23.5	1.0
40	256QAM	1	1	20.21	20.32	20.15	21.5	3.0
Channel				503000	507000	511000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	PI2 BPSK	1	1	22.99	22.82	23.01	24.5	0.0
Channel				502500	507000	511500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	PI2 BPSK	1	1	22.94	22.98	23.04	24.5	0.0
Channel				502000	507000	512000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI2 BPSK	1	1	22.99	23.00	22.91	24.5	0.0
Channel				501500	507000	512500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	PI2 BPSK	1	1	23.04	22.94	22.98	24.5	0.0
Channel				501000	507000	513000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	PI2 BPSK	1	1	22.89	22.96	22.92	24.5	0.0
Channel				500500	507000	513500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	PI2 BPSK	1	1	22.98	23.07	22.90	24.5	0.0



n66_Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				345000	349000	353000				
Frequency (MHz)				1730	1745	1760				
40	PV2 BPSK	1	1	23.08	22.98	22.95				
40	PV2 BPSK	1	108	22.98	22.95	22.93	24.0	0.0		
40	PV2 BPSK	1	214	22.80	22.84	22.78				
40	PV2 BPSK	108	0	22.94	22.89	22.84	24.0	0.0		
40	PV2 BPSK	108	54	22.95	22.94	22.88	24.0	0.0		
40	PV2 BPSK	108	108	22.99	22.93	22.85				
40	PV2 BPSK	216	0	22.96	22.90	22.75	24.0	0.0		
40	QPSK	1	1	22.88	22.98	22.72				
40	QPSK	1	108	22.86	22.90	22.69	24.0	0.0		
40	QPSK	1	214	22.84	22.86	22.91				
40	QPSK	108	0	22.78	22.96	22.91	24.0	0.0		
40	QPSK	108	54	22.71	22.81	22.85	24.0	0.0		
40	QPSK	108	108	22.86	23.02	22.94				
40	QPSK	216	0	22.90	22.97	22.77	24.0	0.0		
40	16QAM	1	1	23.02	23.06	22.97	24.0	0.0		
40	64QAM	1	1	22.20	22.33	22.16	23.5	0.5		
40	256QAM	1	1	19.84	20.12	20.06	21.5	2.5		
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	PV2 BPSK	1	1	22.96	22.89	22.75	24.0	0.0		
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	PV2 BPSK	1	1	22.82	22.79	22.85	24.0	0.0		
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	PV2 BPSK	1	1	22.99	22.83	22.71	24.0	0.0		
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	PV2 BPSK	1	1	22.91	22.94	23.03	24.0	0.0		

n66_Ant 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				346000	349000	352000				
Frequency (MHz)				1730	1745	1760				
40	PV2 BPSK	1	1	25.01	24.95	24.90				
40	PV2 BPSK	1	108	24.91	24.86	24.89	26.0	0.0		
40	PV2 BPSK	1	214	24.86	24.92	24.86				
40	PV2 BPSK	108	0	24.91	24.81	24.83	25.5	0.5		
40	PV2 BPSK	108	54	24.97	24.83	24.94	26.0	0.0		
40	PV2 BPSK	108	108	24.88	24.87	24.88				
40	PV2 BPSK	216	0	24.93	24.90	24.87	25.5	0.5		
40	QPSK	1	1	24.98	24.89	24.95				
40	QPSK	1	108	24.93	24.87	24.93	26.0	0.0		
40	QPSK	1	214	24.94	24.86	24.84				
40	QPSK	108	0	24.41	24.37	24.39	25.0	1.0		
40	QPSK	108	54	24.93	24.88	24.95	26.0	0.0		
40	QPSK	108	108	24.47	24.44	24.45				
40	QPSK	216	0	24.41	24.46	24.35	25.0	1.0		
40	16QAM	1	1	24.74	24.64	24.65	25.0	1.0		
40	64QAM	1	1	23.13	23.07	23.08	23.5	2.5		
40	256QAM	1	1	20.95	20.85	20.85	21.5	4.5		
Channel				344000	349000	354000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1720	1745	1770				
20	PV2 BPSK	1	1	24.99	24.85	24.89	26.0	0.0		
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	PV2 BPSK	1	1	24.92	24.85	24.84	26.0	0.0		
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	PV2 BPSK	1	1	24.89	24.77	24.82	26.0	0.0		
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	PV2 BPSK	1	1	24.92	24.83	24.87	26.0	0.0		

