

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

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 %

[¶] 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.

Default Power for WWAN

GSM850 Default Ant1									
GSM850	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)	624.2	836.4	948.8		624.2	836.4	948.8		
GSM 1 Tx slot	33.12	33.39	33.20	33.50	24.12	24.39	24.20	24.50	
GPRS 1 Tx slot	33.08	33.37	33.16	33.50	24.08	24.37	24.16	24.50	
GPRS 2 Tx slots	28.58	28.65	28.79	29.50	22.58	22.65	22.79	23.50	
GPRS 3 Tx slots	26.75	27.01	27.15	28.00	22.49	22.75	22.89	23.74	
GPRS 4 Tx slots	25.65	25.72	25.74	27.00	22.65	22.72	22.74	24.00	
EDGE 1 Tx slot	26.48	26.57	26.39	28.00	17.48	17.57	17.39	19.00	
EDGE 2 Tx slots	23.63	23.85	23.64	25.00	17.83	17.85	17.64	19.00	
EDGE 3 Tx slots	22.16	22.27	21.97	23.00	17.90	18.01	17.71	18.74	
EDGE 4 Tx slots	20.84	20.95	20.89	22.50	17.94	17.95	17.89	19.50	

GSM1900 Default Ant1									
GSM1900	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		30.08	30.01	30.15	30.50	21.08	21.01	21.15	21.50
GPRS 1 Tx slot		30.06	29.92	30.12	30.50	21.06	20.92	21.12	21.50
GPRS 2 Tx slots		25.70	25.55	25.75	26.50	19.70	19.55	19.75	20.50
GPRS 3 Tx slots		23.90	23.76	24.01	25.00	19.64	19.50	19.75	20.74
GPRS 4 Tx slots		22.68	22.74	22.83	24.00	19.68	19.74	19.83	21.00
EDGE 1 Tx slot		25.72	25.45	25.69	27.00	16.72	16.45	16.69	18.00
EDGE 2 Tx slots		23.25	22.97	23.25	23.50	17.25	16.97	17.25	17.50
EDGE 3 Tx slots		21.76	21.79	21.75	22.00	17.50	17.53	17.49	17.74
EDGE 4 Tx slots		19.75	19.67	19.78	21.50	16.75	16.67	16.78	18.50

WCDMA II Default Ant1					WCDMA IV Default Ant1					WCDMA V Default Ant1					
Band	WCDMA II				Tune-up Limit (dBm)	WCDMA IV				Tune-up Limit (dBm)	WCDMA V				Tune-up Limit (dBm)
	TX Channel		9262 9400 9538			1312 1413 1513		4137 4192 4233							
	RX Channel		9602 9800 9938			1537 1638 1738		4352 4457 4458							
Frequency (MHz)		1852.4 1880 1907.6			1712.4 1732.6 1752.6			826.4 836.4 846.6							
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.08	25.50	24.02	24.03	23.98	25.50	24.48	24.51	24.42	25.50		
3GPP Rel 99	RMC 12.2Kbps	24.13	24.18	24.15	25.50	24.07	24.08	24.05	25.50	24.51	24.53	24.45	25.50		
3GPP Rel 6	HS-DPA Subtest-1	23.10	22.95	22.95	24.00	22.75	22.73	22.63	24.00	23.39	23.33	23.37	24.00		
3GPP Rel 6	HS-DPA Subtest-2	23.09	22.92	22.93	24.00	22.74	22.73	22.64	24.00	23.35	23.35	23.35	24.00		
3GPP Rel 6	HS-DPA Subtest-3	22.58	22.46	22.44	24.00	22.27	22.18	22.15	24.00	22.87	22.76	22.86	24.00		
3GPP Rel 6	HS-DPA Subtest-4	22.55	22.46	22.45	24.00	22.29	22.21	22.15	24.00	22.85	22.86	22.88	24.00		
3GPP Rel 6	DC-HSDPA Subtest-1	23.07	22.87	22.99	24.00	23.02	22.79	22.86	24.00	23.41	23.22	23.35	24.00		
3GPP Rel 6	DC-HSDPA Subtest-2	23.00	22.94	23.04	24.00	22.94	22.82	22.77	24.00	23.36	23.36	23.25	24.00		
3GPP Rel 6	DC-HSDPA Subtest-3	22.60	22.89	22.77	24.00	22.42	22.42	22.26	24.00	22.80	22.82	22.83	24.00		
3GPP Rel 6	DC-HSDPA Subtest-4	22.57	22.55	22.36	24.00	22.56	22.27	22.44	24.00	22.93	22.94	22.79	24.00		
3GPP Rel 6	HSUPA Subtest-1	21.44	21.49	21.53	23.00	21.45	21.46	21.50	23.00	22.96	22.96	22.96	23.00		
3GPP Rel 6	HSUPA Subtest-2	21.31	21.23	21.33	23.00	21.29	21.19	21.33	23.00	22.28	21.19	21.28	23.00		
3GPP Rel 6	HSUPA Subtest-3	21.52	21.34	21.62	23.00	21.41	21.35	21.53	23.00	22.27	22.21	22.27	23.00		
3GPP Rel 6	HSUPA Subtest-4	21.36	21.54	21.39	23.00	21.29	21.54	21.35	23.00	21.28	21.27	21.28	23.00		
3GPP Rel 6	HSUPA Subtest-5	21.59	21.49	21.55	23.00	21.55	21.44	21.56	23.00	22.90	22.91	22.93	23.00		

Band 7 Default Ant1								
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				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.10	23.30	23.38	23	1
20	QPSK	1	49	23.06	23.12	23.04		
20	QPSK	1	99	23.03	23.18	23.14		
20	QPSK	50	0	21.92	22.10	21.96		
20	QPSK	50	24	21.81	21.99	21.86	23	1
20	QPSK	50	50	21.88	22.04	21.93		
20	QPSK	100	0	21.96	22.09	21.98		
20	16QAM	1	0	22.58	22.67	22.56		
20	16QAM	1	49	22.37	22.62	22.31	22	2
20	16QAM	1	99	22.33	22.45	22.28		
20	16QAM	50	0	21.22	21.34	21.24		
20	16QAM	50	24	21.16	21.25	21.21		
20	16QAM	50	50	21.16	21.34	21.26	22	2
20	16QAM	100	0	21.22	21.33	21.24		
20	64QAM	1	0	21.35	21.41	21.43		
20	64QAM	1	49	21.31	21.22	21.09		
20	64QAM	1	99	21.33	21.19	21.11	21	3
20	64QAM	50	0	20.09	20.21	20.12		
20	64QAM	50	24	20.03	20.11	20.05		
20	64QAM	50	50	20.04	20.18	20.16		
20	64QAM	100	0	20.13	20.22	20.13	24	0
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	24	0
15	QPSK	1	0	23.06	23.20	23.08		
15	QPSK	1	37	23.04	23.12	23.24	23	1
15	QPSK	1	74	23.02	23.13	23.02		
15	QPSK	36	0	21.70	22.01	21.87		
15	QPSK	36	20	21.83	21.98	21.82		
15	QPSK	36	39	21.79	22.06	21.85	23	1
15	QPSK	75	0	21.82	21.98	21.81		
15	16QAM	1	0	22.19	22.26	22.25		
15	16QAM	1	37	22.28	22.37	22.21		
15	16QAM	1	74	22.39	22.32	22.22	22	2
15	16QAM	36	0	21.02	21.24	21.19		
15	16QAM	36	20	21.12	21.24	21.16		
15	16QAM	36	39	21.09	21.29	21.17		
15	16QAM	75	0	21.12	21.24	21.15	22	2
15	64QAM	1	0	21.01	21.17	21.03		
15	64QAM	1	37	20.99	21.12	21.16		
15	64QAM	1	74	21.13	21.29	21.17		
15	64QAM	36	0	19.72	19.93	19.86	21	3
15	64QAM	36	20	19.81	19.96	19.83		
15	64QAM	36	39	19.80	20.00	19.85		
15	64QAM	75	0	19.82	19.96	19.85		
Channel				20800	21100	21400	24	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.02	23.11	23.01	24	0
10	QPSK	1	25	22.82	22.92	23.00		
10	QPSK	1	49	22.97	23.10	23.04		
10	QPSK	25	0	21.94	21.99	21.99		
10	QPSK	25	12	21.89	22.03	21.99	23	1
10	QPSK	25	25	21.96	22.08	22.00		
10	QPSK	50	0	21.91	22.08	22.03		
10	16QAM	1	0	22.33	22.46	22.31		
10	16QAM	1	25	22.29	22.47	22.22	23	1
10	16QAM	1	49	22.38	22.52	22.29		
10	16QAM	25	0	20.99	20.99	21.00		
10	16QAM	25	12	20.82	20.98	21.06		
10	16QAM	25	25	20.86	20.95	21.06	22	2
10	16QAM	50	0	20.87	21.03	21.02		
10	64QAM	1	0	21.21	21.32	21.28		
10	64QAM	1	25	21.11	21.30	21.22		
10	64QAM	1	49	21.24	21.35	21.28	21	3
10	64QAM	25	0	19.97	19.99	19.95		
10	64QAM	25	12	19.84	20.01	19.99		
10	64QAM	25	25	19.90	20.01	20.00		
10	64QAM	50	0	19.84	19.99	20.01	24	0
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	24	0
5	QPSK	1	0	22.96	23.04	23.06		
5	QPSK	1	12	22.88	22.98	23.02	23	1
5	QPSK	1	24	22.82	22.95	22.98		
5	QPSK	12	0	21.98	22.04	21.98		
5	QPSK	12	7	21.94	22.06	21.99		
5	QPSK	12	13	21.98	22.02	21.99	23	1
5	QPSK	25	0	21.98	22.03	22.04		
5	16QAM	1	0	22.35	22.45	22.40		
5	16QAM	1	12	22.22	22.30	22.19		
5	16QAM	1	24	22.16	22.35	22.35	22	2
5	16QAM	12	0	21.03	21.05	21.07		
5	16QAM	12	7	21.02	21.08	21.05		
5	16QAM	12	13	21.02	21.05	21.02		
5	16QAM	25	0	20.97	21.06	21.00	22	2
5	64QAM	1	0	21.15	21.23	21.18		
5	64QAM	1	12	21.01	21.13	20.95		
5	64QAM	1	24	21.03	21.15	21.07		
5	64QAM	12	0	19.99	20.02	20.04	21	3
5	64QAM	12	7	19.99	20.03	20.03		
5	64QAM	12	13	19.93	19.99	19.99		
5	64QAM	25	0	19.98	20.06	20.01		

GSM850 Default Ant2									
GSM850		Burst Average Power (dbm)			Tune-up	Frame-Average Power (dbm)			Tune-up
TX Channel		128	189	251	Limit (dbm)	128	189	251	Limit (dbm)
Frequency (MHz)		824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot		32.59	32.73	32.82	33.50	23.59	23.73	23.82	24.50
GPRS 1 Tx slot		32.67	32.75	32.74	33.50	23.67	23.75	23.74	24.50
GPRS 2 Tx slots		28.94	29.00	29.05	29.50	22.94	23.00	23.05	23.50
GPRS 3 Tx slots		27.18	27.11	27.10	28.00	22.92	22.85	22.84	23.74
GPRS 4 Tx slots		25.70	25.83	25.82	27.00	22.70	22.83	22.82	24.00
EDGE 1 Tx slot		26.62	26.59	26.57	28.00	17.62	17.59	17.57	19.00
EDGE 2 Tx slots		23.95	23.92	23.91	25.00	17.95	17.92	17.91	19.00
EDGE 3 Tx slots		22.07	22.06	22.21	23.00	17.81	17.80	17.95	18.74
EDGE 4 Tx slots		20.82	20.95	21.02	22.50	17.82	17.95	18.02	19.50

