

10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
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	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAD	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	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	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

^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.

WWAN Full Power Mode

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.81	32.82	33.50	23.72	23.81	23.82	24.50
GPRS 1 Tx slot	32.81	32.85	32.83	33.50	23.81	23.85	23.83	24.50
GPRS 2 Tx slots	30.75	30.74	31.22	32.50	24.75	24.74	25.22	26.50
GPRS 3 Tx slots	28.59	28.57	28.80	30.50	24.33	24.31	24.54	26.24
GPRS 4 Tx slots	26.37	26.25	26.67	28.00	23.37	23.25	23.67	25.00
EDGE 1 Tx slot	26.32	26.31	26.48	26.00	17.32	17.31	17.48	19.00
EDGE 2 Tx slots	24.06	24.14	24.26	25.50	16.06	16.14	16.26	19.50
EDGE 3 Tx slots	22.19	22.58	22.62	23.50	17.93	18.32	18.36	19.24
EDGE 4 Tx slots	20.34	20.38	20.46	21.50	17.34	17.38	17.46	18.50

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.90	29.95	29.84	30.50	20.90	20.95	20.84	21.50
GPRS 1 Tx slot	29.81	29.95	29.74	30.50	20.81	20.95	20.74	21.50
GPRS 2 Tx slots	28.85	28.98	28.89	30.00	22.85	22.98	22.89	24.00
GPRS 3 Tx slots	26.43	26.59	26.54	28.00	22.17	22.33	22.28	23.74
GPRS 4 Tx slots	24.28	24.36	24.31	25.50	21.28	21.36	21.31	22.50
EDGE 1 Tx slot	25.63	25.91	25.75	27.50	16.63	16.91	16.75	18.50
EDGE 2 Tx slots	24.71	24.83	24.65	26.50	18.71	18.83	18.65	20.50
EDGE 3 Tx slots	22.56	22.63	22.50	24.00	18.30	18.27	18.24	19.74
EDGE 4 Tx slots	20.23	20.47	20.30	21.50	17.23	17.47	17.30	18.50

	Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233	
	Rx Channel	9662	9800	9938		1537	1638	1738		4357	4407	4458	
	Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.51	23.66	23.64	24.00	23.67	23.82	23.70	24.00	23.18	23.37	23.40	24.00
3GPP Rel 99	RMC 12.2Kbps	23.53	23.67	23.65	24.00	23.70	23.84	23.71	24.00	23.19	23.38	23.41	24.00
3GPP Rel 6	HSDPA Subtest-1	22.44	22.52	22.43	23.00	22.53	22.62	22.67	23.00	22.23	22.37	22.36	23.00
3GPP Rel 6	HSDPA Subtest-2	22.48	22.54	22.45	23.00	22.49	22.62	22.65	23.00	22.23	22.38	22.38	23.00
3GPP Rel 6	HSDPA Subtest-3	21.89	22.02	21.95	22.50	22.01	22.12	22.14	22.50	21.70	21.84	21.84	22.50
3GPP Rel 6	HSDPA Subtest-4	21.87	22.02	21.90	22.50	22.00	22.11	22.21	22.50	21.72	21.87	21.87	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.43	22.60	22.64	23.00	22.57	22.72	22.75	23.00	22.19	22.29	22.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.45	22.61	22.72	23.00	22.56	22.69	22.78	23.00	22.23	22.23	22.02	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.98	22.10	22.33	22.50	22.03	22.18	22.39	22.50	21.73	21.79	21.62	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.92	22.05	22.16	22.50	22.04	22.08	22.26	22.50	21.77	21.73	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	22.48	22.52	22.48	23.00	22.52	22.52	22.55	23.00	22.27	22.41	22.09	23.00
3GPP Rel 6	HSUPA Subtest-2	20.49	20.50	20.45	21.00	20.52	20.58	20.60	21.00	20.27	20.37	20.34	21.00
3GPP Rel 6	HSUPA Subtest-3	21.46	21.54	21.48	22.00	21.52	21.92	21.56	22.00	21.27	21.41	21.35	22.00
3GPP Rel 6	HSUPA Subtest-4	20.44	20.51	20.49	21.00	20.51	20.92	20.59	21.00	20.28	20.41	20.34	21.00
3GPP Rel 6	HSUPA Subtest-5	22.50	22.50	22.50	23.00	22.50	22.60	22.60	23.00	22.30	22.40	22.40	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	18800	19000			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	23.54	23.52	23.67	24	0	
20	QPSK	1	49	23.32	23.42	23.40			
20	QPSK	1	99	23.49	23.50	23.59			
20	QPSK	50	0	22.36	22.49	22.53	23	1	
20	QPSK	50	24	22.38	22.50	22.56			
20	QPSK	50	50	22.33	22.48	22.49			
20	QPSK	100	0	22.39	22.61	22.64	23	1	
20	16QAM	1	0	22.76	22.90	22.95			
20	16QAM	1	49	22.59	22.71	22.65			
20	16QAM	1	99	22.76	22.80	22.71	22	2	
20	16QAM	50	0	21.36	21.45	21.51			
20	16QAM	50	24	21.37	21.50	21.58			
20	16QAM	50	50	21.38	21.51	21.52	22	2	
20	16QAM	100	0	21.42	21.55	21.53			
20	64QAM	1	0	21.66	21.79	21.89			
20	64QAM	1	49	21.53	21.61	21.57	21	3	
20	64QAM	1	99	21.70	21.72	21.76			
20	64QAM	50	0	20.37	20.48	20.49			
20	64QAM	50	24	20.41	20.51	20.58	21	3	
20	64QAM	50	50	20.37	20.54	20.51			
20	64QAM	100	0	20.42	20.53	20.52			
Channel				18675	18800	19025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	23.34	23.32	23.59	24	0	
15	QPSK	1	37	23.29	23.41	23.42			
15	QPSK	1	74	23.58	23.61	23.59			
15	QPSK	36	0	22.29	22.41	22.52	23	1	
15	QPSK	36	20	22.37	22.47	22.50			
15	QPSK	36	39	22.33	22.50	22.51			
15	QPSK	75	0	22.25	22.51	22.51	23	1	
15	16QAM	1	0	22.63	22.93	22.97			
15	16QAM	1	37	22.54	22.71	22.60			
15	16QAM	1	74	22.81	22.97	22.78	22	2	
15	16QAM	36	0	21.33	21.39	21.52			
15	16QAM	36	20	21.39	21.46	21.45			
15	16QAM	36	39	21.36	21.46	21.45	22	2	
15	16QAM	75	0	21.30	21.54	21.53			
15	64QAM	1	0	21.77	21.82	21.88			
15	64QAM	1	37	21.37	21.42	21.42	22	2	
15	64QAM	1	74	21.81	21.87	21.80			
15	64QAM	36	0	20.36	20.44	20.53			
15	64QAM	36	20	20.40	20.47	20.51	21	3	
15	64QAM	36	39	20.39	20.49	20.50			
15	64QAM	75	0	20.28	20.30	20.52			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	23.37	23.45	23.61	24	0	
10	QPSK	1	25	23.11	23.30	23.25			
10	QPSK	1	49	23.45	23.55	23.58			
10	QPSK	25	0	22.16	22.28	22.29	23	1	
10	QPSK	25	12	22.12	22.27	22.22			
10	QPSK	25	25	22.22	22.27	22.31			
10	QPSK	50	0	22.14	22.28	22.25	23	1	
10	16QAM	1	0	22.71	22.78	22.66			
10	16QAM	1	25	22.45	22.54	22.44			
10	16QAM	1	49	22.62	22.81	22.60	22	2	
10	16QAM	25	0	21.22	21.31	21.32			
10	16QAM	25	12	21.18	21.25	21.21			
10	16QAM	25	25	21.25	21.25	21.28	22	2	
10	16QAM	50	0	21.18	21.30	21.27			
10	64QAM	1	0	21.58	21.67	21.62			
10	64QAM	1	25	21.23	21.33	21.29	22	2	
10	64QAM	1	49	21.57	21.62	21.62			
10	64QAM	25	0	20.22	20.30	20.32			
10	64QAM	25	12	20.20	20.27	20.23	21	3	
10	64QAM	25	25	20.29	20.30	20.32			
10	64QAM	50	0	20.18	20.30	20.27			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	23.28	23.42	23.47	24	0	
5	QPSK	1	12	23.10	23.16	23.25			
5	QPSK	1	24	23.12	23.14	23.23			
5	QPSK	12	0	22.18	22.28	22.23	23	1	
5	QPSK	12	7	22.15	22.23	22.22			
5	QPSK	12	13	22.10	22.19	22.21			
5	QPSK	25	0	22.17	22.26	22.27	23	1	
5	16QAM	1	0	22.58	22.68	22.54			
5	16QAM	1	12	22.42	22.48	22.45			
5	16QAM	1	24	22.39	22.47	22.49	22	2	
5	16QAM	12	0	21.25	21.29	21.28			
5	16QAM	12	7	21.21	21.26	21.25			
5	16QAM	12	13	21.17	21.22	21.24	22	2	
5	16QAM	25	0	21.21	21.25	21.27			
5	64QAM	1	0	21.47	21.53	21.45			
5	64QAM	1	12	21.31	21.40	21.40	22	2	
5	64QAM	1	24	21.26	21.33	21.28			
5	64QAM	12	0	20.28	20.34	20.30			
5	64QAM	12	7	20.22	20.29	20.30	21	3	
5	64QAM	12	13	20.16	20.22	20.27			
5	64QAM	25	0	20.20	20.22	20.31			
Channel				18515	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1909.5			
3	QPSK	1	0	23.31	23.36	23.65	24	0	
3	QPSK	1	8	23.16	23.20	23.20			
3	QPSK	1	14	23.10	23.13	23.13			
3	QPSK	8	0	22.15	22.20	22.20	23	1	
3	QPSK	8	4	22.15	22.22	22.20			
3	QPSK	8	7	22.07	22.18	22.18			
3	QPSK	15	0	22.11	22.19	22.20	23	1	
3	16QAM	1	0	22.53	22.62	22.55			
3	16QAM	1	8	22.47	22.53	22.55			
3	16QAM	1	14	22.44	22.47	22.43	22	2	
3	16QAM	8	0	21.24	21.27	21.24			
3	16QAM	8	4	21.23	21.28	21.25			
3	16QAM	8	7	21.20	21.23	21.19	22	2	
3	16QAM	15	0	21.15	21.22	21.23			
3	64QAM	1	0	21.36	21.43	21.37			
3	64QAM	1	8	21.37	21.36	21.31	22	2	
3	64QAM	1	14	21.28	21.35	21.33			
3	64QAM	8	0	20.22	20.28	20.26			
3	64QAM	8	4	20.25	20.28	20.23	21	3	
3	64QAM	8	7	20.18	20.22	20.22			
3	64QAM	15	0	20.17	20.23	20.20			
Channel				18507	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	23.44	23.44	23.66	24	0	
1.4	QPSK	1	3	23.24	23.24	23.17			
1.4	QPSK	1	5	23.16	23.19	23.08			
1.4	QPSK	3	0	23.20	23.23	23.21	23	1	
1.4	QPSK	3	1	23.24	23.21	23.21			
1.4	QPSK	3	3	23.20	23.19	23.21			
1.4	QPSK	6	0	22.13	22.24	22.17	23	1	
1.4	16QAM	1	0	22.52	22.60	22.55			
1.4	16QAM	1	3	22.52	22.59	22.58			
1.4	16QAM	1	5	22.46	22.55	22.46	23	1	
1.4	16QAM	3	0	22.25	22.27	22.19			
1.4	16QAM	3	1	22.26	22.34	22.19			
1.4	16QAM	3	3	22.19	22.26	22.13	22	2	
1.4	16QAM	6	0	21.27	21.26	21.30			
1.4	64QAM	1	0	21.43	21.42	21.36			
1.4	64QAM	1	3	21.39	21.38	21.36	22	2	
1.4	64QAM	1	5	21.37	21.36	21.36			
1.4	64QAM	3	0	21.35	21.34	21.33			
1.4	64QAM	3	1	21.41	21.42	21.38	21	3	
1.4	64QAM	3	3	21.37	21.38	21.32			
1.4	64QAM	6	0	20.23	20.24	20.19			

