10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAC	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	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAA	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	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 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 Mode

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		824.2	836.4	848.8	
GSM 1 Tx slot	32.44	32.27	32.33	33.50	23.44	23.27	23.33	24.50
GPRS 1 Tx slot	32.43	32.26	32.31	33.50	23.43	23.26	23.31	24.50
GPRS 2 Tx slots	31.44	31.89	31.92	32.50	25.44	25.89	25.92	26.50
GPRS 3 Tx slots	29.55	29.92	29.41	30.50	25.29	25.06	25.15	26.24
GPRS 4 Tx slots	26.84	27.27	27.22	28.00	23.84	24.27	24.22	25.00
EDGE 1 Tx slot	26.33	26.33	26.50	28.00	17.33	17.33	17.50	19.00
EDGE 2 Tx slots	24.51	24.54	24.54	25.50	18.51	18.54	18.54	19.50
EDGE 3 Tx slots	22.86	22.93	22.84	23.50	18.60	18.67	18.58	19.24
EDGE 4 Tx slots	20.74	20.72	20.84	21.50	17.74	17.72	17.84	18.50

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	29.67	29.74	29.85	30.50	20.67	20.74	20.85	21.50
GPRS 1 Tx slot	29.66	29.73	29.83	30.50	20.66	20.73	20.83	21.50
GPRS 2 Tx slots	29.44	29.67	29.66	30.00	23.44	23.67	23.66	24.00
GPRS 3 Tx slots	27.18	27.17	27.30	28.00	22.92	22.91	23.04	23.74
GPRS 4 Tx slots	24.30	24.10	24.09	25.50	21.30	21.10	21.09	22.50
EDGE 1 Tx slot	26.31	26.41	26.40	27.50	17.31	17.41	17.40	18.50
EDGE 2 Tx slots	25.11	25.26	25.16	26.50	19.11	19.26	19.16	20.50
EDGE 3 Tx slots	22.94	23.10	22.98	24.00	18.68	18.84	18.72	19.74
EDGE 4 Tx slots	20.83	20.93	20.84	21.50	17.83	17.93	17.84	18.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.82	23.03	23.00	24.00	23.21	23.22	23.04	24.00
3GPP Rel 99	RMC 12.2Kbps	22.83	23.05	23.01	24.00	23.23	23.24	23.05	24.00
3GPP Rel 6	HSDPA Subtest-1	21.84	21.90	22.09	23.00	22.19	22.19	22.02	23.00
3GPP Rel 6	HSDPA Subtest-2	21.81	21.93	22.04	23.00	22.16	22.17	22.04	23.00
3GPP Rel 6	HSDPA Subtest-3	21.32	21.43	21.60	22.50	21.69	21.67	21.53	22.50
3GPP Rel 6	HSDPA Subtest-4	21.34	21.44	21.55	22.50	21.67	21.68	21.51	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	21.83	21.89	22.08	23.00	22.17	22.18	22.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.80	21.90	22.01	23.00	22.15	22.15	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.30	21.42	21.59	22.50	21.66	21.62	21.49	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.31	21.41	21.54	22.50	21.65	21.67	21.50	22.50
3GPP Rel 6	HSUPA Subtest-1	21.86	21.97	22.10	23.00	22.21	22.22	22.05	23.00
3GPP Rel 6	HSUPA Subtest-2	19.85	19.99	20.09	21.00	20.23	20.22	20.05	21.00
3GPP Rel 6	HSUPA Subtest-3	20.84	20.99	21.07	22.00	21.22	21.21	21.04	22.00
3GPP Rel 6	HSUPA Subtest-4	19.83	19.99	20.10	21.00	20.22	20.20	20.02	21.00
3GPP Rel 6	HSUPA Subtest-5	21.90	22.00	22.10	23.00	22.20	22.20	22.10	23.00

Band 2 (1900MHz Band)
Part 24E

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.20	23.36	23.14	24	0
20	QPSK	1	49	22.91	22.91	23.04		
20	QPSK	1	99	23.25	23.27	23.24		
20	QPSK	50	0	22.02	22.13	22.11	23	1
20	QPSK	50	24	21.92	21.93	22.05		
20	QPSK	50	50	21.95	21.99	22.12		
20	QPSK	100	0	22.00	22.18	22.17		
20	16QAM	1	0	22.12	22.15	22.18	23	1
20	16QAM	1	49	21.76	21.83	21.92		
20	16QAM	1	99	22.05	22.06	21.95		
20	16QAM	50	0	21.00	20.99	21.15	22	2
20	16QAM	50	24	20.95	20.94	21.07		
20	16QAM	50	50	20.99	21.01	21.15		
20	16QAM	100	0	20.98	20.99	21.12		
20	64QAM	1	0	21.45	21.44	21.56	22	2
20	64QAM	1	49	21.63	21.64	21.65		
20	64QAM	1	99	21.86	21.87	21.82		
20	64QAM	50	0	20.64	20.62	20.77	21	3
20	64QAM	50	24	20.56	20.55	20.68		
20	64QAM	50	50	20.61	20.64	20.76		
20	64QAM	100	0	20.65	20.65	20.75		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.64	22.64	22.67	24	0
15	QPSK	1	37	22.66	22.66	23.03		
15	QPSK	1	74	23.06	23.13	23.14		
15	QPSK	36	0	21.74	21.75	21.87	23	1
15	QPSK	36	20	21.69	21.71	21.89		
15	QPSK	36	39	21.76	21.79	21.93		
15	QPSK	75	0	21.72	21.76	21.93		
15	16QAM	1	0	21.89	21.97	22.03	23	1
15	16QAM	1	37	21.53	21.56	21.67		
15	16QAM	1	74	21.90	21.96	21.86		
15	16QAM	36	0	20.74	20.76	20.85	22	2
15	16QAM	36	20	20.71	20.73	20.91		
15	16QAM	36	39	20.74	20.79	20.89		
15	16QAM	75	0	20.73	20.78	20.95		
15	64QAM	1	0	20.97	21.11	21.15	22	2
15	64QAM	1	37	20.71	20.72	20.90		
15	64QAM	1	74	21.00	21.07	20.98		
15	64QAM	36	0	20.37	20.39	20.50	21	3
15	64QAM	36	20	20.34	20.37	20.54		
15	64QAM	36	39	20.35	20.39	20.52		
15	64QAM	75	0	20.36	20.42	20.58		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.71	22.76	22.94	24	0
10	QPSK	1	25	22.73	22.77	22.97		
10	QPSK	1	49	23.05	23.15	23.16		
10	QPSK	25	0	21.73	21.79	21.99	23	1
10	QPSK	25	12	21.69	21.77	21.92		
10	QPSK	25	25	21.71	21.81	21.93		
10	QPSK	50	0	21.71	21.77	21.95		
10	16QAM	1	0	21.84	21.90	21.99	23	1
10	16QAM	1	25	21.59	21.64	21.71		
10	16QAM	1	49	21.84	21.91	21.85		
10	16QAM	25	0	20.77	20.82	20.99	22	2
10	16QAM	25	12	20.71	20.78	20.94		
10	16QAM	25	25	20.72	20.81	20.93		
10	16QAM	50	0	20.75	20.81	21.01		
10	64QAM	1	0	20.93	21.04	21.15	22	2
10	64QAM	1	25	20.79	20.77	20.90		
10	64QAM	1	49	20.97	21.09	20.98		
10	64QAM	25	0	20.39	20.43	20.65	21	3
10	64QAM	25	12	20.35	20.42	20.58		
10	64QAM	25	25	20.36	20.45	20.56		
10	64QAM	50	0	20.34	20.41	20.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.67	22.66	22.82	24	0
5	QPSK	1	12	22.74	22.76	22.97		
5	QPSK	1	24	22.71	22.77	22.95		
5	QPSK	12	0	21.91	21.96	22.12	23	1
5	QPSK	12	7	21.86	21.93	22.05		
5	QPSK	12	13	21.80	21.90	22.03		
5	QPSK	25	0	21.89	21.94	22.09		
5	16QAM	1	0	22.23	22.27	22.43	23	1
5	16QAM	1	12	22.05	22.14	22.24		
5	16QAM	1	24	22.07	22.15	22.29		
5	16QAM	12	0	20.92	20.99	21.14	22	2
5	16QAM	12	7	20.84	20.97	21.11		
5	16QAM	12	13	20.86	20.92	21.07		
5	16QAM	25	0	20.88	20.95	21.10		
5	64QAM	1	0	21.03	21.09	21.23	22	2
5	64QAM	1	12	20.85	20.95	21.04		
5	64QAM	1	24	20.88	20.96	21.03		
5	64QAM	12	0	20.36	20.43	20.61	21	3
5	64QAM	12	7	20.29	20.38	20.50		
5	64QAM	12	13	20.27	20.34	20.50		
5	64QAM	25	0	20.30	20.37	20.56		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.80	22.61	22.72	24	0
3	QPSK	1	8	22.74	22.79	22.97		
3	QPSK	1	14	22.69	22.72	22.90		
3	QPSK	8	0	21.87	21.94	22.08	23	1
3	QPSK	8	4	21.85	21.92	22.08		
3	QPSK	8	7	21.82	21.91	22.05		
3	QPSK	15	0	21.86	21.89	22.05		
3	16QAM	1	0	21.89	21.92	22.19	23	1
3	16QAM	1	8	21.85	21.90	22.07		
3	16QAM	1	14	21.77	21.86	21.93		
3	16QAM	8	0	20.92	21.01	21.10	22	2
3	16QAM	8	4	20.92	20.99	21.10		
3	16QAM	8	7	20.86	20.96	21.06		
3	16QAM	15	0	20.86	20.93	21.11		
3	64QAM	1	0	21.00	21.01	21.18	22	2
3	64QAM	1	8	20.98	21.02	21.10		
3	64QAM	1	14	20.83	20.98	21.08		
3	64QAM	8	0	20.34	20.40	20.56	21	3
3	64QAM	8	4	20.33	20.37	20.51		
3	64QAM	8	7	20.28	20.35	20.51		
3	64QAM	15	0	20.31	20.34	20.51		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.72	22.50	22.65	24	0
1.4	QPSK	1	3	22.72	22.81	22.93		
1.4	QPSK	1	5	22.69	22.70	22.81		
1.4	QPSK	3	0	22.76	22.77	22.91		
1.4	QPSK	3	1	22.72	22.81	22.92		
1.4	QPSK	3	3	22.66	22.77	22.92		
1.4	QPSK	6	0	21.78	21.84	22.00	23	1
1.4	16QAM	1	0	22.18	22.21	22.43	23	1
1.4	16QAM	1	3	22.18	22.25	22.36		
1.4	16QAM	1	5	22.14	22.21	22.28		
1.4	16QAM	3	0	21.88	21.95	22.04		
1.4	16QAM	3	1	21.92	21.95	22.03		
1.4	16QAM	3	3	21.85	21.92	21.99		
1.4	16QAM	6	0	20.88	20.94	21.15	22	2
1.4	64QAM	1	0	20.91	20.96	21.14	22	2
1.4	64QAM	1	3	20.96	20.98	21.11		
1.4	64QAM	1	5	20.85	20.92	21.07		
1.4	64QAM	3	0	20.75	20.86	20.89		
1.4	64QAM	3	1	20.82	20.85	20.96		
1.4	64QAM	3	3	20.75	20.80	20.89		
1.4	64QAM	6	0	20.24	20.30	20.46	21	3

Band 5 (Celluar Band)
Part 22H(only on channel required)

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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.17	23.25	23.09	24	0
10	QPSK	1	25	22.82	22.77	22.81		
10	QPSK	1	49	23.11	23.12	23.10		
10	QPSK	25	0	22.02	22.09	21.84	23	1
10	QPSK	25	12	22.00	21.97	21.75		
10	QPSK	25	25	22.08	21.94	21.88		
10	QPSK	50	0	22.15	22.17	21.80		
10	16QAM	1	0	22.04	22.15	21.98	23	1
10	16QAM	1	25	21.90	21.79	21.81		
10	16QAM	1	49	22.18	21.98	21.94		
10	16QAM	25	0	21.07	20.97	20.84	22	2
10	16QAM	25	12	21.01	21.00	20.76		
10	16QAM	25	25	21.08	20.93	20.84		
10	16QAM	50	0	21.11	21.00	20.81		
10	64QAM	1	0	21.13	21.26	21.06	22	2
10	64QAM	1	25	21.00	20.93	21.04		
10	64QAM	1	49	21.28	21.09	21.03		
10	64QAM	25	0	20.47	20.42	20.26	21	3
10	64QAM	25	12	20.46	20.41	20.18		
10	64QAM	25	25	20.53	20.37	20.27		
10	64QAM	50	0	20.55	20.40	20.24		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	22.64	22.72	22.61	24	0
5	QPSK	1	12	22.93	22.87	22.64		
5	QPSK	1	24	22.94	22.85	22.70		
5	QPSK	12	0	21.98	21.94	21.70	23	1
5	QPSK	12	7	22.04	21.96	21.70		
5	QPSK	12	13	21.94	21.96	21.72		
5	QPSK	25	0	22.01	21.92	21.72		
5	16QAM	1	0	22.25	22.19	22.03	23	1
5	16QAM	1	12	22.26	22.16	21.88		
5	16QAM	1	24	22.25	22.13	22.00		
5	16QAM	12	0	21.04	20.92	20.69	22	2
5	16QAM	12	7	21.02	20.95	20.70		
5	16QAM	12	13	20.94	20.97	20.74		
5	16QAM	25	0	21.02	20.93	20.71		
5	64QAM	1	0	21.05	20.99	20.84	22	2
5	64QAM	1	12	21.04	20.94	20.68		
5	64QAM	1	24	21.03	20.89	20.75		
5	64QAM	12	0	20.47	20.35	20.14	21	3
5	64QAM	12	7	20.48	20.37	20.17		
5	64QAM	12	13	20.36	20.39	20.21		
5	64QAM	25	0	20.44	20.38	20.16		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.71	22.69	22.52	24	0
3	QPSK	1	8	22.98	22.87	22.74		
3	QPSK	1	14	22.98	22.88	22.72		
3	QPSK	8	0	21.95	21.89	21.67	23	1
3	QPSK	8	4	21.96	21.95	21.76		
3	QPSK	8	7	21.95	21.89	21.75		
3	QPSK	15	0	21.94	21.93	21.74		
3	16QAM	1	0	22.28	22.18	22.00	23	1
3	16QAM	1	8	22.29	22.17	22.07		
3	16QAM	1	14	22.29	22.23	22.01		
3	16QAM	8	0	20.99	20.92	20.69	22	2
3	16QAM	8	4	21.06	21.00	20.81		
3	16QAM	8	7	21.06	20.93	20.76		
3	16QAM	15	0	20.95	20.94	20.76		
3	64QAM	1	0	20.98	20.96	20.74	22	2
3	64QAM	1	8	21.04	20.99	20.80		
3	64QAM	1	14	21.05	20.94	20.84		
3	64QAM	8	0	20.36	20.33	20.11	21	3
3	64QAM	8	4	20.46	20.42	20.22		
3	64QAM	8	7	20.43	20.34	20.18		
3	64QAM	15	0	20.40	20.37	20.19		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.51	22.65	22.58	24	0
1.4	QPSK	1	3	22.61	22.93	22.75		
1.4	QPSK	1	5	22.95	22.86	22.66		
1.4	QPSK	3	0	22.99	22.96	22.67		
1.4	QPSK	3	1	22.98	22.98	22.70		
1.4	QPSK	3	3	22.96	22.88	22.71		
1.4	QPSK	6	0	21.94	21.88	21.71	23	1
1.4	16QAM	1	0	22.26	22.24	22.02	23	1
1.4	16QAM	1	3	22.32	22.22	22.10		
1.4	16QAM	1	5	22.25	22.17	22.00		
1.4	16QAM	3	0	22.00	21.99	21.71		
1.4	16QAM	3	1	21.98	22.00	21.73		
1.4	16QAM	3	3	22.01	21.91	21.72		
1.4	16QAM	6	0	21.03	21.01	20.79	22	2
1.4	64QAM	1	0	20.99	20.98	20.79	22	2
1.4	64QAM	1	3	21.07	20.99	20.84		
1.4	64QAM	1	5	20.98	20.91	20.84		
1.4	64QAM	3	0	20.91	20.88	20.68		
1.4	64QAM	3	1	20.93	20.91	20.67		
1.4	64QAM	3	3	20.94	20.81	20.65		
1.4	64QAM	6	0	20.39	20.38	20.13	21	3