GSM190 Default Ant2								
GSM190 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.81	30.13	30.18	30.50	20.81	21.13	21.18	21.50
GPRS 1 Tx slot	29.84	30.20	30.16	30.50	20.84	21.20	21.16	21.50
GPRS 2 Tx slots	25.04	26.13	26.10	26.50	19.94	20.13	20.10	20.50
GPRS 3 Tx slots	24.05	24.15	24.26	25.00	19.79	19.89	20.00	20.74
GPRS 4 Tx slots	22.93	23.11	23.23	24.00	19.93	20.11	20.23	21.00
EDGE 1 Tx slot	25.73	25.86	25.91	27.00	16.73	16.86	16.91	18.00
EDGE 2 Tx slots	23.13	23.28	23.40	23.50	17.13	17.28	17.40	17.50
EDGE 3 Tx slots	21.92	21.97	21.96	22.00	17.66	17.71	17.70	17.74
EDGE 4 Tx slots	20.14	20.28	20.37	21.50	17.14	17.28	17.37	18.50

WCDMA II Default Ant2								WCDMA IV Default Ant2				WCDMA V Default Ant2			
Band TX Channel Frequency (MHz)	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)			
	9262	9400	9538		1312	1413	1513		4132	4182	4233		4357	4407	4458
	1952.4	1850	1907.8	(dBm)	1637	1638	1738	(dBm)	4357	4407	4458	(dBm)	4357	4407	4458
3GPP Rel 99	AMR 12.2Kbps	24.21	24.25	24.17	25.50	24.08	24.16	24.07	25.50	23.95	24.12	24.08	25.50		
3GPP Rel 99	RMC 12.2Kbps	24.26	24.27	24.20	25.50	24.10	24.17	24.09	25.50	23.97	24.13	24.10	25.50		
3GPP Rel 6	HSOPA Subtest-1	23.03	23.12	22.92	24.00	23.05	23.07	23.06	24.00	23.14	23.28	23.27	24.00		
3GPP Rel 6	HSOPA Subtest-2	23.04	23.08	22.93	24.00	23.06	23.05	23.05	24.00	23.12	23.31	23.20	24.00		
3GPP Rel 6	HSOPA Subtest-3	22.69	22.64	22.61	24.00	22.83	22.79	22.83	24.00	22.62	22.81	22.72	24.00		
3GPP Rel 6	HSOPA Subtest-4	22.73	22.56	22.61	24.00	22.89	22.75	22.94	24.00	22.59	22.80	22.74	24.00		
3GPP Rel 8	DC-HSOPA Subtest-1	23.04	23.11	22.96	24.00	23.02	23.09	23.01	24.00	23.11	23.40	23.37	24.00		
3GPP Rel 8	DC-HSOPA Subtest-2	23.02	22.97	23.02	24.00	23.04	23.04	23.10	24.00	23.20	23.26	23.30	24.00		
3GPP Rel 8	DC-HSOPA Subtest-3	22.65	22.54	22.48	24.00	22.57	22.58	22.68	24.00	22.73	22.90	22.81	24.00		
3GPP Rel 8	DC-HSOPA Subtest-4	22.69	22.63	22.47	24.00	22.76	22.48	22.54	24.00	22.48	22.73	22.71	24.00		
3GPP Rel 6	HSUPA Subtest-1	21.73	21.67	21.64	23.00	21.34	21.37	21.38	23.00	21.15	21.26	21.34	23.00		
3GPP Rel 6	HSUPA Subtest-2	21.77	21.62	21.65	23.00	21.13	21.08	21.10	23.00	21.27	21.16	21.16	23.00		
3GPP Rel 6	HSUPA Subtest-3	22.21	22.13	21.89	23.00	21.62	21.56	21.34	23.00	21.49	21.36	21.31	23.00		
3GPP Rel 6	HSUPA Subtest-4	21.77	21.64	21.71	23.00	21.26	21.33	21.38	23.00	21.27	21.20	21.17	23.00		
3GPP Rel 6	HSUPA Subtest-5	21.70	21.59	21.57	23.00	21.29	21.25	21.19	23.00	21.17	21.16	21.29	23.00		

Band 7 Default Ant2								
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				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.16	23.13	23	1
20	QPSK	1	49	22.95	23.12	23.09		
20	QPSK	1	99	22.87	22.94	22.91		
20	QPSK	50	0	21.97	22.02	21.94		
20	QPSK	50	24	21.81	21.89	21.88	23	1
20	QPSK	50	50	21.81	21.98	21.92		
20	QPSK	100	0	21.86	21.99	21.97		
20	16QAM	1	0	21.98	22.13	22.06		
20	16QAM	1	49	21.83	21.96	21.84	22	2
20	16QAM	1	99	22.01	22.02	21.98		
20	16QAM	50	0	20.90	21.05	21.03		
20	16QAM	50	24	20.89	21.00	21.02		
20	16QAM	50	50	20.95	21.05	21.09	22	2
20	16QAM	100	0	20.99	21.05	21.05		
20	64QAM	1	0	21.06	20.98	20.96		
20	64QAM	1	49	20.91	20.97	20.94		
20	64QAM	1	99	21.04	20.94	20.89	21	3
20	64QAM	50	0	19.99	20.03	20.02		
20	64QAM	50	24	19.91	19.96	19.96		
20	64QAM	50	50	19.88	20.01	20.02		
20	64QAM	100	0	19.99	20.04	20.04	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.79	22.98	22.85	24	0
15	QPSK	1	37	22.87	22.82	22.87		
15	QPSK	1	74	22.79	22.73	22.73		
15	QPSK	36	0	21.94	21.76	21.68		
15	QPSK	36	20	21.53	21.70	21.64	23	1
15	QPSK	36	39	21.50	21.78	21.82		
15	QPSK	75	0	21.66	21.83	21.87		
15	16QAM	1	0	21.76	21.85	21.93		
15	16QAM	1	37	21.72	21.70	21.68	23	1
15	16QAM	1	74	21.77	21.94	21.75		
15	16QAM	36	0	20.62	20.78	20.94		
15	16QAM	36	20	20.74	20.70	20.91		
15	16QAM	36	39	20.73	20.95	20.78	22	2
15	16QAM	75	0	20.82	20.86	20.90		
15	64QAM	1	0	20.80	20.77	20.87		
15	64QAM	1	37	20.67	20.72	20.68		
15	64QAM	1	74	20.81	20.64	20.69	21	3
15	64QAM	36	0	19.88	19.90	19.75		
15	64QAM	36	20	19.83	19.77	19.78		
15	64QAM	36	39	19.56	19.67	19.79		
15	64QAM	75	0	19.84	19.75	19.85	21	3
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.83	22.87	22.93	24	0
10	QPSK	1	25	22.79	22.80	22.90		
10	QPSK	1	49	22.56	22.66	22.62		
10	QPSK	25	0	21.69	21.85	21.74		
10	QPSK	25	12	21.63	21.68	21.76	23	1
10	QPSK	25	25	21.52	21.75	21.73		
10	QPSK	50	0	21.67	21.87	21.86		
10	16QAM	1	0	21.79	21.83	21.79		
10	16QAM	1	25	21.57	21.72	21.54	23	1
10	16QAM	1	49	21.82	21.86	21.72		
10	16QAM	25	0	20.69	20.94	20.86		
10	16QAM	25	12	20.60	20.91	20.88		
10	16QAM	25	25	20.85	20.77	20.96	22	2
10	16QAM	50	0	20.88	20.86	20.82		
10	64QAM	1	0	20.83	20.77	20.86		
10	64QAM	1	25	20.66	20.66	20.61		
10	64QAM	1	49	20.81	20.84	20.74	21	3
10	64QAM	25	0	19.80	19.83	19.93		
10	64QAM	25	12	19.75	19.80	19.68		
10	64QAM	25	25	19.66	19.77	19.75		
10	64QAM	50	0	19.72	19.74	19.92	21	3
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.78	22.83	22.78	24	0
5	QPSK	1	12	22.78	22.77	22.88		
5	QPSK	1	24	22.57	22.70	22.55		
5	QPSK	12	0	21.72	21.84	21.64		
5	QPSK	12	7	21.66	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.81	21.70		
5	QPSK	25	0	21.58	21.65	21.65		
5	16QAM	1	0	21.70	21.97	21.78		
5	16QAM	1	12	21.58	21.76	21.64	23	1
5	16QAM	1	24	21.85	21.69	21.75		
5	16QAM	12	0	20.55	20.74	20.70		
5	16QAM	12	7	20.57	20.80	20.83		
5	16QAM	12	13	20.81	20.85	20.73	22	2
5	16QAM	25	0	20.63	20.68	20.85		
5	64QAM	1	0	20.82	20.83	20.59		
5	64QAM	1	12	20.73	20.66	20.59		
5	64QAM	1	24	20.80	20.64	20.68	22	2
5	64QAM	12	0	19.72	19.88	19.79		
5	64QAM	12	7	19.67	19.67	19.62		
5	64QAM	12	13	19.61	19.82	19.80		
5	64QAM	25	0	19.72	19.71	19.77	21	3
Channel				20750	21100	21450		
Frequency (MHz)				2500	2535	2570	Tune-up limit (dBm)	MPR (dB)

Reduced Power for WWAN

		GSM850 DSI 1 Ant1						
GSM850	Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
	TX Channel	128	189		251	128	189	
Frequency (MHz)	824	824	836.4	848.8	824.2	836.4	848.8	
GSM 1 Tx slot	33.12	33.39	33.20	33.50	24.12	24.39	24.20	24.50
GPRS 1 Tx slot	33.08	33.37	33.16	33.50	24.08	24.37	24.16	24.50
GPRS 2 Tx slots	28.58	28.65	28.79	29.50	22.58	22.65	22.79	23.50
GPRS 3 Tx slots	26.75	27.01	27.15	28.00	22.49	22.75	22.89	23.74
GPRS 4 Tx slots	25.65	25.72	25.74	27.00	22.65	22.72	22.74	24.00
EDGE 1 Tx slot	26.48	26.57	26.39	28.00	17.48	17.57	17.39	19.00
EDGE 2 Tx slots	23.83	23.85	23.64	25.00	17.83	17.85	17.64	19.00
EDGE 3 Tx slots	22.16	22.27	21.97	23.00	17.90	18.01	17.71	18.74
EDGE 4 Tx slots	20.84	20.95	20.89	22.50	17.94	17.95	17.89	19.50

		GSM1900 DSI 1 Ant1							
GSM1900	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	30.08	30.01	30.15	30.50		21.08	21.01	21.15	21.50
GPRS 1 Tx slot	30.06	30.13	30.12	30.50		21.06	21.13	21.12	21.50
GPRS 2 Tx slots	25.70	25.55	25.75	26.50		19.70	19.55	19.75	20.50
GPRS 3 Tx slots	23.90	23.76	24.01	25.00		19.64	19.50	19.75	20.74
GPRS 4 Tx slots	22.68	22.74	22.83	24.00		19.68	19.74	19.83	21.00
EDGE 1 Tx slot	25.72	25.45	25.69	27.00		16.72	16.45	16.69	18.00
EDGE 2 Tx slots	23.25	22.97	23.25	23.50		17.25	16.97	17.25	17.50
EDGE 3 Tx slots	21.76	21.79	21.75	22.00		17.50	17.53	17.49	17.74
EDGE 4 Tx slots	19.75	19.67	19.78	21.50		16.75	16.67	16.78	18.50

Band		WCDMA II DSI 1 Ant1				WCDMA IV DSI 1 Ant1				WCDMA V DSI 1 Ant1			
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)	4132	4192	4233	Tune-up Limit (dBm)
RX Channel		9602	9600	9938		1537	1638	1738		4357	4407	4456	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.08	25.50	24.02	24.03	23.98	25.50	24.48	24.51	24.42	25.50
3GPP Rel 99	RMC 12.2Kbps	24.13	24.18	24.15	25.50	24.07	24.08	24.05	25.50	24.51	24.53	24.45	25.50
3GPP Rel 6	HS-DPA Subtest-1	23.10	22.95	22.95	24.00	22.75	22.73	22.63	24.00	23.39	23.33	23.37	24.00
3GPP Rel 6	HS-DPA Subtest-2	23.09	22.92	22.93	24.00	22.74	22.73	22.64	24.00	23.35	23.35	23.35	24.00
3GPP Rel 6	HS-DPA Subtest-3	22.58	22.46	22.44	24.00	22.27	22.18	22.15	24.00	22.86	22.82	22.86	24.00
3GPP Rel 6	HS-DPA Subtest-4	22.55	22.46	22.45	24.00	22.29	22.21	22.15	24.00	22.85	22.86	22.88	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.07	22.87	22.99	24.00	23.02	22.79	22.86	24.00	23.41	23.22	23.35	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	23.00	22.94	23.04	24.00	22.94	22.82	22.77	24.00	23.36	23.36	23.25	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.60	22.89	22.77	24.00	22.42	22.42	22.26	24.00	22.83	22.82	22.83	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	22.57	22.55	22.36	24.00	22.56	22.27	22.44	24.00	22.90	22.84	22.79	24.00
3GPP Rel 6	HSUPA Subtest-1	21.44	21.49	21.53	23.00	21.45	21.39	21.50	23.00	22.92	22.94	22.96	23.00
3GPP Rel 6	HSUPA Subtest-2	21.31	21.23	21.33	23.00	21.29	21.19	21.33	23.00	22.76	22.79	22.81	23.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.34	21.62	23.00	21.41	21.35	21.53	23.00	22.27	22.21	22.27	23.00
3GPP Rel 6	HSUPA Subtest-4	21.36	21.54	21.39	23.00	21.29	21.54	21.35	23.00	21.28	21.27	21.28	23.00
3GPP Rel 6	HSUPA Subtest-5	21.59	21.49	21.55	23.00	21.55	21.44	21.56	23.00	22.90	22.91	22.93	23.00