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	23.58	23.78	23.76	24	0	
20	QPSK	1	49	23.47	23.73	23.69			
20	QPSK	1	99	23.57	23.75	23.75			
20	QPSK	50	0	22.58	22.81	22.77	23	1	
20	QPSK	50	24	22.59	22.80	22.79			
20	QPSK	50	50	22.64	22.84	22.82			
20	QPSK	100	0	22.66	22.81	22.79	23	1	
20	16QAM	1	0	22.74	22.82	22.99			
20	16QAM	1	49	22.84	22.95	22.99			
20	16QAM	1	99	22.77	22.81	22.88	22	2	
20	16QAM	50	0	21.57	21.79	21.81			
20	16QAM	50	24	21.58	21.81	21.79			
20	16QAM	50	50	21.62	21.75	21.80	22	2	
20	16QAM	100	0	21.64	21.75	21.73			
20	64QAM	1	0	21.84	21.88	21.89			
20	64QAM	1	49	21.89	21.93	21.87	22	2	
20	64QAM	1	99	21.86	21.97	21.95			
20	64QAM	50	0	20.57	20.78	20.78			
20	64QAM	50	24	20.58	20.80	20.80	21	3	
20	64QAM	50	50	20.65	20.74	20.81			
20	64QAM	100	0	20.66	20.74	20.73			
Channel				20925	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	23.41	23.65	23.71	24	0	
15	QPSK	1	37	23.37	23.72	23.72			
15	QPSK	1	74	23.43	23.73	23.69			
15	QPSK	36	0	22.51	22.70	22.76	23	1	
15	QPSK	36	20	22.52	22.76	22.84			
15	QPSK	36	39	22.50	22.69	22.75			
15	QPSK	75	0	22.47	22.72	22.78	23	1	
15	16QAM	1	0	22.70	22.85	22.88			
15	16QAM	1	37	22.80	22.87	22.89			
15	16QAM	1	74	22.78	22.93	22.93	23	1	
15	16QAM	36	0	21.56	21.70	21.74			
15	16QAM	36	20	21.53	21.77	21.83			
15	16QAM	36	39	21.54	21.71	21.78	22	2	
15	16QAM	75	0	21.47	21.71	21.80			
15	64QAM	1	0	21.58	21.85	21.95			
15	64QAM	1	37	21.48	21.74	21.77	22	2	
15	64QAM	1	74	21.88	21.93	21.91			
15	64QAM	36	0	20.56	20.72	20.70			
15	64QAM	36	20	20.54	20.77	20.84	21	3	
15	64QAM	36	39	20.55	20.74	20.76			
15	64QAM	75	0	20.46	20.73	20.79			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	23.27	23.48	23.57	24	0	
10	QPSK	1	25	23.51	23.71	23.86			
10	QPSK	1	49	23.57	23.61	23.70			
10	QPSK	25	0	22.58	22.72	22.83	23	1	
10	QPSK	25	12	22.53	22.67	22.79			
10	QPSK	25	25	22.53	22.65	22.79			
10	QPSK	50	0	22.54	22.66	22.78	23	1	
10	16QAM	1	0	22.99	22.83	22.94			
10	16QAM	1	25	22.65	22.71	22.85			
10	16QAM	1	49	22.88	22.97	22.77	22	2	
10	16QAM	25	0	21.61	21.72	21.84			
10	16QAM	25	12	21.53	21.65	21.78			
10	16QAM	25	25	21.51	21.64	21.74	22	2	
10	16QAM	50	0	21.57	21.70	21.78			
10	64QAM	1	0	21.90	21.90	21.99			
10	64QAM	1	25	21.60	21.79	21.92	22	2	
10	64QAM	1	49	21.80	21.86	21.95			
10	64QAM	25	0	20.60	20.70	20.82			
10	64QAM	25	12	20.52	20.65	20.74	21	3	
10	64QAM	25	25	20.55	20.64	20.76			
10	64QAM	50	0	20.56	20.68	20.80			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	23.31	23.58	23.67	24	0	
5	QPSK	1	12	23.47	23.60	23.59			
5	QPSK	1	24	23.46	23.63	23.73			
5	QPSK	12	0	22.56	22.63	22.79	23	1	
5	QPSK	12	7	22.51	22.66	22.76			
5	QPSK	12	13	22.53	22.62	22.73			
5	QPSK	25	0	22.52	22.66	22.78	23	1	
5	16QAM	1	0	22.85	22.97	22.91			
5	16QAM	1	12	22.82	22.87	22.81			
5	16QAM	1	24	22.77	22.90	22.94	22	2	
5	16QAM	12	0	21.62	21.65	21.80			
5	16QAM	12	7	21.53	21.69	21.81			
5	16QAM	12	13	21.56	21.64	21.77	22	2	
5	16QAM	25	0	21.54	21.68	21.76			
5	64QAM	1	0	21.75	21.88	21.94			
5	64QAM	1	12	21.65	21.77	21.91	22	2	
5	64QAM	1	24	21.63	21.74	21.86			
5	64QAM	12	0	20.63	20.66	20.80			
5	64QAM	12	7	20.52	20.68	20.78	21	3	
5	64QAM	12	13	20.57	20.67	20.76			
5	64QAM	25	0	20.53	20.68	20.77			

Band 66									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.05	23.23	23.15	24	0	
20	QPSK	1	49	23.12	23.39	23.20			
20	QPSK	1	99	23.56	23.74	23.52			
20	QPSK	50	0	22.24	22.40	22.26	23	1	
20	QPSK	50	24	22.27	22.45	22.32			
20	QPSK	50	50	22.37	22.47	22.38			
20	QPSK	100	0	22.27	22.40	22.35	23	1	
20	16QAM	1	0	22.42	22.67	22.48			
20	16QAM	1	49	22.44	22.64	22.47			
20	16QAM	1	99	22.87	22.98	22.75	22	2	
20	16QAM	50	0	21.21	21.36	21.29			
20	16QAM	50	24	21.28	21.43	21.31			
20	16QAM	50	50	21.37	21.44	21.21	22	2	
20	16QAM	100	0	21.24	21.38	21.30			
20	64QAM	1	0	21.36	21.53	21.40			
20	64QAM	1	49	21.37	21.48	21.41	21	3	
20	64QAM	1	99	21.75	21.99	21.68			
20	64QAM	50	0	20.21	20.37	20.27			
20	64QAM	50	24	20.27	20.42	20.32	21	3	
20	64QAM	50	50	20.37	20.44	20.21			
20	64QAM	100	0	20.22	20.36	20.29			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.86	23.04	23.07	24	0	
15	QPSK	1	37	23.12	23.35	23.18			
15	QPSK	1	74	23.29	23.43	23.24			
15	QPSK	36	0	22.24	22.42	22.27	23	1	
15	QPSK	36	20	22.22	22.36	22.21			
15	QPSK	36	39	22.15	22.35	22.17			
15	QPSK	75	0	22.24	22.36	22.20	23	1	
15	16QAM	1	0	22.87	23.01	22.80			
15	16QAM	1	37	22.60	22.70	22.40			
15	16QAM	1	74	22.61	22.69	22.50	22	2	
15	16QAM	36	0	21.24	21.40	21.24			
15	16QAM	36	20	21.23	21.36	21.22			
15	16QAM	36	39	21.17	21.33	21.14	21	3	
15	16QAM	75	0	21.24	21.37	21.22			
15	64QAM	1	0	21.62	21.81	21.72			
15	64QAM	1	37	21.24	21.41	21.18	22	2	
15	64QAM	1	74	21.50	21.64	21.43			
15	64QAM	36	0	20.27	20.45	20.29			
15	64QAM	36	20	20.26	20.40	20.21	21	3	
15	64QAM	36	39	20.19	20.36	20.18			
15	64QAM	75	0	20.23	20.37	20.23			
Channel				132022	132322	132623	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.92	23.19	22.99	24	0	
10	QPSK	1	49	23.17	23.44	23.18			
10	QPSK	1	99	23.57	23.56	23.14			
10	QPSK	25	0	22.15	22.09	22.10	23	1	
10	QPSK	25	12	22.18	22.21	22.14			
10	QPSK	25	25	22.21	22.23	22.13			
10	QPSK	50	0	22.15	22.21	22.15	23	1	
10	16QAM	1	0	21.93	21.93	22.66			
10	16QAM	1	25	22.50	22.52	22.37			
10	16QAM	1	49	22.94	23.01	22.81	22	2	
10	16QAM	25	0	21.16	21.08	21.18			
10	16QAM	25	12	21.18	21.23	21.06			
10	16QAM	25	25	21.27	21.23	21.12	21	3	
10	16QAM	50	0	21.16	21.20	21.07			
10	64QAM	1	0	20.76	20.74	21.68			
10	64QAM	1	25	21.24	21.30	21.27	22	2	
10	64QAM	1	49	21.75	21.71	21.23			
10	64QAM	25	0	20.16	20.08	20.35			
10	64QAM	25	12	20.21	20.25	20.02	21	3	
10	64QAM	25	25	20.29	20.24	19.99			
10	64QAM	50	0	20.17	20.19	20.17			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.88	23.11	23.13	24	0	
5	QPSK	1	12	23.11	23.11	22.78			
5	QPSK	1	24	23.08	23.07	22.78			
5	QPSK	12	0	22.21	22.25	21.97	23	1	
5	QPSK	12	7	22.22	22.21	21.90			
5	QPSK	12	13	22.09	22.12	21.85			
5	QPSK	25	0	22.24	22.20	21.90	23	1	
5	16QAM	1	0	22.59	22.58	22.34			
5	16QAM	1	12	22.46	22.43	22.19			
5	16QAM	1	24	22.45	22.44	22.14	22	2	
5	16QAM	12	0	21.27	21.28	20.98			
5	16QAM	12	7	21.24	21.22	20.98			
5	16QAM	12	13	21.13	21.16	20.86	21	3	
5	16QAM	25	0	21.24	21.20	20.92			
5	64QAM	1	0	21.44	21.37	21.21			
5	64QAM	1	12	21.32	21.30	21.06	22	2	
5	64QAM	1	24	21.27	21.30	21.03			
5	64QAM	12	0	20.25	20.27	19.99			
5	64QAM	12	7	20.25	20.18	19.93	21	3	
5	64QAM	12	13	20.12	20.15	19.87			
5	64QAM	25	0	20.24	20.21	19.94			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.99	23.22	23.07	24	0	
3	QPSK	1	8	23.18	23.15	22.82			
3	QPSK	1	14	23.11	23.08	22.76			
3	QPSK	8	0	22.19	22.20	21.87	23	1	
3	QPSK	8	4	22.18	22.17	21.81			
3	QPSK	8	7	22.14	22.13	21.84			
3	QPSK	15	0	22.18	22.17	21.87	23	1	
3	16QAM	1	0	22.53	22.52	22.35			
3	16QAM	1	8	22.53	22.53	22.21			
3	16QAM	1	14	22.47	22.45	22.17	22	2	
3	16QAM	8	0	21.23	21.28	20.91			
3	16QAM	8	4	21.26	21.27	20.94			
3	16QAM	8	7	21.22	21.17	20.92	21	3	
3	16QAM	15	0	21.20	21.21	20.90			
3	64QAM	1	0	21.38	21.42	21.07			
3	64QAM	1	8	21.30	21.33	21.02	22	2	
3	64QAM	1	14	21.31	21.26	20.98			
3	64QAM	8	0	20.23	20.23	19.92			
3	64QAM	8	4	20.25	20.25	19.94	21	3	
3	64QAM	8	7	20.21	20.17	19.88			
3	64QAM	15	0	20.19	20.16	19.90			
Channel				131979	132322	132655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	22.97	23.17	23.03	24	0	
1.4	QPSK	1	1	23.25	23.19	22.86			
1.4	QPSK	1	5	23.14	23.10	22.77			
1.4	QPSK	3	0	23.15	23.18	22.84	23	1	
1.4	QPSK	3	1	23.19	23.21	22.86			
1.4	QPSK	3	3	23.16	23.14	22.85			
1.4	QPSK	6	0	22.13	22.18	21.83	23	1	
1.4	16QAM	1	0	22.52	22.50	22.19			
1.4	16QAM	1	1	22.56	22.56	22.19			
1.4	16QAM	1	5	22.52	22.52	22.18	23	1	
1.4	16QAM	3	0	22.25	22.23	21.89			
1.4	16QAM	3	1	22.25	22.26	21.84			
1.4	16QAM	3	3	22.19	22.17	21.89	22	2	
1.4	16QAM	6	0	21.17	21.20	20.90			
1.4	64QAM	1	0	21.34	21.37	21.04			
1.4	64QAM	1	3	21.31	21.30	21.03	22	2	
1.4	64QAM	1	1	21.36	21.34	21.02			
1.4	64QAM	3	0	21.30	21.31	21.00			
1.4	64QAM	3	1	21.40	21.39	21.05	21	3	
1.4	64QAM	3	3	21.31	21.33	20.98			
1.4	64QAM	6	0	20.20	20.19	19.88			

Reduced Power Mode for Hotspot On

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		30.56	30.45	30.54	31.00	21.56	21.45	21.54	22.00
GPRS 1 Tx slot		30.55	30.43	30.52	31.00	21.55	21.43	21.52	22.00
GPRS 2 Tx slots		29.15	29.12	29.23	30.00	23.15	23.12	23.23	24.00
GPRS 3 Tx slots		26.34	26.28	26.32	26.90	22.08	22.02	22.06	23.74
GPRS 4 Tx slots		24.15	24.13	24.21	25.50	21.15	21.13	21.21	22.50
EDGE 1 Tx slot		23.72	23.54	23.65	25.50	14.72	14.54	14.65	16.50
EDGE 2 Tx slots		22.17	21.98	22.18	23.00	16.17	15.98	16.18	17.00
EDGE 3 Tx slots		19.81	19.84	20.06	21.00	15.55	15.58	15.80	16.74
EDGE 4 Tx slots		17.92	17.81	17.94	19.00	14.92	14.81	14.94	16.00

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	1860	1868.8		1850.2	1860	1868.8	
GSM 1 Tx slot		25.31	25.22	25.35	25.50	16.31	16.22	16.35	16.50
GPRS 1 Tx slot		25.30	25.20	25.34	25.50	16.30	16.20	16.34	16.50
GPRS 2 Tx slots		24.38	24.38	24.22	25.00	18.38	18.39	18.22	19.00
GPRS 3 Tx slots		22.20	21.75	21.96	23.00	17.94	17.49	17.70	18.74
GPRS 4 Tx slots		19.57	19.50	19.65	20.50	16.57	16.50	16.65	17.50
EDGE 1 Tx slot		21.97	21.86	21.96	22.50	12.97	12.86	12.96	13.50
EDGE 2 Tx slots		20.31	20.20	20.21	21.50	14.31	14.20	14.21	15.50
EDGE 3 Tx slots		18.26	18.01	18.10	19.00	14.00	13.75	13.84	14.74
EDGE 4 Tx slots		16.13	16.08	16.06	16.50	13.13	13.08	13.06	13.50

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1637	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2kbps	18.22	18.28	18.23	18.50	17.17	17.19	17.15	17.50	23.10	23.27	23.20	23.50
3GPP Rel 99	RMC 12.2kbps	18.24	18.29	18.25	18.50	17.19	17.21	17.16	17.50	23.11	23.29	23.31	23.50
3GPP Rel 6	HSDPA Subtest-1	16.91	16.98	16.89	17.50	16.03	16.10	16.15	16.50	21.77	21.95	21.95	22.50
3GPP Rel 6	HSDPA Subtest-2	16.97	17.03	16.91	17.50	15.96	16.10	16.12	16.50	21.79	21.97	21.96	22.50
3GPP Rel 6	HSDPA Subtest-3	16.35	16.49	16.41	17.00	15.47	15.58	15.59	16.00	21.25	21.38	21.39	22.00
3GPP Rel 6	HSDPA Subtest-4	16.32	16.49	16.35	17.00	15.51	15.58	15.70	16.00	21.25	21.42	21.41	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.93	17.05	17.14	17.50	16.03	16.20	16.22	16.50	21.75	21.84	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	16.95	17.10	17.20	17.50	16.02	16.17	16.23	16.50	21.77	21.79	21.57	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	16.43	16.56	16.80	17.00	15.53	15.68	15.85	16.00	21.29	21.37	21.17	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	16.38	16.53	16.66	17.00	15.53	15.55	15.72	16.00	21.35	21.30	21.11	22.00
3GPP Rel 6	HSUPA Subtest-1	16.98	16.98	16.95	17.50	15.98	16.02	16.03	16.50	21.80	21.95	21.63	22.50
3GPP Rel 6	HSUPA Subtest-2	14.98	14.96	14.94	15.50	14.02	14.09	14.06	14.50	19.81	19.95	19.88	20.50
3GPP Rel 6	HSUPA Subtest-3	15.97	16.02	15.97	16.50	15.02	15.38	15.05	15.50	20.83	20.94	20.91	21.50
3GPP Rel 6	HSUPA Subtest-4	14.93	15.02	15.00	15.50	14.02	14.41	14.05	14.50	19.84	19.98	19.90	20.50
3GPP Rel 6	HSUPA Subtest-5	16.96	16.97	16.97	17.50	15.97	16.11	16.10	16.50	21.83	21.98	21.97	22.50