Band 7 (2600MHz Band)
Part 27

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		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.45	23.51	23.33	24	0
20	QPSK	1	49	23.35	23.28	23.26		
20	QPSK	1	99	23.33	23.28	23.25		
20	QPSK	50	0	22.53	22.67	22.46	23	1
20	QPSK	50	24	22.55	22.46	22.45		
20	QPSK	50	50	22.50	22.40	22.43		
20	QPSK	100	0	22.53	22.56	22.50		
20	16QAM	1	0	22.72	22.70	22.63	23	1
20	16QAM	1	49	22.78	22.69	22.62		
20	16QAM	1	99	22.69	22.63	22.57		
20	16QAM	50	0	21.55	21.49	21.45	22	2
20	16QAM	50	24	21.56	21.48	21.45		
20	16QAM	50	50	21.50	21.42	21.43		
20	16QAM	100	0	21.54	21.41	21.45		
20	64QAM	1	0	21.53	21.51	21.44	22	2
20	64QAM	1	49	21.51	21.42	21.40		
20	64QAM	1	99	21.45	21.37	21.36		
20	64QAM	50	0	20.96	20.92	20.89	21	3
20	64QAM	50	24	20.97	20.91	20.88		
20	64QAM	50	50	20.94	20.84	20.88		
20	64QAM	100	0	20.97	20.86	20.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.27	23.35	23.31	24	0
15	QPSK	1	37	23.29	23.23	23.21		
15	QPSK	1	74	23.30	23.24	23.23		
15	QPSK	36	0	22.46	22.54	22.48	23	1
15	QPSK	36	20	22.54	22.44	22.48		
15	QPSK	36	39	22.44	22.42	22.43		
15	QPSK	75	0	22.52	22.46	22.46		
15	16QAM	1	0	22.68	22.66	22.61	23	1
15	16QAM	1	37	22.66	22.60	22.57		
15	16QAM	1	74	22.67	22.62	22.58		
15	16QAM	36	0	21.47	21.53	21.44	22	2
15	16QAM	36	20	21.53	21.47	21.45		
15	16QAM	36	39	21.45	21.44	21.41		
15	16QAM	75	0	21.51	21.46	21.47		
15	64QAM	1	0	21.47	21.45	21.39	22	2
15	64QAM	1	37	21.30	21.25	21.27		
15	64QAM	1	74	21.47	21.38	21.33		
15	64QAM	36	0	20.91	20.93	20.86	21	3
15	64QAM	36	20	20.97	20.92	20.89		
15	64QAM	36	39	20.87	20.88	20.86		
15	64QAM	75	0	20.95	20.91	20.90		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.27	23.37	23.28	24	0
10	QPSK	1	25	23.30	23.35	23.33		
10	QPSK	1	49	23.47	23.44	23.50		
10	QPSK	25	0	22.51	22.57	22.53	23	1
10	QPSK	25	12	22.44	22.48	22.48		
10	QPSK	25	25	22.46	22.51	22.50		
10	QPSK	50	0	22.46	22.52	22.51		
10	16QAM	1	0	22.76	22.78	22.85	23	1
10	16QAM	1	25	22.75	22.75	22.72		
10	16QAM	1	49	22.79	22.90	22.64		
10	16QAM	25	0	21.50	21.57	21.54	22	2
10	16QAM	25	12	21.46	21.50	21.47		
10	16QAM	25	25	21.44	21.50	21.48		
10	16QAM	50	0	21.49	21.55	21.53		
10	64QAM	1	0	21.57	21.77	21.72	22	2
10	64QAM	1	25	21.46	21.54	21.49		
10	64QAM	1	49	21.59	21.68	21.44		
10	64QAM	25	0	20.94	20.87	20.98	21	3
10	64QAM	25	12	20.90	20.94	20.91		
10	64QAM	25	25	20.88	20.93	20.93		
10	64QAM	50	0	20.90	20.97	20.95		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.27	23.25	23.23	24	0
5	QPSK	1	12	23.33	23.37	23.38		
5	QPSK	1	24	23.29	23.36	23.33		
5	QPSK	12	0	22.53	22.48	22.51	23	1
5	QPSK	12	7	22.46	22.49	22.50		
5	QPSK	12	13	22.52	22.52	22.47		
5	QPSK	25	0	22.50	22.52	22.51		
5	16QAM	1	0	22.76	22.85	22.83	23	1
5	16QAM	1	12	22.67	22.73	22.71		
5	16QAM	1	24	22.68	22.73	22.71		
5	16QAM	12	0	21.56	21.52	21.52	22	2
5	16QAM	12	7	21.50	21.52	21.53		
5	16QAM	12	13	21.52	21.53	21.50		
5	16QAM	25	0	21.48	21.54	21.49		
5	64QAM	1	0	21.52	21.61	21.60	22	2
5	64QAM	1	12	21.41	21.48	21.44		
5	64QAM	1	24	21.42	21.47	21.50		
5	64QAM	12	0	20.95	20.93	20.95	21	3
5	64QAM	12	7	20.91	20.95	20.96		
5	64QAM	12	13	20.93	20.96	20.94		
5	64QAM	25	0	20.93	20.98	20.93		

Band 26 for FCC (only on channel required)								
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				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.21	23.27	23.20	24	0
15	QPSK	1	37	22.89	22.86	22.82		
15	QPSK	1	74	23.19	23.26	23.19		
15	QPSK	36	0	22.65	22.85	22.84	23	1
15	QPSK	36	20	22.40	22.58	22.52		
15	QPSK	36	39	22.35	22.57	22.46		
15	QPSK	75	0	22.45	22.66	22.62		
15	16QAM	1	0	22.56	22.60	22.79	23	1
15	16QAM	1	37	22.40	22.39	22.40		
15	16QAM	1	74	22.79	22.88	22.59		
15	16QAM	36	0	21.63	21.72	21.85	22	2
15	16QAM	36	20	21.38	21.55	21.49		
15	16QAM	36	39	21.38	21.53	21.36		
15	16QAM	75	0	21.43	21.55	21.57		
15	64QAM	1	0	21.68	21.70	21.94	22	2
15	64QAM	1	37	21.54	21.62	21.51		
15	64QAM	1	74	21.90	21.67	21.72		
15	64QAM	36	0	20.51	20.59	20.73	21	3
15	64QAM	36	20	20.26	20.41	20.38		
15	64QAM	36	39	20.46	20.40	20.44		
15	64QAM	75	0	20.32	20.43	20.48		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	23.06	23.01	23.11	24	0
10	QPSK	1	25	22.79	22.94	22.76		
10	QPSK	1	49	23.08	23.24	23.03		
10	QPSK	25	0	22.54	22.67	22.59	23	1
10	QPSK	25	12	22.52	22.63	22.48		
10	QPSK	25	25	22.61	22.78	22.54		
10	QPSK	50	0	22.59	22.68	22.53		
10	16QAM	1	0	22.63	22.69	22.71	23	1
10	16QAM	1	25	22.37	22.55	22.31		
10	16QAM	1	49	22.66	22.81	22.50		
10	16QAM	25	0	21.53	21.67	21.63	22	2
10	16QAM	25	12	21.54	21.63	21.48		
10	16QAM	25	25	21.56	21.72	21.49		
10	16QAM	50	0	21.56	21.67	21.56		
10	64QAM	1	0	21.70	21.80	21.78	22	2
10	64QAM	1	25	21.47	21.61	21.55		
10	64QAM	1	49	21.77	21.91	21.64		
10	64QAM	25	0	20.39	20.54	20.51	21	3
10	64QAM	25	12	20.40	20.51	20.38		
10	64QAM	25	25	20.45	20.60	20.37		
10	64QAM	50	0	20.41	20.52	20.42		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.08	23.11	22.89	24	0
5	QPSK	1	12	23.10	23.26	23.06		
5	QPSK	1	24	23.11	23.23	23.10		
5	QPSK	12	0	22.49	22.66	22.43	23	1
5	QPSK	12	7	22.46	22.62	22.43		
5	QPSK	12	13	22.50	22.65	22.40		
5	QPSK	25	0	22.48	22.61	22.41		
5	16QAM	1	0	22.78	22.89	22.69	23	1
5	16QAM	1	12	22.73	22.85	22.61		
5	16QAM	1	24	22.74	22.94	22.66		
5	16QAM	12	0	21.50	21.67	21.46	22	2
5	16QAM	12	7	21.46	21.63	21.45		
5	16QAM	12	13	21.45	21.63	21.42		
5	16QAM	25	0	21.47	21.60	21.44		
5	64QAM	1	0	21.55	21.69	21.48	22	2
5	64QAM	1	12	21.47	21.62	21.42		
5	64QAM	1	24	21.50	21.69	21.43		
5	64QAM	12	0	20.34	20.54	20.33	21	3
5	64QAM	12	7	20.32	20.49	20.30		
5	64QAM	12	13	20.34	20.49	20.30		
5	64QAM	25	0	20.37	20.47	20.31		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.13	23.12	22.86	24	0
3	QPSK	1	8	23.06	22.89	22.86		
3	QPSK	1	14	23.11	22.86	22.87		
3	QPSK	8	0	22.67	22.74	22.49	23	1
3	QPSK	8	4	22.63	22.76	22.46		
3	QPSK	8	7	22.78	22.75	22.50		
3	QPSK	15	0	22.68	22.40	22.48		
3	16QAM	1	0	22.69	22.34	22.44	23	1
3	16QAM	1	8	22.55	22.46	22.39		
3	16QAM	1	14	22.81	22.41	22.40		
3	16QAM	8	0	21.65	21.41	21.54	22	2
3	16QAM	8	4	21.61	21.45	21.44		
3	16QAM	8	7	21.70	21.41	21.43		
3	16QAM	15	0	21.67	21.53	21.47		
3	64QAM	1	0	21.80	21.44	21.55	22	2
3	64QAM	1	8	21.61	21.50	21.47		
3	64QAM	1	14	21.91	21.47	21.50		
3	64QAM	8	0	20.54	20.32	20.34	21	3
3	64QAM	8	4	20.51	20.39	20.32		
3	64QAM	8	7	20.60	20.34	20.34		
3	64QAM	15	0	20.52	20.31	20.37		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	22.78	22.89	22.71	24	0
1.4	QPSK	1	3	23.05	23.20	23.01		
1.4	QPSK	1	5	23.01	23.14	22.98		
1.4	QPSK	3	0	23.08	23.18	22.98		
1.4	QPSK	3	1	23.08	23.20	23.00		
1.4	QPSK	3	3	23.04	23.20	22.99		
1.4	QPSK	6	0	22.46	22.60	22.40	23	1
1.4	16QAM	1	0	22.79	22.90	22.68	23	1
1.4	16QAM	1	3	22.80	22.96	22.80		
1.4	16QAM	1	5	22.76	22.93	22.75		
1.4	16QAM	3	0	22.58	22.68	22.43		
1.4	16QAM	3	1	22.54	22.72	22.47		
1.4	16QAM	3	3	22.53	22.70	22.43		
1.4	16QAM	6	0	21.53	21.69	21.53	22	2
1.4	64QAM	1	0	21.52	21.61	21.44	22	2
1.4	64QAM	1	3	21.52	21.71	21.50		
1.4	64QAM	1	5	21.49	21.63	21.47		
1.4	64QAM	3	0	21.46	21.56	21.32		
1.4	64QAM	3	1	21.47	21.61	21.39		
1.4	64QAM	3	3	21.44	21.57	21.34		
1.4	64QAM	6	0	20.34	20.51	20.31	21	3

Band 38(only on channel required)

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)				2580	2595	2610		
20	QPSK	1	0	23.33	23.42	23.32	24	0
20	QPSK	1	49	23.03	23.00	22.94		
20	QPSK	1	99	23.12	23.12	23.19		
20	QPSK	50	0	22.76	22.79	22.73	23	1
20	QPSK	50	24	22.77	22.75	22.78		
20	QPSK	50	50	22.69	22.73	22.58		
20	QPSK	100	0	22.72	22.78	22.77		
20	16QAM	1	0	22.59	22.63	22.68	23	1
20	16QAM	1	49	22.62	22.57	22.61		
20	16QAM	1	99	22.69	22.69	22.70		
20	16QAM	50	0	21.46	21.45	21.44	22	2
20	16QAM	50	24	21.48	21.45	21.49		
20	16QAM	50	50	21.51	21.45	21.54		
20	16QAM	100	0	21.51	21.45	21.49		
20	64QAM	1	0	21.56	21.51	21.63	22	2
20	64QAM	1	49	21.44	21.48	21.56		
20	64QAM	1	99	21.62	21.73	21.62		
20	64QAM	50	0	20.65	20.63	20.62	21	3
20	64QAM	50	24	20.66	20.61	20.64		
20	64QAM	50	50	20.67	20.62	20.72		
20	64QAM	100	0	20.75	20.71	20.74		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.29	23.31	23.30	24	0
15	QPSK	1	37	23.04	22.95	23.04		
15	QPSK	1	74	23.15	23.13	23.10		
15	QPSK	36	0	22.73	22.66	22.73	23	1
15	QPSK	36	20	22.78	22.75	22.78		
15	QPSK	36	39	22.48	22.40	22.51		
15	QPSK	75	0	22.53	22.40	22.43		
15	16QAM	1	0	22.57	22.57	22.54	23	1
15	16QAM	1	37	22.72	22.72	22.74		
15	16QAM	1	74	22.67	22.69	22.67		
15	16QAM	36	0	21.76	21.64	21.74	22	2
15	16QAM	36	20	21.78	21.76	21.79		
15	16QAM	36	39	21.56	21.67	21.58		
15	16QAM	75	0	21.57	21.56	21.46		
15	64QAM	1	0	21.48	21.45	21.47	22	2
15	64QAM	1	37	21.63	21.61	21.65		
15	64QAM	1	74	21.59	21.67	21.59		
15	64QAM	36	0	20.68	20.64	20.63	21	3
15	64QAM	36	20	20.69	20.68	20.70		
15	64QAM	36	39	20.77	20.67	20.80		
15	64QAM	75	0	20.76	20.63	20.69		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.29	23.30	23.26	24	0
10	QPSK	1	25	23.19	23.17	23.24		
10	QPSK	1	49	23.38	23.37	23.41		
10	QPSK	25	0	22.58	22.52	22.50	23	1
10	QPSK	25	12	22.49	22.50	22.58		
10	QPSK	25	25	22.63	22.58	22.66		
10	QPSK	50	0	22.56	22.55	22.62		
10	16QAM	1	0	22.48	22.45	22.48	23	1
10	16QAM	1	25	22.29	22.29	22.37		
10	16QAM	1	49	22.55	22.54	22.49		
10	16QAM	25	0	21.65	21.61	21.56	22	2
10	16QAM	25	12	21.56	21.55	21.61		
10	16QAM	25	25	21.64	21.59	21.64		
10	16QAM	50	0	21.63	21.61	21.66		
10	64QAM	1	0	21.55	21.56	21.62	22	2
10	64QAM	1	25	21.39	21.44	21.47		
10	64QAM	1	49	21.61	21.68	21.69		
10	64QAM	25	0	20.68	20.64	20.61	21	3
10	64QAM	25	12	20.62	20.61	20.69		
10	64QAM	25	25	20.69	20.64	20.74		
10	64QAM	50	0	20.62	20.60	20.70		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.30	23.29	23.26	24	0
5	QPSK	1	12	23.24	23.17	23.25		
5	QPSK	1	24	23.14	23.15	23.22		
5	QPSK	12	0	22.58	22.56	22.63	23	1
5	QPSK	12	7	22.56	22.52	22.59		
5	QPSK	12	13	22.51	22.52	22.62		
5	QPSK	25	0	22.61	22.57	22.62		
5	16QAM	1	0	22.49	22.41	22.50	23	1
5	16QAM	1	12	22.58	22.38	22.50		
5	16QAM	1	24	22.34	22.39	22.45		
5	16QAM	12	0	21.57	21.57	21.61	22	2
5	16QAM	12	7	21.60	21.55	21.59		
5	16QAM	12	13	21.53	21.51	21.59		
5	16QAM	25	0	21.64	21.56	21.64		
5	64QAM	1	0	21.59	21.58	21.67	22	2
5	64QAM	1	12	21.59	21.60	21.60		
5	64QAM	1	24	21.52	21.52	21.56		
5	64QAM	12	0	20.69	20.67	20.73	21	3
5	64QAM	12	7	20.72	20.66	20.72		
5	64QAM	12	13	20.64	20.67	20.70		
5	64QAM	25	0	20.70	20.64	20.73		