Band 7 DSI 1 Ant1								
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				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.19	23.39	23.38	23	1
20	QPSK	1	49	23.06	23.12	23.04		
20	QPSK	1	99	23.03	23.18	23.14	23	1
20	QPSK	50	0	21.92	22.10	21.96		
20	QPSK	50	24	21.81	21.99	21.86	23	1
20	QPSK	50	50	21.88	22.04	21.93		
20	QPSK	100	0	21.96	22.09	21.98	23	1
20	16QAM	1	0	22.58	22.67	22.56		
20	16QAM	1	49	22.37	22.62	22.31	22	2
20	16QAM	1	99	22.33	22.45	22.28		
20	16QAM	50	0	21.22	21.34	21.24	22	2
20	16QAM	50	24	21.16	21.25	21.21		
20	16QAM	50	50	21.16	21.34	21.26	22	2
20	16QAM	100	0	21.22	21.33	21.24		
20	64QAM	1	0	21.35	21.41	21.43	22	2
20	64QAM	1	49	21.31	21.22	21.09		
20	64QAM	1	99	21.33	21.19	21.11	21	3
20	64QAM	50	0	20.09	20.21	20.12		
20	64QAM	50	24	20.03	20.11	20.05	21	3
20	64QAM	50	50	20.04	20.18	20.16		
20	64QAM	100	0	20.13	20.22	20.13	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	24	0
15	QPSK	1	0	23.06	23.20	23.08		
15	QPSK	1	37	23.04	23.12	23.24	23	1
15	QPSK	1	74	23.02	23.13	23.02		
15	QPSK	36	0	21.70	22.01	21.87	23	1
15	QPSK	36	20	21.83	21.98	21.82		
15	QPSK	36	39	21.79	22.06	21.85	23	1
15	QPSK	75	0	21.82	21.98	21.81		
15	16QAM	1	0	22.19	22.26	22.25	23	1
15	16QAM	1	37	22.28	22.37	22.21		
15	16QAM	1	74	22.39	22.32	22.22	22	2
15	16QAM	36	0	21.02	21.24	21.19		
15	16QAM	36	20	21.12	21.24	21.16	22	2
15	16QAM	36	39	21.09	21.29	21.17		
15	16QAM	75	0	21.12	21.24	21.15	22	2
15	64QAM	1	0	21.01	21.17	21.03		
15	64QAM	1	37	20.99	21.12	21.16	21	3
15	64QAM	1	74	21.13	21.29	21.17		
15	64QAM	36	0	19.72	19.93	19.86	21	3
15	64QAM	36	20	19.81	19.96	19.83		
15	64QAM	36	39	19.85	20.00	19.85	21	3
15	64QAM	75	0	19.82	19.96	19.85		
Channel				20800	21100	21400	24	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.02	23.11	23.01	24	0
10	QPSK	1	25	22.82	22.92	23.00		
10	QPSK	1	49	22.97	23.10	23.04	23	1
10	QPSK	25	0	21.94	21.99	21.99		
10	QPSK	25	12	21.89	22.03	21.99	23	1
10	QPSK	25	25	21.96	22.08	22.00		
10	QPSK	50	0	21.91	22.08	22.03	23	1
10	16QAM	1	0	22.33	22.46	22.31		
10	16QAM	1	25	22.29	22.47	22.22	22	2
10	16QAM	1	49	22.38	22.52	22.29		
10	16QAM	25	0	20.99	20.99	21.00	22	2
10	16QAM	25	12	20.82	20.98	21.06		
10	16QAM	25	25	20.86	20.95	21.06	22	2
10	16QAM	50	0	20.87	21.03	21.02		
10	64QAM	1	0	21.21	21.32	21.28	22	2
10	64QAM	1	25	21.11	21.30	21.22		
10	64QAM	1	49	21.24	21.35	21.28	21	3
10	64QAM	25	0	19.97	19.99	19.95		
10	64QAM	25	12	19.84	20.01	19.99	21	3
10	64QAM	25	25	19.90	20.01	20.00		
10	64QAM	50	0	19.84	19.99	20.01	21	3
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	24	0
5	QPSK	1	0	22.96	23.04	23.06		
5	QPSK	1	12	22.88	22.98	23.02	23	1
5	QPSK	1	24	22.82	22.95	22.98		
5	QPSK	12	0	21.98	22.04	21.98	23	1
5	QPSK	12	7	21.94	22.06	21.99		
5	QPSK	12	13	21.98	22.02	21.99	23	1
5	QPSK	25	0	21.98	22.03	22.04		
5	16QAM	1	0	22.35	22.45	22.40	23	1
5	16QAM	1	12	22.22	22.30	22.19		
5	16QAM	1	24	22.16	22.35	22.35	22	2
5	16QAM	12	0	21.03	21.05	21.07		
5	16QAM	12	7	21.02	21.08	21.05	22	2
5	16QAM	12	13	21.02	21.05	21.02		
5	16QAM	25	0	20.97	21.06	21.00	22	2
5	64QAM	1	0	21.15	21.23	21.18		
5	64QAM	1	12	21.01	21.13	20.95	21	3
5	64QAM	1	24	21.03	21.15	21.07		
5	64QAM	12	0	19.99	20.02	20.04	21	3
5	64QAM	12	7	19.99	20.03	20.03		
5	64QAM	12	13	19.93	19.99	19.99	21	3
5	64QAM	25	0	19.98	20.06	20.01		

GSM850_DS1 Ant2

GSM850	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	(dBm)	824.2	836.4	848.8	(dBm)
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.59	32.73	32.82	33.50	23.59	23.73	23.82	24.50
GPRS 1 Tx slot	32.67	32.75	32.74	33.50	23.67	23.75	23.74	24.50
GPRS 2 Tx slots	27.75	27.84	27.79	28.50	21.75	21.84	21.79	22.50
GPRS 3 Tx slots	25.53	25.64	25.66	27.00	21.27	21.38	21.40	22.74
GPRS 4 Tx slots	23.28	23.28	23.33	25.00	20.28	20.28	20.33	22.00
EDGE 1 Tx slot	26.62	26.59	26.57	28.00	17.62	17.59	17.57	19.00
EDGE 2 Tx slots	23.95	23.92	23.91	25.00	17.95	17.92	17.91	19.00
EDGE 3 Tx slots	22.07	22.06	22.21	23.00	17.81	17.80	17.95	18.74
EDGE 4 Tx slots	20.82	20.95	21.02	22.50	17.82	17.95	18.02	19.50

GSM1900_DS1 Ant2

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.49	25.67	25.53	26.00	16.49	16.67	16.53	17.00
GPRS 1 Tx slot	25.44	25.79	25.77	26.00	16.44	16.79	16.77	17.00
GPRS 2 Tx slots	23.19	23.34	23.28	24.00	17.19	17.34	17.28	18.00
GPRS 3 Tx slots	21.15	21.03	21.23	22.00	16.89	16.77	16.97	17.74
GPRS 4 Tx slots	19.43	19.52	19.86	20.50	16.43	16.52	16.86	17.50
EDGE 1 Tx slot	24.88	24.87	24.90	26.00	15.88	15.87	15.90	17.00
EDGE 2 Tx slots	23.01	22.99	23.23	24.00	17.01	16.99	17.23	18.00
EDGE 3 Tx slots	20.76	20.92	20.74	22.00	16.50	16.66	16.48	17.74
EDGE 4 Tx slots	19.19	19.32	19.55	20.50	16.19	16.32	16.55	17.50

WCDMA II_DS1 Ant2

WCDMA IV_DS1 Ant2

WCDMA V_DS1 Ant2

Band	WCDMA II				Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	15.13	15.18	15.11	16.50	15.16	15.35	15.24	16.50	23.11	23.15	23.17	23.50
3GPP Rel 99	RMC 12.2Kbps	15.28	15.31	15.19	16.50	15.19	15.36	15.19	16.50	23.17	23.29	23.26	23.50
3GPP Rel 6	HSDDA Subtest-1	15.23	15.16	15.04	16.50	15.31	15.22	15.11	16.50	22.93	23.08	23.13	23.50
3GPP Rel 6	HSDDA Subtest-2	15.30	15.18	15.06	16.50	15.30	15.25	15.11	16.50	23.13	23.17	23.01	23.50
3GPP Rel 6	HSDDA Subtest-3	15.04	15.03	15.09	16.50	15.07	15.03	15.19	16.50	22.52	22.61	22.67	23.50
3GPP Rel 6	HSDDA Subtest-4	15.08	15.09	15.11	16.50	15.06	15.11	15.13	16.50	22.52	22.59	22.71	23.50
3GPP Rel 6	DC-HSDDA Subtest-1	15.16	15.06	15.01	16.50	15.09	15.22	15.00	16.50	22.94	23.27	23.22	23.50
3GPP Rel 6	DC-HSDDA Subtest-2	15.25	15.12	15.03	16.50	15.21	15.27	15.06	16.50	23.17	23.25	23.10	23.50
3GPP Rel 6	DC-HSDDA Subtest-3	15.03	15.02	15.05	16.50	15.01	15.04	15.10	16.50	22.63	22.74	22.58	23.50
3GPP Rel 6	DC-HSDDA Subtest-4	15.01	15.07	15.05	16.50	15.09	15.14	15.12	16.50	22.28	22.67	22.55	23.50
3GPP Rel 8	HSUPA Subtest-1	15.10	15.06	15.05	16.50	15.17	15.20	15.13	16.50	21.03	21.30	21.38	23.00
3GPP Rel 6	HSUPA Subtest-2	15.14	15.01	15.09	16.50	15.19	15.11	15.07	16.50	21.32	21.01	21.11	23.00
3GPP Rel 6	HSUPA Subtest-3	15.15	15.14	15.23	16.50	15.16	15.29	15.04	16.50	21.40	21.28	21.27	23.00
3GPP Rel 6	HSUPA Subtest-4	15.06	15.13	15.05	16.50	15.18	15.07	15.15	16.50	21.10	21.22	21.06	23.00
3GPP Rel 6	HSUPA Subtest-5	15.03	15.22	15.16	16.50	15.05	15.08	15.06	16.50	21.18	21.14	21.15	23.00