n71_Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				134000	136100	137600				
Frequency (MHz)				673	680.5	688				
20	PV2 BPSK	1	1	24.58	24.67	24.64				
20	PV2 BPSK	1	53	24.55	24.66	24.02	26.0	0.0		
20	PV2 BPSK	1	104	24.54	24.15	24.05				
20	PV2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5		
20	PV2 BPSK	50	28	24.57	24.65	24.25	26.0	0.0		
20	PV2 BPSK	50	56	24.50	24.34	23.86				
20	PV2 BPSK	100	0	24.61	24.62	24.10	25.5	0.5		
20	QPSK	1	1	24.55	24.63	24.65				
20	QPSK	1	53	24.62	24.65	24.05	26.0	0.0		
20	QPSK	1	104	24.58	24.13	24.07				
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0		
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0		
20	QPSK	50	56	24.19	23.78	23.67				
20	QPSK	100	0	24.15	24.07	23.59	25.0	1.0		
20	16QAM	1	1	24.25	24.38	24.44	25.0	1.0		
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5		
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5		
Channel				134100	136100	138100	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				670.5	680.5	690.5				
15	PV2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0		
Channel				133600	136100	138600	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				668	680.5	693				
10	PV2 BPSK	1	1	24.47	24.55	24.44	26.0	0.0		
Channel				133100	136100	139100	tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				665.5	680.5	695.5				
5	PV2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0		



n71_Ant 2

BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				134000	139100	137000		
Frequency (MHz)				675	690.5	698		
20	PI/2 BPSK	1	1	24.53	24.67	24.64	26.0	0.0
20	PI/2 BPSK	1	53	24.55	24.66	24.02		
20	PI/2 BPSK	1	104	24.54	24.15	24.05		
20	PI/2 BPSK	50	0	24.52	24.64	24.21	25.5	0.5
20	PI/2 BPSK	50	28	24.57	24.65	24.35	26.0	0.0
20	PI/2 BPSK	50	56	24.50	24.34	23.66	25.5	0.5
20	PI/2 BPSK	100	0	24.51	24.62	24.10		
20	QPSK	1	1	24.55	24.63	24.65	26.0	0.0
20	QPSK	1	53	24.62	24.65	24.05		
20	QPSK	1	104	24.58	24.13	24.07		
20	QPSK	50	0	24.09	24.15	24.00	25.0	1.0
20	QPSK	50	28	24.56	24.64	24.08	26.0	0.0
20	QPSK	50	56	24.19	23.78	23.67	25.0	1.0
20	QPSK	100	0	24.15	24.07	23.59		
20	16QAM	1	1	24.25	24.36	24.44	25.0	1.0
20	64QAM	1	1	22.71	22.80	22.86	23.5	2.5
20	256QAM	1	1	20.45	20.56	20.65	21.5	4.5
Channel				134100	136100	138100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	PI/2 BPSK	1	1	24.52	24.66	24.47	26.0	0.0
Channel				133600	136100	138600	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	690.5	693		
10	PI/2 BPSK	1	1	24.47	24.59	24.44	25.0	0.0
Channel				133100	136100	139100	tone-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	PI/2 BPSK	1	1	24.49	24.57	24.42	26.0	0.0