Band 2 (1900MHz Band) Part 24E											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18790	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	18.01	17.98	18.14	18.5	0			
20	QPSK	1	49	17.72	17.74	17.69					
20	QPSK	1	99	17.78	17.81	17.89					
20	QPSK	50	0	17.73	17.83	17.89	18.5	0			
20	QPSK	50	24	17.70	17.84	17.92					
20	QPSK	50	50	17.66	17.81	17.83					
20	QPSK	100	0	17.71	17.91	18.01	18.5	0			
20	16QAM	1	0	17.93	17.99	18.04					
20	16QAM	1	49	17.73	17.82	17.74					
20	16QAM	1	99	17.85	17.95	17.84	18.5	0			
20	16QAM	50	0	17.72	17.79	17.82					
20	16QAM	50	24	17.73	17.85	17.94					
20	16QAM	50	50	17.67	17.81	17.83	18.5	0			
20	16QAM	100	0	17.76	17.90	17.89					
20	64QAM	1	0	18.03	18.05	18.10					
20	64QAM	1	49	17.86	17.94	17.89	18.5	0			
20	64QAM	1	99	18.00	18.03	18.06					
20	64QAM	50	0	17.69	17.83	17.79					
20	64QAM	50	24	17.75	17.87	17.90	18.5	0			
20	64QAM	50	50	17.67	17.84	17.85					
20	64QAM	100	0	17.71	17.83	17.89					
Channel											
Frequency (MHz)				1857.5	1867.5	1890.0			1910.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	17.60	17.64	17.95	18.5	0			
15	QPSK	1	37	17.60	17.68	17.68					
15	QPSK	1	74	17.92	17.99	17.89					
15	QPSK	36	0	17.65	17.69	17.80	18.5	0			
15	QPSK	36	20	17.71	17.76	17.85					
15	QPSK	36	39	17.60	17.82	17.84					
15	QPSK	75	0	17.52	17.84	17.88	18.5	0			
15	16QAM	1	0	17.96	18.05	18.11					
15	16QAM	1	37	17.61	17.86	17.72					
15	16QAM	1	74	17.91	18.07	17.88	18.5	0			
15	16QAM	36	0	17.69	17.74	17.84					
15	16QAM	36	20	17.78	17.80	17.76					
15	16QAM	36	39	17.67	17.81	17.82	18.5	0			
15	16QAM	75	0	17.70	17.85	17.83					
15	64QAM	1	0	17.92	17.90	17.99					
15	64QAM	1	37	17.51	17.53	17.55	18.5	0			
15	64QAM	1	74	17.89	17.98	17.91					
15	64QAM	36	0	17.70	17.78	17.82					
15	64QAM	36	20	17.78	17.76	17.85	18.5	0			
15	64QAM	36	39	17.75	17.84	17.81					
15	64QAM	75	0	17.55	17.83	17.77					
Channel											
Frequency (MHz)				1865.0	1880.0	1900.0			Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.65	17.81	17.94	18.5	0			
10	QPSK	1	25	17.48	17.48	17.56					
10	QPSK	1	49	17.83	17.84	17.92					
10	QPSK	25	0	17.51	17.55	17.60	18.5	0			
10	QPSK	25	12	17.39	17.54	17.53					
10	QPSK	25	25	17.54	17.63	17.65					
10	QPSK	50	0	17.47	17.59	17.55	18.5	0			
10	16QAM	1	0	17.89	17.87	17.82					
10	16QAM	1	25	17.61	17.67	17.60					
10	16QAM	1	49	17.75	17.94	17.71	18.5	0			
10	16QAM	25	0	17.55	17.62	17.63					
10	16QAM	25	12	17.57	17.56	17.51					
10	16QAM	25	25	17.54	17.52	17.61	18.5	0			
10	16QAM	50	0	17.53	17.68	17.56					
10	64QAM	1	0	17.63	17.75	17.72					
10	64QAM	1	25	17.38	17.46	17.38	18.5	0			
10	64QAM	1	49	17.66	17.74	17.76					
10	64QAM	25	0	17.58	17.65	17.64					
10	64QAM	25	12	17.48	17.56	17.58	18.5	0			
10	64QAM	25	25	17.57	17.63	17.68					
10	64QAM	50	0	17.48	17.60	17.55					
Channel											
Frequency (MHz)				1852.5	1890.0	1917.5			Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.57	17.79	17.76	18.5	0			
5	QPSK	1	12	17.48	17.50	17.55					
5	QPSK	1	24	17.43	17.52	17.61					
5	QPSK	12	0	17.50	17.58	17.58	18.5	0			
5	QPSK	12	7	17.45	17.57	17.57					
5	QPSK	12	13	17.43	17.50	17.48					
5	QPSK	25	0	17.48	17.53	17.53	18.5	0			
5	16QAM	1	0	17.65	17.83	17.66					
5	16QAM	1	12	17.50	17.61	17.57					
5	16QAM	1	24	17.51	17.59	17.61	18.5	0			
5	16QAM	12	0	17.56	17.63	17.62					
5	16QAM	12	7	17.54	17.55	17.57					
5	16QAM	12	13	17.45	17.57	17.52	18.5	0			
5	16QAM	25	0	17.54	17.58	17.58					
5	64QAM	1	0	17.59	17.64	17.58					
5	64QAM	1	12	17.42	17.51	17.53	18.5	0			
5	64QAM	1	24	17.38	17.44	17.38					
5	64QAM	12	0	17.61	17.63	17.62					
5	64QAM	12	7	17.50	17.58	17.65	18.5	0			
5	64QAM	12	13	17.49	17.53	17.62					
5	64QAM	25	0	17.54	17.63	17.60					
Channel											
Frequency (MHz)				1861.5	1890.0	1918.5			Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	17.64	17.66	17.89	18.5	0			
3	QPSK	1	8	17.50	17.48	17.47					
3	QPSK	1	14	17.45	17.48	17.42					
3	QPSK	8	0	17.50	17.57	17.46	18.5	0			
3	QPSK	8	4	17.47	17.54	17.52					
3	QPSK	8	7	17.41	17.48	17.57					
3	QPSK	15	0	17.47	17.46	17.52	18.5	0			
3	16QAM	1	0	17.66	17.78	17.64					
3	16QAM	1	8	17.55	17.69	17.70					
3	16QAM	1	14	17.60	17.65	17.53	18.5	0			
3	16QAM	8	0	17.53	17.57	17.55					
3	16QAM	8	4	17.55	17.59	17.63					
3	16QAM	8	7	17.53	17.54	17.54	18.5	0			
3	16QAM	15	0	17.51	17.56	17.60					
3	64QAM	1	0	17.50	17.52	17.55					
3	64QAM	1	8	17.48	17.47	17.43	18.5	0			
3	64QAM	1	14	17.41	17.48	17.47					
3	64QAM	8	0	17.52	17.63	17.55					
3	64QAM	8	4	17.63	17.63	17.58	18.5	0			
3	64QAM	8	7	17.54	17.60	17.60					
3	64QAM	15	0	17.46	17.57	17.49					
Channel											
Frequency (MHz)				1850.0	1880.0	1909.3			Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	17.77	17.81	18.01	18.5	0			
1.4	QPSK	1	3	17.56	17.52	17.58					
1.4	QPSK	1	5	17.54	17.55	17.55					
1.4	QPSK	3	0	17.50	17.57	17.52	18.5	0			
1.4	QPSK	3	1	17.55	17.56	17.55					
1.4	QPSK	3	3	17.51	17.51	17.55					
1.4	QPSK	6	0	17.39	17.52	17.46	18.5	0			
1.4	16QAM	1	0	17.81	17.83	17.83					
1.4	16QAM	1	5	17.82	17.85	17.81					
1.4	16QAM	1	5	17.76	17.84	17.81	18.5	0			
1.4	16QAM	3	0	17.61	17.66	17.55					
1.4	16QAM	3	1	17.59	17.64	17.54					
1.4	16QAM	3	3	17.49	17.63	17.51	18.5	0			
1.4	16QAM	6	0	17.57	17.53	17.66					
1.4	64QAM	1	0	17.75	17.74	17.64					
1.4	64QAM	1	3	17.74	17.67	17.74	18.5	0			
1.4	64QAM	1	5	17.71	17.70	17.74					
1.4	64QAM	3	0	17.63	17.69	17.63					
1.4	64QAM	3	1	17.72	17.76	17.71	18.5	0			
1.4	64QAM	3	3	17.72	17.68	17.61					
1.4	64QAM	6	0	17.57	17.55	17.56					