Band 7 Default Ant2								
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				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.61	17.64	17.60	18	0
20	QPSK	1	49	17.54	17.59	17.58		
20	QPSK	1	99	17.54	17.55	17.53		
20	QPSK	50	0	17.44	17.47	17.44	18	0
20	QPSK	50	24	17.43	17.45	17.41		
20	QPSK	50	50	17.37	17.41	17.36		
20	QPSK	100	0	17.34	17.38	17.35	18	0
20	16QAM	1	0	17.50	17.54	17.49		
20	16QAM	1	49	17.44	17.48	17.45		
20	16QAM	1	99	17.39	17.43	17.38	18	0
20	16QAM	50	0	17.38	17.43	17.38		
20	16QAM	50	24	17.39	17.41	17.38		
20	16QAM	50	50	17.35	17.39	17.36	18	0
20	16QAM	100	0	17.34	17.36	17.34		
20	64QAM	1	0	17.59	17.61	17.57		
20	64QAM	1	49	17.52	17.57	17.53	18	0
20	64QAM	1	99	17.49	17.52	17.48		
20	64QAM	50	0	17.36	17.39	17.35		
20	64QAM	50	24	17.32	17.35	17.33	18	0
20	64QAM	50	50	17.25	17.27	17.25		
20	64QAM	100	0	17.14	17.17	17.16		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.50	17.60	17.56	18	0
15	QPSK	1	37	17.51	17.57	17.53		
15	QPSK	1	74	17.51	17.54	17.51		
15	QPSK	36	0	17.40	17.43	17.39	18	0
15	QPSK	36	20	17.41	17.43	17.37		
15	QPSK	36	39	17.38	17.40	17.32		
15	QPSK	75	0	17.32	17.35	17.33	18	0
15	16QAM	1	0	17.46	17.50	17.45		
15	16QAM	1	37	17.43	17.47	17.41		
15	16QAM	1	74	17.35	17.42	17.34	18	0
15	16QAM	36	0	17.36	17.42	17.35		
15	16QAM	36	20	17.36	17.38	17.34		
15	16QAM	36	39	17.31	17.37	17.32	18	0
15	16QAM	75	0	17.32	17.33	17.29		
15	64QAM	1	0	17.54	17.58	17.55		
15	64QAM	1	37	17.48	17.52	17.51	18	0
15	64QAM	1	74	17.47	17.49	17.47		
15	64QAM	36	0	17.34	17.35	17.33		
15	64QAM	36	20	17.30	17.33	17.29	18	0
15	64QAM	36	39	17.21	17.24	17.21		
15	64QAM	75	0	17.09	17.13	17.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.56	17.58	17.54	18	0
10	QPSK	1	25	17.48	17.52	17.51		
10	QPSK	1	49	17.47	17.52	17.47		
10	QPSK	25	0	17.38	17.39	17.36	18	0
10	QPSK	25	12	17.38	17.42	17.32		
10	QPSK	25	25	17.35	17.36	17.27		
10	QPSK	50	0	17.29	17.31	17.28	18	0
10	16QAM	1	0	17.42	17.46	17.42		
10	16QAM	1	25	17.39	17.43	17.36		
10	16QAM	1	49	17.31	17.40	17.32	18	0
10	16QAM	25	0	17.33	17.40	17.32		
10	16QAM	25	12	17.34	17.34	17.32		
10	16QAM	25	25	17.29	17.35	17.29	18	0
10	16QAM	50	0	17.27	17.31	17.25		
10	64QAM	1	0	17.53	17.53	17.53		
10	64QAM	1	25	17.47	17.50	17.47	18	0
10	64QAM	1	49	17.45	17.45	17.44		
10	64QAM	25	0	17.30	17.30	17.31		
10	64QAM	25	12	17.27	17.29	17.24	18	0
10	64QAM	25	25	17.16	17.19	17.19		
10	64QAM	50	0	17.08	17.11	17.08		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.54	17.55	17.52	18	0
5	QPSK	1	12	17.43	17.50	17.48		
5	QPSK	1	24	17.44	17.51	17.43		
5	QPSK	12	0	17.35	17.35	17.32	18	0
5	QPSK	12	7	17.34	17.39	17.30		
5	QPSK	12	13	17.33	17.31	17.23		
5	QPSK	25	0	17.24	17.28	17.25	18	0
5	16QAM	1	0	17.38	17.45	17.41		
5	16QAM	1	12	17.36	17.39	17.34		
5	16QAM	1	24	17.28	17.38	17.29	18	0
5	16QAM	12	0	17.31	17.36	17.29		
5	16QAM	12	7	17.32	17.30	17.28		
5	16QAM	12	13	17.25	17.33	17.24	18	0
5	16QAM	25	0	17.24	17.28	17.20		
5	64QAM	1	0	17.52	17.50	17.49		
5	64QAM	1	12	17.45	17.49	17.43	18	0
5	64QAM	1	24	17.43	17.42	17.42		
5	64QAM	12	0	17.25	17.25	17.30		
5	64QAM	12	7	17.26	17.28	17.19	18	0
5	64QAM	12	13	17.13	17.15	17.16		
5	64QAM	25	0	17.05	17.06	17.06		

GSM850 DSI 2 Ant1								
GSM850 TX Channel Frequency (MHz)	Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
	128	189	251		128	189	251	
	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	33.12	33.39	33.20	33.50	24.12	24.39	24.20	24.50
GPRS 1 Tx slot	33.08	33.37	33.16	33.50	24.08	24.37	24.16	24.50
GPRS 2 Tx slots	28.58	28.65	28.79	29.50	22.58	22.65	22.79	23.50
GPRS 3 Tx slots	26.75	27.01	27.15	28.00	22.49	22.75	22.89	23.74
GPRS 4 Tx slots	25.65	25.72	25.74	27.00	22.65	22.72	22.74	24.00
EDGE 1 Tx slot	26.48	26.57	26.39	28.00	17.48	17.57	17.39	19.00
EDGE 2 Tx slots	23.83	23.85	23.64	25.00	17.83	17.85	17.64	19.00
EDGE 3 Tx slots	22.16	22.27	21.97	23.00	17.90	18.01	17.71	18.74
EDGE 4 Tx slots	20.94	20.95	20.89	22.50	17.94	17.95	17.89	19.50

GSM1900 DSI 2 Ant1								
GSM1900 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.08	30.01	30.15	30.50	21.08	21.01	21.15	21.50
GPRS 1 Tx slot	29.84	30.02	29.86	30.50	20.84	21.02	20.86	21.50
GPRS 2 Tx slots	25.70	25.55	25.75	26.50	19.70	19.55	19.75	20.50
GPRS 3 Tx slots	23.90	23.76	24.01	25.00	19.64	19.50	19.75	20.74
GPRS 4 Tx slots	22.68	22.74	22.83	24.00	19.68	19.74	19.83	21.00
EDGE 1 Tx slot	25.72	25.45	25.69	27.00	16.72	16.45	16.69	18.00
EDGE 2 Tx slots	23.25	22.97	23.25	23.50	17.25	16.97	17.25	17.50
EDGE 3 Tx slots	21.76	21.79	21.75	22.00	17.50	17.53	17.49	17.74
EDGE 4 Tx slots	19.75	19.67	19.78	21.50	16.75	16.67	16.78	18.50

		WCDMA II DSI 2 Ant1				WCDMA IV DSI 2 Ant1				WCDMA V DSI 2 Ant1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
RX Channel		9602	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.11	24.15	24.08	25.50	24.02	24.03	23.98	25.50	24.48	24.51	24.42	25.50
3GPP Rel 99	RMC 12.2Kbps	24.13	24.18	24.15	25.50	24.07	24.08	24.05	25.50	24.51	24.53	24.45	25.50
3GPP Rel 6	HSOPA Subtest-1	23.10	22.95	22.95	24.00	22.75	22.73	22.63	24.00	23.39	23.33	23.37	24.00
3GPP Rel 6	HSOPA Subtest-2	23.09	22.92	22.93	24.00	22.74	22.73	22.64	24.00	23.35	23.35	23.35	24.00
3GPP Rel 6	HSOPA Subtest-3	22.58	22.46	22.44	24.00	22.27	22.18	22.15	24.00	22.86	22.81	22.86	24.00
3GPP Rel 6	HSOPA Subtest-4	22.55	22.46	22.45	24.00	22.29	22.21	22.15	24.00	22.85	22.86	22.88	24.00
3GPP Rel 8	DC-HSOPA Subtest-1	23.07	22.87	22.99	24.00	23.02	22.79	22.86	24.00	23.41	23.22	23.35	24.00
3GPP Rel 8	DC-HSOPA Subtest-2	23.00	22.94	23.04	24.00	22.94	22.82	22.77	24.00	23.36	23.36	23.25	24.00
3GPP Rel 8	DC-HSOPA Subtest-3	22.60	22.89	22.77	24.00	22.42	22.42	22.26	24.00	22.90	22.82	22.83	24.00
3GPP Rel 8	DC-HSOPA Subtest-4	22.57	22.55	22.36	24.00	22.56	22.27	22.44	24.00	22.93	22.94	22.79	24.00
3GPP Rel 6	HSUPA Subtest-1	21.44	21.49	21.53	23.00	21.45	21.39	21.50	23.00	22.92	22.94	22.96	23.00
3GPP Rel 6	HSUPA Subtest-2	21.31	21.23	21.33	23.00	21.29	21.19	21.33	23.00	21.26	21.19	21.28	23.00
3GPP Rel 6	HSUPA Subtest-3	21.52	21.34	21.62	23.00	21.41	21.35	21.53	23.00	22.27	22.21	22.27	23.00
3GPP Rel 6	HSUPA Subtest-4	21.36	21.54	21.39	23.00	21.29	21.54	21.35	23.00	21.28	21.27	21.28	23.00
3GPP Rel 6	HSUPA Subtest-5	21.59	21.49	21.55	23.00	21.55	21.44	21.56	23.00	22.90	22.91	22.93	23.00

Band 7 DSI 2 Ant1								
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				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.10	23.30	23.38	23	1
20	QPSK	1	49	23.06	23.12	23.04		
20	QPSK	1	99	23.03	23.18	23.14	23	1
20	QPSK	50	0	21.92	22.10	21.96		
20	QPSK	50	24	21.81	21.99	21.86	23	1
20	QPSK	50	50	21.88	22.04	21.93		
20	QPSK	100	0	21.96	22.09	21.98	23	1
20	16QAM	1	0	22.58	22.67	22.56		
20	16QAM	1	49	22.37	22.62	22.31	22	2
20	16QAM	1	99	22.33	22.45	22.28		
20	16QAM	50	0	21.22	21.34	21.24	22	2
20	16QAM	50	24	21.16	21.25	21.21		
20	16QAM	50	50	21.16	21.34	21.26	22	2
20	16QAM	100	0	21.22	21.33	21.24		
20	64QAM	1	0	21.35	21.41	21.43	22	2
20	64QAM	1	49	21.31	21.22	21.09		
20	64QAM	1	99	21.33	21.19	21.11	21	3
20	64QAM	50	0	20.09	20.21	20.12		
20	64QAM	50	24	20.03	20.11	20.05	21	3
20	64QAM	50	50	20.04	20.18	20.16		
20	64QAM	100	0	20.13	20.22	20.13	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	24	0
15	QPSK	1	0	23.06	23.20	23.08		
15	QPSK	1	37	23.04	23.12	23.24	23	1
15	QPSK	1	74	23.02	23.13	23.02		
15	QPSK	36	0	21.70	22.01	21.87	23	1
15	QPSK	36	20	21.83	21.98	21.82		
15	QPSK	36	39	21.79	22.06	21.85	23	1
15	QPSK	75	0	21.82	21.98	21.81		
15	16QAM	1	0	22.19	22.26	22.25	23	1
15	16QAM	1	37	22.28	22.37	22.21		
15	16QAM	1	74	22.39	22.32	22.22	22	2
15	16QAM	36	0	21.02	21.24	21.19		
15	16QAM	36	20	21.12	21.24	21.16	22	2
15	16QAM	36	39	21.09	21.29	21.17		
15	16QAM	75	0	21.12	21.24	21.15	22	2
15	64QAM	1	0	21.01	21.17	21.03		
15	64QAM	1	37	20.99	21.12	21.16	21	3
15	64QAM	1	74	21.13	21.29	21.17		
15	64QAM	36	0	19.72	19.93	19.86	21	3
15	64QAM	36	20	19.81	19.96	19.83		
15	64QAM	36	39	19.80	20.00	19.85	21	3
15	64QAM	75	0	19.82	19.96	19.85		
Channel				20800	21100	21400	24	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.02	23.11	23.01	24	0
10	QPSK	1	25	22.82	22.92	23.00		
10	QPSK	1	49	22.97	23.10	23.04	23	1
10	QPSK	25	0	21.94	21.99	21.99		
10	QPSK	25	12	21.89	22.03	21.99	23	1
10	QPSK	25	25	21.96	22.08	22.00		
10	QPSK	50	0	21.91	22.08	22.03	23	1
10	16QAM	1	0	22.33	22.46	22.31		
10	16QAM	1	25	22.29	22.47	22.22	22	2
10	16QAM	1	49	22.38	22.52	22.29		
10	16QAM	25	0	20.99	20.99	21.00	22	2
10	16QAM	25	12	20.82	20.98	21.06		
10	16QAM	25	25	20.86	20.95	21.06	22	2
10	16QAM	50	0	20.87	21.03	21.02		
10	64QAM	1	0	21.21	21.32	21.28	22	2
10	64QAM	1	25	21.11	21.30	21.22		
10	64QAM	1	49	21.24	21.35	21.28	21	3
10	64QAM	25	0	19.97	19.99	19.95		
10	64QAM	25	12	19.84	20.01	19.99	21	3
10	64QAM	25	25	19.90	20.01	20.00		
10	64QAM	50	0	19.84	19.99	20.01	21	3
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	24	0
5	QPSK	1	0	22.96	23.04	23.06		
5	QPSK	1	12	22.88	22.98	23.02	23	1
5	QPSK	1	24	22.82	22.95	22.98		
5	QPSK	12	0	21.98	22.04	21.98	23	1
5	QPSK	12	7	21.94	22.06	21.99		
5	QPSK	12	13	21.98	22.02	21.99	23	1
5	QPSK	25	0	21.98	22.03	22.04		
5	16QAM	1	0	22.35	22.45	22.40	23	1
5	16QAM	1	12	22.22	22.30	22.19		
5	16QAM	1	24	22.16	22.35	22.35	22	2
5	16QAM	12	0	21.03	21.05	21.07		
5	16QAM	12	7	21.02	21.08	21.05	22	2
5	16QAM	12	13	21.02	21.05	21.02		
5	16QAM	25	0	20.97	21.06	21.00	22	2
5	64QAM	1	0	21.15	21.23	21.18		
5	64QAM	1	12	21.01	21.13	20.95	21	3
5	64QAM	1	24	21.03	21.15	21.07		
5	64QAM	12	0	19.99	20.02	20.04	21	3
5	64QAM	12	7	19.99	20.03	20.03		
5	64QAM	12	13	19.93	19.99	19.99	21	3
5	64QAM	25	0	19.98	20.06	20.01		