Part270_n77_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3750	3840	3930		
100	P12 BPSK	1	1	24.91	24.95	24.99		
100	P12 BPSK	1	137	24.90	24.81	24.72	26.0	0.0
100	P12 BPSK	1	271	24.76	24.83	24.73		
100	P12 BPSK	135	0	24.40	24.75	24.68	26.0	0.0
100	P12 BPSK	135	69	24.88	24.83	24.77	26.0	0.0
100	P12 BPSK	135	138	24.76	24.78	24.74		
100	P12 BPSK	270	0	24.87	24.82	24.73	26.0	0.0
100	QPSK	1	1	24.89	24.81	24.69		
100	QPSK	1	137	24.90	24.79	24.72	26.0	0.0
100	QPSK	1	271	24.77	24.83	24.78		
100	QPSK	135	0	24.66	24.75	24.63		
100	QPSK	135	69	24.85	24.73	24.77	26.0	0.0
100	QPSK	135	138	24.74	24.72	24.70		
100	QPSK	270	0	24.81	24.74	24.71	26.0	0.0
100	16QAM	1	1	24.78	24.67	24.72	26.0	0.0
100	64QAM	1	1	24.06	24.02	24.01	25.0	1.0
100	256QAM	1	1	21.96	21.87	21.78	23.0	3.0
Channel								
Frequency (MHz)								
				3745.02	3840	3934.98	limit (dB)	MPR (dB)
90	P12 BPSK	1	1	24.85	24.63	24.61	26.0	0.0
Channel								
Frequency (MHz)								
				649334	659000	662666	turn-up limit (dBm)	MPR (dB)
80	P12 BPSK	1	1	24.75	24.61	24.53	26.0	0.0
Channel								
Frequency (MHz)								
				649000	659000	663000	turn-up limit (dBm)	MPR (dB)
				3735	3840	3945	limit (dBm)	MPR (dB)
70	P12 BPSK	1	1	24.83	24.86	24.85	26.0	0.0
Channel								
Frequency (MHz)								
				648668	659000	663332	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3730.02	3840	3949.98	limit (dBm)	MPR (dB)
60	P12 BPSK	1	1	24.82	24.59	24.53	26.0	0.0
Channel								
Frequency (MHz)								
				648334	659000	663666	turn-up limit (dBm)	MPR (dB)
50	P12 BPSK	1	1	24.77	24.59	24.51	26.0	0.0
Channel								
Frequency (MHz)								
				648000	659000	664000	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3720	3840	3960	limit (dBm)	MPR (dB)
40	P12 BPSK	1	1	24.75	24.82	24.54	26.0	0.0
Channel								
Frequency (MHz)								
				647668	659000	664332	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3715.02	3840	3964.98	limit (dBm)	MPR (dB)
30	P12 BPSK	1	1	24.80	24.58	24.54	26.0	0.0
Channel								
Frequency (MHz)								
				647334	659000	664666	turn-up limit (dBm)	MPR (dB)
20	P12 BPSK	1	1	24.78	24.60	24.55	26.0	0.0
Channel								
Frequency (MHz)								
				647198	659000	664832	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3707.52	3840	3972.48	limit (dBm)	MPR (dB)
15	P12 BPSK	1	1	24.77	24.57	24.58	26.0	0.0
Channel								
Frequency (MHz)								
				647000	659000	665000	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3705	3840	3975	limit (dBm)	MPR (dB)
10	P12 BPSK	1	1	24.83	24.53	24.62	26.0	0.0