Band 41 (2.6G Band)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	23.38	23.45	23.46	23.38	24	0
20	QPSK	1	49	23.28	23.31	23.27	23.12		
20	QPSK	1	99	23.23	22.97	22.96	23.34		
20	QPSK	50	0	22.93	22.98	22.99	22.98	23	1
20	QPSK	50	24	22.92	22.67	22.95	22.92		
20	QPSK	50	50	22.84	22.88	22.77	22.78		
20	QPSK	100	0	22.83	22.94	22.95	22.83		
20	16QAM	1	0	22.65	22.81	22.77	22.67	23	1
20	16QAM	1	49	22.70	22.86	22.84	22.66		
20	16QAM	1	99	22.38	22.38	22.41	22.44		
20	16QAM	50	0	21.68	21.67	21.59	21.64	22	2
20	16QAM	50	24	21.64	21.73	21.68	21.62		
20	16QAM	50	50	21.58	21.59	21.50	21.51		
20	16QAM	100	0	21.58	21.70	21.62	21.56		
20	64QAM	1	0	21.68	21.70	21.70	21.60	22	2
20	64QAM	1	49	21.66	21.74	21.73	21.69		
20	64QAM	1	99	21.29	21.37	21.26	21.33		
20	64QAM	50	0	20.80	20.85	20.76	20.79	21	3
20	64QAM	50	24	20.79	20.91	20.83	20.78		
20	64QAM	50	50	20.77	20.78	20.69	20.67		
20	64QAM	100	0	20.85	20.86	20.84	20.81		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	23.35	23.40	23.34	23.35	24	0
15	QPSK	1	37	23.21	23.26	23.20	23.22		
15	QPSK	1	74	23.08	23.15	23.05	23.04		
15	QPSK	36	0	22.95	23.00	22.95	22.99	23	1
15	QPSK	36	20	22.64	22.74	22.63	22.65		
15	QPSK	36	39	22.76	22.79	22.71	22.70		
15	QPSK	75	0	22.71	22.71	22.66	22.62		
15	16QAM	1	0	22.58	22.48	22.39	22.67	23	1
15	16QAM	1	37	22.76	22.81	22.82	22.76		
15	16QAM	1	74	22.46	22.36	22.32	22.32		
15	16QAM	36	0	21.62	21.72	21.60	21.64	22	2
15	16QAM	36	20	21.67	21.73	21.67	21.64		
15	16QAM	36	39	21.75	21.81	21.72	21.68		
15	16QAM	75	0	21.73	21.73	21.70	21.66		
15	64QAM	1	0	21.60	21.57	21.57	21.61	22	2
15	64QAM	1	37	21.78	21.98	21.70	21.91		
15	64QAM	1	74	21.60	21.62	21.53	21.65		
15	64QAM	36	0	20.89	20.92	20.86	20.89	21	3
15	64QAM	36	20	20.95	21.00	20.93	20.91		
15	64QAM	36	39	21.00	20.89	20.96	20.92		
15	64QAM	75	0	20.95	20.97	20.89	20.88		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	23.05	23.09	23.06	23.07	24	0
10	QPSK	1	25	23.41	23.38	23.42	23.40		
10	QPSK	1	49	23.38	23.38	23.27	23.28		
10	QPSK	25	0	22.66	22.72	22.77	22.71	23	1
10	QPSK	25	12	22.74	22.73	22.77	22.75		
10	QPSK	25	25	22.62	22.74	22.69	22.70		
10	QPSK	50	0	22.69	22.71	22.72	22.72		
10	16QAM	1	0	22.83	22.91	22.89	22.88	23	1
10	16QAM	1	25	22.82	22.81	22.85	22.88		
10	16QAM	1	49	22.85	22.82	22.73	22.54		
10	16QAM	25	0	21.75	21.78	21.82	21.77	22	2
10	16QAM	25	12	21.76	21.78	21.80	21.78		
10	16QAM	25	25	21.69	21.80	21.72	21.74		
10	16QAM	50	0	21.71	21.73	21.76	21.75		
10	64QAM	1	0	21.73	21.77	21.71	21.82	22	2
10	64QAM	1	25	21.74	21.72	21.78	21.82		
10	64QAM	1	49	21.74	21.70	21.66	21.41		
10	64QAM	25	0	20.87	20.93	20.98	20.93	21	3
10	64QAM	25	12	20.92	20.92	20.98	20.94		
10	64QAM	25	25	20.89	20.97	20.88	20.90		
10	64QAM	50	0	20.89	20.89	20.92	20.92		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	23.15	23.11	23.10	23.14	24	0
5	QPSK	1	12	23.41	23.41	23.39	23.35		
5	QPSK	1	24	23.38	23.39	23.41	23.29		
5	QPSK	12	0	22.65	22.74	22.74	22.75	23	1
5	QPSK	12	7	22.64	22.79	22.68	22.68		
5	QPSK	12	13	22.67	22.74	22.72	22.71		
5	QPSK	25	0	22.67	22.83	22.70	22.76		
5	16QAM	1	0	22.93	22.95	22.67	22.91	23	1
5	16QAM	1	12	22.67	22.77	22.89	22.97		
5	16QAM	1	24	22.99	22.95	22.99	22.76		
5	16QAM	12	0	21.70	21.76	21.73	21.76	22	2
5	16QAM	12	7	21.64	21.79	21.70	21.73		
5	16QAM	12	13	21.65	21.72	21.70	21.72		
5	16QAM	25	0	21.74	21.84	21.78	21.73		
5	64QAM	1	0	21.85	21.88	21.89	21.99	22	2
5	64QAM	1	12	21.84	21.94	21.80	21.83		
5	64QAM	1	24	21.79	21.82	21.83	21.57		
5	64QAM	12	0	20.88	20.98	20.97	20.97	21	3
5	64QAM	12	7	20.87	21.00	20.92	20.93		
5	64QAM	12	13	20.88	20.94	20.92	20.90		
5	64QAM	25	0	20.89	20.97	20.90	20.96		

Reduced Power Mode for P-Sensor On

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.85	19.97	19.95	21.00	22.09	22.11	22.00	23.00
3GPP Rel 99	RMC 12.2Kbps	19.86	19.99	19.97	21.00	22.10	22.14	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69	20.00	21.01	21.01	20.80	22.00
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67	20.00	21.03	21.00	20.79	22.00
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19	19.50	20.52	20.49	20.31	21.50
3GPP Rel 6	HSDPA Subtest-4	17.93	18.04	18.17	19.50	20.52	20.49	20.34	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.45	18.51	18.55	20.00	21.00	21.01	21.03	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.49	18.45	18.54	20.00	21.03	21.03	21.05	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.00	18.01	18.02	19.50	20.51	20.55	20.45	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	17.85	18.01	19.50	20.49	20.51	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	18.48	18.57	18.70	20.00	20.96	21.01	20.85	22.00
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65	18.00	19.05	18.99	18.81	20.00
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70	19.00	19.64	19.70	19.77	21.00
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68	18.00	19.05	19.00	18.82	20.00
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70	20.00	21.00	21.00	20.80	22.00

Band 2 (1900MHz Band)
Part 24E

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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.08	21.20	21.19	22	0
20	QPSK	1	49	20.81	20.89	20.93		
20	QPSK	1	99	20.76	20.89	21.03		
20	QPSK	50	0	20.57	20.85	20.75	22	0
20	QPSK	50	24	20.59	20.71	20.84		
20	QPSK	50	50	20.54	20.64	20.71		
20	QPSK	100	0	20.63	20.78	20.76		
20	16QAM	1	0	21.04	21.06	21.10	22	0
20	16QAM	1	49	20.93	21.06	21.08		
20	16QAM	1	99	20.84	20.98	21.04		
20	16QAM	50	0	20.58	20.75	20.75	22	0
20	16QAM	50	24	20.60	20.69	20.82		
20	16QAM	50	50	20.54	20.66	20.69		
20	16QAM	100	0	20.61	20.70	20.73		
20	64QAM	1	0	20.88	20.93	21.04	22	0
20	64QAM	1	49	20.78	20.85	20.88		
20	64QAM	1	99	20.71	20.85	20.92		
20	64QAM	50	0	20.57	20.73	20.75	21	1
20	64QAM	50	24	20.58	20.65	20.79		
20	64QAM	50	50	20.53	20.64	20.70		
20	64QAM	100	0	20.60	20.72	20.74		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	20.82	20.87	20.94	22	0
15	QPSK	1	37	20.80	20.85	20.87		
15	QPSK	1	74	20.78	20.87	21.00		
15	QPSK	36	0	20.58	20.72	20.84	22	0
15	QPSK	36	20	20.49	20.70	20.78		
15	QPSK	36	39	20.59	20.70	20.78		
15	QPSK	75	0	20.53	20.71	20.81		
15	16QAM	1	0	21.15	21.18	21.07	22	0
15	16QAM	1	37	20.85	21.04	21.10		
15	16QAM	1	74	21.07	21.17	21.06		
15	16QAM	36	0	20.57	20.75	20.84	22	0
15	16QAM	36	20	20.51	20.70	20.78		
15	16QAM	36	39	20.57	20.66	20.76		
15	16QAM	75	0	20.54	20.73	20.82		
15	64QAM	1	0	20.98	21.07	21.14	22	0
15	64QAM	1	37	20.94	20.90	20.93		
15	64QAM	1	74	20.97	21.09	21.18		
15	64QAM	36	0	20.58	20.74	20.79	21	1
15	64QAM	36	20	20.51	20.68	20.78		
15	64QAM	36	39	20.56	20.64	20.75		
15	64QAM	75	0	20.53	20.73	20.83		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	20.73	20.76	20.81	22	0
10	QPSK	1	25	20.60	20.63	20.70		
10	QPSK	1	49	20.81	20.87	21.04		
10	QPSK	25	0	20.76	20.77	20.88	22	0
10	QPSK	25	12	20.72	20.74	20.79		
10	QPSK	25	25	20.68	20.74	20.87		
10	QPSK	50	0	20.73	20.76	20.80		
10	16QAM	1	0	21.10	21.07	21.09	22	0
10	16QAM	1	25	21.00	21.07	21.08		
10	16QAM	1	49	21.15	21.18	21.07		
10	16QAM	25	0	20.76	20.77	20.92	22	0
10	16QAM	25	12	20.72	20.75	20.80		
10	16QAM	25	25	20.69	20.74	20.86		
10	16QAM	50	0	20.73	20.78	20.84		
10	64QAM	1	0	21.15	21.14	21.18	22	0
10	64QAM	1	25	20.89	20.95	21.00		
10	64QAM	1	49	21.02	21.10	21.15		
10	64QAM	25	0	20.77	20.77	20.91	21	1
10	64QAM	25	12	20.70	20.74	20.81		
10	64QAM	25	25	20.68	20.73	20.85		
10	64QAM	50	0	20.72	20.75	20.81		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	20.81	20.85	20.87	22	0
5	QPSK	1	12	20.58	20.64	20.74		
5	QPSK	1	24	20.61	20.64	20.75		
5	QPSK	12	0	20.77	20.76	20.86	22	0
5	QPSK	12	7	20.69	20.72	20.84		
5	QPSK	12	13	20.67	20.69	20.79		
5	QPSK	25	0	20.72	20.76	20.84		
5	16QAM	1	0	21.11	21.13	21.17	22	0
5	16QAM	1	12	20.96	20.97	21.04		
5	16QAM	1	24	20.95	20.95	21.06		
5	16QAM	12	0	20.79	20.80	20.89	22	0
5	16QAM	12	7	20.73	20.76	20.82		
5	16QAM	12	13	20.70	20.70	20.83		
5	16QAM	25	0	20.72	20.73	20.82		
5	64QAM	1	0	21.01	21.04	21.08	22	0
5	64QAM	1	12	20.82	20.85	21.01		
5	64QAM	1	24	20.81	20.84	20.97		
5	64QAM	12	0	20.76	20.78	20.88	21	1
5	64QAM	12	7	20.71	20.72	20.82		
5	64QAM	12	13	20.65	20.68	20.80		
5	64QAM	25	0	20.74	20.73	20.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	20.75	20.76	20.84	22	0
3	QPSK	1	8	20.66	20.70	20.81		
3	QPSK	1	14	20.59	20.65	20.74		
3	QPSK	8	0	20.72	20.70	20.82	22	0
3	QPSK	8	4	20.72	20.73	20.81		
3	QPSK	8	7	20.66	20.65	20.79		
3	QPSK	15	0	20.69	20.70	20.79		
3	16QAM	1	0	21.00	20.99	21.11	22	0
3	16QAM	1	8	21.02	20.99	21.15		
3	16QAM	1	14	20.89	20.92	21.04		
3	16QAM	8	0	20.75	20.77	20.86	22	0
3	16QAM	8	4	20.76	20.78	20.86		
3	16QAM	8	7	20.72	20.74	20.82		
3	16QAM	15	0	20.73	20.75	20.83		
3	64QAM	1	0	20.86	20.88	21.00	22	0
3	64QAM	1	8	20.84	20.88	21.03		
3	64QAM	1	14	20.79	20.83	20.92		
3	64QAM	8	0	20.70	20.73	20.85	21	1
3	64QAM	8	4	20.68	20.73	20.83		
3	64QAM	8	7	20.68	20.67	20.80		
3	64QAM	15	0	20.68	20.71	20.80		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	20.76	20.72	20.78	22	0
1.4	QPSK	1	3	20.79	20.74	20.85		
1.4	QPSK	1	5	20.72	20.69	20.76		
1.4	QPSK	3	0	20.77	20.71	20.81		
1.4	QPSK	3	1	20.80	20.77	20.85		
1.4	QPSK	3	3	20.72	20.74	20.78		
1.4	QPSK	6	0	20.69	20.71	20.78	22	0
1.4	16QAM	1	0	21.02	21.01	21.10	22	0
1.4	16QAM	1	3	21.05	21.02	21.18		
1.4	16QAM	1	5	21.00	20.98	21.10		
1.4	16QAM	3	0	20.81	20.84	20.86		
1.4	16QAM	3	1	20.83	20.82	20.86		
1.4	16QAM	3	3	20.77	20.75	20.83		
1.4	16QAM	6	0	20.74	20.73	20.89	22	0
1.4	64QAM	1	0	20.89	20.88	20.99	22	0
1.4	64QAM	1	3	20.90	20.91	21.01		
1.4	64QAM	1	5	20.80	20.85	20.93		
1.4	64QAM	3	0	20.81	20.79	20.91		
1.4	64QAM	3	1	20.80	20.85	20.92		
1.4	64QAM	3	3	20.78	20.82	20.87		
1.4	64QAM	6	0	20.72	20.69	20.79	21	1