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	20.28	20.37	20.36	20.5	0	
20	QPSK	1	49	20.07	20.34	20.28			
20	QPSK	1	99	20.13	20.31	20.32			
20	QPSK	50	0	19.98	20.20	20.16	20.5	0	
20	QPSK	50	24	19.97	20.24	20.15			
20	QPSK	50	50	20.01	20.31	20.22			
20	QPSK	100	0	20.09	20.26	20.15	20.5	0	
20	16QAM	1	0	20.14	20.22	20.33			
20	16QAM	1	49	20.25	20.36	20.35			
20	16QAM	1	99	20.14	20.21	20.33	20.5	0	
20	16QAM	50	0	20.02	20.19	20.24			
20	16QAM	50	24	20.01	20.24	20.22			
20	16QAM	50	50	20.04	20.15	20.21	20.5	0	
20	16QAM	100	0	20.08	20.19	20.12			
20	64QAM	1	0	20.27	20.29	20.32			
20	64QAM	1	49	20.11	20.36	20.29	20.5	0	
20	64QAM	1	99	20.29	20.29	20.35			
20	64QAM	50	0	19.98	20.20	20.19			
20	64QAM	50	24	19.97	20.15	20.16	20.5	0	
20	64QAM	50	50	20.04	20.14	20.23			
20	64QAM	100	0	20.05	20.18	20.12			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	19.99	20.19	20.24	20.5	0	
15	QPSK	1	37	19.91	20.26	20.26			
15	QPSK	1	74	20.02	20.27	20.28			
15	QPSK	36	0	19.95	20.13	20.17	20.5	0	
15	QPSK	36	20	19.98	20.19	20.24			
15	QPSK	36	39	19.99	20.12	20.13			
15	QPSK	75	0	19.88	20.12	20.22	20.5	0	
15	16QAM	1	0	20.08	20.28	20.28			
15	16QAM	1	37	20.20	20.22	20.30			
15	16QAM	1	74	20.20	20.32	20.31	20.5	0	
15	16QAM	36	0	19.92	20.13	20.19			
15	16QAM	36	20	19.93	20.24	20.26			
15	16QAM	36	39	19.92	20.12	20.17	20.5	0	
15	16QAM	75	0	19.87	20.15	20.22			
15	64QAM	1	0	20.01	20.30	20.36			
15	64QAM	1	37	19.89	20.17	20.20	20.5	0	
15	64QAM	1	74	20.08	20.37	20.33			
15	64QAM	36	0	20.00	20.15	20.14			
15	64QAM	36	20	19.95	20.20	20.20	20.5	0	
15	64QAM	36	39	19.94	20.13	20.15			
15	64QAM	75	0	19.90	20.10	20.21			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	19.88	19.98	20.12	20.5	0	
10	QPSK	1	25	20.08	20.31	20.20			
10	QPSK	1	49	20.16	20.16	20.29			
10	QPSK	25	0	19.95	20.13	20.20	20.5	0	
10	QPSK	25	12	19.91	20.12	20.20			
10	QPSK	25	25	19.93	20.07	20.19			
10	QPSK	50	0	19.98	20.05	20.33	20.5	0	
10	16QAM	1	0	20.02	20.24	20.33			
10	16QAM	1	25	20.08	20.13	20.25			
10	16QAM	1	49	20.34	20.18	20.16	20.5	0	
10	16QAM	25	0	20.01	20.12	20.27			
10	16QAM	25	12	19.95	20.05	20.18			
10	16QAM	25	25	19.94	20.04	20.11	20.5	0	
10	16QAM	50	0	19.99	20.14	20.17			
10	64QAM	1	0	20.31	20.33	20.30			
10	64QAM	1	25	20.04	20.16	20.35	20.5	0	
10	64QAM	1	49	20.21	20.28	19.95			
10	64QAM	25	0	19.97	20.11	20.12			
10	64QAM	25	12	19.98	20.20	20.22	20.5	0	
10	64QAM	25	25	19.94	20.10	20.16			
10	64QAM	50	0	19.85	20.15	20.19			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	19.88	20.16	20.20	20.5	0	
5	QPSK	1	12	20.04	20.12	20.14			
5	QPSK	1	24	20.00	20.15	20.26			
5	QPSK	12	0	20.00	20.04	20.20	20.5	0	
5	QPSK	12	7	19.87	20.06	20.18			
5	QPSK	12	13	19.89	20.06	20.15			
5	QPSK	25	0	19.92	20.10	20.23	20.5	0	
5	16QAM	1	0	20.27	20.33	20.30			
5	16QAM	1	12	20.23	20.26	20.19			
5	16QAM	1	24	20.14	20.35	20.36	20.5	0	
5	16QAM	12	0	20.01	20.04	20.17			
5	16QAM	12	7	19.94	20.11	20.19			
5	16QAM	12	13	19.97	20.01	20.17	20.5	0	
5	16QAM	25	0	19.95	20.06	20.19			
5	64QAM	1	0	20.11	20.31	20.29			
5	64QAM	1	12	20.06	20.15	20.37	20.5	0	
5	64QAM	1	24	20.01	20.19	20.26			
5	64QAM	12	0	20.05	20.03	20.23			
5	64QAM	12	7	19.95	20.09	20.19	20.5	0	
5	64QAM	12	13	19.97	20.10	20.12			
5	64QAM	25	0	19.88	20.03	20.21			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Mid Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.38	16.58	16.52	17	0	
20	QPSK	1	49	16.46	16.71	16.52			
20	QPSK	1	99	16.56	16.76	16.52			
20	QPSK	50	0	16.09	16.26	16.12	17	0	
20	QPSK	50	24	16.16	16.28	16.19			
20	QPSK	50	50	16.23	16.32	16.24			
20	QPSK	100	0	16.10	16.25	16.19	17	0	
20	16QAM	1	0	16.27	16.55	16.35			
20	16QAM	1	49	16.26	16.46	16.34			
20	16QAM	1	99	16.74	16.71	16.59	17	0	
20	16QAM	50	0	16.04	16.20	16.15			
20	16QAM	50	24	16.09	16.26	16.18			
20	16QAM	50	50	16.21	16.26	16.03	17	0	
20	16QAM	100	0	16.12	16.26	16.16			
20	64QAM	1	0	16.16	16.37	16.24			
20	64QAM	1	49	16.20	16.32	16.24	17	0	
20	64QAM	1	99	16.62	16.65	16.48			
20	64QAM	50	0	16.10	16.22	16.15			
20	64QAM	50	24	16.12	16.24	16.16	17	0	
20	64QAM	50	50	16.22	16.29	16.02			
20	64QAM	100	0	16.05	16.22	16.15			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	16.15	16.32	16.33	17	0	
15	QPSK	1	37	16.42	16.68	16.48			
15	QPSK	1	74	16.27	16.42	16.20			
15	QPSK	36	0	16.11	16.23	16.07	17	0	
15	QPSK	36	20	16.08	16.20	16.06			
15	QPSK	36	39	15.98	16.22	16.04			
15	QPSK	75	0	16.07	16.19	16.04	17	0	
15	16QAM	1	0	16.55	16.71	16.65			
15	16QAM	1	37	16.44	16.58	16.22			
15	16QAM	1	74	16.46	16.50	16.39	17	0	
15	16QAM	36	0	16.07	16.20	16.11			
15	16QAM	36	20	16.09	16.21	16.04			
15	16QAM	36	39	16.00	16.17	16.01	17	0	
15	16QAM	75	0	16.06	16.22	16.06			
15	64QAM	1	0	16.45	16.66	16.56			
15	64QAM	1	37	16.08	16.25	16.03	17	0	
15	64QAM	1	74	16.35	16.49	16.20			
15	64QAM	36	0	16.08	16.25	16.14			
15	64QAM	36	20	16.14	16.28	16.04	17	0	
15	64QAM	36	39	16.05	16.20	16.02			
15	64QAM	75	0	16.09	16.26	16.07			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	16.23	16.46	16.28	17	0	
10	QPSK	1	25	16.41	16.41	16.34			
10	QPSK	1	49	16.56	16.59	16.09			
10	QPSK	25	0	16.98	16.93	16.03	17	0	
10	QPSK	25	12	16.03	16.06	15.95			
10	QPSK	25	25	16.05	16.09	15.99			
10	QPSK	50	0	15.99	16.08	15.99	17	0	
10	16QAM	1	0	15.76	15.75	16.49			
10	16QAM	1	25	16.34	16.41	16.19			
10	16QAM	1	49	16.66	16.66	16.15	17	0	
10	16QAM	25	0	16.00	15.92	16.05			
10	16QAM	25	12	16.06	16.07	15.97			
10	16QAM	25	25	16.14	16.08	15.94	17	0	
10	16QAM	50	0	16.02	16.02	15.93			
10	64QAM	1	0	15.61	15.59	16.51			
10	64QAM	1	25	16.10	16.13	15.88	17	0	
10	64QAM	1	49	16.59	16.55	16.08			
10	64QAM	25	0	16.00	15.87	16.09			
10	64QAM	25	12	16.04	16.09	15.82	17	0	
10	64QAM	25	25	16.17	16.08	15.89			
10	64QAM	50	0	16.01	16.05	16.05			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	15.99	16.25	16.20	17	0	
5	QPSK	1	12	16.22	16.24	15.90			
5	QPSK	1	24	16.22	16.18	15.91			
5	QPSK	12	0	16.08	16.05	15.80	17	0	
5	QPSK	12	7	16.10	15.99	15.72			
5	QPSK	12	13	15.89	15.99	15.65			
5	QPSK	25	0	16.06	16.00	15.76	17	0	
5	16QAM	1	0	16.44	16.46	16.03			
5	16QAM	1	12	16.30	16.27	15.99			
5	16QAM	1	24	16.29	16.28	15.97	17	0	
5	16QAM	12	0	16.11	16.12	15.79			
5	16QAM	12	7	16.08	16.03	15.75			
5	16QAM	12	13	15.98	15.99	15.74	17	0	
5	16QAM	25	0	16.07	16.03	15.76			
5	64QAM	1	0	16.27	16.23	16.08			
5	64QAM	1	12	16.14	16.15	15.90	17	0	
5	64QAM	1	24	16.13	16.11	15.71			
5	64QAM	12	0	16.09	16.12	15.86			
5	64QAM	12	7	16.08	16.04	15.79	17	0	
5	64QAM	12	13	15.97	15.98	15.67			
5	64QAM	25	0	16.12	16.03	15.82			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	15.79	16.04	15.94	17	0	
3	QPSK	1	8	16.04	16.03	15.63			
3	QPSK	1	14	15.95	15.88	15.60			
3	QPSK	8	0	16.04	16.06	15.71	17	0	
3	QPSK	8	4	16.06	16.05	15.71			
3	QPSK	8	7	16.00	15.98	15.72			
3	QPSK	15	0	16.02	16.00	15.71	17	0	
3	16QAM	1	0	16.35	16.41	16.20			
3	16QAM	1	8	16.37	16.40	16.04			
3	16QAM	1	14	16.31	16.24	16.00	17	0	
3	16QAM	8	0	16.06	16.10	15.72			
3	16QAM	8	4	16.11	16.12	15.73			
3	16QAM	8	7	16.04	16.00	15.74	17	0	
3	16QAM	15	0	16.01	16.05	15.74			
3	64QAM	1	0	16.22	16.26	15.94			
3	64QAM	1	8	16.18	16.21	15.88	17	0	
3	64QAM	1	14	16.15	16.09	15.82			
3	64QAM	8	0	16.06	16.09	15.74			
3	64QAM	8	4	16.07	16.06	15.79	17	0	
3	64QAM	8	7	16.05	15.97	15.70			
3	64QAM	15	0	16.02	16.03	15.73			
Channel				131992	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	15.85	16.00	15.87	17	0	
1.4	QPSK	1	3	16.10	16.04	15.72			
1.4	QPSK	1	5	15.98	15.97	15.64			
1.4	QPSK	3	0	16.03	16.01	15.67	17	0	
1.4	QPSK	3	1	16.00	16.05	15.68			
1.4	QPSK	3	6	16.00	16.01	15.66			
1.4	16QAM	1	0	16.38	16.35	16.04	17	0	
1.4	16QAM	1	3	16.40	16.43	16.04			
1.4	16QAM	1	6	16.37	16.34	16.04			
1.4	16QAM	3	0	16.11	16.03	15.75	17	0	
1.4	16QAM	3	1	16.08	16.15	15.78			
1.4	16QAM	3	3	16.05	16.02	15.75			
1.4	16QAM	6	0	16.01	16.05	16.71	17	0	
1.4	64QAM	1	0	16.18	16.20	15.87			
1.4	64QAM	1	3	16.16	16.18	15.87			
1.4	64QAM	1	5	16.20	16.12	15.90	17	0	
1.4	64QAM	3	0	16.17	16.12	15.81			
1.4	64QAM	3	1	16.23	16.25	15.89			
1.4	64QAM	3	3	16.17	16.17	15.83	17	0	
1.4	64QAM	6	0	16.06	16.03	15.76			

Reduced Power Mode for Sensor On

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.56	30.45	30.54	31.00	21.56	21.45	21.54	22.00
GPRS 1 Tx slot	30.55	30.43	30.52	31.00	21.55	21.43	21.52	22.00
GPRS 2 Tx slots	29.15	29.12	29.23	30.00	23.15	23.12	23.23	24.00
GPRS 3 Tx slots	26.34	26.28	26.32	26.90	22.08	22.02	22.06	23.74
GPRS 4 Tx slots	24.15	24.13	24.21	25.50	21.15	21.13	21.21	22.50
EDGE 1 Tx slot	23.72	23.54	23.65	25.50	14.72	14.54	14.65	16.50
EDGE 2 Tx slots	22.17	21.98	22.18	23.00	16.17	15.98	16.18	17.00
EDGE 3 Tx slots	19.81	19.84	20.06	21.00	15.55	15.58	15.80	16.74
EDGE 4 Tx slots	17.92	17.81	17.94	19.00	14.92	14.81	14.94	16.00

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1829.2	1830	1833.8		1829.2	1830	1833.8	
Frequency (MHz)	1829.2	1830	1833.8		1829.2	1830	1833.8	
GSM 1 Tx slot	26.81	26.59	26.75	27.00	17.61	17.58	17.75	18.00
GPRS 1 Tx slot	26.60	26.56	26.74	27.00	17.60	17.56	17.74	18.00
GPRS 2 Tx slots	25.51	25.61	25.58	26.50	19.51	19.61	19.58	20.50
GPRS 3 Tx slots	23.07	23.03	23.28	24.50	18.81	18.77	19.02	20.24
GPRS 4 Tx slots	20.81	20.65	20.86	22.00	17.81	17.65	17.86	19.00
EDGE 1 Tx slot	22.76	23.00	22.98	24.00	13.76	14.00	13.98	15.00
EDGE 2 Tx slots	21.07	21.43	21.33	23.00	15.07	15.43	15.33	17.00
EDGE 3 Tx slots	18.93	19.27	19.20	20.50	14.67	15.01	14.94	16.24
EDGE 4 Tx slots	16.85	17.18	17.19	18.00	13.85	14.18	14.19	15.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1637	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2kbps	19.18	19.23	19.15	19.50	17.17	17.19	17.15	17.50	23.10	23.27	23.20	23.50
3GPP Rel 99	RMC 12.2kbps	19.20	19.24	19.16	19.50	17.19	17.21	17.16	17.50	23.11	23.29	23.31	23.50
3GPP Rel 6	HSDPA Subtest-1	17.92	17.99	17.94	18.50	16.03	16.10	16.15	16.50	21.77	21.95	21.95	22.50
3GPP Rel 6	HSDPA Subtest-2	17.97	18.03	17.92	18.50	15.96	16.10	16.12	16.50	21.79	21.97	21.96	22.50
3GPP Rel 6	HSDPA Subtest-3	17.37	17.52	17.43	18.00	15.47	15.58	15.59	16.00	21.25	21.38	21.39	22.00
3GPP Rel 6	HSDPA Subtest-4	17.33	17.48	17.39	18.00	15.51	15.58	15.70	16.00	21.25	21.42	21.41	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.91	18.07	18.10	18.50	16.03	16.20	16.22	16.50	21.75	21.84	21.66	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.91	18.11	18.22	18.50	16.02	16.17	16.23	16.50	21.77	21.79	21.57	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.45	17.56	17.78	18.00	15.53	15.68	15.85	16.00	21.29	21.37	21.17	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.42	17.54	17.65	18.00	15.53	15.55	15.72	16.00	21.35	21.30	21.11	22.00
3GPP Rel 6	HSUPA Subtest-1	17.96	17.98	17.98	18.50	15.98	16.02	16.03	16.50	21.80	21.95	21.63	22.50
3GPP Rel 6	HSUPA Subtest-2	15.95	15.96	15.95	16.50	14.02	14.09	14.06	14.50	19.81	19.95	19.88	20.50
3GPP Rel 6	HSUPA Subtest-3	16.97	17.02	16.94	17.50	15.02	15.38	15.05	15.50	20.83	20.94	20.91	21.50
3GPP Rel 6	HSUPA Subtest-4	15.90	15.97	15.97	16.50	14.02	14.41	14.05	14.50	19.84	19.98	19.90	20.50
3GPP Rel 6	HSUPA Subtest-5	17.95	17.99	17.99	18.50	15.97	16.11	16.10	16.50	21.83	21.98	21.97	22.50