GSM850 DSI 2 Ant2									
GSM850		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	848.8	(dbm)	824.2	836.4	848.8	(dbm)
GSM 1 Tx slot		32.59	32.73	32.82	33.50	23.59	23.73	23.82	24.50
GPRS 1 Tx slot		32.67	32.75	32.74	33.50	23.67	23.75	23.74	24.50
GPRS 2 Tx slots		28.94	29.00	29.05	29.50	22.94	23.00	23.05	23.50
GPRS 3 Tx slots		27.18	27.11	27.10	28.00	22.92	22.85	22.84	23.74
GPRS 4 Tx slots		25.70	25.83	25.82	27.00	22.70	22.83	22.82	24.00
EDGE 1 Tx slot		26.62	26.59	26.57	28.00	17.62	17.59	17.57	19.00
EDGE 2 Tx slots		23.95	23.92	23.91	25.00	17.95	17.92	17.91	19.00
EDGE 3 Tx slots		22.07	22.06	22.21	23.00	17.81	17.80	17.95	18.74
EDGE 4 Tx slots		20.82	20.95	21.02	22.50	17.82	17.95	18.02	19.50

GSM190 DSI 2 Ant2									
GSM190		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	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot		29.81	30.13	30.18	30.50	20.81	21.13	21.18	21.50
GPRS 1 Tx slot		29.84	30.02	29.86	30.50	20.84	21.02	20.86	21.50
GPRS 2 Tx slots		25.04	26.13	26.10	26.50	19.94	20.13	20.10	20.50
GPRS 3 Tx slots		24.05	24.15	24.26	25.00	19.79	19.89	20.00	20.74
GPRS 4 Tx slots		22.93	23.11	23.23	24.00	19.93	20.11	20.23	21.00
EDGE 1 Tx slot		25.73	25.86	25.91	27.00	16.73	16.86	16.91	18.00
EDGE 2 Tx slots		23.13	23.28	23.40	23.50	17.13	17.28	17.40	17.50
EDGE 3 Tx slots		21.92	21.97	21.96	22.00	17.66	17.71	17.70	17.74
EDGE 4 Tx slots		20.14	20.28	20.37	21.50	17.14	17.28	17.37	18.50

WCDMA II DSI 2 Ant2					WCDMA IV DSI 2 Ant2					WCDMA V DSI 2 Ant2				
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
Tx Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel		9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	
Frequency (MHz)		1852.4	1880	1907.6	(dBm)	1712.4	1732.6	1752.6	(dBm)	4264.4	4304.4	4364.6	(dBm)	
3GPP Rel 99	AMR 12.2Kbps	23.07	23.17	23.08	23.50	23.06	23.09	23.08	23.50	23.95	24.12	24.08	25.50	
3GPP Rel 99	RMC 12.2Kbps	23.09	23.18	23.11	23.50	23.08	23.11	23.09	23.50	23.97	24.13	24.10	25.50	
3GPP Rel 6	HSODA Subtest-1	23.03	23.12	22.92	23.50	23.05	23.07	23.06	24.00	23.14	23.28	23.27	24.00	
3GPP Rel 6	HSODA Subtest-2	23.04	23.08	22.93	23.50	23.06	23.05	23.05	24.00	23.12	23.31	23.20	24.00	
3GPP Rel 6	HSODA Subtest-3	22.64	22.61	22.58	23.50	22.83	22.79	22.83	24.00	22.62	22.81	22.72	24.00	
3GPP Rel 6	HSODA Subtest-4	22.73	22.56	22.61	23.50	22.89	22.75	22.94	24.00	22.59	22.80	22.74	24.00	
3GPP Rel 8	DC-HSODA Subtest-1	23.04	23.11	22.96	23.50	23.02	23.09	23.01	24.00	23.11	23.40	23.37	24.00	
3GPP Rel 8	DC-HSODA Subtest-2	23.02	22.97	23.02	23.50	23.04	23.04	23.10	24.00	23.20	23.26	23.30	24.00	
3GPP Rel 8	DC-HSODA Subtest-3	22.65	22.54	22.48	23.50	22.57	22.58	22.68	24.00	22.73	22.90	22.81	24.00	
3GPP Rel 8	DC-HSODA Subtest-4	22.69	22.63	22.47	23.50	22.76	22.48	22.54	24.00	22.48	22.73	22.71	24.00	
3GPP Rel 6	HSUPA Subtest-1	21.73	21.67	21.64	23.00	21.34	21.37	21.38	23.00	21.15	21.26	21.34	23.00	
3GPP Rel 6	HSUPA Subtest-2	21.77	21.62	21.65	23.00	21.13	21.08	21.10	23.00	21.27	21.16	21.16	23.00	
3GPP Rel 6	HSUPA Subtest-3	22.21	22.13	21.89	23.00	21.62	21.56	21.34	23.00	21.49	21.36	21.31	23.00	
3GPP Rel 6	HSUPA Subtest-4	21.77	21.64	21.71	23.00	21.26	21.33	21.38	23.00	21.27	21.20	21.17	23.00	
3GPP Rel 6	HSUPA Subtest-5	21.70	21.59	21.57	23.00	21.29	21.25	21.19	23.00	21.17	21.16	21.29	23.00	

Band 7 DSI 2 Ant2								
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				20850	21100	21350	24	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.16	23.13	24	0
20	QPSK	1	49	22.95	23.12	23.09		
20	QPSK	1	99	22.87	22.94	22.91	23	1
20	QPSK	50	0	21.97	22.02	21.94		
20	QPSK	50	24	21.81	21.89	21.88	23	1
20	QPSK	50	50	21.81	21.98	21.92		
20	QPSK	100	0	21.86	21.99	21.97	23	1
20	16QAM	1	0	21.98	22.13	22.06		
20	16QAM	1	49	21.83	21.96	21.84	22	2
20	16QAM	1	99	22.01	22.02	21.98		
20	16QAM	50	0	20.90	21.05	21.03	22	2
20	16QAM	50	24	20.89	21.00	21.02		
20	16QAM	50	50	20.95	21.05	21.09	22	2
20	16QAM	100	0	20.99	21.05	21.05		
20	64QAM	1	0	21.06	20.98	20.96	22	2
20	64QAM	1	49	20.91	20.97	20.94		
20	64QAM	1	99	21.04	20.94	20.89	21	3
20	64QAM	50	0	19.99	20.03	20.02		
20	64QAM	50	24	19.91	19.96	19.96	21	3
20	64QAM	50	50	19.88	20.01	20.02		
20	64QAM	100	0	19.99	20.04	20.04	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	22.79	22.98	22.85	24	0
15	QPSK	1	37	22.87	22.82	22.87		
15	QPSK	1	74	22.79	22.73	22.73	23	1
15	QPSK	36	0	21.94	21.76	21.68		
15	QPSK	36	20	21.53	21.70	21.64	23	1
15	QPSK	36	39	21.50	21.78	21.82		
15	QPSK	75	0	21.66	21.83	21.87	23	1
15	16QAM	1	0	21.76	21.85	21.93		
15	16QAM	1	37	21.72	21.70	21.68	22	2
15	16QAM	1	74	21.77	21.94	21.75		
15	16QAM	36	0	20.62	20.78	20.94	22	2
15	16QAM	36	20	20.74	20.70	20.91		
15	16QAM	36	39	20.73	20.95	20.78	22	2
15	16QAM	75	0	20.82	20.86	20.90		
15	64QAM	1	0	20.80	20.77	20.87	22	2
15	64QAM	1	37	20.67	20.72	20.68		
15	64QAM	1	74	20.81	20.64	20.69	21	3
15	64QAM	36	0	19.88	19.90	19.75		
15	64QAM	36	20	19.83	19.77	19.78	21	3
15	64QAM	36	39	19.56	19.57	19.79		
15	64QAM	75	0	19.84	19.75	19.85	21	3
Channel				20800	21100	21400		
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	22.83	22.87	22.93	24	0
10	QPSK	1	25	22.79	22.80	22.90		
10	QPSK	1	49	22.56	22.66	22.62	23	1
10	QPSK	25	0	21.69	21.85	21.74		
10	QPSK	25	12	21.63	21.68	21.76	23	1
10	QPSK	25	25	21.52	21.75	21.73		
10	QPSK	50	0	21.67	21.87	21.86	23	1
10	16QAM	1	0	21.79	21.83	21.79		
10	16QAM	1	25	21.57	21.72	21.54	22	2
10	16QAM	1	49	21.82	21.86	21.72		
10	16QAM	25	0	20.69	20.94	20.86	22	2
10	16QAM	25	12	20.60	20.91	20.88		
10	16QAM	25	25	20.85	20.77	20.96	22	2
10	16QAM	50	0	20.88	20.86	20.82		
10	64QAM	1	0	20.83	20.77	20.86	22	2
10	64QAM	1	25	20.66	20.66	20.61		
10	64QAM	1	49	20.81	20.84	20.74	21	3
10	64QAM	25	0	19.80	19.83	19.93		
10	64QAM	25	12	19.75	19.80	19.68	21	3
10	64QAM	25	25	19.66	19.77	19.75		
10	64QAM	50	0	19.72	19.74	19.92	21	3
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.78	22.83	22.78	24	0
5	QPSK	1	12	22.78	22.77	22.88		
5	QPSK	1	24	22.57	22.70	22.55	23	1
5	QPSK	12	0	21.72	21.84	21.64		
5	QPSK	12	7	21.66	21.71	21.59	23	1
5	QPSK	12	13	21.54	21.81	21.70		
5	QPSK	25	0	21.58	21.65	21.65	23	1
5	16QAM	1	0	21.70	21.97	21.78		
5	16QAM	1	12	21.58	21.76	21.64	23	1
5	16QAM	1	24	21.85	21.69	21.75		
5	16QAM	12	0	20.55	20.74	20.70	22	2
5	16QAM	12	7	20.57	20.80	20.83		
5	16QAM	12	13	20.81	20.85	20.73	22	2
5	16QAM	25	0	20.63	20.68	20.85		
5	64QAM	1	0	20.82	20.83	20.59	22	2
5	64QAM	1	12	20.73	20.66	20.59		
5	64QAM	1	24	20.80	20.64	20.68	21	3
5	64QAM	12	0	19.72	19.88	19.79		
5	64QAM	12	7	19.67	19.67	19.62	21	3
5	64QAM	12	13	19.61	19.82	19.80		
5	64QAM	25	0	19.72	19.71	19.77	21	3