Band 7 (2600MHz Band)
Part 27

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		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.36	18.54	18.34	19.5	0
20	QPSK	1	49	18.40	18.44	18.39		
20	QPSK	1	99	18.26	18.31	18.21		
20	QPSK	50	0	18.44	18.49	18.36	19.5	0
20	QPSK	50	24	18.41	18.45	18.44		
20	QPSK	50	50	18.44	18.37	18.34		
20	QPSK	100	0	18.40	18.46	18.44		
20	16QAM	1	0	18.33	18.39	18.29	19.5	0
20	16QAM	1	49	18.41	18.47	18.46		
20	16QAM	1	99	18.25	18.32	18.19		
20	16QAM	50	0	18.15	18.18	18.05	19.5	0
20	16QAM	50	24	18.14	18.21	18.15		
20	16QAM	50	50	18.19	18.08	18.06		
20	16QAM	100	0	18.07	18.13	18.10		
20	64QAM	1	0	18.20	18.28	18.20	19.5	0
20	64QAM	1	49	18.31	18.32	18.29		
20	64QAM	1	99	18.11	18.18	18.08		
20	64QAM	50	0	18.12	18.18	18.02	19.5	0
20	64QAM	50	24	18.12	18.17	18.14		
20	64QAM	50	50	18.16	18.06	18.05		
20	64QAM	100	0	18.08	18.14	18.11		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.07	18.12	18.01	19.5	0
15	QPSK	1	37	18.03	18.07	18.06		
15	QPSK	1	74	17.99	17.97	17.98		
15	QPSK	36	0	18.08	18.11	18.15	19.5	0
15	QPSK	36	20	18.17	18.21	18.17		
15	QPSK	36	39	18.12	18.09	18.09		
15	QPSK	75	0	18.16	18.13	18.10		
15	16QAM	1	0	18.30	18.37	18.28	19.5	0
15	16QAM	1	37	18.40	18.37	18.36		
15	16QAM	1	74	18.25	18.29	18.20		
15	16QAM	36	0	18.12	18.13	18.12	19.5	0
15	16QAM	36	20	18.22	18.22	18.16		
15	16QAM	36	39	18.16	18.08	18.06		
15	16QAM	75	0	18.12	18.13	18.14		
15	64QAM	1	0	18.22	18.28	18.18	19.5	0
15	64QAM	1	37	18.24	18.24	18.16		
15	64QAM	1	74	18.16	18.16	18.08		
15	64QAM	36	0	18.10	18.12	18.12	19.5	0
15	64QAM	36	20	18.21	18.21	18.15		
15	64QAM	36	39	18.14	18.08	18.06		
15	64QAM	75	0	18.12	18.13	18.14		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.40	18.50	18.38	19.5	0
10	QPSK	1	25	18.17	18.21	18.10		
10	QPSK	1	49	18.25	18.28	18.19		
10	QPSK	25	0	18.22	18.29	18.20	19.5	0
10	QPSK	25	12	18.18	18.25	18.14		
10	QPSK	25	25	18.20	18.21	18.14		
10	QPSK	50	0	18.20	18.23	18.16		
10	16QAM	1	0	18.50	18.43	18.39	19.5	0
10	16QAM	1	25	18.50	18.53	18.45		
10	16QAM	1	49	18.51	18.47	18.50		
10	16QAM	25	0	18.23	18.30	18.20	19.5	0
10	16QAM	25	12	18.22	18.24	18.13		
10	16QAM	25	25	18.19	18.20	18.12		
10	16QAM	50	0	18.23	18.25	18.17		
10	64QAM	1	0	18.53	18.30	18.45	19.5	0
10	64QAM	1	25	18.40	18.43	18.33		
10	64QAM	1	49	18.42	18.45	18.38		
10	64QAM	25	0	18.25	18.30	18.18	19.5	0
10	64QAM	25	12	18.19	18.24	18.11		
10	64QAM	25	25	18.17	18.20	18.12		
10	64QAM	50	0	18.19	18.23	18.15		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.27	18.34	18.21	19.5	0
5	QPSK	1	12	18.15	18.18	18.08		
5	QPSK	1	24	18.13	18.17	18.09		
5	QPSK	12	0	18.24	18.21	18.14	19.5	0
5	QPSK	12	7	18.17	18.23	18.15		
5	QPSK	12	13	18.23	18.22	18.12		
5	QPSK	25	0	18.20	18.27	18.15		
5	16QAM	1	0	18.40	18.36	18.45	19.5	0
5	16QAM	1	12	18.44	18.47	18.39		
5	16QAM	1	24	18.43	18.44	18.37		
5	16QAM	12	0	18.27	18.23	18.21	19.5	0
5	16QAM	12	7	18.23	18.26	18.16		
5	16QAM	12	13	18.22	18.24	18.15		
5	16QAM	25	0	18.21	18.26	18.14		
5	64QAM	1	0	18.39	18.46	18.35	19.5	0
5	64QAM	1	12	18.35	18.37	18.26		
5	64QAM	1	24	18.31	18.33	18.22		
5	64QAM	12	0	18.26	18.23	18.17	19.5	0
5	64QAM	12	7	18.19	18.23	18.17		
5	64QAM	12	13	18.23	18.22	18.12		
5	64QAM	25	0	18.20	18.26	18.13		

Band 38(only on channel required)

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)				2580	2595	2610		
20	QPSK	1	0	20.21	20.48	20.14		
20	QPSK	1	49	20.32	20.38	20.33	21.5	0
20	QPSK	1	99	20.41	20.23	20.29		
20	QPSK	50	0	20.30	20.45	20.21		
20	QPSK	50	24	20.40	20.28	20.33	21.5	0
20	QPSK	50	50	20.32	20.32	20.29		
20	QPSK	100	0	20.29	20.30	20.26		
20	16QAM	1	0	20.35	20.29	20.31		
20	16QAM	1	49	20.45	20.43	20.40	21.5	0
20	16QAM	1	99	20.47	20.39	20.42		
20	16QAM	50	0	20.31	20.19	20.18		
20	16QAM	50	24	20.44	20.30	20.34	21.5	0
20	16QAM	50	50	20.32	20.35	20.30		
20	16QAM	100	0	20.33	20.30	20.35		
20	64QAM	1	0	20.04	20.01	19.95		
20	64QAM	1	49	20.13	20.12	20.10	21.5	0
20	64QAM	1	99	20.19	20.04	20.09		
20	64QAM	50	0	20.23	20.13	20.14		
20	64QAM	50	24	20.37	20.23	20.29	21.5	0
20	64QAM	50	50	20.27	20.30	20.24		
20	64QAM	100	0	20.35	20.32	20.38		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	20.34	20.21	20.12		
15	QPSK	1	37	20.35	20.21	20.24	21.5	0
15	QPSK	1	74	20.36	20.30	20.27		
15	QPSK	36	0	20.27	20.20	20.27		
15	QPSK	36	20	20.42	20.29	20.33	21.5	0
15	QPSK	36	39	20.36	20.34	20.33		
15	QPSK	75	0	20.34	20.25	20.24		
15	16QAM	1	0	20.36	20.31	20.27		
15	16QAM	1	37	20.49	20.39	20.39	21.5	0
15	16QAM	1	74	20.48	20.40	20.44		
15	16QAM	36	0	20.24	20.19	20.25		
15	16QAM	36	20	20.41	20.26	20.28	21.5	0
15	16QAM	36	39	20.35	20.31	20.34		
15	16QAM	75	0	20.37	20.26	20.30		
15	64QAM	1	0	20.04	20.04	19.97		
15	64QAM	1	37	20.44	20.46	20.31	21.5	0
15	64QAM	1	74	20.16	20.10	20.10		
15	64QAM	36	0	20.27	20.23	20.30		
15	64QAM	36	20	20.42	20.31	20.35	21.5	0
15	64QAM	36	39	20.36	20.34	20.36		
15	64QAM	75	0	20.36	20.24	20.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	20.46	20.46	20.40		
10	QPSK	1	25	20.51	20.34	20.34	21.5	0
10	QPSK	1	49	20.54	20.54	20.51		
10	QPSK	25	0	20.53	20.34	20.25		
10	QPSK	25	12	20.46	20.33	20.31	21.5	0
10	QPSK	25	25	20.57	20.38	20.35		
10	QPSK	50	0	20.48	20.34	20.34		
10	16QAM	1	0	20.50	20.56	20.48		
10	16QAM	1	25	20.55	20.45	20.40	21.5	0
10	16QAM	1	49	20.46	20.57	20.56		
10	16QAM	25	0	20.55	20.41	20.24		
10	16QAM	25	12	20.46	20.36	20.28	21.5	0
10	16QAM	25	25	20.52	20.37	20.34		
10	16QAM	50	0	20.50	20.37	20.34		
10	64QAM	1	0	20.38	20.20	20.14		
10	64QAM	1	25	20.22	20.11	20.09	21.5	0
10	64QAM	1	49	20.40	20.29	20.28		
10	64QAM	25	0	20.51	20.33	20.17		
10	64QAM	25	12	20.39	20.30	20.26	21.5	0
10	64QAM	25	25	20.52	20.32	20.31		
10	64QAM	50	0	20.46	20.30	20.31		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	20.63	20.51	20.45		
5	QPSK	1	12	20.50	20.31	20.53	21.5	0
5	QPSK	1	24	20.45	20.26	20.23		
5	QPSK	12	0	20.56	20.39	20.31		
5	QPSK	12	7	20.54	20.34	20.31	21.5	0
5	QPSK	12	13	20.43	20.34	20.27		
5	QPSK	25	0	20.51	20.42	20.29		
5	16QAM	1	0	20.64	20.53	20.49		
5	16QAM	1	12	20.50	20.52	20.65	21.5	0
5	16QAM	1	24	20.56	20.39	20.38		
5	16QAM	12	0	20.50	20.37	20.33		
5	16QAM	12	7	20.49	20.30	20.25	21.5	0
5	16QAM	12	13	20.40	20.29	20.22		
5	16QAM	25	0	20.53	20.36	20.33		
5	64QAM	1	0	20.39	20.21	20.23		
5	64QAM	1	12	20.49	20.14	20.15	21.5	0
5	64QAM	1	24	20.26	20.12	20.06		
5	64QAM	12	0	20.49	20.32	20.34		
5	64QAM	12	7	20.45	20.28	20.26	21.5	0
5	64QAM	12	13	20.38	20.27	20.19		
5	64QAM	25	0	20.49	20.33	20.26		

Band 41 (2.6G Band)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	20.36	20.50	20.60	20.21		
20	QPSK	1	49	20.54	20.58	20.45	20.33	21.5	0
20	QPSK	1	99	20.26	20.21	20.22	20.25		
20	QPSK	50	0	20.26	20.25	20.35	20.10		
20	QPSK	50	24	20.31	20.34	20.27	20.16	21.5	0
20	QPSK	50	50	20.17	20.14	20.01	19.95		
20	QPSK	100	0	20.18	20.24	20.26	20.00		
20	16QAM	1	0	20.28	20.35	20.27	20.13		
20	16QAM	1	49	20.44	20.49	20.37	20.27	21.5	0
20	16QAM	1	99	20.07	20.08	20.03	20.06		
20	16QAM	50	0	20.31	20.24	20.20	20.14		
20	16QAM	50	24	20.34	20.37	20.26	20.11	21.5	0
20	16QAM	50	50	20.21	20.18	20.04	19.98		
20	16QAM	100	0	20.25	20.26	20.19	20.01		
20	64QAM	1	0	19.94	19.97	19.91	19.78		
20	64QAM	1	49	20.08	20.12	20.07	19.91	21.5	0
20	64QAM	1	99	20.02	20.07	20.04	20.04		
20	64QAM	50	0	20.26	20.18	20.13	20.07		
20	64QAM	50	24	20.28	20.29	20.20	20.05	21.5	0
20	64QAM	50	50	20.17	20.11	19.96	19.92		
20	64QAM	100	0	20.24	20.29	20.23	20.04		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	19.95	19.96	19.88	19.83		
15	QPSK	1	37	20.01	20.00	19.84	19.92	21.5	0
15	QPSK	1	74	19.92	19.91	19.84	19.86		
15	QPSK	36	0	20.36	20.32	20.20	20.18		
15	QPSK	36	20	20.38	20.38	20.26	20.21	21.5	0
15	QPSK	36	39	20.42	20.43	20.32	20.23		
15	QPSK	75	0	20.40	20.38	20.26	20.17		
15	16QAM	1	0	20.07	20.07	19.96	19.93		
15	16QAM	1	37	20.33	20.37	20.20	20.22	21.5	0
15	16QAM	1	74	19.90	19.89	19.91	19.88		
15	16QAM	36	0	20.30	20.30	20.18	20.13		
15	16QAM	36	20	20.38	20.38	20.22	20.17	21.5	0
15	16QAM	36	39	20.39	20.47	20.29	20.20		
15	16QAM	75	0	20.40	20.34	20.27	20.16		
15	64QAM	1	0	19.72	19.80	19.61	19.61		
15	64QAM	1	37	20.07	20.06	20.00	19.92	21.5	0
15	64QAM	1	74	19.72	19.77	19.83	19.83		
15	64QAM	36	0	20.34	20.32	20.24	20.15		
15	64QAM	36	20	20.43	20.40	20.28	20.19	21.5	0
15	64QAM	36	39	20.44	20.46	20.31	20.23		
15	64QAM	75	0	20.40	20.35	20.30	20.13		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	20.39	20.43	20.30	20.19		
10	QPSK	1	25	20.44	20.43	20.43	20.31	21.5	0
10	QPSK	1	49	20.38	20.31	20.22	20.18		
10	QPSK	25	0	20.33	20.34	20.34	20.19		
10	QPSK	25	12	20.38	20.40	20.36	20.26	21.5	0
10	QPSK	25	25	20.30	20.41	20.30	20.19		
10	QPSK	50	0	20.36	20.31	20.35	20.21		
10	16QAM	1	0	20.44	20.43	20.38	20.32		
10	16QAM	1	25	20.49	20.48	20.46	20.34	21.5	0
10	16QAM	1	49	20.43	20.41	20.28	20.20		
10	16QAM	25	0	20.39	20.37	20.37	20.23		
10	16QAM	25	12	20.42	20.35	20.40	20.26	21.5	0
10	16QAM	25	25	20.35	20.41	20.31	20.17		
10	16QAM	50	0	20.36	20.34	20.37	20.22		
10	64QAM	1	0	20.09	20.22	20.03	19.94		
10	64QAM	1	25	20.12	20.09	20.12	19.98	21.5	0
10	64QAM	1	49	20.11	20.09	19.98	19.88		
10	64QAM	25	0	20.31	20.32	20.33	20.16		
10	64QAM	25	12	20.33	20.34	20.37	20.24	21.5	0
10	64QAM	25	25	20.30	20.37	20.25	20.13		
10	64QAM	50	0	20.30	20.32	20.32	20.13		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	20.49	20.56	20.46	20.31		
5	QPSK	1	12	20.34	20.31	20.33	20.25	21.5	0
5	QPSK	1	24	20.31	20.37	20.34	20.19		
5	QPSK	12	0	20.37	20.41	20.40	20.22		
5	QPSK	12	7	20.36	20.41	20.28	20.20	21.5	0
5	QPSK	12	13	20.35	20.36	20.31	20.23		
5	QPSK	25	0	20.33	20.43	20.33	20.23		
5	16QAM	1	0	20.54	20.49	20.47	20.41		
5	16QAM	1	12	20.51	20.46	20.48	20.38	21.5	0
5	16QAM	1	24	20.47	20.46	20.42	20.32		
5	16QAM	12	0	20.34	20.40	20.37	20.20		
5	16QAM	12	7	20.33	20.43	20.25	20.18	21.5	0
5	16QAM	12	13	20.29	20.34	20.29	20.17		
5	16QAM	25	0	20.41	20.46	20.33	20.26		
5	64QAM	1	0	20.23	20.31	20.23	20.16		
5	64QAM	1	12	20.21	20.33	20.19	20.09	21.5	0
5	64QAM	1	24	20.11	20.19	20.20	20.02		
5	64QAM	12	0	20.31	20.39	20.34	20.19		
5	64QAM	12	7	20.32	20.43	20.27	20.16	21.5	0
5	64QAM	12	13	20.28	20.33	20.27	20.17		
5	64QAM	25	0	20.33	20.37	20.29	20.19		