Band 2 (1900MHz Band) Part 24E											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)											
20	QPSK	1	0	19.41	19.42	19.70	20	0			
20	QPSK	1	49	19.25	19.33	19.39					
20	QPSK	1	99	19.39	19.39	19.45					
20	QPSK	50	0	19.29	19.40	19.44					
20	QPSK	50	24	19.29	19.40	19.45					
20	QPSK	50	50	19.27	19.39	19.42	20	0			
20	QPSK	100	0	19.26	19.52	19.58					
20	16QAM	1	0	19.49	19.60	19.60					
20	16QAM	1	49	19.32	19.43	19.32					
20	16QAM	1	99	19.44	19.62	19.41					
20	16QAM	50	0	19.28	19.38	19.39	20	0			
20	16QAM	50	24	19.29	19.44	19.52					
20	16QAM	50	50	19.24	19.40	19.41					
20	16QAM	100	0	19.36	19.46	19.47					
20	64QAM	1	0	19.60	19.65	19.67					
20	64QAM	1	49	19.41	19.51	19.48	20	0			
20	64QAM	1	99	19.56	19.62	19.66					
20	64QAM	50	0	19.29	19.41	19.38					
20	64QAM	50	24	19.35	19.43	19.49					
20	64QAM	50	50	19.27	19.43	19.40					
20	64QAM	100	0	19.30	19.40	19.46	20	0			
Channel											
Frequency (MHz)											
15	QPSK	1	0	19.57.5	19.900	19.125	20	0			
15	QPSK	1	37	19.18	19.28	19.29					
15	QPSK	1	74	19.48	19.55	19.48					
15	QPSK	36	0	19.23	19.30	19.40					
15	QPSK	36	20	19.31	19.33	19.41					
15	QPSK	36	39	19.20	19.37	19.44	20	0			
15	QPSK	75	0	19.13	19.43	19.43					
15	16QAM	1	0	19.55	19.65	19.67					
15	16QAM	1	37	19.20	19.44	19.33					
15	16QAM	1	74	19.47	19.63	19.45					
15	16QAM	36	0	19.28	19.30	19.43	20	0			
15	16QAM	36	20	19.34	19.35	19.36					
15	16QAM	36	39	19.23	19.39	19.38					
15	16QAM	75	0	19.25	19.43	19.42					
15	64QAM	1	0	19.48	19.49	19.57					
15	64QAM	1	37	19.12	19.13	19.12	20	0			
15	64QAM	1	74	19.48	19.54	19.51					
15	64QAM	36	0	19.29	19.34	19.41					
15	64QAM	36	20	19.35	19.34	19.45					
15	64QAM	36	39	19.30	19.40	19.40					
15	64QAM	75	0	19.13	19.39	19.38	20	0			
Channel											
Frequency (MHz)											
10	QPSK	1	0	19.24	19.38	19.50	20	0			
10	QPSK	1	25	18.98	19.06	19.16					
10	QPSK	1	49	19.38	19.43	19.49					
10	QPSK	25	0	19.09	19.14	19.20					
10	QPSK	25	12	18.99	19.14	19.10					
10	QPSK	25	25	19.10	19.18	19.23	20	0			
10	QPSK	50	0	19.07	19.15	19.14					
10	16QAM	1	0	19.15	19.16	19.40					
10	16QAM	1	25	19.18	19.26	19.16					
10	16QAM	1	49	19.31	19.55	19.31					
10	16QAM	25	0	19.15	19.19	19.18	20	0			
10	16QAM	25	12	19.12	19.15	19.11					
10	16QAM	25	25	19.12	19.11	19.18					
10	16QAM	50	0	19.12	19.24	19.13					
10	64QAM	1	0	19.24	19.34	19.30					
10	64QAM	1	25	18.95	19.03	18.98	20	0			
10	64QAM	1	49	19.22	19.30	19.35					
10	64QAM	25	0	19.14	19.21	19.23					
10	64QAM	25	12	19.09	19.14	19.17					
10	64QAM	25	25	19.16	19.19	19.25					
10	64QAM	50	0	19.04	19.20	19.16	20	0			
Channel											
Frequency (MHz)											
5	QPSK	1	0	19.14	19.36	19.35	20	0			
5	QPSK	1	12	19.05	19.06	19.15					
5	QPSK	1	24	19.03	19.08	19.17					
5	QPSK	12	0	19.08	19.14	19.18					
5	QPSK	12	7	19.02	19.14	19.16					
5	QPSK	12	13	19.03	19.08	19.08	20	0			
5	QPSK	25	0	19.08	19.13	19.13					
5	16QAM	1	0	19.24	19.42	19.26					
5	16QAM	1	12	19.10	19.17	19.14					
5	16QAM	1	24	19.08	19.18	19.20					
5	16QAM	12	0	19.13	19.22	19.21	20	0			
5	16QAM	12	7	19.13	19.12	19.13					
5	16QAM	12	13	19.05	19.16	19.13					
5	16QAM	25	0	19.14	19.19	19.13					
5	64QAM	1	0	19.14	19.23	19.18					
5	64QAM	1	12	19.01	19.08	19.12	20	0			
5	64QAM	1	24	18.96	19.02	19.08					
5	64QAM	12	0	19.17	19.23	19.17					
5	64QAM	12	7	19.10	19.18	19.22					
5	64QAM	12	13	19.04	19.12	19.21					
5	64QAM	25	0	19.10	19.22	19.20	20	0			
Channel											
Frequency (MHz)											
3	QPSK	1	0	19.22	19.24	19.48	20	0			
3	QPSK	1	8	19.09	19.07	19.08					
3	QPSK	1	14	19.03	19.07	19.01					
3	QPSK	8	0	19.05	19.15	19.05					
3	QPSK	8	4	19.08	19.11	19.08					
3	QPSK	8	7	19.02	19.05	19.13	20	0			
3	QPSK	15	0	19.02	19.05	19.11					
3	16QAM	1	0	19.21	19.34	19.23					
3	16QAM	1	8	19.13	19.24	19.28					
3	16QAM	1	14	19.18	19.21	19.09					
3	16QAM	8	0	19.11	19.13	19.15	20	0			
3	16QAM	8	4	19.12	19.16	19.19					
3	16QAM	8	7	19.13	19.10	19.14					
3	16QAM	15	0	19.09	19.12	19.17					
3	64QAM	1	0	19.08	19.10	19.11					
3	64QAM	1	8	19.07	19.03	19.03	20	0			
3	64QAM	1	14	18.98	19.06	19.05					
3	64QAM	8	0	19.09	19.22	19.15					
3	64QAM	8	4	19.19	19.18	19.14					
3	64QAM	8	7	19.12	19.16	19.16					
3	64QAM	15	0	19.07	19.16	19.10	20	0			
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	19.38	19.37	19.56	20	0			
1.4	QPSK	1	3	19.14	19.11	19.15					
1.4	QPSK	1	5	19.10	19.12	19.07					
1.4	QPSK	3	0	19.07	19.16	19.11					
1.4	QPSK	3	1	19.14	19.11	19.14					
1.4	QPSK	3	3	19.07	19.10	19.15	20	0			
1.4	QPSK	6	0	18.99	19.11	19.03					
1.4	16QAM	1	0	19.41	19.48	19.43					
1.4	16QAM	1	3	19.42	19.45	19.40					
1.4	16QAM	1	5	19.33	19.44	19.40					
1.4	16QAM	3	0	19.17	19.22	19.14	20	0			
1.4	16QAM	3	1	19.17	19.22	19.12					
1.4	16QAM	3	3	19.06	19.19	19.07					
1.4	16QAM	6	0	19.17	19.13	19.23					
1.4	64QAM	1	0	19.35	19.31	19.25					
1.4	64QAM	1	3	19.32	19.23	19.33	20	0			
1.4	64QAM	1	5	19.26	19.29	19.31					
1.4	64QAM	3	0	19.23	19.27	19.22					
1.4	64QAM	3	1	19.27	19.32	19.29					
1.4	64QAM	3	3	19.27	19.28	19.19					
1.4	64QAM	6	0	19.12	19.12	19.12	20	0			

Band 4 (AWS Band) Part 27L (only on channel required)	
--	--

Band 7 (2600MHz Band) Part 27									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2560			
Frequency (MHz)									
20	QPSK	1	0	20.28	20.37	20.36	20.5	0	
20	QPSK	1	49	20.07	20.34	20.28			
20	QPSK	1	99	20.13	20.31	20.32			
20	QPSK	50	0	19.98	20.20	20.16	20.5	0	
20	QPSK	50	24	19.97	20.24	20.15			
20	QPSK	50	50	20.01	20.31	20.22			
20	QPSK	100	0	20.09	20.26	20.15	20.5	0	
20	16QAM	1	0	20.14	20.22	20.33			
20	16QAM	1	49	20.25	20.36	20.36			
20	16QAM	1	99	20.14	20.21	20.33	20.5	0	
20	16QAM	50	0	20.02	20.19	20.24			
20	16QAM	50	24	20.01	20.24	20.22			
20	16QAM	50	50	20.04	20.15	20.21	20.5	0	
20	16QAM	100	0	20.08	20.19	20.12			
20	64QAM	1	0	20.27	20.29	20.32			
20	64QAM	1	49	20.11	20.36	20.29	20.5	0	
20	64QAM	1	99	20.29	20.29	20.35			
20	64QAM	50	0	19.98	20.20	20.19			
20	64QAM	50	24	19.97	20.15	20.16	20.5	0	
20	64QAM	50	50	20.04	20.14	20.23			
20	64QAM	100	0	20.05	20.18	20.12			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	0	19.99	20.19	20.24	20.5	0	
15	QPSK	1	37	19.91	20.26	20.26			
15	QPSK	1	74	20.02	20.27	20.28			
15	QPSK	36	0	19.95	20.13	20.17	20.5	0	
15	QPSK	36	20	19.98	20.19	20.24			
15	QPSK	36	39	19.89	20.12	20.13			
15	QPSK	75	0	19.88	20.12	20.22	20.5	0	
15	16QAM	1	0	20.08	20.28	20.28			
15	16QAM	1	37	20.20	20.22	20.30			
15	16QAM	1	74	20.20	20.32	20.31	20.5	0	
15	16QAM	36	0	19.92	20.13	20.19			
15	16QAM	36	20	19.93	20.24	20.26			
15	16QAM	36	39	19.92	20.12	20.17	20.5	0	
15	16QAM	75	0	19.87	20.15	20.22			
15	64QAM	1	0	20.01	20.30	20.36			
15	64QAM	1	37	19.89	20.17	20.20	20.5	0	
15	64QAM	1	74	20.08	20.37	20.33			
15	64QAM	36	0	20.00	20.15	20.14			
15	64QAM	36	20	19.95	20.20	20.20	20.5	0	
15	64QAM	36	39	19.94	20.13	20.15			
15	64QAM	75	0	19.90	20.10	20.21			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	0	19.88	19.98	20.12	20.5	0	
10	QPSK	1	25	20.08	20.31	20.20			
10	QPSK	1	49	20.16	20.16	20.29			
10	QPSK	25	0	19.95	20.13	20.20	20.5	0	
10	QPSK	25	12	19.91	20.12	20.20			
10	QPSK	25	25	19.93	20.07	20.19			
10	QPSK	50	0	19.98	20.05	20.23	20.5	0	
10	16QAM	1	0	20.02	20.24	20.33			
10	16QAM	1	25	20.08	20.13	20.25			
10	16QAM	1	49	20.34	20.18	20.16	20.5	0	
10	16QAM	25	0	20.01	20.12	20.27			
10	16QAM	25	12	19.95	20.05	20.18			
10	16QAM	25	25	19.94	20.04	20.11	20.5	0	
10	16QAM	50	0	19.99	20.14	20.17			
10	64QAM	1	0	20.31	20.33	20.30			
10	64QAM	1	25	20.04	20.16	20.35	20.5	0	
10	64QAM	1	49	20.21	20.28	19.95			
10	64QAM	25	0	19.97	20.11	20.12			
10	64QAM	25	12	19.98	20.20	20.22	20.5	0	
10	64QAM	25	25	19.94	20.10	20.16			
10	64QAM	50	0	19.85	20.15	20.19			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	0	19.88	20.16	20.20	20.5	0	
5	QPSK	1	12	20.04	20.12	20.14			
5	QPSK	1	24	20.00	20.15	20.26			
5	QPSK	12	0	20.00	20.04	20.20	20.5	0	
5	QPSK	12	7	19.87	20.06	20.18			
5	QPSK	12	13	19.89	20.06	20.15			
5	QPSK	25	0	19.92	20.10	20.23	20.5	0	
5	16QAM	1	0	20.27	20.33	20.30			
5	16QAM	1	12	20.23	20.26	20.19			
5	16QAM	1	24	20.14	20.35	20.36	20.5	0	
5	16QAM	12	0	20.01	20.04	20.17			
5	16QAM	12	7	19.94	20.11	20.19			
5	16QAM	12	13	19.97	20.01	20.17	20.5	0	
5	16QAM	25	0	19.95	20.06	20.19			
5	64QAM	1	0	20.11	20.31	20.29			
5	64QAM	1	12	20.06	20.15	20.37	20.5	0	
5	64QAM	1	24	20.01	20.19	20.26			
5	64QAM	12	0	20.05	20.03	20.23			
5	64QAM	12	7	19.95	20.09	20.19	20.5	0	
5	64QAM	12	13	19.97	20.10	20.12			
5	64QAM	25	0	19.88	20.03	20.21			