Part270_n77_Ant 8

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)								
				3750	3840	3930		
100	P12 BPSK	1	1	21.37	21.42	21.36		
100	P12 BPSK	1	137	21.33	21.38	21.28	22.5	0.0
100	P12 BPSK	1	271	21.23	21.35	21.19		
100	P12 BPSK	135	0	21.22	21.37	21.35	22.5	0.0
100	P12 BPSK	135	69	21.32	21.40	21.36	22.5	0.0
100	P12 BPSK	135	138	21.28	21.34	21.33		
100	P12 BPSK	270	0	21.27	21.39	21.17	22.5	0.0
100	QPSK	1	1	21.34	21.38	21.21		
100	QPSK	1	137	21.31	21.41	21.27	22.5	0.0
100	QPSK	1	271	21.21	21.46	21.37		
100	QPSK	135	0	21.34	21.35	21.20		
100	QPSK	135	69	21.17	21.34	21.28	22.5	0.0
100	QPSK	135	138	21.25	21.27	21.13		
100	QPSK	270	0	21.17	21.37	21.30	22.5	0.0
100	16QAM	1	1	21.26	21.41	21.23	22.5	0.0
100	64QAM	1	1	21.19	21.39	21.28	22.5	0.0
100	256QAM	1	1	21.34	21.34	21.20	22.5	0.0
Channel								
Frequency (MHz)								
				648668	659000	663332	turn-up limit (dBm)	MPR (dB)
90	P12 BPSK	1	1	21.10	21.16	21.08	22.5	0.0
Channel								
Frequency (MHz)								
				649334	659000	662666	turn-up limit (dBm)	MPR (dB)
80	P12 BPSK	1	1	21.25	21.22	21.07	22.5	0.0
Channel								
Frequency (MHz)								
				649000	659000	663000	turn-up limit (dBm)	MPR (dB)
				3735	3840	3945	limit (dBm)	MPR (dB)
70	P12 BPSK	1	1	21.12	21.21	21.09	22.5	0.0
Channel								
Frequency (MHz)								
				648668	659000	663332	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3730.02	3840	3949.98	limit (dBm)	MPR (dB)
60	P12 BPSK	1	1	21.18	21.12	21.07	22.5	0.0
Channel								
Frequency (MHz)								
				648334	659000	663666	turn-up limit (dBm)	MPR (dB)
50	P12 BPSK	1	1	21.14	21.20	21.08	22.5	0.0
Channel								
Frequency (MHz)								
				648000	659000	664000	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3720	3840	3960	limit (dBm)	MPR (dB)
40	P12 BPSK	1	1	21.16	21.16	21.13	22.5	0.0
Channel								
Frequency (MHz)								
				647668	659000	664332	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3715.02	3840	3964.98	limit (dBm)	MPR (dB)
30	P12 BPSK	1	1	21.11	21.29	21.22	22.5	0.0
Channel								
Frequency (MHz)								
				647334	659000	664666	turn-up limit (dBm)	MPR (dB)
20	P12 BPSK	1	1	21.09	21.16	21.07	22.5	0.0
Channel								
Frequency (MHz)								
				647198	659000	664832	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3707.52	3840	3972.48	limit (dBm)	MPR (dB)
15	P12 BPSK	1	1	21.11	21.12	21.19	22.5	0.0
Channel								
Frequency (MHz)								
				647000	659000	665000	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3705	3840	3975	limit (dBm)	MPR (dB)
10	P12 BPSK	1	1	21.19	21.17	21.25	22.5	0.0

Part270_n77_Ant 9

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)								
				3750	3840	3930		
100	P12 BPSK	1	1	13.94	14.00	13.96		
100	P12 BPSK	1	137	13.97	13.85	13.84	15.0	0.0
100	P12 BPSK	1	271	14.00	13.98	13.89		
100	P12 BPSK	135	0	13.86	13.96	13.91	15.0	0.0
100	P12 BPSK	135	69	14.02	13.99	13.96	15.0	0.0
100	P12 BPSK	135	138	14.00	13.97	13.91		
100	P12 BPSK	270	0	14.00	13.97	13.92	15.0	0.0
100	QPSK	1	1	13.78	13.98	13.96		
100	QPSK	1	137	14.00	14.02	14.02	15.0	0.0
100	QPSK	1	271	13.94	13.96	14.00		
100	QPSK	135	0	13.96	14.01	13.99		
100	QPSK	135	69	13.86	13.94	13.92	15.0	0.0
100	QPSK	135	138	13.91	14.03	13.95		
100	QPSK	270	0	14.03	13.92	13.95	15.0	0.0
100	16QAM	1	1	14.01	13.99	14.02	15.0	0.0
100	64QAM	1	1	13.95	13.97	13.98	15.0	0.0
100	256QAM	1	1	13.82	13.93	13.86	15.0	0.0
Channel								
Frequency (MHz)								
				648668	659000	663332	turn-up limit (dBm)	MPR (dB)
90	P12 BPSK	1	1	13.92	13.72	13.77	15.0	0.0
Channel								
Frequency (MHz)								
				649334	659000	662666	turn-up limit (dBm)	MPR (dB)
80	P12 BPSK	1	1	13.86	13.78	13.87	15.0	0.0
Channel								
Frequency (MHz)								
				649000	659000	663000	turn-up limit (dBm)	MPR (dB)
				3735	3840	3945	limit (dBm)	MPR (dB)
70	P12 BPSK	1	1	13.83	13.72	13.84	15.0	0.0
Channel								
Frequency (MHz)								
				648668	659000	663332	turn-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
				3730.02	3840	3949.98	limit (dBm)	MPR (dB)
60	P12 BPSK	1	1	13.75	13.73	13.78	15.0	0.0
Channel								
Frequency (MHz)								
				648334	659000	663666	turn-up limit (dBm)	MPR (dB)
50	P12 BPSK	1	1	13.83	13.90	13.77	15.0	0.0