Reduced Power Mode for Hotspot On

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	28.78	28.70	28.85	29.50	19.78	19.70	19.85	20.50
GPRS 1 Tx slot	28.77	28.68	28.84	29.50	19.77	19.68	19.84	20.50
GPRS 2 Tx slots	28.01	28.07	28.00	29.00	22.01	22.07	22.00	23.00
GPRS 3 Tx slots	26.00	25.91	26.07	27.00	21.74	21.65	21.81	22.74
GPRS 4 Tx slots	23.88	23.79	23.95	24.50	20.88	20.79	20.95	21.50
EDGE 1 Tx slot	25.25	25.29	25.29	26.50	16.25	16.29	16.29	17.50
EDGE 2 Tx slots	24.12	24.23	24.16	25.50	18.12	18.23	18.16	19.50
EDGE 3 Tx slots	22.05	22.15	22.10	23.00	17.79	17.89	17.84	18.74
EDGE 4 Tx slots	19.95	20.10	20.01	20.50	16.95	17.10	17.01	17.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		4132	4182	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	19.85	19.97	19.95	21.00	22.09	22.11	22.00	23.00
3GPP Rel 99	RMC 12.2Kbps	19.86	19.99	19.97	21.00	22.10	22.14	22.01	23.00
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69	20.00	21.01	21.01	20.80	22.00
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67	20.00	21.03	21.00	20.79	22.00
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19	19.50	20.52	20.49	20.31	21.50
3GPP Rel 6	HSDPA Subtest-4	17.93	18.04	18.17	19.50	20.52	20.49	20.34	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.45	18.51	18.55	20.00	21.00	21.01	21.03	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.49	18.45	18.54	20.00	21.03	21.03	21.05	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.00	18.01	18.02	19.50	20.51	20.55	20.45	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	17.85	18.01	19.50	20.49	20.51	20.51	21.50
3GPP Rel 6	HSUPA Subtest-1	18.48	18.57	18.70	20.00	20.96	21.01	20.85	22.00
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65	18.00	19.05	18.99	18.81	20.00
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70	19.00	19.64	19.70	19.77	21.00
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68	18.00	19.05	19.00	18.82	20.00
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70	20.00	21.00	21.00	20.80	22.00

Band 2 (1900MHz Band) Part 24E								
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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.96	19.21	19.00	20.5	0
20	QPSK	1	49	18.80	18.79	18.81		
20	QPSK	1	99	18.81	18.75	18.89		
20	QPSK	50	0	18.66	19.00	18.91	20.5	0
20	QPSK	50	24	18.87	18.88	18.97		
20	QPSK	50	50	18.80	18.83	18.89		
20	QPSK	100	0	18.88	18.91	18.90		
20	16QAM	1	0	19.02	19.00	19.08	20.5	0
20	16QAM	1	49	18.89	18.95	18.92		
20	16QAM	1	99	18.82	18.88	18.99		
20	16QAM	50	0	18.54	18.62	18.64	20.5	0
20	16QAM	50	24	18.57	18.58	18.70		
20	16QAM	50	50	18.51	18.51	18.57		
20	16QAM	100	0	18.56	18.57	18.60		
20	64QAM	1	0	18.88	18.84	18.91	20.5	0
20	64QAM	1	49	18.72	18.76	18.79		
20	64QAM	1	99	18.74	18.76	18.89		
20	64QAM	50	0	18.54	18.58	18.61	20.5	0
20	64QAM	50	24	18.54	18.53	18.68		
20	64QAM	50	50	18.50	18.51	18.55		
20	64QAM	100	0	18.57	18.57	18.60		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.79	18.74	18.81	20.5	0
15	QPSK	1	37	18.50	18.51	18.54		
15	QPSK	1	74	18.76	18.76	18.89		
15	QPSK	36	0	18.55	18.59	18.69	20.5	0
15	QPSK	36	20	18.50	18.60	18.66		
15	QPSK	36	39	18.56	18.54	18.65		
15	QPSK	75	0	18.50	18.56	18.65		
15	16QAM	1	0	19.14	19.12	19.16	20.5	0
15	16QAM	1	37	18.87	18.91	19.01		
15	16QAM	1	74	19.11	19.15	19.03		
15	16QAM	36	0	18.56	18.60	18.70	20.5	0
15	16QAM	36	20	18.50	18.60	18.66		
15	16QAM	36	39	18.56	18.53	18.64		
15	16QAM	75	0	18.50	18.59	18.68		
15	64QAM	1	0	19.00	18.94	19.06	20.5	0
15	64QAM	1	37	18.86	19.01	18.98		
15	64QAM	1	74	18.99	19.01	19.12		
15	64QAM	36	0	18.53	18.60	18.68	20.5	0
15	64QAM	36	20	18.52	18.58	18.68		
15	64QAM	36	39	18.51	18.54	18.61		
15	64QAM	75	0	18.50	18.57	18.67		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.96	18.96	19.00	20.5	0
10	QPSK	1	25	18.60	18.66	18.70		
10	QPSK	1	49	18.77	18.86	19.00		
10	QPSK	25	0	18.75	18.75	18.88	20.5	0
10	QPSK	25	12	18.72	18.75	18.80		
10	QPSK	25	25	18.71	18.74	18.88		
10	QPSK	50	0	18.72	18.74	18.81		
10	16QAM	1	0	19.02	19.06	19.07	20.5	0
10	16QAM	1	25	19.03	19.02	19.14		
10	16QAM	1	49	19.15	19.11	19.11		
10	16QAM	25	0	18.77	18.78	18.90	20.5	0
10	16QAM	25	12	18.71	18.74	18.82		
10	16QAM	25	25	18.70	18.72	18.84		
10	16QAM	50	0	18.72	18.75	18.84		
10	64QAM	1	0	19.20	19.16	19.12	20.5	0
10	64QAM	1	25	18.89	18.91	19.01		
10	64QAM	1	49	19.11	19.15	19.20		
10	64QAM	25	0	18.75	18.76	18.91	20.5	0
10	64QAM	25	12	18.69	18.73	18.81		
10	64QAM	25	25	18.68	18.71	18.84		
10	64QAM	50	0	18.71	18.72	18.80		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.85	18.87	18.79	20.5	0
5	QPSK	1	12	18.59	18.65	18.73		
5	QPSK	1	24	18.59	18.64	18.78		
5	QPSK	12	0	18.75	18.77	18.87	20.5	0
5	QPSK	12	7	18.68	18.70	18.84		
5	QPSK	12	13	18.66	18.68	18.80		
5	QPSK	25	0	18.73	18.71	18.85		
5	16QAM	1	0	19.09	19.09	19.18	20.5	0
5	16QAM	1	12	19.03	19.03	19.13		
5	16QAM	1	24	18.93	18.93	19.04		
5	16QAM	12	0	18.78	18.81	18.89	20.5	0
5	16QAM	12	7	18.73	18.75	18.86		
5	16QAM	12	13	18.67	18.71	18.83		
5	16QAM	25	0	18.73	18.73	18.84		
5	64QAM	1	0	18.99	19.00	19.06	20.5	0
5	64QAM	1	12	18.91	18.85	19.10		
5	64QAM	1	24	18.85	18.85	18.93		
5	64QAM	12	0	18.75	18.77	18.86	20.5	0
5	64QAM	12	7	18.70	18.72	18.83		
5	64QAM	12	13	18.67	18.67	18.82		
5	64QAM	25	0	18.73	18.70	18.85		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.72	18.74	18.77	20.5	0
3	QPSK	1	8	18.67	18.66	18.82		
3	QPSK	1	14	18.62	18.61	18.72		
3	QPSK	8	0	18.73	18.69	18.83	20.5	0
3	QPSK	8	4	18.73	18.70	18.83		
3	QPSK	8	7	18.68	18.70	18.78		
3	QPSK	15	0	18.70	18.70	18.80		
3	16QAM	1	0	19.00	19.01	19.11	20.5	0
3	16QAM	1	8	18.93	19.02	19.11		
3	16QAM	1	14	18.92	18.87	19.03		
3	16QAM	8	0	18.78	18.78	18.89	20.5	0
3	16QAM	8	4	18.78	18.78	18.90		
3	16QAM	8	7	18.73	18.74	18.83		
3	16QAM	15	0	18.71	18.72	18.85		
3	64QAM	1	0	18.88	18.89	19.02	20.5	0
3	64QAM	1	8	18.85	18.87	19.03		
3	64QAM	1	14	18.75	18.76	18.93		
3	64QAM	8	0	18.71	18.72	18.84	20.5	0
3	64QAM	8	4	18.70	18.71	18.84		
3	64QAM	8	7	18.63	18.68	18.78		
3	64QAM	15	0	18.67	18.68	18.82		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.61	18.65	18.76	20.5	0
1.4	QPSK	1	3	18.71	18.67	18.81		
1.4	QPSK	1	5	18.64	18.62	18.73		
1.4	QPSK	3	0	18.70	18.67	18.77		
1.4	QPSK	3	1	18.73	18.69	18.82		
1.4	QPSK	3	3	18.68	18.65	18.76		
1.4	QPSK	6	0	18.66	18.64	18.72	20.5	0
1.4	16QAM	1	0	18.91	18.91	19.02	20.5	0
1.4	16QAM	1	3	18.95	18.97	19.07		
1.4	16QAM	1	5	18.88	18.92	18.99		
1.4	16QAM	3	0	18.74	18.76	18.85		
1.4	16QAM	3	1	18.78	18.78	18.85		
1.4	16QAM	3	3	18.70	18.69	18.82		
1.4	16QAM	6	0	18.66	18.69	18.80	20.5	0
1.4	64QAM	1	0	18.78	18.80	18.90	20.5	0
1.4	64QAM	1	3	18.86	18.85	18.94		
1.4	64QAM	1	5	18.71	18.74	18.89		
1.4	64QAM	3	0	18.80	18.76	18.86		
1.4	64QAM	3	1	18.79	18.74	18.85		
1.4	64QAM	3	3	18.74	18.74	18.83		
1.4	64QAM	6	0	18.64	18.65	18.74	20.5	0

Band 7 (2600MHz Band) Part 27								
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		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.26	16.56	16.21	17	0
20	QPSK	1	49	16.31	16.29	16.32		
20	QPSK	1	99	16.15	16.17	16.09		
20	QPSK	50	0	16.33	16.39	16.23	17	0
20	QPSK	50	24	16.36	16.32	16.31		
20	QPSK	50	50	16.35	16.24	16.25		
20	QPSK	100	0	16.29	16.32	16.31		
20	16QAM	1	0	16.35	16.40	16.27	17	0
20	16QAM	1	49	16.49	16.43	16.44		
20	16QAM	1	99	16.26	16.31	16.24		
20	16QAM	50	0	16.14	16.16	16.01	17	0
20	16QAM	50	24	16.17	16.13	16.14		
20	16QAM	50	50	16.20	16.02	16.06		
20	16QAM	100	0	16.08	16.09	16.08		
20	64QAM	1	0	16.23	16.26	16.15	17	0
20	64QAM	1	49	16.34	16.29	16.26		
20	64QAM	1	99	16.11	16.19	16.10		
20	64QAM	50	0	16.09	16.15	16.00	17	0
20	64QAM	50	24	16.15	16.10	16.14		
20	64QAM	50	50	16.18	16.00	16.04		
20	64QAM	100	0	16.09	16.10	16.08		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.05	16.11	15.96	17	0
15	QPSK	1	37	16.00	15.98	15.96		
15	QPSK	1	74	15.99	15.95	15.95		
15	QPSK	36	0	16.08	16.07	16.13	17	0
15	QPSK	36	20	16.18	16.14	16.13		
15	QPSK	36	39	16.19	16.10	16.05		
15	QPSK	75	0	16.12	16.09	16.09		
15	16QAM	1	0	16.33	16.39	16.23	17	0
15	16QAM	1	37	16.39	16.38	16.34		
15	16QAM	1	74	16.31	16.25	16.23		
15	16QAM	36	0	16.08	16.11	16.10	17	0
15	16QAM	36	20	16.19	16.16	16.15		
15	16QAM	36	39	16.19	16.08	16.05		
15	16QAM	75	0	16.09	16.12	16.13		
15	64QAM	1	0	16.23	16.29	16.10	17	0
15	64QAM	1	37	16.27	16.19	16.20		
15	64QAM	1	74	16.19	16.11	16.11		
15	64QAM	36	0	16.08	16.09	16.09	17	0
15	64QAM	36	20	16.18	16.16	16.13		
15	64QAM	36	39	16.18	16.08	16.05		
15	64QAM	75	0	16.10	16.11	16.09		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.20	16.45	16.34	17	0
10	QPSK	1	25	16.10	16.17	16.09		
10	QPSK	1	49	16.24	16.21	16.21		
10	QPSK	25	0	16.20	16.24	16.16	17	0
10	QPSK	25	12	16.16	16.19	16.10		
10	QPSK	25	25	16.17	16.16	16.11		
10	QPSK	50	0	16.17	16.23	16.12		
10	16QAM	1	0	16.47	16.46	16.44	17	0
10	16QAM	1	25	16.47	16.45	16.39		
10	16QAM	1	49	16.46	16.45	16.50		
10	16QAM	25	0	16.22	16.27	16.17	17	0
10	16QAM	25	12	16.16	16.18	16.12		
10	16QAM	25	25	16.18	16.16	16.09		
10	16QAM	50	0	16.20	16.19	16.14		
10	64QAM	1	0	16.44	16.45	16.41	17	0
10	64QAM	1	25	16.33	16.43	16.29		
10	64QAM	1	49	16.44	16.43	16.36		
10	64QAM	25	0	16.22	16.26	16.16	17	0
10	64QAM	25	12	16.14	16.18	16.08		
10	64QAM	25	25	16.15	16.16	16.09		
10	64QAM	50	0	16.19	16.17	16.13		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.22	16.28	16.19	17	0
5	QPSK	1	12	16.10	16.14	16.05		
5	QPSK	1	24	16.13	16.13	16.09		
5	QPSK	12	0	16.24	16.19	16.10	17	0
5	QPSK	12	7	16.18	16.19	16.12		
5	QPSK	12	13	16.21	16.19	16.11		
5	QPSK	25	0	16.18	16.20	16.12		
5	16QAM	1	0	16.50	16.45	16.46	17	0
5	16QAM	1	12	16.42	16.46	16.37		
5	16QAM	1	24	16.41	16.44	16.34		
5	16QAM	12	0	16.24	16.23	16.16	17	0
5	16QAM	12	7	16.18	16.20	16.16		
5	16QAM	12	13	16.23	16.21	16.12		
5	16QAM	25	0	16.18	16.23	16.12		
5	64QAM	1	0	16.36	16.44	16.33	17	0
5	64QAM	1	12	16.32	16.37	16.28		
5	64QAM	1	24	16.29	16.34	16.21		
5	64QAM	12	0	16.22	16.20	16.13	17	0
5	64QAM	12	7	16.16	16.18	16.13		
5	64QAM	12	13	16.21	16.19	16.11		
5	64QAM	25	0	16.18	16.23	16.12		