Band 66										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 132072	Power Middle Ch. / Freq. 132322	Power High Ch. / Freq. 132572	Tune-up limit (dBm)	MPR (dB)		
Channel				1720	1745	1770				
Frequency (MHz)										
20	QPSK	1	0	17.45	17.63	17.60	18		0	
20	QPSK	1	49	17.56	17.82	17.60				
20	QPSK	1	99	17.65	17.85	17.62				
20	QPSK	50	0	17.16	17.34	17.18				
20	QPSK	50	24	17.22	17.37	17.25	18		0	
20	QPSK	50	50	17.29	17.39	17.30				
20	QPSK	100	0	17.18	17.34	17.29				
20	16QAM	1	0	17.34	17.61	17.42				
20	16QAM	1	49	17.36	17.54	17.41	18		0	
20	16QAM	1	99	17.80	17.80	17.67				
20	16QAM	50	0	17.15	17.28	17.23				
20	16QAM	50	24	17.17	17.33	17.24	18		0	
20	16QAM	50	50	17.31	17.35	17.11				
20	16QAM	100	0	17.18	17.32	17.24				
20	64QAM	1	0	17.26	17.47	17.33	18		0	
20	64QAM	1	49	17.27	17.41	17.32				
20	64QAM	1	99	17.68	17.75	17.58				
20	64QAM	50	0	17.15	17.29	17.20				
20	64QAM	50	24	17.22	17.33	17.25	18		0	
20	64QAM	50	50	17.31	17.39	17.11				
20	64QAM	100	0	17.16	17.29	17.23				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	17.24	17.40	17.43	18		0	
15	QPSK	1	37	17.49	17.73	17.57				
15	QPSK	1	74	17.38	17.52	17.31				
15	QPSK	36	0	17.17	17.33	17.18				
15	QPSK	36	20	17.15	17.30	17.16	18		0	
15	QPSK	36	39	17.07	17.28	17.09				
15	QPSK	75	0	17.17	17.26	17.12				
15	16QAM	1	0	17.63	17.63	17.50				
15	16QAM	1	37	17.52	17.64	17.30	18		0	
15	16QAM	1	74	17.51	17.59	17.45				
15	16QAM	36	0	17.17	17.29	17.18				
15	16QAM	36	20	17.18	17.26	17.12	18		0	
15	16QAM	36	39	17.11	17.25	17.08				
15	16QAM	75	0	17.15	17.27	17.15				
15	64QAM	1	0	17.53	17.75	17.62	18		0	
15	64QAM	1	37	17.19	17.33	17.09				
15	64QAM	1	74	17.41	17.41	17.35				
15	64QAM	36	0	17.19	17.35	17.22	18		0	
15	64QAM	36	20	17.19	17.35	17.11				
15	64QAM	36	39	17.10	17.29	17.08				
15	64QAM	75	0	17.18	17.32	17.13				
Channel				132022	132322	132622				
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	17.29	17.54	17.34	18		0	
10	QPSK	1	25	17.50	17.49	17.44				
10	QPSK	1	49	17.62	17.65	17.19				
10	QPSK	25	0	17.06	17.07	17.13				
10	QPSK	25	12	17.10	17.12	17.06	18		0	
10	QPSK	25	25	17.14	17.15	17.04				
10	QPSK	50	0	17.09	17.13	17.06				
10	16QAM	1	0	16.87	16.86	17.07				
10	16QAM	1	25	17.43	17.46	17.29	18		0	
10	16QAM	1	49	17.74	17.74	17.23				
10	16QAM	25	0	17.07	17.00	17.11				
10	16QAM	25	12	17.08	17.16	16.96	18		0	
10	16QAM	25	25	17.20	17.18	16.98				
10	16QAM	50	0	17.10	17.11	16.99				
10	64QAM	1	0	16.71	16.68	17.61	18		0	
10	64QAM	1	25	17.17	17.21	16.96				
10	64QAM	1	49	17.65	17.64	17.18				
10	64QAM	25	0	17.08	16.97	17.16	18		0	
10	64QAM	25	12	17.11	17.16	16.92				
10	64QAM	25	25	17.23	17.17	16.94				
10	64QAM	50	0	17.09	17.11	17.00				
Channel				131997	132322	132647				
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	17.09	17.33	17.35	18		0	
5	QPSK	1	12	17.33	17.34	17.00				
5	QPSK	1	24	17.30	17.27	16.97				
5	QPSK	12	0	17.14	17.15	16.90				
5	QPSK	12	7	17.16	17.06	16.82	18		0	
5	QPSK	12	13	16.99	17.07	16.75				
5	QPSK	25	0	17.14	17.10	16.84				
5	16QAM	1	0	17.51	17.51	17.33				
5	16QAM	1	12	17.37	17.33	17.09	18		0	
5	16QAM	1	24	17.38	17.36	17.04				
5	16QAM	12	0	17.20	17.21	16.89				
5	16QAM	12	7	17.14	17.12	16.82	18		0	
5	16QAM	12	13	17.06	17.09	16.80				
5	16QAM	25	0	17.14	17.12	16.85				
5	64QAM	1	0	17.35	17.32	17.16	18		0	
5	64QAM	1	12	17.22	17.21	17.01				
5	64QAM	1	24	17.16	17.20	17.01				
5	64QAM	12	0	17.18	17.20	16.92	18		0	
5	64QAM	12	7	17.17	17.11	16.84				
5	64QAM	12	13	17.07	17.08	16.77				
5	64QAM	25	0	17.19	17.13	16.88				
Channel				131987	132322	132657				Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	16.89	17.14	17.04	18		0	
3	QPSK	1	8	17.10	17.08	16.73				
3	QPSK	1	14	17.03	16.98	16.69				
3	QPSK	8	0	17.10	17.12	16.77				
3	QPSK	8	7	17.13	17.11	16.70	18		0	
3	QPSK	8	7	17.08	17.03	16.79				
3	QPSK	15	0	17.08	17.10	16.78				
3	16QAM	1	0	17.42	17.51	17.28				
3	16QAM	1	8	17.46	17.48	17.12	18		0	
3	16QAM	1	14	17.38	17.34	17.08				
3	16QAM	8	0	17.14	17.20	16.80				
3	16QAM	8	4	17.18	17.21	16.84	18		0	
3	16QAM	8	7	17.14	17.17	16.81				
3	16QAM	15	0	17.09	17.11	16.94				
3	64QAM	1	0	17.28	17.32	17.00	18		0	
3	64QAM	1	8	17.24	17.26	16.94				
3	64QAM	8	0	17.16	17.15	16.83				
3	64QAM	8	4	17.15	17.16	16.85	18		0	
3	64QAM	8	7	17.12	17.07	16.78				
3	64QAM	15	0	17.09	17.11	16.84				
Channel				131977	132322	132655	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	16.91	17.10	16.93	18		0	
1.4	QPSK	1	3	17.17	17.13	16.81				
1.4	QPSK	1	5	17.06	17.03	16.70				
1.4	QPSK	3	1	17.08	17.12	16.74				
1.4	QPSK	3	1	17.09	17.15	16.77	18		0	
1.4	QPSK	3	3	17.10	17.06	16.77				
1.4	QPSK	6	0	17.07	17.09	16.74				
1.4	16QAM	1	0	17.43	17.43	17.13				
1.4	16QAM	1	0	17.46	17.46	17.14	18		0	
1.4	16QAM	1	8	17.45	17.45	17.13				
1.4	16QAM	3	0	17.16	17.12	16.82				
1.4	16QAM	3	1	17.17	17.12	16.88	18		0	
1.4	16QAM	3	3	17.14	17.09	16.84				
1.4	16QAM	6	0	17.07	17.13	16.81				
1.4	64QAM	1	0	17.24	17.28	16.95	18		0	
1.4	64QAM	1	3	17.23	17.24	16.96				
1.4	64QAM	3	5	17.29	17.21	16.97				
1.4	64QAM	3	3	17.24	17.23	16.98	18		0	
1.4	64QAM	3	3	17.30	17.33	16.98				
1.4	64QAM	3	3	17.22	17.23	16.90				
1.4	64QAM	6	0	17.12	17.12	16.82	18	0	0	

Reduced Power Mode for Handheld On

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1553.2	1580	1609.8		1553.2	1580	1609.8	
Frequency (MHz)	28.23	28.12	28.25	28.50	19.23	19.12	19.25	19.50
GSM 1 Tx slot	28.21	28.11	28.24	28.50	19.21	19.11	19.24	19.50
GPRS 2 Tx slots	26.99	27.12	27.03	28.00	20.99	21.12	21.03	22.00
GPRS 3 Tx slots	24.85	24.66	24.83	26.00	20.59	20.40	20.57	21.74
GPRS 4 Tx slots	22.53	22.51	22.53	23.50	19.53	19.51	19.53	20.50
EDGE 1 Tx slot	23.54	23.87	23.70	25.50	14.54	14.87	14.70	16.50
EDGE 2 Tx slots	22.62	22.76	22.57	24.50	16.62	16.76	16.57	18.50
EDGE 3 Tx slots	20.51	20.48	20.42	22.00	16.25	16.22	16.16	17.74
EDGE 4 Tx slots	18.16	18.38	18.25	19.50	15.16	15.38	15.25	16.50

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
TX Channel	9662	9800	9938		1537	1638	1738	
Rx Channel	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
Frequency (MHz)	21.63	21.71	21.63	22.00	21.64	21.67	21.63	22.00
3GPP Rel 99 AMR 12.2Kbps	21.64	21.73	21.64	22.00	21.66	21.68	21.64	22.00
3GPP Rel 99 RMC 12.2Kbps	20.44	20.53	20.39	21.00	20.53	20.57	20.67	21.00
3GPP Rel 6 HSDPA Subtest-1	20.47	20.52	20.42	21.00	20.50	20.62	20.63	21.00
3GPP Rel 6 HSDPA Subtest-2	19.86	19.97	19.94	20.50	19.96	20.08	20.14	20.50
3GPP Rel 6 HSDPA Subtest-3	19.87	19.98	19.86	20.50	19.97	20.07	20.19	20.50
3GPP Rel 6 HSDPA Subtest-4	20.41	20.60	20.60	21.00	20.54	20.72	20.74	21.00
3GPP Rel 8 DC-HSDPA Subtest-1	20.40	20.60	20.70	21.00	20.55	20.69	20.77	21.00
3GPP Rel 8 DC-HSDPA Subtest-2	19.94	20.10	20.33	20.50	20.01	20.15	20.39	20.50
3GPP Rel 8 DC-HSDPA Subtest-3	19.91	20.03	20.16	20.50	20.05	20.05	20.24	20.50
3GPP Rel 8 DC-HSDPA Subtest-4	20.48	20.52	20.45	21.00	20.48	20.52	20.52	21.00
3GPP Rel 6 HSUPA Subtest-1	18.50	18.46	18.44	19.00	18.48	18.55	18.55	19.00
3GPP Rel 6 HSUPA Subtest-2	19.46	19.50	19.48	20.00	19.48	19.91	19.56	20.00
3GPP Rel 6 HSUPA Subtest-3	18.39	18.50	18.45	19.00	18.49	18.92	18.59	19.00
3GPP Rel 6 HSUPA Subtest-4	20.45	20.48	20.50	21.00	20.48	20.60	20.58	21.00
3GPP Rel 6 HSUPA Subtest-5								

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	22.11	22.08	22.26			
20	QPSK	1	49	21.89	22.00	21.97	22.5	0	
20	QPSK	1	99	22.08	22.05	22.15			
20	QPSK	50	0	21.80	21.92	21.94			
20	QPSK	50	24	21.80	21.89	22.06	22.5	0	
20	QPSK	50	50	21.76	21.88	21.90			
20	QPSK	100	0	21.83	22.00	22.04			
20	16QAM	1	0	22.18	22.11	22.18			
20	16QAM	1	49	22.01	22.13	22.05	22.5	0	
20	16QAM	1	99	22.20	22.25	22.13			
20	16QAM	50	0	21.26	21.39	21.46			
20	16QAM	50	24	21.27	21.40	21.50	22	0.5	
20	16QAM	50	50	21.26	21.44	21.46			
20	16QAM	100	0	21.33	21.47	21.46			
20	64QAM	1	0	21.60	21.69	21.83			
20	64QAM	1	49	21.45	21.51	21.52	22	0.5	
20	64QAM	1	99	21.63	21.63	21.67			
20	64QAM	50	0	20.26	20.42	20.39			
20	64QAM	50	24	20.31	20.45	20.52	21	1.5	
20	64QAM	50	50	20.30	20.46	20.41			
20	64QAM	100	0	20.35	20.43	20.41			
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	21.75	21.71	22.01			
15	QPSK	1	37	21.74	21.85	21.82	22.5	0	
15	QPSK	1	74	21.99	22.04	22.02			
15	QPSK	36	0	21.72	21.84	21.93			
15	QPSK	36	20	21.77	21.91	21.91	22.5	0	
15	QPSK	36	39	21.73	21.91	21.96			
15	QPSK	75	0	21.70	21.93	21.92			
15	16QAM	1	0	22.22	22.17	22.20			
15	16QAM	1	37	21.97	22.12	22.03	22.5	0	
15	16QAM	1	74	22.23	22.21	22.23			
15	16QAM	36	0	21.25	21.31	21.44			
15	16QAM	36	20	21.31	21.41	21.35	22	0.5	
15	16QAM	36	39	21.29	21.37	21.37			
15	16QAM	75	0	21.23	21.47	21.43			
15	64QAM	1	0	21.71	21.73	21.77			
15	64QAM	1	37	21.25	21.30	21.32	22	0.5	
15	64QAM	1	74	21.74	21.80	21.71			
15	64QAM	36	0	20.28	20.35	20.44			
15	64QAM	36	20	20.31	20.37	20.45	21	1.5	
15	64QAM	36	39	20.34	20.44	20.43			
15	64QAM	75	0	20.19	20.44	20.46			
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	21.78	21.84	22.02			
10	QPSK	1	25	21.52	21.59	21.66	22.5	0	
10	QPSK	1	49	21.84	21.95	21.98			
10	QPSK	25	0	21.55	21.72	21.72			
10	QPSK	25	12	21.51	21.72	21.62	22.5	0	
10	QPSK	25	25	21.64	21.69	21.75			
10	QPSK	50	0	21.59	21.71	21.68			
10	16QAM	1	0	22.12	22.23	22.07			
10	16QAM	1	25	21.89	21.98	21.87	22.5	0	
10	16QAM	1	49	22.05	22.23	22.03			
10	16QAM	25	0	21.12	21.25	21.22			
10	16QAM	25	12	21.12	21.15	21.14	22	0.5	
10	16QAM	25	25	21.15	21.19	21.19			
10	16QAM	50	0	21.11	21.24	21.19			
10	64QAM	1	0	21.53	21.57	21.53			
10	64QAM	1	25	21.15	21.25	21.20	22	0.5	
10	64QAM	1	49	21.49	21.56	21.52			
10	64QAM	25	0	20.15	20.25	20.27			
10	64QAM	25	12	20.14	20.16	20.14	21	1.5	
10	64QAM	25	25	20.23	20.25	20.23			
10	64QAM	50	0	20.12	20.25	20.17			
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	21.70	21.81	21.90			
5	QPSK	1	12	21.50	21.56	21.68	22.5	0	
5	QPSK	1	24	21.52	21.54	21.67			
5	QPSK	12	0	21.62	21.72	21.64			
5	QPSK	12	7	21.56	21.64	21.64	22.5	0	
5	QPSK	12	13	21.55	21.58	21.61			
5	QPSK	25	0	21.62	21.66	21.67			
5	16QAM	1	0	21.98	22.09	21.95			
5	16QAM	1	12	21.83	21.89	21.87	22.5	0	
5	16QAM	1	24	21.82	21.87	21.90			
5	16QAM	12	0	21.18	21.22	21.20			
5	16QAM	12	7	21.13	21.16	21.16	22	0.5	
5	16QAM	12	13	21.08	21.12	21.16			
5	16QAM	25	0	21.14	21.15	21.19			
5	64QAM	1	0	21.40	21.45	21.35			
5	64QAM	1	12	21.23	21.32	21.30	22	0.5	
5	64QAM	1	24	21.17	21.27	21.20			
5	64QAM	12	0	20.21	20.25	20.25			
5	64QAM	12	7	20.15	20.20	20.25	21	1.5	
5	64QAM	12	13	20.05	20.12	20.21			
5	64QAM	25	0	20.11	20.17	20.26			
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	21.74	21.80	22.06			
3	QPSK	1	8	21.58	21.64	21.60	22.5	0	
3	QPSK	1	14	21.50	21.55	21.57			
3	QPSK	8	0	21.57	21.63	21.59			
3	QPSK	8	4	21.58	21.63	21.65	22.5	0	
3	QPSK	8	7	21.49	21.57	21.57			
3	QPSK	15	0	21.55	21.60	21.64			
3	16QAM	1	0	21.93	22.07	21.96			
3	16QAM	1	8	21.87	21.95	21.98	22.5	0	
3	16QAM	1	14	21.86	21.92	21.86			
3	16QAM	8	0	21.17	21.20	21.16			
3	16QAM	8	4	21.13	21.18	21.16	22	0.5	
3	16QAM	8	7	21.11	21.15	21.08			
3	16QAM	15	0	21.07	21.15	21.17			
3	64QAM	1	0	21.29	21.37	21.30			
3	64QAM	1	8	21.32	21.31	21.21	22	0.5	
3	64QAM	1	14	21.19	21.26	21.26			
3	64QAM	8	0	20.13	20.17	20.16			
3	64QAM	8	4	20.16	20.18	20.18	21	1.5	
3	64QAM	8	7	20.09	20.13	20.15			
3	64QAM	15	0	20.12	20.16	20.13			
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	21.86	21.84	22.06			
1.4	QPSK	1	3	21.65	21.65	21.61	22.5	0	
1.4	QPSK	1	5	21.59	21.64	21.48			
1.4	QPSK	3	0	21.62	21.64	21.61			
1.4	QPSK	3	1	21.63	21.64	21.66			
1.4	QPSK	3	3	21.61	21.60	21.62			
1.4	QPSK	6	0	21.56	21.65	21.61	22.5	0	
1.4	16QAM	1	0	21.94	22.01	21.94			
1.4	16QAM	1	3	21.94	22.02	22.03			
1.4	16QAM	1	5	21.87	21.95	21.91	22.5	0	
1.4	16QAM	3	0	21.70	21.71	21.59			
1.4	16QAM	3	1	21.68	21.74	21.59			
1.4	16QAM	3	3	21.63	21.67	21.58			
1.4	16QAM	6	0	21.21	21.21	21.25	22	0.5	
1.4	64QAM	1	0	21.34	21.36	21.29			
1.4	64QAM	1	3	21.31	21.33	21.32			
1.4	64QAM	1	5	21.31	21.30	21.26	22	0.5	
1.4	64QAM	3	0	21.27	21.29	21.23			
1.4	64QAM	3	1	21.34	21.34	21.28			
1.4	64QAM	3	3	21.28	21.33	21.23			
1.4	64QAM	6	0	20.16	20.16	20.10	21	1.5	