GSM850 DS14 Ant1							
GSM850 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		Tune-up Limit (dBm)
	128	189	251		128	189	251
	824.2	836.4	848.8	(dBm)	824.2	836.4	848.8
GSM 1 Tx slot	33.12	33.39	33.20	33.50	24.12	24.39	24.20
GPRS 1 Tx slot	33.08	33.37	33.16	33.50	24.08	24.37	24.16
GPRS 2 Tx slots	26.58	26.65	26.79	26.50	22.58	22.65	22.79
GPRS 3 Tx slots	26.75	27.01	27.15	26.00	22.49	22.75	22.89
GPRS 4 Tx slots	25.65	25.72	25.74	27.00	22.65	22.72	22.74
EDGE 1 Tx slot	26.48	26.57	26.39	28.00	17.48	17.57	17.39
EDGE 2 Tx slots	23.83	23.85	23.64	25.00	17.83	17.85	17.64
EDGE 3 Tx slots	22.16	22.27	21.97	23.00	17.90	18.01	17.71
EDGE 4 Tx slots	20.94	20.95	20.89	22.50	17.94	17.95	17.89

GSM1900 DS14 Ant1							
GSM1900 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)		Tune-up Limit (dBm)
	512	661	810		512	661	810
	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8
GSM 1 Tx slot	26.63	26.74	26.87	28.00	17.63	17.74	17.87
GPRS 1 Tx slot	26.53	26.84	26.47	28.00	17.53	17.84	17.47
GPRS 2 Tx slots	23.51	23.62	23.56	25.00	17.51	17.62	17.55
GPRS 3 Tx slots	21.59	21.65	21.97	23.00	17.33	17.39	17.71
GPRS 4 Tx slots	20.12	20.28	20.30	21.50	17.12	17.28	17.30
EDGE 1 Tx slot	25.02	25.14	25.30	26.50	16.02	16.14	16.30
EDGE 2 Tx slots	22.69	22.80	22.96	24.00	16.69	16.80	16.96
EDGE 3 Tx slots	21.35	21.44	21.47	23.00	17.09	17.18	17.21
EDGE 4 Tx slots	19.80	19.81	20.06	21.30	16.80	16.81	17.06

WCDMA II DS14 Ant1							
Band TX Channel Frequency (MHz)	WCDMA II			Tune-up Limit (dBm)	WCDMA IV		Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513
	9662	9800	9938	(dBm)	1537	1638	1738
3GPP Rel 99	1332.4	1360	1397.6	21.50	1742.4	1752.6	1752.6
3GPP Rel 99	AMR 12.2Kbps	20.17	20.03	20.01	19.89	20.04	20.12
3GPP Rel 99	RMC 12.2Kbps	20.04	20.21	19.97	20.02	20.23	20.09
3GPP Rel 6	HSDPA Subtest-1	20.19	20.14	20.16	20.16	20.11	20.16
3GPP Rel 6	HSDPA Subtest-2	20.12	20.16	20.09	20.22	20.18	20.20
3GPP Rel 6	HSDPA Subtest-3	20.19	20.01	19.83	19.82	19.71	19.61
3GPP Rel 6	HSDPA Subtest-4	20.05	19.89	19.86	19.79	19.71	19.70
3GPP Rel 8	DC-HSDPA Subtest-1	20.11	20.17	20.18	20.14	20.10	20.17
3GPP Rel 8	DC-HSDPA Subtest-2	20.10	20.13	20.05	20.17	20.09	20.15
3GPP Rel 8	DC-HSDPA Subtest-3	20.20	20.06	19.81	19.81	19.65	19.57
3GPP Rel 8	DC-HSDPA Subtest-4	20.09	19.93	19.86	19.72	19.69	19.67
3GPP Rel 6	HSUPA Subtest-1	19.94	19.99	20.03	19.95	19.89	20.00
3GPP Rel 6	HSUPA Subtest-2	19.81	19.73	19.83	19.79	19.69	19.83
3GPP Rel 6	HSUPA Subtest-3	20.02	19.84	20.12	19.91	19.85	20.03
3GPP Rel 6	HSUPA Subtest-4	19.86	20.04	19.89	19.79	20.04	19.85
3GPP Rel 6	HSUPA Subtest-5	20.09	19.99	20.05	20.05	19.94	20.06

WCDMA V DS14 Ant1							
Band TX Channel Frequency (MHz)	WCDMA V			Tune-up Limit (dBm)	WCDMA V		Tune-up Limit (dBm)
	4132	4182	4233		4132	4182	4233
	4357	4407	4458	(dBm)	4357	4407	4458
3GPP Rel 99	24.48	24.51	24.42	25.50	24.48	24.51	24.42
3GPP Rel 6	23.39	23.33	23.37	24.00	23.39	23.33	23.37
3GPP Rel 6	23.35	23.35	23.35	24.00	23.35	23.35	23.35
3GPP Rel 6	22.86	22.81	22.86	24.00	22.86	22.81	22.86
3GPP Rel 6	22.85	22.86	22.88	24.00	22.85	22.86	22.88
3GPP Rel 8	23.41	23.22	23.35	24.00	23.41	23.22	23.35
3GPP Rel 8	23.36	23.36	23.25	24.00	23.36	23.36	23.25
3GPP Rel 8	22.80	22.82	22.83	24.00	22.80	22.82	22.83
3GPP Rel 8	22.93	22.94	22.79	24.00	22.93	22.94	22.79
3GPP Rel 6	22.92	22.94	22.96	23.00	22.92	22.94	22.96
3GPP Rel 6	21.26	21.19	21.28	23.00	21.26	21.19	21.28
3GPP Rel 6	22.27	22.21	22.27	23.00	22.27	22.21	22.27
3GPP Rel 6	21.28	21.27	21.28	23.00	21.28	21.27	21.28
3GPP Rel 6	22.90	22.91	22.93	23.00	22.90	22.91	22.93

Band 7 DS4 Ant1								
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				20850	21100	21350	18.5	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.75	17.77	17.73		
20	QPSK	1	49	17.69	17.73	17.69		
20	QPSK	1	99	17.67	17.69	17.66	18.5	0
20	QPSK	50	0	17.65	17.68	17.65		
20	QPSK	50	24	17.59	17.63	17.61		
20	QPSK	50	50	17.56	17.59	17.54		
20	QPSK	100	0	17.54	17.56	17.54	18.5	0
20	16QAM	1	0	17.73	17.76	17.73		
20	16QAM	1	49	17.71	17.75	17.70		
20	16QAM	1	99	17.67	17.71	17.67		
20	16QAM	50	0	17.68	17.68	17.64	18.5	0
20	16QAM	50	24	17.62	17.64	17.62		
20	16QAM	50	50	17.58	17.59	17.58		
20	16QAM	100	0	17.53	17.56	17.51		
20	64QAM	1	0	17.71	17.76	17.73	18.5	0
20	64QAM	1	49	17.72	17.74	17.69		
20	64QAM	1	99	17.71	17.73	17.69		
20	64QAM	50	0	17.69	17.72	17.71		
20	64QAM	50	24	17.65	17.69	17.68	18.5	0
20	64QAM	50	50	17.63	17.66	17.62		
20	64QAM	100	0	17.57	17.62	17.59		
Channel				20825	21100	21375	18.5	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.71	17.72	17.68		
15	QPSK	1	37	17.66	17.72	17.67		
15	QPSK	1	74	17.66	17.65	17.62	18.5	0
15	QPSK	36	0	17.61	17.64	17.61		
15	QPSK	36	20	17.55	17.62	17.57		
15	QPSK	36	39	17.54	17.57	17.49		
15	QPSK	75	0	17.49	17.54	17.49	18.5	0
15	16QAM	1	0	17.69	17.72	17.71		
15	16QAM	1	37	17.67	17.73	17.68		
15	16QAM	1	74	17.63	17.68	17.65		
15	16QAM	36	0	17.65	17.66	17.61	18.5	0
15	16QAM	36	20	17.59	17.60	17.59		
15	16QAM	36	39	17.55	17.58	17.55		
15	16QAM	75	0	17.49	17.52	17.50		
15	64QAM	1	0	17.70	17.74	17.71	18.5	0
15	64QAM	1	37	17.69	17.69	17.65		
15	64QAM	1	74	17.69	17.69	17.65		
15	64QAM	36	0	17.66	17.68	17.68		
15	64QAM	36	20	17.62	17.65	17.63	18.5	0
15	64QAM	36	39	17.61	17.62	17.57		
15	64QAM	75	0	17.54	17.61	17.57		
Channel				20800	21100	21400	18.5	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.68	17.69	17.65		
10	QPSK	1	25	17.62	17.69	17.62		
10	QPSK	1	49	17.62	17.64	17.59	18.5	0
10	QPSK	25	0	17.59	17.62	17.58		
10	QPSK	25	12	17.51	17.58	17.54		
10	QPSK	25	25	17.50	17.55	17.47		
10	QPSK	50	0	17.46	17.50	17.47	18.5	0
10	16QAM	1	0	17.67	17.68	17.69		
10	16QAM	1	25	17.62	17.69	17.63		
10	16QAM	1	49	17.60	17.64	17.62		
10	16QAM	25	0	17.60	17.62	17.58	18.5	0
10	16QAM	25	12	17.58	17.56	17.55		
10	16QAM	25	25	17.51	17.55	17.51		
10	16QAM	50	0	17.46	17.50	17.47		
10	64QAM	1	0	17.68	17.70	17.69	18.5	0
10	64QAM	1	25	17.66	17.68	17.62		
10	64QAM	1	49	17.68	17.65	17.61		
10	64QAM	25	0	17.63	17.67	17.67		
10	64QAM	25	12	17.59	17.63	17.61	18.5	0
10	64QAM	25	25	17.57	17.59	17.54		
10	64QAM	50	0	17.53	17.58	17.53		
Channel				20775	21100	21425	18.5	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.64	17.67	17.62		
5	QPSK	1	12	17.57	17.64	17.61		
5	QPSK	1	24	17.57	17.63	17.55	18.5	0
5	QPSK	12	0	17.55	17.61	17.54		
5	QPSK	12	7	17.47	17.54	17.51		
5	QPSK	12	13	17.46	17.51	17.44		
5	QPSK	25	0	17.46	17.47	17.46	18.5	0
5	16QAM	1	0	17.65	17.65	17.67		
5	16QAM	1	12	17.57	17.68	17.60		
5	16QAM	1	24	17.55	17.61	17.60		
5	16QAM	12	0	17.58	17.61	17.54	18.5	0
5	16QAM	12	7	17.56	17.52	17.51		
5	16QAM	12	13	17.47	17.51	17.49		
5	16QAM	25	0	17.42	17.48	17.43		
5	64QAM	1	0	17.65	17.67	17.64	18.5	0
5	64QAM	1	12	17.63	17.65	17.58		
5	64QAM	1	24	17.65	17.61	17.59		
5	64QAM	12	0	17.58	17.65	17.63		
5	64QAM	12	7	17.57	17.60	17.58	18.5	0
5	64QAM	12	13	17.54	17.54	17.50		
5	64QAM	25	0	17.50	17.56	17.52		

GSM850 DS14 Ant2

GSM850 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.59	32.73	32.82	33.50	23.59	23.73	23.82	24.50
GPRS 1 Tx slot	32.67	32.75	32.74	33.50	23.67	23.75	23.74	24.50
GPRS 2 Tx slots	26.54	26.00	26.06	26.50	22.54	23.00	23.06	23.50
GPRS 3 Tx slots	27.16	27.11	27.10	28.00	22.92	22.85	22.84	23.74
GPRS 4 Tx slots	25.70	25.83	25.82	27.00	22.70	22.83	22.82	24.00
EDGE 1 Tx slot	26.62	26.59	26.57	28.00	17.62	17.59	17.57	19.00
EDGE 2 Tx slots	23.95	23.92	23.91	25.00	17.95	17.92	17.91	19.00
EDGE 3 Tx slots	22.07	22.06	22.21	23.00	17.81	17.80	17.95	18.74
EDGE 4 Tx slots	20.82	20.95	21.02	22.50	17.82	17.95	18.02	19.50