Part270_n77_Ant 10

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	19.97	19.95	19.95	21.0	0.0
100	PI2 BPSK	1	137	19.84	19.89	19.82		
100	PI2 BPSK	1	271	19.78	19.94	19.88		
100	PI2 BPSK	135	0	19.89	19.84	19.85	21.0	0.0
100	PI2 BPSK	135	69	19.94	19.93	19.91	21.0	0.0
100	PI2 BPSK	135	138	19.86	19.89	19.83		
100	PI2 BPSK	270	0	19.92	19.91	19.85	21.0	0.0
100	QPSK	1	1	19.81	19.94	19.81		
100	QPSK	1	137	19.87	19.91	19.83	21.0	0.0
100	QPSK	1	271	19.85	19.82	19.85		
100	QPSK	135	0	19.71	19.87	19.76		
100	QPSK	135	69	19.78	19.92	19.76	21.0	0.0
100	QPSK	135	138	19.74	19.84	19.79		
100	QPSK	270	0	19.77	19.82	19.71	21.0	0.0
100	16QAM	1	1	19.89	19.80	19.85	21.0	0.0
100	64QAM	1	1	19.90	19.90	19.89	21.0	0.0
100	256QAM	1	1	19.85	19.87	19.81	21.0	0.0
Channel								
Frequency (MHz)								
90	PI2 BPSK	1	1	19.93	19.92	19.95	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	PI2 BPSK	1	1	19.77	19.89	19.91	21.0	0.0
Channel								
Frequency (MHz)								
70	PI2 BPSK	1	1	19.88	19.94	19.78	21.0	0.0
Channel								
Frequency (MHz)								
60	PI2 BPSK	1	1	19.78	19.76	19.85	21.0	0.0
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	19.77	19.85	19.95	21.0	0.0
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	19.85	19.78	19.94	21.0	0.0
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	19.91	19.83	19.88	21.0	0.0
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	19.78	19.93	19.78	21.0	0.0
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	19.88	19.82	19.91	21.0	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	19.79	19.87	19.91	21.0	0.0