Band 38(only on channel required)

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)				2580	2595	2610		
20	QPSK	1	0	18.92	19.10	18.86	19.5	0
20	QPSK	1	49	18.97	18.93	19.04		
20	QPSK	1	99	18.94	18.92	18.93		
20	QPSK	50	0	18.92	19.00	18.89	19.5	0
20	QPSK	50	24	18.98	18.94	19.01		
20	QPSK	50	50	18.97	18.96	18.95		
20	QPSK	100	0	18.96	18.98	18.96		
20	16QAM	1	0	18.82	18.70	18.74	19.5	0
20	16QAM	1	49	18.88	18.88	18.88		
20	16QAM	1	99	18.94	18.79	18.92		
20	16QAM	50	0	18.77	18.69	18.71	19.5	0
20	16QAM	50	24	18.89	18.80	18.81		
20	16QAM	50	50	18.76	18.82	18.76		
20	16QAM	100	0	18.77	18.68	18.77		
20	64QAM	1	0	18.50	18.38	18.40	19.5	0
20	64QAM	1	49	18.55	18.53	18.55		
20	64QAM	1	99	18.56	18.51	18.55		
20	64QAM	50	0	18.70	18.64	18.61	19.5	0
20	64QAM	50	24	18.83	18.75	18.76		
20	64QAM	50	50	18.70	18.75	18.72		
20	64QAM	100	0	18.78	18.75	18.81		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.77	18.60	18.62	19.5	0
15	QPSK	1	37	18.54	18.46	18.60		
15	QPSK	1	74	18.86	18.73	18.74		
15	QPSK	36	0	18.72	18.69	18.72	19.5	0
15	QPSK	36	20	18.87	18.78	18.78		
15	QPSK	36	39	18.81	18.82	18.86		
15	QPSK	75	0	18.83	18.72	18.72		
15	16QAM	1	0	18.81	18.74	18.70	19.5	0
15	16QAM	1	37	18.97	18.85	18.86		
15	16QAM	1	74	18.95	18.79	18.86		
15	16QAM	36	0	18.70	18.65	18.70	19.5	0
15	16QAM	36	20	18.85	18.76	18.78		
15	16QAM	36	39	18.79	18.79	18.82		
15	16QAM	75	0	18.81	18.74	18.74		
15	64QAM	1	0	18.48	18.42	18.42	19.5	0
15	64QAM	1	37	18.69	18.54	18.57		
15	64QAM	1	74	18.59	18.52	18.54		
15	64QAM	36	0	18.75	18.69	18.75	19.5	0
15	64QAM	36	20	18.87	18.80	18.77		
15	64QAM	36	39	18.80	18.86	18.86		
15	64QAM	75	0	18.81	18.72	18.74		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.08	18.89	18.83	19.5	0
10	QPSK	1	25	18.95	18.81	18.79		
10	QPSK	1	49	19.08	19.01	18.99		
10	QPSK	25	0	19.01	18.81	18.69	19.5	0
10	QPSK	25	12	18.86	18.80	18.77		
10	QPSK	25	25	19.03	18.81	18.83		
10	QPSK	50	0	19.00	18.81	18.80		
10	16QAM	1	0	19.09	18.99	18.89	19.5	0
10	16QAM	1	25	19.05	18.89	18.87		
10	16QAM	1	49	19.05	19.07	19.07		
10	16QAM	25	0	19.04	18.89	18.75	19.5	0
10	16QAM	25	12	18.94	18.84	18.82		
10	16QAM	25	25	19.00	18.87	18.83		
10	16QAM	50	0	19.00	18.85	18.83		
10	64QAM	1	0	18.85	18.74	18.66	19.5	0
10	64QAM	1	25	18.68	18.54	18.56		
10	64QAM	1	49	18.89	18.74	18.72		
10	64QAM	25	0	18.95	18.81	18.68	19.5	0
10	64QAM	25	12	18.90	18.81	18.77		
10	64QAM	25	25	18.98	18.80	18.76		
10	64QAM	50	0	18.90	18.80	18.75		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.03	18.97	18.85	19.5	0
5	QPSK	1	12	18.91	18.97	18.65		
5	QPSK	1	24	18.88	18.78	18.65		
5	QPSK	12	0	19.05	18.82	18.79	19.5	0
5	QPSK	12	7	18.99	18.81	18.76		
5	QPSK	12	13	18.91	18.82	18.79		
5	QPSK	25	0	19.04	18.86	18.80		
5	16QAM	1	0	19.05	18.95	18.93	19.5	0
5	16QAM	1	12	19.02	19.09	18.96		
5	16QAM	1	24	19.02	18.85	18.84		
5	16QAM	12	0	18.99	18.86	18.77	19.5	0
5	16QAM	12	7	19.01	18.78	18.74		
5	16QAM	12	13	18.92	18.76	18.71		
5	16QAM	25	0	19.05	18.88	18.79		
5	64QAM	1	0	18.88	18.72	18.67	19.5	0
5	64QAM	1	12	18.85	18.72	18.66		
5	64QAM	1	24	18.75	18.60	18.55		
5	64QAM	12	0	18.94	18.86	18.76	19.5	0
5	64QAM	12	7	19.01	18.79	18.72		
5	64QAM	12	13	18.88	18.78	18.73		
5	64QAM	25	0	18.99	18.81	18.76		

Band 41 (2.6G Band)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	18.94	19.00	19.15	18.71	19.5	0
20	QPSK	1	49	19.06	19.11	18.99	18.92		
20	QPSK	1	99	18.96	18.99	18.97	18.95		
20	QPSK	50	0	19.03	19.01	19.10	18.87	19.5	0
20	QPSK	50	24	19.02	19.05	18.97	18.89		
20	QPSK	50	50	18.92	18.89	18.74	18.73		
20	QPSK	100	0	18.80	18.80	18.85	18.75		
20	16QAM	1	0	18.86	18.87	18.73	18.68	19.5	0
20	16QAM	1	49	19.01	19.09	18.89	18.87		
20	16QAM	1	99	18.71	18.76	18.70	18.72		
20	16QAM	50	0	18.84	18.80	18.70	18.67	19.5	0
20	16QAM	50	24	18.89	18.91	18.81	18.71		
20	16QAM	50	50	18.75	18.72	18.57	18.57		
20	16QAM	100	0	18.78	18.82	18.67	18.60		
20	64QAM	1	0	18.48	18.54	18.47	18.33	19.5	0
20	64QAM	1	49	18.58	18.69	18.56	18.50		
20	64QAM	1	99	18.38	18.32	18.35	18.39		
20	64QAM	50	0	18.81	18.75	18.64	18.63	19.5	0
20	64QAM	50	24	18.83	18.89	18.79	18.64		
20	64QAM	50	50	18.71	18.71	18.53	18.54		
20	64QAM	100	0	18.82	18.85	18.74	18.65		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	18.53	18.52	18.26	18.36	19.5	0
15	QPSK	1	37	18.54	18.50	18.33	18.33		
15	QPSK	1	74	18.29	18.32	18.13	18.06		
15	QPSK	36	0	18.90	18.90	18.71	18.72	19.5	0
15	QPSK	36	20	18.94	18.96	18.80	18.76		
15	QPSK	36	39	19.00	19.02	18.85	18.86		
15	QPSK	75	0	18.95	18.90	18.78	18.72		
15	16QAM	1	0	18.65	18.58	18.41	18.45	19.5	0
15	16QAM	1	37	18.63	18.65	18.61	18.61		
15	16QAM	1	74	18.52	18.50	18.54	18.52		
15	16QAM	36	0	18.87	18.85	18.72	18.70	19.5	0
15	16QAM	36	20	18.92	18.94	18.77	18.72		
15	16QAM	36	39	18.98	18.99	18.81	18.79		
15	16QAM	75	0	18.96	18.94	18.78	18.72		
15	64QAM	1	0	18.22	18.28	18.18	18.17	19.5	0
15	64QAM	1	37	18.60	18.65	18.46	18.42		
15	64QAM	1	74	18.19	18.18	18.18	18.18		
15	64QAM	36	0	18.90	18.84	18.75	18.71	19.5	0
15	64QAM	36	20	18.94	18.99	18.78	18.78		
15	64QAM	36	39	19.00	19.03	18.82	18.82		
15	64QAM	75	0	18.98	18.93	18.77	18.69		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	19.01	18.95	18.85	18.70	19.5	0
10	QPSK	1	25	19.00	18.93	18.90	18.84		
10	QPSK	1	49	18.90	18.88	18.69	18.70		
10	QPSK	25	0	18.87	18.91	18.85	18.77	19.5	0
10	QPSK	25	12	18.92	18.90	18.87	18.85		
10	QPSK	25	25	18.82	18.94	18.80	18.73		
10	QPSK	50	0	18.90	18.85	18.84	18.78		
10	16QAM	1	0	19.00	19.00	18.89	18.86	19.5	0
10	16QAM	1	25	19.02	18.99	18.96	18.86		
10	16QAM	1	49	18.99	18.98	18.79	18.76		
10	16QAM	25	0	18.96	18.93	18.89	18.75	19.5	0
10	16QAM	25	12	18.99	18.96	18.94	18.82		
10	16QAM	25	25	18.87	18.96	18.82	18.75		
10	16QAM	50	0	18.92	18.91	18.83	18.80		
10	64QAM	1	0	18.59	18.65	18.56	18.48	19.5	0
10	64QAM	1	25	18.63	18.64	18.59	18.54		
10	64QAM	1	49	18.63	18.64	18.43	18.46		
10	64QAM	25	0	18.87	18.89	18.86	18.71	19.5	0
10	64QAM	25	12	18.93	18.85	18.84	18.80		
10	64QAM	25	25	18.81	18.94	18.76	18.72		
10	64QAM	50	0	18.81	18.85	18.79	18.71		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	19.05	19.00	19.00	18.63	19.5	0
5	QPSK	1	12	19.05	19.05	18.91	18.96		
5	QPSK	1	24	18.91	18.91	18.81	18.74		
5	QPSK	12	0	18.90	18.99	18.90	18.80	19.5	0
5	QPSK	12	7	18.92	19.01	18.80	18.76		
5	QPSK	12	13	18.90	18.93	18.86	18.79		
5	QPSK	25	0	18.93	19.00	18.83	18.81		
5	16QAM	1	0	19.07	19.10	18.96	18.95	19.5	0
5	16QAM	1	12	19.02	19.01	18.96	19.04		
5	16QAM	1	24	19.02	19.09	18.97	18.84		
5	16QAM	12	0	18.91	18.92	18.86	18.79	19.5	0
5	16QAM	12	7	18.87	18.96	18.80	18.78		
5	16QAM	12	13	18.86	18.87	18.82	18.75		
5	16QAM	25	0	18.98	19.06	18.84	18.83		
5	64QAM	1	0	18.78	18.81	18.70	18.66	19.5	0
5	64QAM	1	12	18.86	18.93	18.68	18.67		
5	64QAM	1	24	18.71	18.73	18.66	18.56		
5	64QAM	12	0	18.88	18.93	18.83	18.78	19.5	0
5	64QAM	12	7	18.88	18.99	18.77	18.78		
5	64QAM	12	13	18.85	18.86	18.82	18.74		
5	64QAM	25	0	18.82	18.98	18.77	18.79		

Reduced Power Mode for Handheld On

Band		WCDMA II			Tune-up Limit (dBm)
TX Channel		9262	9400	9538	
Rx Channel		9662	9800	9938	
Frequency (MHz)		1852.4	1880	1907.6	
3GPP Rel 99	AMR 12.2Kbps	19.85	19.97	19.95	21.00
3GPP Rel 99	RMC 12.2Kbps	19.86	19.99	19.97	21.00
3GPP Rel 6	HSDPA Subtest-1	18.50	18.56	18.69	20.00
3GPP Rel 6	HSDPA Subtest-2	18.47	18.56	18.67	20.00
3GPP Rel 6	HSDPA Subtest-3	18.00	18.04	18.19	19.50
3GPP Rel 6	HSDPA Subtest-4	17.93	18.04	18.17	19.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.45	18.51	18.55	20.00
3GPP Rel 8	DC-HSDPA Subtest-2	18.49	18.45	18.54	20.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.00	18.01	18.02	19.50
3GPP Rel 8	DC-HSDPA Subtest-4	17.98	17.85	18.01	19.50
3GPP Rel 6	HSUPA Subtest-1	18.48	18.57	18.70	20.00
3GPP Rel 6	HSUPA Subtest-2	16.48	16.57	16.65	18.00
3GPP Rel 6	HSUPA Subtest-3	17.47	17.55	17.70	19.00
3GPP Rel 6	HSUPA Subtest-4	16.49	16.51	16.68	18.00
3GPP Rel 6	HSUPA Subtest-5	18.50	18.60	18.70	20.00