GSM1900 DS14 Ant2

GSM1900 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	25.55	25.65	25.51	26.00	16.55	16.65	16.51	17.00
GPRS 1 Tx slot	25.60	25.73	25.69	26.00	16.60	16.73	16.69	17.00
GPRS 2 Tx slots	22.62	22.86	22.96	23.50	16.62	16.86	16.96	17.50
GPRS 3 Tx slots	21.32	21.35	21.33	22.00	17.06	17.09	17.07	17.74
GPRS 4 Tx slots	19.23	19.73	19.60	20.50	16.23	16.73	16.60	17.50
EDGE 1 Tx slot	25.73	25.82	25.79	26.50	16.73	16.82	16.79	17.50
EDGE 2 Tx slots	22.59	22.37	22.46	23.50	16.59	16.37	16.46	17.50
EDGE 3 Tx slots	20.74	20.88	20.81	22.00	16.48	16.62	16.55	17.74
EDGE 4 Tx slots	19.56	19.45	19.58	20.50	16.56	16.45	16.58	17.50

WCDMA II DS14 Ant2

WCDMA IV DS14 Ant2

WCDMA V DS14 Ant2

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	TX Channel	9262	9400		9538	1312	1413		1513	4132	4182		4233
Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458		
Frequency (MHz)	1352.4	1380	1507.6		1712.4	1752.5	1752.5		326.4	336.4	346.8		
3GPP Rel 99	AMR 12.2Kbps	17.05	17.05	16.91	18.00	17.31	17.40	17.37	18.50	23.95	24.12	24.08	25.50
3GPP Rel 99	RMC 12.2Kbps	17.02	17.05	16.94	18.00	17.33	17.42	17.39	18.50	23.97	24.13	24.10	25.50
3GPP Rel 6	HS-DS-SS Subtest-1	17.01	17.04	16.86	18.00	17.24	17.07	17.03	18.50	23.14	23.28	23.27	24.00
3GPP Rel 6	HS-DS-SS Subtest-2	16.90	17.02	17.05	18.00	17.23	17.36	17.09	18.50	23.12	23.31	23.20	24.00
3GPP Rel 6	HS-DS-SS Subtest-3	17.05	17.01	16.84	18.00	17.07	17.12	17.24	18.50	22.62	22.81	22.72	24.00
3GPP Rel 6	HS-DS-SS Subtest-4	17.00	17.04	17.04	18.00	17.14	17.27	17.08	18.50	22.59	22.80	22.74	24.00
3GPP Rel 8	DC-HS-SS Subtest-1	17.02	16.98	16.88	18.00	17.23	17.12	17.21	18.50	23.11	23.40	23.37	24.00
3GPP Rel 8	DC-HS-SS Subtest-2	16.68	16.99	16.80	18.00	17.11	17.15	17.33	18.50	23.20	23.26	23.30	24.00
3GPP Rel 8	DC-HS-SS Subtest-3	16.92	16.72	16.69	18.00	17.16	17.33	17.20	18.50	22.73	22.99	22.81	24.00
3GPP Rel 8	DC-HS-SS Subtest-4	16.75	16.79	16.86	18.00	17.20	17.14	17.30	18.50	22.48	22.73	22.71	24.00
3GPP Rel 6	HS-UPA Subtest-1	16.86	16.97	16.73	18.00	17.15	17.25	17.26	18.50	21.15	21.26	21.34	23.00
3GPP Rel 6	HS-UPA Subtest-2	16.90	16.96	16.80	18.00	17.06	17.32	17.28	18.50	21.27	21.16	21.16	23.00
3GPP Rel 6	HS-UPA Subtest-3	16.91	16.95	16.59	18.00	17.23	17.06	17.18	18.50	21.49	21.36	21.31	23.00
3GPP Rel 6	HS-UPA Subtest-4	16.93	16.96	16.58	18.00	17.15	17.27	17.33	18.50	21.27	21.20	21.17	23.00
3GPP Rel 6	HS-UPA Subtest-5	16.97	16.95	16.74	18.00	17.14	17.34	17.19	18.50	21.17	21.16	21.29	23.00

Band 7 DS14 Ant2								
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				20850	21100	21350	18	0
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.61	17.64	17.60	18	0
20	QPSK	1	49	17.54	17.59	17.58		
20	QPSK	1	99	17.54	17.56	17.53		
20	QPSK	50	0	17.44	17.47	17.44	18	0
20	QPSK	50	24	17.43	17.45	17.41		
20	QPSK	50	50	17.37	17.41	17.36		
20	QPSK	100	0	17.34	17.38	17.35	18	0
20	16QAM	1	0	17.50	17.54	17.49		
20	16QAM	1	49	17.44	17.48	17.45		
20	16QAM	1	99	17.39	17.43	17.38	18	0
20	16QAM	50	0	17.38	17.43	17.38		
20	16QAM	50	24	17.39	17.41	17.38		
20	16QAM	50	50	17.35	17.39	17.36	18	0
20	16QAM	100	0	17.34	17.36	17.34		
20	64QAM	1	0	17.59	17.61	17.57		
20	64QAM	1	49	17.52	17.57	17.53	18	0
20	64QAM	1	99	17.49	17.52	17.48		
20	64QAM	50	0	17.36	17.39	17.35		
20	64QAM	50	24	17.32	17.35	17.33	18	0
20	64QAM	50	50	17.25	17.27	17.25		
20	64QAM	100	0	17.14	17.17	17.16		
Channel				20825	21100	21375	18	0
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.59	17.60	17.56	18	0
15	QPSK	1	37	17.51	17.57	17.53		
15	QPSK	1	74	17.51	17.54	17.51		
15	QPSK	36	0	17.40	17.43	17.39	18	0
15	QPSK	36	20	17.41	17.43	17.37		
15	QPSK	36	39	17.38	17.40	17.32		
15	QPSK	75	0	17.32	17.35	17.33	18	0
15	16QAM	1	0	17.46	17.50	17.45		
15	16QAM	1	37	17.43	17.47	17.41		
15	16QAM	1	74	17.35	17.42	17.34	18	0
15	16QAM	36	0	17.36	17.42	17.35		
15	16QAM	36	20	17.36	17.38	17.34		
15	16QAM	36	39	17.31	17.37	17.32	18	0
15	16QAM	75	0	17.32	17.33	17.29		
15	64QAM	1	0	17.54	17.58	17.55		
15	64QAM	1	37	17.48	17.52	17.51	18	0
15	64QAM	1	74	17.47	17.49	17.47		
15	64QAM	36	0	17.34	17.35	17.33		
15	64QAM	36	20	17.30	17.33	17.29	18	0
15	64QAM	36	39	17.21	17.24	17.21		
15	64QAM	75	0	17.09	17.13	17.12		
Channel				20800	21100	21400	18	0
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.56	17.56	17.54	18	0
10	QPSK	1	25	17.48	17.52	17.51		
10	QPSK	1	49	17.47	17.52	17.47		
10	QPSK	25	0	17.38	17.39	17.36	18	0
10	QPSK	25	12	17.38	17.42	17.32		
10	QPSK	25	25	17.35	17.35	17.27		
10	QPSK	50	0	17.29	17.31	17.28	18	0
10	16QAM	1	0	17.42	17.46	17.42		
10	16QAM	1	25	17.39	17.43	17.36		
10	16QAM	1	49	17.31	17.40	17.32	18	0
10	16QAM	25	0	17.33	17.40	17.32		
10	16QAM	25	12	17.34	17.34	17.32		
10	16QAM	25	25	17.29	17.35	17.29	18	0
10	16QAM	50	0	17.27	17.31	17.25		
10	64QAM	1	0	17.53	17.53	17.53		
10	64QAM	1	25	17.47	17.50	17.47	18	0
10	64QAM	1	49	17.45	17.45	17.44		
10	64QAM	25	0	17.30	17.30	17.31		
10	64QAM	25	12	17.27	17.29	17.24	18	0
10	64QAM	25	25	17.16	17.19	17.19		
10	64QAM	50	0	17.08	17.11	17.08		
Channel				20775	21100	21425	18	0
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.54	17.55	17.52	18	0
5	QPSK	1	12	17.43	17.50	17.48		
5	QPSK	1	24	17.44	17.51	17.43		
5	QPSK	12	0	17.35	17.35	17.32	18	0
5	QPSK	12	7	17.34	17.39	17.30		
5	QPSK	12	13	17.33	17.31	17.23		
5	QPSK	25	0	17.24	17.28	17.25	18	0
5	16QAM	1	0	17.38	17.45	17.41		
5	16QAM	1	12	17.36	17.39	17.34		
5	16QAM	1	24	17.28	17.38	17.29	18	0
5	16QAM	12	0	17.31	17.36	17.29		
5	16QAM	12	7	17.32	17.30	17.28		
5	16QAM	12	13	17.25	17.33	17.24	18	0
5	16QAM	25	0	17.24	17.28	17.20		
5	64QAM	1	0	17.52	17.50	17.49		
5	64QAM	1	12	17.45	17.49	17.43	18	0
5	64QAM	1	24	17.43	17.42	17.42		
5	64QAM	12	0	17.25	17.25	17.30		
5	64QAM	12	7	17.26	17.28	17.19	18	0
5	64QAM	12	13	17.13	17.15	17.16		
5	64QAM	25	0	17.05	17.06	17.06		



UL CA Power

Ant 1 Full Power			DS11&2								
CA_7c											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Leve	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	1	0	22.42	24.00	
21100	20902	QPSK	1	0	1	99	1	0	23.05	24.00	
21350	21152	QPSK	1	0	1	99	1	0	23.06	24.00	
20850	21048	QPSK	1	49	50	0	1	0	21.59	23.00	
21100	20902	QPSK	50	0	1	49	1	0	21.86	23.00	
21350	21152	QPSK	50	0	1	49	1	0	21.63	23.00	

Ant 1 Full Power			DS11&2								
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Leve	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	1	0	23.94	25.50	
37901	37703	QPSK	1	0	1	99	1	0	23.98	25.50	
38150	37952	QPSK	1	0	1	99	1	0	23.72	25.50	
37850	38048	QPSK	1	49	50	0	1	0	22.77	24.50	
37901	37703	QPSK	50	0	1	49	1	0	22.81	24.50	
38150	37952	QPSK	50	0	1	49	1	0	22.72	24.50	

Ant 2 Full Power		DS12									
CA 7c											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	1	0	22.27	24.00	
21100	20902	QPSK	1	0	1	99	1	0	23.02	24.00	
21350	21152	QPSK	1	0	1	99	1	0	22.31	24.00	
20850	21048	QPSK	1	49	50	0	1	0	21.30	23.00	
21100	20902	QPSK	50	0	1	49	1	0	21.34	23.00	
21350	21152	QPSK	50	0	1	49	1	0	21.26	23.00	

Ant 2 Full Power			DS12								
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	1	0	23.16	25.50	
37901	37703	QPSK	1	0	1	99	1	0	24.10	25.50	
38150	37952	QPSK	1	0	1	99	1	0	23.06	25.50	
37850	38048	QPSK	1	49	50	0	1	0	22.61	24.50	
37901	37703	QPSK	50	0	1	49	1	0	22.72	24.50	
38150	37952	QPSK	50	0	1	49	1	0	22.54	24.50	

Ant 1 Down Power		DS14									
CA_7c											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Leve	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	1	0	17.28	18.00	
21100	20902	QPSK	1	0	1	99	1	0	17.16	18.00	
21350	21152	QPSK	1	0	1	99	1	0	17.33	18.00	
20850	21048	QPSK	1	49	50	0	1	0	17.21	18.00	
21100	20902	QPSK	50	0	1	49	1	0	17.11	18.00	
21350	21152	QPSK	50	0	1	49	1	0	17.20	18.00	

Ant 1 Down Power		DS14									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	1	0	19.27	20.00	
37901	37703	QPSK	1	0	1	99	1	0	19.56	20.00	
38150	37952	QPSK	1	0	1	99	1	0	19.41	20.00	
37850	38048	QPSK	1	49	50	0	1	0	19.60	20.00	
37901	37703	QPSK	50	0	1	49	1	0	19.63	20.00	
38150	37952	QPSK	50	0	1	49	1	0	19.56	20.00	