Part270_n78_Ant 7

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	24.86				
100	PI2 BPSK	1	137	24.70			26.0	0.0
100	PI2 BPSK	1	271	24.60				
100	PI2 BPSK	135	0	24.69			26.0	0.0
100	PI2 BPSK	135	69	24.63			26.0	0.0
100	PI2 BPSK	135	138	24.47			26.0	0.0
100	PI2 BPSK	270	0	24.81			26.0	0.0
100	QPSK	1	1	24.81				
100	QPSK	1	137	24.73			26.0	0.0
100	QPSK	1	271	24.68				
100	QPSK	135	0	24.67				
100	QPSK	135	69	24.57			26.0	0.0
100	QPSK	135	138	24.44				
100	QPSK	270	0	24.66			26.0	0.0
100	16QAM	1	1	24.71			26.0	0.0
100	64QAM	1	1	24.67			25.0	1.0
100	256QAM	1	1	24.88			23.0	3.0
Channel								
Frequency (MHz)								
90	PI2 BPSK	1	1	24.77	24.78	24.78	26.0	0.0
Channel								
Frequency (MHz)								
80	PI2 BPSK	1	1	24.74	24.73	24.81	26.0	0.0
Channel								
Frequency (MHz)								
70	PI2 BPSK	1	1	24.79	24.73	24.89	26.0	0.0
Channel								
Frequency (MHz)								
60	PI2 BPSK	1	1	24.82	24.79	24.78	26.0	0.0
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	24.69	24.81	24.85	26.0	0.0
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	24.84	24.78	24.82	26.0	0.0
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	24.83	24.75	24.78	26.0	0.0
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	24.84	24.80	24.72	26.0	0.0
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	24.81	24.88	24.84	26.0	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	24.85	24.81	24.76	26.0	0.0

Part270_n78_Ant 8

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PI2 BPSK	1	1	21.43				
100	PI2 BPSK	1	137	21.37			22.5	0.0
100	PI2 BPSK	1	271	21.38				
100	PI2 BPSK	135	0	21.38			22.5	0.0
100	PI2 BPSK	135	69	21.39			22.5	0.0
100	PI2 BPSK	135	138	21.28			22.5	0.0
100	PI2 BPSK	270	0	21.37			22.5	0.0
100	QPSK	1	1	21.34				
100	QPSK	1	137	21.33			22.5	0.0
100	QPSK	1	271	21.38				
100	QPSK	135	0	21.34				
100	QPSK	135	69	21.27			22.5	0.0
100	QPSK	135	138	21.29				
100	QPSK	270	0	21.28			22.5	0.0
100	16QAM	1	1	21.38			22.5	0.0
100	64QAM	1	1	21.37			22.5	0.0
100	256QAM	1	1	21.33			22.5	0.0
Channel								
Frequency (MHz)								
90	PI2 BPSK	1	1	21.33	21.27	21.21	22.5	0.0
Channel								
Frequency (MHz)								
80	PI2 BPSK	1	1	21.28	21.32	21.19	22.5	0.0
Channel								
Frequency (MHz)								
70	PI2 BPSK	1	1	21.31	21.35	21.14	22.5	0.0
Channel								
Frequency (MHz)								
60	PI2 BPSK	1	1	21.39	21.21	21.15	22.5	0.0
Channel								
Frequency (MHz)								
50	PI2 BPSK	1	1	21.34	21.17	21.18	22.5	0.0
Channel								
Frequency (MHz)								
40	PI2 BPSK	1	1	21.35	21.31	21.11	22.5	0.0
Channel								
Frequency (MHz)								
30	PI2 BPSK	1	1	21.23	21.21	21.18	22.5	0.0
Channel								
Frequency (MHz)								
20	PI2 BPSK	1	1	21.34	21.20	21.26	22.5	0.0
Channel								
Frequency (MHz)								
15	PI2 BPSK	1	1	21.28	21.31	21.22	22.5	0.0
Channel								
Frequency (MHz)								
10	PI2 BPSK	1	1	21.34	21.18	21.23	22.5	0.0