Band 4 (AWS Band)									
Part 27L (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				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	21.68	21.76	21.77			
20	QPSK	1	49	22.05	22.14	22.01	22.5	0	
20	QPSK	1	99	21.72	21.82	21.81			
20	QPSK	50	0	21.62	21.82	21.80			
20	QPSK	50	24	21.60	21.78	21.74	22.5	0	
20	QPSK	50	50	21.50	21.59	21.68			
20	QPSK	100	0	21.62	21.73	21.71			
20	16QAM	1	0	21.68	21.88	21.89			
20	16QAM	1	49	21.88	21.94	21.97	22.5	0	
20	16QAM	1	99	21.77	21.89	21.83			
20	16QAM	50	0	21.09	21.27	21.26			
20	16QAM	50	24	21.18	21.28	21.23	22	0.5	
20	16QAM	50	50	20.99	21.13	21.24			
20	16QAM	100	0	21.10	21.21	21.20			
20	8QAM	1	0	21.12	21.27	21.29			
20	8QAM	1	49	21.24	21.45	21.35	22	0.5	
20	8QAM	1	99	21.16	21.30	21.22			
20	8QAM	50	0	20.14	20.24	20.29			
20	8QAM	50	24	20.20	20.31	20.23	21	1.5	
20	8QAM	50	50	20.07	20.14	20.21			
20	8QAM	100	0	20.07	20.25	20.23			
Channel				19975	20100	20225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	21.34	21.40	21.50			
15	QPSK	1	37	21.51	21.69	21.70	22.5	0	
15	QPSK	1	74	21.57	21.63	21.58			
15	QPSK	36	0	21.55	21.71	21.72			
15	QPSK	36	20	21.59	21.73	21.74	22.5	0	
15	QPSK	36	39	21.51	21.64	21.63			
15	QPSK	75	0	21.53	21.73	21.73			
15	16QAM	1	0	21.63	22.02	22.06	22.5	0	
15	16QAM	1	37	21.80	22.02	21.92			
15	16QAM	1	74	21.86	21.90	21.79			
15	16QAM	36	0	21.07	21.17	21.21			
15	16QAM	36	20	21.07	21.29	21.27	22	0.5	
15	16QAM	36	39	20.98	21.14	21.11			
15	16QAM	75	0	21.06	21.22	21.21			
15	8QAM	1	0	21.30	21.45	21.48			
15	8QAM	1	37	21.13	21.36	21.39	22	0.5	
15	8QAM	1	74	21.18	21.27	21.27			
15	8QAM	36	0	20.12	20.23	20.27			
15	8QAM	36	20	20.12	20.31	20.32	21	1.5	
15	8QAM	36	39	20.09	20.21	20.15			
15	8QAM	75	0	20.04	20.23	20.21			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	21.29	21.44 <td>21.54</td> <td></td> <td></td> <td></td>	21.54			
10	QPSK	1	25	21.65	21.67	21.72	22.5	0	
10	QPSK	1	49	21.84	21.94	21.90			
10	QPSK	25	0	21.62	21.66	21.74			
10	QPSK	25	12	21.64	21.66	21.68	22.5	0	
10	QPSK	25	25	21.70	21.80	21.83			
10	QPSK	50	0	21.66	21.71	21.70			
10	16QAM	1	0	22.05	22.10	22.12	22.5	0	
10	16QAM	1	25	21.83	21.91	21.95			
10	16QAM	1	49	22.05	22.12	22.06			
10	16QAM	25	0	21.07	21.18	21.25	22	0.5	
10	16QAM	25	12	21.13	21.18	21.17			
10	16QAM	25	25	21.19	21.30	21.33			
10	16QAM	50	0	21.21	21.23	21.26			
10	16QAM	1	0	21.50	21.63	21.62	22	0.5	
10	8QAM	1	25	21.22	21.26	21.24			
10	8QAM	1	49	21.60	21.77	21.74			
10	8QAM	25	0	20.09	20.15	20.30			
10	8QAM	25	12	20.15	20.20	20.20	21	1.5	
10	8QAM	25	25	20.21	20.33	20.36			
10	8QAM	50	0	20.23	20.26	20.26			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	21.36	21.39	21.39	22.5	0	
5	QPSK	1	12	21.47	21.64	21.61			
5	QPSK	1	24	21.63	21.66	21.71			
5	QPSK	12	0	21.62	21.70	21.69	22.5	0	
5	QPSK	12	7	21.56	21.63	21.65			
5	QPSK	12	13	21.56	21.66	21.67			
5	QPSK	25	0	21.56	21.67	21.71			
5	16QAM	1	0	21.97	22.01	22.00	22.5	0	
5	16QAM	1	12	21.80	21.90	21.83			
5	16QAM	1	24	21.94	21.97	21.94			
5	16QAM	12	0	21.19	21.27	21.19			
5	16QAM	12	7	21.04	21.17	21.20	22	0.5	
5	16QAM	12	13	21.07	21.17	21.23			
5	16QAM	25	0	21.08	21.15	21.20			
5	8QAM	1	0	21.34	21.41	21.41	22	0.5	
5	8QAM	1	12	21.29	21.26	21.28			
5	8QAM	1	24	21.20	21.29	21.29			
5	8QAM	12	0	20.20	20.24	20.23			
5	8QAM	12	7	20.10	20.24	20.21	21	1.5	
5	8QAM	12	13	20.05	20.16	20.21			
5	8QAM	25	0	20.06	20.20	20.20			
Channel				19995	20175	20395	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	21.26	21.53	21.39	22.5	0	
3	QPSK	1	8	21.61	21.60	21.61			
3	QPSK	1	14	21.46	21.64	21.67			
3	QPSK	8	0	21.56	21.63	21.62	22.5	0	
3	QPSK	8	4	21.61	21.69	21.68			
3	QPSK	8	7	21.46	21.59	21.63			
3	QPSK	15	0	21.57	21.61	21.63			
3	16QAM	1	0	21.93	22.01	21.98	22.5	0	
3	16QAM	1	8	21.92	21.95	21.95			
3	16QAM	1	14	21.78	21.87	21.94			
3	16QAM	8	0	21.11	21.17	21.18			
3	16QAM	8	4	21.10	21.20	21.17	22	0.5	
3	16QAM	8	7	21.03	21.17	21.20			
3	16QAM	15	0	21.11	21.18	21.16			
3	8QAM	1	0	21.21	21.32	21.32	22	0.5	
3	8QAM	1	1	21.24	21.29	21.29			
3	8QAM	1	14	21.13	21.28	21.29			
3	8QAM	8	0	20.11	20.23	20.24			
3	8QAM	8	4	20.17	20.19	20.20	21	1.5	
3	8QAM	8	7	20.00	20.16	20.19			
3	8QAM	15	0	20.05	20.14	20.17			
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	21.35	21.50	21.51	22.5	0	
1.4	QPSK	1	3	21.61	21.62	21.70			
1.4	QPSK	1	5	21.57	21.66	21.64			
1.4	QPSK	3	0	21.63	21.64	21.71			
1.4	QPSK	3	1	21.64	21.72	21.67			
1.4	QPSK	3	3	21.66	21.66	21.65	22.5	0	
1.4	QPSK	6	0	21.53	21.63	21.62			
1.4	16QAM	1	0	21.85	21.97	22.08			
1.4	16QAM	1	3	21.94	22.00	22.06			
1.4	16QAM	1	5	21.66	21.96	21.98	22.5	0	
1.4	16QAM	3	0	21.61	21.75	21.67			
1.4	16QAM	3	1	21.63	21.70	21.69			
1.4	16QAM	3	3	21.61	21.67	21.66			
1.4	8QAM	1	0	21.11	21.22	21.20	22	0.5	
1.4	8QAM	1	0	21.23	21.35	21.31			
1.4	8QAM	1	3	21.23	21.30	21.30			
1.4	8QAM	1	5	21.23	21.30	21.33	22	0.5	
1.4	8QAM	3	0	21.17	21.29	21.24			
1.4	8QAM	3	1	21.26	21.31	21.34			
1.4	8QAM	3	3	21.19	21.31	21.31			
1.4	8QAM	6	0	20.09	20.16	20.26	21	1.5	

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				2510	2535	2560	21.5	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.13	21.27	21.21			
20	QPSK	1	49	20.90	21.15	21.09	21.5 <td colspan="2" rowspan="3">0</td>	0	
20	QPSK	1	99	20.96	21.17	21.20			
20	QPSK	50	0	20.99	21.21	21.18			
20	QPSK	50	24	21.03	21.19	21.23	21.5 <td colspan="2" rowspan="3">0</td>	0	
20	QPSK	50	50	21.06	21.25	21.24			
20	QPSK	100	0	21.08	21.22	21.20			
20	16QAM	1	0	20.93	20.98	21.14	21.5 <td colspan="2" rowspan="3">0</td>	0	
20	16QAM	1	49	21.00	21.11	21.15			
20	16QAM	1	99	20.93	20.99	21.07			
20	16QAM	50	0	20.65	20.86	20.90	21.5 <td colspan="2" rowspan="3">0</td>	0	
20	16QAM	50	24	20.67	20.88	20.87			
20	16QAM	50	50	20.70	20.83	20.89			
20	16QAM	100	0	20.71	20.85	20.83	21 <td colspan="2" rowspan="3">0.5</td>	0.5	
20	64QAM	1	0	20.89	20.97	20.97			
20	64QAM	1	49	20.79	21.00	20.93			
20	64QAM	1	99	20.92	21.06	21.00	21 <td colspan="2" rowspan="3">0.5</td>	0.5	
20	64QAM	50	0	20.50	20.70	20.68			
20	64QAM	50	24	20.51	20.69	20.72			
20	64QAM	50	50	20.55	20.67	20.72	21 <td colspan="2" rowspan="2">0.5</td>	0.5	
20	64QAM	100	0	20.57	20.65	20.68			
Channel				25025	25350	25675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	21.5	0	
15	QPSK	1	0	20.85	21.07	21.15			
15	QPSK	1	37	20.81	21.13	21.15			
15	QPSK	1	74	20.86	21.13	21.11	21.5 <td colspan="2" rowspan="3">0</td>	0	
15	QPSK	36	0	20.93	21.14	21.20			
15	QPSK	36	20	20.94	21.21	21.20			
15	QPSK	36	39	20.95	21.10	21.18	21.5 <td colspan="2" rowspan="3">0</td>	0	
15	QPSK	75	0	20.92	21.15	21.20			
15	16QAM	1	0	20.88	21.02	21.05			
15	16QAM	1	37	20.96	21.06	21.06	21.5 <td colspan="2" rowspan="3">0</td>	0	
15	16QAM	1	74	20.97	21.08	21.08			
15	16QAM	36	0	20.65	20.80	20.82			
15	16QAM	36	20	20.57	20.84	20.88	21.5 <td colspan="2" rowspan="3">0</td>	0	
15	16QAM	36	39	20.63	20.76	20.85			
15	16QAM	75	0	20.55	20.79	20.87			
15	64QAM	1	0	20.65	20.93	21.04	21.5 <td colspan="2" rowspan="3">0</td>	0	
15	64QAM	1	37	20.54	20.80	20.85			
15	64QAM	1	74	20.78	20.99	20.99			
15	64QAM	36	0	20.47	20.63	20.65	21 <td colspan="2" rowspan="3">0.5</td>	0.5	
15	64QAM	36	20	20.45	20.69	20.75			
15	64QAM	36	39	20.46	20.67	20.70			
15	64QAM	75	0	20.38	20.62	20.72	21	0.5	
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	21.5	0	
10	QPSK	1	0	20.71	20.92	21.01			
10	QPSK	1	25	20.92	21.12	21.06			
10	QPSK	1	49	20.96	21.04	21.12	21.5 <td colspan="2" rowspan="3">0</td>	0	
10	QPSK	25	0	21.00	21.12	21.22			
10	QPSK	25	12	20.98	21.10	21.24			
10	QPSK	25	25	20.95	21.06	21.24	21.5 <td colspan="2" rowspan="3">0</td>	0	
10	QPSK	50	0	20.97	21.07	21.20			
10	16QAM	1	0	21.16	21.03	21.10			
10	16QAM	1	25	20.83	20.90	21.03	21.5 <td colspan="2" rowspan="3">0</td>	0	
10	16QAM	1	49	21.03	21.16	20.93			
10	16QAM	25	0	20.66	20.79	20.89			
10	16QAM	25	12	20.59	20.74	20.82	21.5 <td colspan="2" rowspan="3">0</td>	0	
10	16QAM	25	25	20.61	20.71	20.79			
10	16QAM	50	0	20.65	20.80	20.82			
10	64QAM	1	0	20.99	21.00	21.07	21.5 <td colspan="2" rowspan="3">0</td>	0	
10	64QAM	1	25	20.65	20.88	21.01			
10	64QAM	1	49	20.89	20.91	21.00			
10	64QAM	25	0	20.51	20.64	20.73	21 <td colspan="2" rowspan="3">0.5</td>	0.5	
10	64QAM	25	12	20.45	20.57	20.64			
10	64QAM	25	25	20.48	20.54	20.69			
10	64QAM	50	0	20.46	20.61	20.73	21	0.5	
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	21.5	0	
5	QPSK	1	0	20.76	20.98	21.09			
5	QPSK	1	12	20.90	21.02	21.00			
5	QPSK	1	24	20.86	21.07	21.14	21.5 <td colspan="2" rowspan="3">0</td>	0	
5	QPSK	12	0	21.00	21.07	21.22			
5	QPSK	12	7	20.96	21.08	21.21			
5	QPSK	12	13	20.92	21.06	21.14	21.5 <td colspan="2" rowspan="3">0</td>	0	
5	QPSK	25	0	20.94	21.05	21.22			
5	16QAM	1	0	21.03	21.12	21.11			
5	16QAM	1	12	20.99	21.05	20.97	21.5 <td colspan="2" rowspan="3">0</td>	0	
5	16QAM	1	24	20.94	21.08	21.10			
5	16QAM	12	0	20.71	20.73	20.89			
5	16QAM	12	7	20.63	20.77	20.91	21.5 <td colspan="2" rowspan="3">0</td>	0	
5	16QAM	12	13	20.63	20.73	20.82			
5	16QAM	25	0	20.63	20.75	20.85			
5	64QAM	1	0	20.81	20.93	21.01	21.5 <td colspan="2" rowspan="3">0</td>	0	
5	64QAM	1	12	20.72	20.86	20.97			
5	64QAM	1	24	20.68	20.81	20.96			
5	64QAM	12	0	20.54	20.58	20.71	21 <td colspan="2" rowspan="3">0.5</td>	0.5	
5	64QAM	12	7	20.41	20.58	20.68			
5	64QAM	12	13	20.47	20.62	20.68			
5	64QAM	25	0	20.45	20.62	20.66	21	0.5	