Band 2 (1900MHz Band) Part 24E								
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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.27	22.55	22.06	23	0
20	QPSK	1	49	22.47	22.49	22.53		
20	QPSK	1	99	22.54	22.50	22.26		
20	QPSK	50	0	22.35	22.50	22.49	23	0
20	QPSK	50	24	22.25	22.32	22.43		
20	QPSK	50	50	22.30	22.36	22.34		
20	QPSK	100	0	22.34	22.36	22.47		
20	16QAM	1	0	22.30	22.43	22.40	23	0
20	16QAM	1	49	22.48	22.46	22.44		
20	16QAM	1	99	22.48	22.48	22.47		
20	16QAM	50	0	21.32	21.36	21.52	22	1
20	16QAM	50	24	21.28	21.33	21.44		
20	16QAM	50	50	21.31	21.37	21.49		
20	16QAM	100	0	21.33	21.36	21.47		
20	64QAM	1	0	21.49	21.46	21.31	22	1
20	64QAM	1	49	21.30	21.37	21.36		
20	64QAM	1	99	21.49	21.41	21.48		
20	64QAM	50	0	20.30	20.34	20.49	21	2
20	64QAM	50	24	20.26	20.30	20.41		
20	64QAM	50	50	20.31	20.37	20.49		
20	64QAM	100	0	20.34	20.38	20.47		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.20	22.21	22.19	23	0
15	QPSK	1	37	22.43	22.53	22.67		
15	QPSK	1	74	22.64	22.68	22.65		
15	QPSK	36	0	22.27	22.31	22.46	23	0
15	QPSK	36	20	22.22	22.31	22.47		
15	QPSK	36	39	22.29	22.37	22.47		
15	QPSK	75	0	22.27	22.32	22.50		
15	16QAM	1	0	22.45	22.51	22.49	23	0
15	16QAM	1	37	22.50	22.58	22.61		
15	16QAM	1	74	22.77	22.51	22.74		
15	16QAM	36	0	21.28	21.34	21.45	22	1
15	16QAM	36	20	21.24	21.29	21.47		
15	16QAM	36	39	21.27	21.35	21.46		
15	16QAM	75	0	21.26	21.34	21.51		
15	64QAM	1	0	21.68	21.82	21.85	22	1
15	64QAM	1	37	21.36	21.38	21.46		
15	64QAM	1	74	21.67	21.76	21.70		
15	64QAM	36	0	20.26	20.33	20.43	21	2
15	64QAM	36	20	20.24	20.27	20.47		
15	64QAM	36	39	20.25	20.35	20.46		
15	64QAM	75	0	20.25	20.34	20.51		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.80	22.90	22.60	23	0
10	QPSK	1	25	22.46	22.60	22.76		
10	QPSK	1	49	22.78	22.94	22.90		
10	QPSK	25	0	22.25	22.35	22.55	23	0
10	QPSK	25	12	22.20	22.31	22.52		
10	QPSK	25	25	22.25	22.39	22.49		
10	QPSK	50	0	22.25	22.36	22.52		
10	16QAM	1	0	22.72	22.81	22.90	23	0
10	16QAM	1	25	22.44	22.54	22.70		
10	16QAM	1	49	22.66	22.82	22.79		
10	16QAM	25	0	21.29	21.38	21.57	22	1
10	16QAM	25	12	21.22	21.33	21.48		
10	16QAM	25	25	21.23	21.37	21.50		
10	16QAM	50	0	21.29	21.37	21.58		
10	64QAM	1	0	21.62	21.74	21.80	22	1
10	64QAM	1	25	21.36	21.44	21.59		
10	64QAM	1	49	21.57	21.75	21.71		
10	64QAM	25	0	20.25	20.35	20.57	21	2
10	64QAM	25	12	20.24	20.33	20.48		
10	64QAM	25	25	20.25	20.35	20.46		
10	64QAM	50	0	20.22	20.34	20.52		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.09	22.19	22.15	23	0
5	QPSK	1	12	22.40	22.50	22.55		
5	QPSK	1	24	22.43	22.55	22.56		
5	QPSK	12	0	22.21	22.31	22.46	23	0
5	QPSK	12	7	22.18	22.28	22.44		
5	QPSK	12	13	22.14	22.26	22.40		
5	QPSK	25	0	22.20	22.31	22.45		
5	16QAM	1	0	22.54	22.65	22.86	23	0
5	16QAM	1	12	22.37	22.50	22.60		
5	16QAM	1	24	22.41	22.54	22.62		
5	16QAM	12	0	21.23	21.38	21.53	22	1
5	16QAM	12	7	21.21	21.31	21.44		
5	16QAM	12	13	21.19	21.30	21.42		
5	16QAM	25	0	21.18	21.31	21.44		
5	64QAM	1	0	21.46	21.56	21.59	22	1
5	64QAM	1	12	21.20	21.38	21.49		
5	64QAM	1	24	21.30	21.42	21.49		
5	64QAM	12	0	20.24	20.33	20.49	21	2
5	64QAM	12	7	20.19	20.30	20.43		
5	64QAM	12	13	20.16	20.28	20.44		
5	64QAM	25	0	20.17	20.34	20.47		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.48	22.42	22.40	23	0
3	QPSK	1	8	22.49	22.58	22.56		
3	QPSK	1	14	22.46	22.56	22.50		
3	QPSK	8	0	22.19	22.31	22.46	23	0
3	QPSK	8	4	22.21	22.32	22.43		
3	QPSK	8	7	22.16	22.26	22.42		
3	QPSK	15	0	22.15	22.29	22.43		
3	16QAM	1	0	22.57	22.65	22.90	23	0
3	16QAM	1	8	22.45	22.60	22.71		
3	16QAM	1	14	22.42	22.57	22.65		
3	16QAM	8	0	21.23	21.39	21.47	22	1
3	16QAM	8	4	21.26	21.38	21.49		
3	16QAM	8	7	21.20	21.33	21.42		
3	16QAM	15	0	21.18	21.33	21.45		
3	64QAM	1	0	21.40	21.48	21.60	22	1
3	64QAM	1	8	21.38	21.50	21.57		
3	64QAM	1	14	21.30	21.45	21.55		
3	64QAM	8	0	20.23	20.35	20.47	21	2
3	64QAM	8	4	20.20	20.34	20.47		
3	64QAM	8	7	20.16	20.29	20.43		
3	64QAM	15	0	20.14	20.30	20.44		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.60	22.50	22.40	23	0
1.4	QPSK	1	3	22.47	22.64	22.73		
1.4	QPSK	1	5	22.41	22.57	22.63		
1.4	QPSK	3	0	22.44	22.59	22.66		
1.4	QPSK	3	1	22.47	22.61	22.73		
1.4	QPSK	3	3	22.44	22.56	22.73		
1.4	QPSK	6	0	22.09	22.25	22.36	23	0
1.4	16QAM	1	0	22.54	22.58	22.78	23	0
1.4	16QAM	1	3	22.45	22.59	22.78		
1.4	16QAM	1	5	22.42	22.50	22.62		
1.4	16QAM	3	0	22.20	22.32	22.40		
1.4	16QAM	3	1	22.22	22.33	22.41		
1.4	16QAM	3	3	22.17	22.31	22.34		
1.4	16QAM	6	0	21.21	21.33	21.52	22	1
1.4	64QAM	1	0	21.27	21.40	21.58	22	1
1.4	64QAM	1	3	21.30	21.44	21.58		
1.4	64QAM	1	5	21.21	21.32	21.48		
1.4	64QAM	3	0	21.22	21.34	21.40		
1.4	64QAM	3	1	21.24	21.36	21.44		
1.4	64QAM	3	3	21.15	21.29	21.34		
1.4	64QAM	6	0	20.12	20.27	20.40	21	2

Band 7 (2600MHz Band) Part 27								
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		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	20.77	21.00	20.75	21.5	0
20	QPSK	1	49	20.87	20.86	20.87		
20	QPSK	1	99	20.70	20.77	20.65		
20	QPSK	50	0	20.86	20.94	20.76	21.5	0
20	QPSK	50	24	20.90	20.90	20.87		
20	QPSK	50	50	20.90	20.82	20.77		
20	QPSK	100	0	20.83	20.88	20.86		
20	16QAM	1	0	20.77	20.78	20.69	21.5	0
20	16QAM	1	49	20.88	20.90	20.86		
20	16QAM	1	99	20.65	20.72	20.62		
20	16QAM	50	0	20.58	20.60	20.48	21.5	0
20	16QAM	50	24	20.63	20.60	20.58		
20	16QAM	50	50	20.62	20.52	20.50		
20	16QAM	100	0	20.54	20.52	20.53		
20	64QAM	1	0	20.64	20.71	20.57	21.5	0
20	64QAM	1	49	20.75	20.73	20.73		
20	64QAM	1	99	20.54	20.58	20.49		
20	64QAM	50	0	20.56	20.59	20.48	21	0.5
20	64QAM	50	24	20.61	20.58	20.58		
20	64QAM	50	50	20.63	20.50	20.48		
20	64QAM	100	0	20.54	20.53	20.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.49	20.50	20.41	21.5	0
15	QPSK	1	37	20.57	20.50	20.47		
15	QPSK	1	74	20.41	20.37	20.37		
15	QPSK	36	0	20.52	20.52	20.55	21.5	0
15	QPSK	36	20	20.64	20.58	20.57		
15	QPSK	36	39	20.62	20.56	20.51		
15	QPSK	75	0	20.55	20.59	20.54		
15	16QAM	1	0	20.75	20.79	20.64	21.5	0
15	16QAM	1	37	20.79	20.79	20.75		
15	16QAM	1	74	20.69	20.66	20.63		
15	16QAM	36	0	20.51	20.57	20.55	21.5	0
15	16QAM	36	20	20.60	20.61	20.59		
15	16QAM	36	39	20.60	20.55	20.50		
15	16QAM	75	0	20.57	20.59	20.54		
15	64QAM	1	0	20.65	20.67	20.57	21.5	0
15	64QAM	1	37	20.65	20.58	20.57		
15	64QAM	1	74	20.55	20.54	20.48		
15	64QAM	36	0	20.51	20.56	20.54	21	0.5
15	64QAM	36	20	20.59	20.62	20.59		
15	64QAM	36	39	20.59	20.54	20.47		
15	64QAM	75	0	20.56	20.59	20.55		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.43	20.49	20.44	21.5	0
10	QPSK	1	25	20.63	20.62	20.57		
10	QPSK	1	49	20.67	20.70	20.64		
10	QPSK	25	0	20.64	20.71	20.63	21.5	0
10	QPSK	25	12	20.63	20.61	20.56		
10	QPSK	25	25	20.61	20.61	20.55		
10	QPSK	50	0	20.61	20.67	20.58		
10	16QAM	1	0	20.91	20.95	20.93	21.5	0
10	16QAM	1	25	20.89	20.93	20.83		
10	16QAM	1	49	20.93	20.98	20.92		
10	16QAM	25	0	20.67	20.72	20.64	21.5	0
10	16QAM	25	12	20.59	20.65	20.57		
10	16QAM	25	25	20.61	20.62	20.54		
10	16QAM	50	0	20.66	20.69	20.58		
10	64QAM	1	0	20.94	20.91	20.93	21.5	0
10	64QAM	1	25	20.82	20.80	20.73		
10	64QAM	1	49	20.83	20.85	20.80		
10	64QAM	25	0	20.68	20.69	20.64	21	0.5
10	64QAM	25	12	20.58	20.62	20.56		
10	64QAM	25	25	20.61	20.61	20.52		
10	64QAM	50	0	20.64	20.67	20.58		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.69	20.76	20.62	21.5	0
5	QPSK	1	12	20.58	20.63	20.52		
5	QPSK	1	24	20.60	20.61	20.53		
5	QPSK	12	0	20.68	20.65	20.55	21.5	0
5	QPSK	12	7	20.60	20.64	20.58		
5	QPSK	12	13	20.67	20.64	20.55		
5	QPSK	25	0	20.63	20.68	20.57		
5	16QAM	1	0	20.93	20.98	20.87	21.5	0
5	16QAM	1	12	20.84	20.85	20.78		
5	16QAM	1	24	20.85	20.88	20.78		
5	16QAM	12	0	20.71	20.68	20.59	21.5	0
5	16QAM	12	7	20.64	20.67	20.56		
5	16QAM	12	13	20.65	20.68	20.57		
5	16QAM	25	0	20.63	20.69	20.57		
5	64QAM	1	0	20.80	20.87	20.74	21.5	0
5	64QAM	1	12	20.74	20.83	20.71		
5	64QAM	1	24	20.72	20.76	20.67		
5	64QAM	12	0	20.69	20.65	20.56	21	0.5
5	64QAM	12	7	20.62	20.65	20.53		
5	64QAM	12	13	20.63	20.64	20.55		
5	64QAM	25	0	20.64	20.69	20.57		

Band 38(only on channel required)

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)				2580	2595	2610		
20	QPSK	1	0	21.72	21.84	21.69	22.5	0
20	QPSK	1	49	21.77	21.74	21.72		
20	QPSK	1	99	21.77	21.69	21.77		
20	QPSK	50	0	21.74	21.69	21.69	22.5	0
20	QPSK	50	24	21.77	21.75	21.68		
20	QPSK	50	50	21.76	21.72	21.68		
20	QPSK	100	0	21.75	21.77	21.75		
20	16QAM	1	0	21.72	21.67	21.80	22.5	0
20	16QAM	1	49	21.75	21.72	21.82		
20	16QAM	1	99	21.63	21.65	21.67		
20	16QAM	50	0	20.79	20.74	20.80	22	0.5
20	16QAM	50	24	20.84	20.81	20.86		
20	16QAM	50	50	20.77	20.84	20.88		
20	16QAM	100	0	20.71	20.77	20.85		
20	64QAM	1	0	20.69	20.66	20.75	22	0.5
20	64QAM	1	49	20.75	20.70	20.79		
20	64QAM	1	99	20.81	20.87	20.90		
20	64QAM	50	0	19.96	19.93	19.97	21	1.5
20	64QAM	50	24	20.00	19.95	20.02		
20	64QAM	50	50	19.95	20.01	20.04		
20	64QAM	100	0	19.97	20.02	20.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.42	21.37	21.33	22.5	0
15	QPSK	1	37	21.57	21.50	21.50		
15	QPSK	1	74	21.54	21.49	21.51		
15	QPSK	36	0	21.43	21.42	21.45	22.5	0
15	QPSK	36	20	21.58	21.50	21.51		
15	QPSK	36	39	21.49	21.52	21.53		
15	QPSK	75	0	21.52	21.44	21.44		
15	16QAM	1	0	21.57	21.52	21.50	22.5	0
15	16QAM	1	37	21.77	21.72	21.59		
15	16QAM	1	74	21.69	21.66	21.66		
15	16QAM	36	0	20.62	20.58	20.65	22	0.5
15	16QAM	36	20	20.68	20.67	20.68		
15	16QAM	36	39	20.73	20.73	20.77		
15	16QAM	75	0	20.70	20.67	20.68		
15	64QAM	1	0	20.45	20.41	20.37	22	0.5
15	64QAM	1	37	20.69	20.65	20.53		
15	64QAM	1	74	20.56	20.57	20.53		
15	64QAM	36	0	20.09	20.05	20.13	21	1.5
15	64QAM	36	20	20.16	20.14	20.14		
15	64QAM	36	39	20.19	20.19	20.11		
15	64QAM	75	0	20.12	20.10	20.11		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.81	21.63	21.54	22.5	0
10	QPSK	1	25	21.66	21.55	21.51		
10	QPSK	1	49	21.83	21.71	21.69		
10	QPSK	25	0	21.68	21.53	21.41	22.5	0
10	QPSK	25	12	21.61	21.51	21.51		
10	QPSK	25	25	21.69	21.56	21.53		
10	QPSK	50	0	21.64	21.52	21.51		
10	16QAM	1	0	21.68	21.73	21.70	22.5	0
10	16QAM	1	25	21.71	21.65	21.61		
10	16QAM	1	49	21.68	21.70	21.73		
10	16QAM	25	0	20.73	20.59	20.65	22	0.5
10	16QAM	25	12	20.67	20.75	20.70		
10	16QAM	25	25	20.67	20.77	20.72		
10	16QAM	50	0	20.59	20.57	20.75		
10	64QAM	1	0	20.74	20.62	20.56	22	0.5
10	64QAM	1	25	20.56	20.50	20.46		
10	64QAM	1	49	20.77	20.74	20.63		
10	64QAM	25	0	20.07	20.17	20.04	21	1.5
10	64QAM	25	12	20.02	20.12	20.09		
10	64QAM	25	25	20.11	20.16	20.15		
10	64QAM	50	0	20.02	20.16	20.11		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.78	21.63	21.59	22.5	0
5	QPSK	1	12	21.76	21.75	21.49		
5	QPSK	1	24	21.57	21.51	21.42		
5	QPSK	12	0	21.68	21.53	21.48	22.5	0
5	QPSK	12	7	21.67	21.52	21.46		
5	QPSK	12	13	21.59	21.50	21.42		
5	QPSK	25	0	21.68	21.53	21.47		
5	16QAM	1	0	21.73	21.73	21.70	22.5	0
5	16QAM	1	12	21.81	21.83	21.80		
5	16QAM	1	24	21.71	21.62	21.57		
5	16QAM	12	0	20.87	20.76	20.70	22	0.5
5	16QAM	12	7	20.84	20.72	20.65		
5	16QAM	12	13	20.77	20.69	20.64		
5	16QAM	25	0	20.94	20.79	20.69		
5	64QAM	1	0	20.70	20.66	20.62	22	0.5
5	64QAM	1	12	20.76	20.61	20.66		
5	64QAM	1	24	20.65	20.57	20.45		
5	64QAM	12	0	20.14	20.20	20.12	21	1.5
5	64QAM	12	7	20.11	20.15	20.08		
5	64QAM	12	13	20.19	20.12	20.07		
5	64QAM	25	0	20.11	20.17	20.08		