Ant 2 Down Power		DS11&4									
CA_7c											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Leve	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	1	0	17.28	18.00	
21100	20902	QPSK	1	0	1	99	1	0	17.33	18.00	
21350	21152	QPSK	1	0	1	99	1	0	17.16	18.00	
20850	21048	QPSK	1	49	50	0	1	0	17.05	18.00	
21100	20902	QPSK	50	0	1	49	1	0	17.18	18.00	
21350	21152	QPSK	50	0	1	49	1	0	17.06	18.00	

Ant 2 Down Power			DS11									
CA_38C												
Combination 20MHz+20MHz (1RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)		
			RB Size	RB offset	RB Size	RB offset						
37850	38048	QPSK	1	99	1	0	1	0	20.51	22.00		
37901	37703	QPSK	1	0	1	99	1	0	20.63	22.00		
38150	37952	QPSK	1	0	1	99	1	0	20.48	22.00		
37850	38048	QPSK	1	49	50	0	1	0	20.38	22.00		
37901	37703	QPSK	50	0	1	49	1	0	20.52	22.00		
38150	37952	QPSK	50	0	1	49	1	0	20.51	22.00		

Ant 2 Down Power			DS14								
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Leve	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	1	0	19.38	21.00	
37901	37703	QPSK	1	0	1	99	1	0	19.51	21.00	
38150	37952	QPSK	1	0	1	99	1	0	19.28	21.00	
37850	38048	QPSK	1	49	50	0	1	0	19.18	21.00	
37901	37703	QPSK	50	0	1	49	1	0	19.43	21.00	
38150	37952	QPSK	50	0	1	49	1	0	19.35	21.00	

Ant 1 Full Power			DS1&2							
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Net MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
40140	40338	QPSK	1	99	1	0	1	0	24.11	25.50
40400	40202	QPSK	1	0	1	99	1	0	24.08	25.50
40670	40472	QPSK	1	0	1	99	1	0	23.92	25.50
41140	40942	QPSK	1	0	1	99	1	0	23.95	25.50
40140	40338	QPSK	1	49	50	0	1	0	22.96	24.50
40400	40202	QPSK	50	0	1	49	1	0	22.91	24.50
40670	40472	QPSK	50	0	1	49	1	0	22.97	24.50
41140	40942	QPSK	50	0	1	49	1	0	22.88	24.50

Ant 2 Full Power			DS12							
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Net MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
40140	40338	QPSK	1	99	1	0	1	0	23.44	25.50
40400	40202	QPSK	1	0	1	99	1	0	24.21	25.50
40670	40472	QPSK	1	0	1	99	1	0	23.38	25.50
41140	40942	QPSK	1	0	1	99	1	0	23.41	25.50
40140	40338	QPSK	1	49	50	0	1	0	22.88	24.50
40400	40202	QPSK	50	0	1	49	1	0	22.92	24.50
40670	40472	QPSK	50	0	1	49	1	0	22.67	24.50
41140	40942	QPSK	50	0	1	49	1	0	22.75	24.50

Ant 1 Down Power			DS14							
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Net MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
40140	40338	QPSK	1	99	1	0	1	0	19.71	20.50
40400	40202	QPSK	1	0	1	99	1	0	19.41	20.50
40670	40472	QPSK	1	0	1	99	1	0	19.52	20.50
41140	40942	QPSK	1	0	1	99	1	0	19.77	20.50
40140	40338	QPSK	1	49	50	0	1	0	19.83	20.50
40400	40202	QPSK	50	0	1	49	1	0	19.76	20.50
40670	40472	QPSK	50	0	1	49	1	0	19.79	20.50
41140	40942	QPSK	50	0	1	49	1	0	19.71	20.50

Ant 2 Down Power			DS11							
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Net MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
40140	40338	QPSK	1	99	1	0	1	0	20.66	22.00
40400	40202	QPSK	1	0	1	99	1	0	20.83	22.00
40670	40472	QPSK	1	0	1	99	1	0	20.84	22.00
41140	40942	QPSK	1	0	1	99	1	0	20.71	22.00
40140	40338	QPSK	1	49	50	0	1	0	20.73	22.00
40400	40202	QPSK	50	0	1	49	1	0	20.72	22.00
40670	40472	QPSK	50	0	1	49	1	0	20.66	22.00
41140	40942	QPSK	50	0	1	49	1	0	20.70	22.00

Ant 2 Down Power			DS14							
CA_41C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Net MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
40140	40338	QPSK	1	99	1	0	1	0	19.78	21.50
40400	40202	QPSK	1	0	1	99	1	0	19.62	21.50
40670	40472	QPSK	1	0	1	99	1	0	19.51	21.50
41140	40942	QPSK	1	0	1	99	1	0	19.66	21.50
40140	40338	QPSK	1	49	50	0	1	0	19.33	21.50
40400	40202	QPSK	50	0	1	49	1	0	19.61	21.50
40670	40472	QPSK	50	0	1	49	1	0	19.55	21.50
41140	40942	QPSK	50	0	1	49	1	0	19.62	21.50

2CA DL

Configure	PCC								SCC				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq.	Channel		RB	RB	Band	(MHz)	Freq.	Channel	Tx. Power	Tx. Power
				(MHz)				Offset			(dBm)		(dBm)	
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	23.89	24.12
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	23.94	24.15
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	24.03	24.15
	Band 2	4	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	23.87	23.84
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	22.84	24.01
CA_2A-4A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	23.94	23.98
	Band 2	1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.03	24.12
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.03	24.15
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	23.94	24.04
	Band 5	2	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.62	24.63
CA_2A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	23.96	24.12
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	23.96	24.15
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	23.01	23.16
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	22.12	22.16
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.92	24.01
CA_4A-5A	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.86	23.98
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.01	24.04
	Band 5	2	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.62	24.63
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.98	24.01
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.96	23.98
CA_4A-7A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	23.09	23.16
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	22.14	22.16
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	23.91	24.04
	Band 5	2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.56	24.63
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	23.36	23.39
CA_5A-7A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	23.06	23.16
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 41	20M	856.3	20723	23.88	24.04
	Band 5	2	10M	836.5	20525	QPSK	1	0	Band 41	20M	856.3	20723	24.55	24.63
	Band 41	1	20M	2571	40400	QPSK	1	0	Band 5	10M	881.5	2525	24.02	24.18
	Band 41	2	20M	2571	40400	QPSK	1	0	Band 5	10M	881.5	2525	24.13	24.24
CA_7A-7A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.26	23.39
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.09	23.16
CA_7C	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	23.31	23.39
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	23.11	23.16
CA_38C	Band 38	1	20M	2595	38000	QPSK	1	0	Band 38	20M	2617.5	38225	24.03	24.09
	Band 38	2	20M	2595	38000	QPSK	1	0	Band 38	20M	2617.5	38225	24.11	24.22
CA_38A-38A	Band 38	1	20M	2595	38000	QPSK	1	0	Band 38	5M	2617.5	38225	23.89	24.09
	Band 38	2	20M	2595	38000	QPSK	1	0	Band 38	5M	2617.5	38225	24.02	24.22
CA_41C	Band 41	1	20M	2571	40400	QPSK	1	0	Band 41	20M	2590.8	40598	24.12	24.18
	Band 41	2	20M	2571	40400	QPSK	1	0	Band 41	20M	2590.8	40598	24.22	24.24
CA_41A-41A	Band 41	1	20M	2571	40400	QPSK	1	0	Band 41	5M	2687.5	41565	24.15	24.18
	Band 41	2	20M	2571	40400	QPSK	1	0	Band 41	5M	2687.5	41565	24.20	24.24

	Full Power					Receiver on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	2.4GHz WLAN	1	2412	17.85	19.50	16.88	18.50	
		6	2437	17.49	19.00		18.50	
		11	2462	17.52	19.50		18.50	
		1	2412	18.26	19.50	Nont Required	18.50	
		6	2437	18.00	19.50		18.50	
		11	2462	18.03	19.50		18.50	
	802.11n-HT20 MCS0	1	2412	16.77	18.50		18.50	
		6	2437	16.55	18.50		18.50	
		11	2462	16.76	18.50		18.50	

	Full Power					Receiver on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	5.2GHz WLAN	36	5180	14.05	15.50	Nont Required	12.00	
		40	5200	13.89	15.50		12.00	
		44	5220	13.66	15.50		12.00	
		48	5240	13.18	14.50		12.00	
		36	5180	13.84	15.50		12.00	
		40	5200	13.69	15.00		12.00	
		44	5220	13.39	15.00		12.00	
		48	5240	13.09	14.50		12.00	
		36	5190	14.24	15.50		12.00	
		46	5230	13.95	15.50		12.00	
		36	5180	13.76	15.50		12.00	
		40	5200	13.67	15.00		12.00	
		44	5220	13.37	15.00		12.00	
		48	5240	13.05	14.50		12.00	
		38	5190	14.19	15.50		12.00	
		46	5230	13.87	15.50		12.00	
		42	5210	13.72	15.00	10.49	12.00	

	Full Power					Receiver on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	5.3GHz WLAN	52	5260	13.08	14.50	Nont Required	12.00	
		56	5280	13.19	14.50		12.00	
		60	5300	13.33	14.50		12.00	
		64	5320	13.78	15.50		12.00	
		52	5260	13.14	14.50		12.00	
		56	5280	13.17	14.50		12.00	
		60	5300	13.20	14.50		12.00	
		64	5320	13.59	15.00		12.00	
		54	5270	13.46	15.00		12.00	
		62	5310	13.71	15.50		12.00	
		52	5260	13.04	14.50		12.00	
		56	5280	13.09	14.50		12.00	
		60	5300	13.15	14.50		12.00	
		64	5320	13.46	15.00		12.00	
		54	5270	13.39	15.00		12.00	
		62	5310	13.67	15.50		12.00	
		58	5290	13.39	15.00	10.53	12.00	

	Full Power					Receiver on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	5.5GHz WLAN	100	5500	13.57	15.00	Nont Required	11.00	
		116	5580	13.46	15.00		11.00	
		124	5620	13.62	15.00		11.00	
		132	5660	14.03	15.50		11.00	
		140	5700	14.09	15.50		11.00	
		100	5500	13.50	15.00		11.00	
		116	5580	13.25	15.00		11.00	
		124	5620	13.59	15.50		11.00	
		132	5660	13.97	15.50		11.00	
		140	5700	13.89	15.50		11.00	
		102	5510	13.82	15.50		11.00	
		110	5550	13.85	15.50		11.00	
		126	5630	14.15	15.50		11.00	
		134	5670	14.38	16.00		11.00	
		100	5500	13.43	15.00		11.00	
		116	5580	13.23	15.00		11.00	
		124	5620	13.50	15.00		11.00	
		132	5660	13.86	15.50		11.00	
		140	5700	13.83	15.50		11.00	
		102	5510	13.87	15.50		11.00	
		110	5550	13.79	15.50		11.00	
		126	5630	14.09	15.50		11.00	
		134	5670	14.31	16.00		11.00	
		106	5530	13.55	15.00	9.59	11.00	
		122	5610	13.63	15.00	9.61	11.00	

	Full Power					Receiver on		Duty Cycle %
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	5.8GHz WLAN	149	5745	13.93	15.50	Nont Required	12.50	
		157	5785	13.77	15.50		12.50	
		161	5805	13.75	15.50		12.50	
		149	5745	13.73	15.00		12.50	
		157	5785	13.84	15.00		12.50	
		161	5805	13.55	15.00		12.50	
		151	5755	14.20	15.50		12.50	
		159	5795	14.00	15.50		12.50	
		149	5745	13.64	15.00		12.50	
		157	5785	13.59	15.00		12.50	
		161	5805	13.50	15.00		12.50	
		151	5755	14.05	15.50		12.50	
		159	5795	13.95	15.50		12.50	
	802.11ac-VHT80 MCS0	155	5775	14.07	15.50	11.25	12.50	89.6

BT BR/EDR				
Mode	Channel	Frequency (MHz)	Average power (dBm)	
BR / EDR	CH 00	2402	9.36	4.82
	CH 39	2441	9.47	5.20
	CH 78	2480	9.77	5.69
	Tune-up Limit		11	11

BLE 1M				
Mode	Channel	Frequency (MHz)	Average power (dBm)	
LE	CH 00	2402		0.82
	CH 19	2440		0.86
	CH 39	2480		1.22
	Tune-up Limit			2