Part270_n78_Ant 9									
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				650000					
Frequency (MHz)				3750					
100	PI2 BPSK	1	1		13.96				
100	PI2 BPSK	1	137		13.85		15.0	0.0	
100	PI2 BPSK	1	271		13.97				
100	PI2 BPSK	135	0		13.87		15.0	0.0	
100	PI2 BPSK	135	69		13.93		15.0	0.0	
100	PI2 BPSK	135	138		13.86				
100	PI2 BPSK	270	0		13.89		15.0	0.0	
100	QPSK	1	1		13.94				
100	QPSK	1	137		13.87		15.0	0.0	
100	QPSK	1	271		13.91				
100	QPSK	135	0		13.93				
100	QPSK	135	69		13.89		15.0	0.0	
100	QPSK	135	138		13.88				
100	QPSK	270	0		13.93		15.0	0.0	
100	16QAM	1	1		13.95		15.0	0.0	
100	64QAM	1	1		13.90		15.0	0.0	
100	256QAM	1	1		13.92		15.0	0.0	
Channel				649968	650000	650332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	PI2 BPSK	1	1	13.80	13.84	13.88	turn-up limit (dBm)	MPR (dB)	
Channel				649334	650000	650666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	PI2 BPSK	1	1	13.79	13.78	13.81	15.0	0.0	
Channel				649000	650000	651000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	PI2 BPSK	1	1	13.68	13.74	13.84	15.0	0.0	
Channel				648668	650000	651332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	PI2 BPSK	1	1	13.78	13.74	13.70	15.0	0.0	
Channel				648334	650000	651666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	PI2 BPSK	1	1	13.67	13.74	13.71	15.0	0.0	
Channel				648000	650000	652000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	PI2 BPSK	1	1	13.65	13.76	13.80	15.0	0.0	
Channel				647668	650000	652332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	PI2 BPSK	1	1	13.69	13.79	13.71	15.0	0.0	
Channel				647334	650000	652666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	PI2 BPSK	1	1	13.78	13.74	13.74	15.0	0.0	
Channel				647168	650000	652832	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
15	PI2 BPSK	1	1	13.76	13.67	13.80	15.0	0.0	
Channel				647000	650000	653000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	PI2 BPSK	1	1	13.81	13.83	13.87	15.0	0.0	

Part270_n78_Ant 10									
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				650000					
Frequency (MHz)				3750					
100	PI2 BPSK	1	1		19.86				
100	PI2 BPSK	1	137		19.84		21.0	0.0	
100	PI2 BPSK	1	271		19.91				
100	PI2 BPSK	135	0		19.93		21.0	0.0	
100	PI2 BPSK	135	69		19.95		21.0	0.0	
100	PI2 BPSK	135	138		19.91				
100	PI2 BPSK	270	0		19.92		21.0	0.0	
100	QPSK	1	1		19.95				
100	QPSK	1	137		19.88		21.0	0.0	
100	QPSK	1	271		19.91				
100	QPSK	135	0		19.86				
100	QPSK	135	69		19.92		21.0	0.0	
100	QPSK	135	138		19.91				
100	QPSK	270	0		19.87		21.0	0.0	
100	16QAM	1	1		19.90		21.0	0.0	
100	64QAM	1	1		19.93		21.0	0.0	
100	256QAM	1	1		19.89		21.0	0.0	
Channel				649968	650000	650332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	PI2 BPSK	1	1	19.80	19.88	19.94	turn-up limit (dBm)	MPR (dB)	
Channel				649334	650000	650666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	PI2 BPSK	1	1	19.71	19.77	19.80	21.0	0.0	
Channel				649000	650000	651000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	PI2 BPSK	1	1	19.72	19.80	19.88	21.0	0.0	
Channel				648668	650000	651332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	PI2 BPSK	1	1	19.81	19.69	19.84	21.0	0.0	
Channel				648334	650000	651666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	PI2 BPSK	1	1	19.74	19.82	19.76	21.0	0.0	
Channel				648000	650000	652000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	PI2 BPSK	1	1	19.77	19.87	19.74	21.0	0.0	
Channel				647668	650000	652332	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	PI2 BPSK	1	1	19.84	19.87	19.89	21.0	0.0	
Channel				647334	650000	652666	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	PI2 BPSK	1	1	19.84	19.72	19.91	21.0	0.0	
Channel				647168	650000	652832	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.48			
15	PI2 BPSK	1	1	19.86	19.87	19.96	21.0	0.0	
Channel				647000	650000	653000	turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	PI2 BPSK	1	1	19.85	19.80	19.87	21.0	0.0	