Band 41 (2.6G Band)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Low Ch. / Freq.	Power Middle High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40140	40400	40670	41140		
Frequency (MHz)				2545	2571	2598	2645		
20	QPSK	1	0	21.60	21.73	21.85	21.50	22.5	0
20	QPSK	1	49	21.83	21.77	21.82	21.66		
20	QPSK	1	99	21.78	21.80	21.72	21.65		
20	QPSK	50	0	21.78	21.77	21.80	21.65	22.5	0
20	QPSK	50	24	21.79	21.78	21.78	21.68		
20	QPSK	50	50	21.65	21.67	21.57	21.50		
20	QPSK	100	0	21.70	21.74	21.78	21.55		
20	16QAM	1	0	21.74	21.77	21.82	21.80	22.5	0
20	16QAM	1	49	21.80	21.82	21.83	21.82		
20	16QAM	1	99	21.66	21.67	21.67	21.76		
20	16QAM	50	0	20.70	20.77	20.79	20.82	22	0.5
20	16QAM	50	24	20.75	20.83	20.87	20.83		
20	16QAM	50	50	20.79	20.84	20.88	20.84		
20	16QAM	100	0	20.83	20.88	20.89	20.88		
20	64QAM	1	0	20.76	20.79	20.81	20.81	22	0.5
20	64QAM	1	49	20.76	20.78	20.81	20.80		
20	64QAM	1	99	20.89	20.90	20.96	20.91		
20	64QAM	50	0	19.97	20.02	20.06	20.06	21	1.5
20	64QAM	50	24	20.01	20.07	20.12	20.09		
20	64QAM	50	50	20.03	20.11	20.11	20.08		
20	64QAM	100	0	20.05	20.09	20.08	20.09		
Channel				40115	40395	40685	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2542.5	2570.5	2599.5	2647.5		
15	QPSK	1	0	21.09	21.15	21.03	20.98	22.5	0
15	QPSK	1	37	21.40	21.30	21.19	21.10		
15	QPSK	1	74	21.39	21.39	21.27	21.12		
15	QPSK	36	0	21.52	21.57	21.45	21.35	22.5	0
15	QPSK	36	20	21.58	21.62	21.50	21.39		
15	QPSK	36	39	21.66	21.66	21.52	21.40		
15	QPSK	75	0	21.61	21.60	21.44	21.37		
15	16QAM	1	0	21.36	21.31	21.25	21.21	22.5	0
15	16QAM	1	37	21.65	21.70	21.49	21.56		
15	16QAM	1	74	21.53	21.54	21.39	21.31		
15	16QAM	36	0	20.72	20.75	20.61	20.57	22	0.5
15	16QAM	36	20	20.77	20.86	20.68	20.61		
15	16QAM	36	39	20.81	20.86	20.70	20.64		
15	16QAM	75	0	20.84	20.83	20.69	20.55		
15	64QAM	1	0	20.06	20.05	20.06	20.00	22	0.5
15	64QAM	1	37	20.40	20.41	20.28	20.33		
15	64QAM	1	74	20.19	20.22	20.05	20.01		
15	64QAM	36	0	20.26	20.21	20.17	20.13	21	1.5
15	64QAM	36	20	20.24	20.23	20.28	20.16		
15	64QAM	36	39	20.28	20.21	20.29	20.18		
15	64QAM	75	0	20.25	20.16	20.25	20.08		
Channel				40090	40390	40690	41190	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2540	2570	2600	2650		
10	QPSK	1	0	21.52	21.62	21.49	21.32	22.5	0
10	QPSK	1	25	21.63	21.61	21.60	21.47		
10	QPSK	1	49	21.61	21.54	21.41	21.36		
10	QPSK	25	0	21.51	21.56	21.56	21.38	22.5	0
10	QPSK	25	12	21.58	21.57	21.58	21.43		
10	QPSK	25	25	21.46	21.60	21.46	21.37		
10	QPSK	50	0	21.51	21.54	21.50	21.37		
10	16QAM	1	0	21.57	21.70	21.63	21.52	22.5	0
10	16QAM	1	25	21.65	21.71	21.68	21.57		
10	16QAM	1	49	21.62	21.63	21.49	21.36		
10	16QAM	25	0	20.77	20.82	20.79	20.60	22	0.5
10	16QAM	25	12	20.79	20.83	20.80	20.65		
10	16QAM	25	25	20.74	20.83	20.72	20.56		
10	16QAM	50	0	20.73	20.76	20.74	20.62		
10	64QAM	1	0	20.28	20.37	20.27	20.18	22	0.5
10	64QAM	1	25	20.35	20.30	20.34	20.20		
10	64QAM	1	49	20.31	20.32	20.22	20.16		
10	64QAM	25	0	20.22	20.28	20.27	20.06	21	1.5
10	64QAM	25	12	20.24	20.31	20.28	20.12		
10	64QAM	25	25	20.18	20.32	20.19	20.07		
10	64QAM	50	0	20.21	20.23	20.26	20.08		
Channel				40065	40385	40705	41215	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2569.5	2601.5	2652.5		
5	QPSK	1	0	21.63	21.64	21.61	21.48	22.5	0
5	QPSK	1	12	21.71	21.77	21.48	21.56		
5	QPSK	1	24	21.48	21.59	21.52	21.40		
5	QPSK	12	0	21.48	21.60	21.56	21.44	22.5	0
5	QPSK	12	7	21.50	21.63	21.47	21.40		
5	QPSK	12	13	21.48	21.58	21.51	21.38		
5	QPSK	25	0	21.52	21.65	21.49	21.42		
5	16QAM	1	0	21.79	21.78	21.75	21.75	22.5	0
5	16QAM	1	12	21.78	21.79	21.82	21.80		
5	16QAM	1	24	21.73	21.78	21.72	21.60		
5	16QAM	12	0	20.72	20.84	20.76	20.64	22	0.5
5	16QAM	12	7	20.69	20.80	20.69	20.62		
5	16QAM	12	13	20.70	20.74	20.70	20.56		
5	16QAM	25	0	20.76	20.88	20.76	20.63		
5	64QAM	1	0	20.43	20.51	20.49	20.41	22	0.5
5	64QAM	1	12	20.33	20.51	20.42	20.26		
5	64QAM	1	24	20.41	20.44	20.40	20.30		
5	64QAM	12	0	20.20	20.32	20.29	20.15	21	1.5
5	64QAM	12	7	20.20	20.35	20.20	20.14		
5	64QAM	12	13	20.20	20.28	20.23	20.08		
5	64QAM	25	0	20.23	20.40	20.22	20.11		

2.4GHz WLAN	Ant 1 Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.08	19.50	100.00
		6	2437	18.16	19.50	
		11	2462	18.18	19.50	
	802.11g 6Mbps	1	2412	17.90	19.00	98.28
		6	2437	17.91	19.00	
		11	2462	17.92	19.00	
	802.11n-HT20 MCS0	1	2412	17.00	18.50	98.16
		6	2437	16.96	18.50	
		11	2462	16.98	18.50	

5GHz WLAN	Ant 1 Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	17.90	19.00	98.28
		40	5200	18.01	19.00	
		44	5220	17.83	19.00	
		48	5240	17.36	19.00	
	802.11n-HT20 MCS0	36	5180	16.90	17.50	98.16
		40	5200	16.87	17.50	
		44	5220	16.73	17.50	
		48	5240	16.20	17.50	
	802.11n-HT40 MCS0	38	5190	16.08	17.50	96.32
		46	5230	15.66	17.50	
	802.11ac-VHT20 MCS0	36	5180	16.91	17.50	98.16
		40	5200	16.73	17.50	
		44	5220	16.84	17.50	
		48	5240	16.59	17.50	
	802.11ac-VHT40 MCS0	38	5190	16.96	17.50	96.35
		46	5230	16.64	17.50	
	802.11ac-VHT80 MCS0	42	5210	16.18	17.50	93.30

5GHz WLAN	Ant 1 Sensor					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	16.41	17.00	98.28
		40	5200	16.47	17.00	
		44	5220	16.40	17.00	
		48	5240	16.37	17.00	
	802.11n-HT20 MCS0	36	5180	Not Required	17.00	98.16
		40	5200		17.00	
		44	5220		17.00	
		48	5240		17.00	
	802.11n-HT40 MCS0	38	5190		17.00	96.32
		46	5230		17.00	
	802.11ac-VHT20 MCS0	36	5180		17.00	98.16
		40	5200		17.00	
		44	5220		17.00	
		48	5240		17.00	
	802.11ac-VHT40 MCS0	38	5190		17.00	96.35
		46	5230		17.00	
	802.11ac-VHT80 MCS0	42	5210		17.00	93.30

5GHz WLAN	Ant 1 Hotspot					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.87	17.00	98.28
		40	5200	15.94	17.00	
		44	5220	15.83	17.00	
		48	5240	15.82	17.00	
	802.11n-HT20 MCS0	36	5180	Not Required	17.00	98.16
		40	5200		17.00	
		44	5220		17.00	
		48	5240		17.00	
	802.11n-HT40 MCS0	38	5190		17.00	96.32
		46	5230		17.00	
	802.11ac-VHT20 MCS0	36	5180		17.00	98.16
		40	5200		17.00	
		44	5220		17.00	
		48	5240		17.00	
	802.11ac-VHT40 MCS0	38	5190		17.00	96.35
		46	5230		17.00	
	802.11ac-VHT80 MCS0	42	5210		17.00	93.30

5GHz WLAN	Ant 1 Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	17.86	19.00	98.28
		56	5280	17.97	19.00	
		60	5300	17.80	19.00	
		64	5320	17.35	19.00	
	802.11n-HT20 MCS0	52	5260	16.89	17.50	98.16
		56	5280	16.91	17.50	
		60	5300	16.89	17.50	
		64	5320	16.40	17.50	
	802.11n-HT40 MCS0	54	5270	15.86	17.50	96.32
		62	5310	15.58	17.50	
	802.11ac-VHT20 MCS0	52	5260	16.94	17.50	98.16
		56	5280	16.91	17.50	
		60	5300	16.90	17.50	
		64	5320	16.88	17.50	
	802.11ac-VHT40 MCS0	54	5270	16.88	17.50	96.35
		62	5310	16.48	17.50	
	802.11ac-VHT80 MCS0	58	5290	15.58	17.50	93.30

5GHz WLAN	Ant 1 Down Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.20	17.00	98.28
		56	5280	16.57	17.00	
		60	5300	16.23	17.00	
		64	5320	16.01	17.00	
	802.11n-HT20 MCS0	52	5260	Not Required	17.00	98.16
		56	5280		17.00	
		60	5300		17.00	
		64	5320		17.00	
	802.11n-HT40 MCS0	54	5270		17.00	96.32
		62	5310		17.00	
	802.11ac-VHT20 MCS0	52	5260		17.00	98.16
		56	5280		17.00	
		60	5300		17.00	
		64	5320		17.00	
	802.11ac-VHT40 MCS0	54	5270		17.00	96.35
		62	5310		17.00	
	802.11ac-VHT80 MCS0	58	5290		17.00	93.30

5GHz WLAN	Ant 1 Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	16.43	18.00	98.28
		116	5580	16.66	18.50	
		124	5620	16.91	18.50	
		132	5660	16.91	18.50	
		140	5700	17.80	19.00	
		144	5720	17.87	19.00	
	802.11n-HT20 MCS0	100	5500	15.28	17.00	98.16
		116	5580	15.88	17.50	
		124	5620	15.98	17.50	
		132	5660	16.28	17.50	
		140	5700	16.70	17.50	
		144	5720	16.86	17.50	
	802.11n-HT40 MCS0	102	5510	14.66	16.50	96.32
		110	5550	14.98	16.50	
		126	5630	15.54	17.50	
		134	5670	15.84	17.50	
		142	5710	16.16	17.50	
	802.11ac-VHT20 MCS0	100	5500	16.38	17.50	98.16
		116	5580	16.72	17.50	
		124	5620	16.19	17.50	
		132	5660	16.61	17.50	
		140	5700	16.71	17.50	
		144	5720	16.96	17.50	
	802.11ac-VHT40 MCS0	102	5510	15.84	17.50	96.35
		110	5550	16.26	17.50	
		126	5630	16.92	17.50	
		134	5670	17.20	17.50	
		142	5710	17.16	17.50	
	802.11ac-VHT80 MCS0	106	5530	14.62	16.50	93.30
		122	5610	15.52	17.50	
		138	5690	16.20	17.50	

5GHz WLAN	Ant 1 Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	12.32	13.50	98.28
		157	5785	12.27	13.50	
		165	5825	12.46	13.50	
	802.11n-HT20 MCS0	149	5745	12.29	13.50	98.16
		157	5785	12.10	13.50	
		165	5825	12.36	13.50	
	802.11n-HT40 MCS0	151	5755	11.80	13.50	96.32
		159	5795	11.90	13.50	
	802.11ac-VHT20 MCS0	149	5745	12.33	13.50	98.16
		157	5785	12.05	13.50	
		165	5825	12.43	13.50	
	802.11ac-VHT40 MCS0	151	5755	11.87	13.50	96.35
		159	5795	11.95	13.50	
	802.11ac-VHT80 MCS0	155	5775	12.28	13.50	93.30

BR / EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.23	11.53	11.63	9.66	9.45	9.27	9.49	9.37	9.33	12
	CH 39	2441	11.26	11.65	**11.75**	**9.90**	9.76	9.64	**9.73**	9.68	9.60	
	CH 78	2480	11.06	11.16	11.31	9.61	9.16	8.62	9.63	9.24	8.76	

LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	6.98
	CH 19	2440	7.69
	CH 39	2480	7.51
Tune-up Limit			9