Band 66									
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				132072	132322	132572	22.5	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	21.87	21.98	21.92			
20	QPSK	1	49	21.92	21.96	21.95	22.5	0	
20	QPSK	1	99	22.16	22.34	22.10			
20	QPSK	50	0	21.79	21.96	21.86			
20	QPSK	50	24	21.84	22.02	21.89	22.5	0	
20	QPSK	50	50	21.92	22.08	21.97			
20	QPSK	100	0	21.85	21.96	21.90			
20	16QAM	1	0	21.82	22.08	21.92	22.5	0	
20	16QAM	1	49	21.88	22.04	21.91			
20	16QAM	1	99	22.27	22.20	22.13			
20	16QAM	50	0	21.15	21.28	21.22	22	0.5	
20	16QAM	50	24	21.21	21.35	21.25			
20	16QAM	50	50	21.27	21.38	21.12			
20	16QAM	100	0	21.16	21.29	21.25	22	0.5	
20	64QAM	1	0	21.28	21.47	21.35			
20	64QAM	1	49	21.31	21.41	21.30			
20	64QAM	1	99	21.67	21.61	21.60	21	1.5	
20	64QAM	50	0	20.12	20.31	20.21			
20	64QAM	50	24	20.18	20.37	20.24			
20	64QAM	50	50	20.31	20.36	20.14	21	1.5	
20	64QAM	100	0	20.14	20.26	20.21			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	22.5	0	
15	QPSK	1	0	21.96	21.58	21.52			
15	QPSK	1	37	21.53	21.78	21.61			
15	QPSK	1	74	21.72	21.85	21.64	22.5	0	
15	QPSK	36	0	21.68	21.87	21.70			
15	QPSK	36	20	21.63	21.76	21.61	22.5	0	
15	QPSK	36	39	21.60	21.80	21.61			
15	QPSK	75	0	21.68	21.77	21.63	22.5	0	
15	16QAM	1	0	22.14	22.12	22.02			
15	16QAM	1	37	22.00	22.14	22.11	22	0.5	
15	16QAM	1	74	22.05	22.09	21.93			
15	16QAM	36	0	21.16	21.29	21.14	22	0.5	
15	16QAM	36	20	21.17	21.30	21.16			
15	16QAM	36	39	21.10	21.24	21.07	22	0.5	
15	16QAM	75	0	21.16	21.30	21.15			
15	64QAM	1	0	21.54	21.52	21.67	22	0.5	
15	64QAM	1	37	21.36	21.36	21.61			
15	64QAM	1	74	21.44	21.55	21.35	21	1.5	
15	64QAM	36	0	20.16	20.34	20.23			
15	64QAM	36	20	20.17	20.33	20.15	21	1.5	
15	64QAM	36	39	20.11	20.29	20.13			
15	64QAM	75	0	20.17	20.29	20.17	21	1.5	
Channel				132022	132322	132627		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	22.5	0	
10	QPSK	1	0	21.52	21.59	21.43			
10	QPSK	1	25	21.54	21.57	21.40			
10	QPSK	1	49	21.71	21.68	21.58	22.5	0	
10	QPSK	25	0	21.58	21.52	21.62			
10	QPSK	25	12	21.59	21.62	21.57	22.5	0	
10	QPSK	25	25	21.64	21.63	21.53			
10	QPSK	50	0	21.55	21.61	21.58	22.5	0	
10	16QAM	1	0	21.71	21.68	21.55			
10	16QAM	1	25	21.91	21.97	21.77	22.5	0	
10	16QAM	1	49	21.80	21.68	21.71			
10	16QAM	25	0	21.11	21.09	21.08	22	0.5	
10	16QAM	25	12	21.12	21.13	20.95			
10	16QAM	25	25	21.17	21.14	21.03	22	0.5	
10	16QAM	50	0	21.05	21.09	21.00			
10	64QAM	1	0	21.12	21.11	21.60	22	0.5	
10	64QAM	1	25	21.17	21.20	21.15			
10	64QAM	1	49	20.50	20.42	21.16	21	1.5	
10	64QAM	25	0	20.15	19.86	20.15			
10	64QAM	25	12	20.15	20.20	19.92	21	1.5	
10	64QAM	25	25	20.19	20.17	19.89			
10	64QAM	50	0	20.11	20.08	20.11	21	1.5	
Channel				131997	132322	132647		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	22.5	0	
5	QPSK	1	0	21.29	21.52	21.52			
5	QPSK	1	12	21.56	21.55	21.23			
5	QPSK	1	24	21.53	21.47	21.19	22.5	0	
5	QPSK	12	0	21.61	21.68	21.39			
5	QPSK	12	7	21.62	21.59	21.21	22.5	0	
5	QPSK	12	13	21.53	21.56	21.25			
5	QPSK	25	0	21.64	21.65	21.35	22.5	0	
5	16QAM	1	0	22.02	22.02	21.74			
5	16QAM	1	12	21.89	21.87	21.63	22.5	0	
5	16QAM	1	24	21.88	21.89	21.59			
5	16QAM	12	0	21.19	21.21	20.90	22	0.5	
5	16QAM	12	7	21.19	21.16	20.84			
5	16QAM	12	13	21.05	21.10	20.76	22	0.5	
5	16QAM	25	0	21.16	21.12	20.81			
5	64QAM	1	0	21.34	21.26	21.13	22	0.5	
5	64QAM	1	12	21.23	21.25	20.97			
5	64QAM	1	24	21.18	21.19	20.96	21	1.5	
5	64QAM	12	0	20.19	20.22	19.91			
5	64QAM	12	7	20.15	20.09	19.83	21	1.5	
5	64QAM	12	13	20.01	20.10	19.82			
5	64QAM	25	0	20.16	20.12	19.89	21	1.5	
Channel				131987	132322	132657		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5	22.5	0	
3	QPSK	1	0	21.41	21.63	21.50			
3	QPSK	1	8	21.57	21.57	21.23			
3	QPSK	1	14	21.55	21.49	21.21	22.5	0	
3	QPSK	8	0	21.60	21.65	21.31			
3	QPSK	8	4	21.59	21.59	21.31	22.5	0	
3	QPSK	8	7	21.59	21.55	21.39			
3	QPSK	16	0	21.59	21.58	21.30	22.5	0	
3	16QAM	1	0	21.95	22.00	21.76			
3	16QAM	1	8	21.95	21.95	21.61	22.5	0	
3	16QAM	1	14	21.90	21.87	21.60			
3	16QAM	8	0	21.15	21.20	20.83	22	0.5	
3	16QAM	8	4	21.21	21.22	20.85			
3	16QAM	8	7	21.12	21.16	20.83	22	0.5	
3	16QAM	16	0	21.11	21.04	20.82			
3	64QAM	1	0	21.28	21.26	21.01	22	0.5	
3	64QAM	1	8	21.20	21.22	20.94			
3	64QAM	1	14	21.23	21.18	20.91	21	1.5	
3	64QAM	8	0	20.13	20.15	19.82			
3	64QAM	8	4	20.17	20.16	19.84	21	1.5	
3	64QAM	8	7	20.11	20.06	19.78			
3	64QAM	16	0	20.09	20.11	19.80	21	1.5	
Channel				131979	132322	132665		Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.5	1745	1779.5	22.5	0	
1.4	QPSK	1	0	21.38	21.58	21.30			
1.4	QPSK	1	3	21.65	21.58	21.30			
1.4	QPSK	1	5	21.55	21.53	21.17	22.5	0	
1.4	QPSK	3	0	21.58	21.58	21.28			
1.4	QPSK	3	1	21.60	21.64	21.28	22.5	0	
1.4	QPSK	3	3	21.56	21.58	21.25			
1.4	QPSK	6	0	21.57	21.59	21.26	22.5	0	
1.4	16QAM	1	0	21.92	21.94	21.63			
1.4	16QAM	1	3	21.96	21.97	21.66	22.5	0	
1.4	16QAM	1	5	21.97	21.96	21.58			
1.4	16QAM	3	0	21.65	21.63	21.32	22	0.5	
1.4	16QAM	3	1	21.67	21.67	21.36			
1.4	16QAM	3	3	21.62	21.57	21.31	22	0.5	
1.4	16QAM	6	0	21.08	21.12	20.79			
1.4	64QAM	1	0	21.28	21.26	20.96	22	0.5	
1.4	64QAM	1	3	21.23	21.25	20.93			
1.4	64QAM	1	5	21.26	21.20	20.90	22	0.5	
1.4	64QAM	3	0	21.21	21.25	20.94			
1.4	64QAM	3	1	21.34	21.29	20.96	21	1.5	
1.4	64QAM	3	3	21.24	21.25	20.88			
1.4	64QAM	6	0	20.13	20.09	19.80	21	1.5	



WLAN/Bluetooth Power

2.4GHz WLAN				Full Power Body Worn & Hotspot & Handheld		At Head		Duty Cycle %
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11b 1Mbps	1	2412	17.10	18.00	17.10	18.00	98.83
		6	2437	17.20	18.00	17.20	18.00	
		11	2462	17.10	18.00	17.10	18.00	
	802.11g 6Mbps	1	2412	18.00	19.00	17.00	18.00	98.27
		6	2437	18.10	19.00	17.10	18.00	
		11	2462	15.70	17.00	15.70	17.00	
	802.11n-HT20 MCS0	1	2412	17.50	18.50	17.00	18.00	97.78
		6	2437	17.80	18.50	17.10	18.00	
		11	2462	15.70	17.00	15.70	17.00	

5.2GHz WLAN				Full Power & At Head & Handheld		At Body worn&Hotspot		Duty Cycle %
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	36	5180	17.93	19.00	14.74	16.00	98.27
		40	5200	17.83	19.00	15.15	16.00	
		44	5220	17.89	19.00	15.25	16.00	
		48	5240	17.90	19.00	15.30	16.00	
	802.11n-HT20 MCS0	36	5180	16.80	18.00	14.56	16.00	98.15
		40	5200	16.72	18.00	14.96	16.00	
		44	5220	16.89	18.00	15.06	16.00	
		48	5240	16.99	18.00	15.13	16.00	
	802.11n-HT40 MCS0	38	5190	15.84	17.00	14.83	16.00	96.48
		46	5230	15.88	17.00	15.38	16.00	
	802.11ac-VHT20 MCS0	36	5180	16.63	18.00	14.48	16.00	98.15
		40	5200	16.58	18.00	14.68	16.00	
		44	5220	16.70	18.00	14.98	16.00	
		48	5240	16.80	18.00	15.05	16.00	
	802.11ac-VHT40 MCS0	38	5190	15.70	17.00	14.75	16.00	96.49
		46	5230	15.78	17.00	15.29	16.00	
	802.11ac-VHT80 MCS0	42	5210	14.94	16.00	14.94	16.00	93.05

5.3GHz WLAN				Full Power & At Head & Handheld		At Body worn		Duty Cycle %
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	52	5280	17.85	19.00	14.18	15.00	98.27
		56	5280	17.78	19.00	14.29	15.00	
		60	5300	17.87	19.00	14.30	15.00	
		64	5320	17.90	19.00	14.23	15.00	
	802.11n-HT20 MCS0	52	5280	16.91	18.00	13.99	15.00	98.15
		56	5280	16.83	18.00	14.10	15.00	
		60	5300	16.93	18.00	14.14	15.00	
		64	5320	16.86	18.00	14.07	15.00	
	802.11n-HT40 MCS0	54	5270	15.95	17.00	14.37	15.00	96.48
		62	5310	15.98	17.00	14.49	15.00	
	802.11ac-VHT20 MCS0	52	5280	16.71	18.00	13.87	15.00	98.15
		56	5280	16.74	18.00	13.98	15.00	
		60	5300	16.79	18.00	14.00	15.00	
		64	5320	16.80	18.00	13.85	15.00	
	802.11ac-VHT40 MCS0	54	5270	15.80	17.00	14.17	15.00	96.49
		62	5310	15.83	17.00	14.29	15.00	
	802.11ac-VHT80 MCS0	58	5290	14.78	16.00	14.26	15.00	93.05

5.5GHz WLAN				Full Power & At Head & Handheld		At Body worn		Duty Cycle %
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
	802.11a 6Mbps	100	5500	12.00	13.00	12.00	13.00	98.27
		116	5580	17.84	19.00	15.23	16.00	
		124	5620	17.78	19.00	15.06	16.00	
		132	5660	17.68	19.00	14.96	16.00	
		140	5700	17.72	19.00	14.95	16.00	
		144	5720	17.73	19.00	15.18	16.00	
	802.11n-HT20 MCS0	100	5500	16.83	18.00	14.55	16.00	98.15
		116	5580	16.82	18.00	15.05	16.00	
		124	5620	16.76	18.00	14.90	16.00	
		132	5660	16.81	18.00	14.80	16.00	
		140	5700	16.96	18.00	14.78	16.00	
		144	5720	16.91	18.00	15.03	16.00	
	802.11n-HT40 MCS0	102	5510	12.24	13.00	12.24	13.00	96.48
		110	5550	15.88	17.00	15.88	16.00	
		126	5630	15.82	17.00	15.23	16.00	
		134	5670	15.99	17.00	15.18	16.00	
		142	5710	15.80	17.00	15.16	16.00	
		100	5500	16.71	18.00	14.35	16.00	98.15
	802.11ac-VHT20 MCS0	116	5580	16.64	18.00	14.87	16.00	
		124	5620	16.62	18.00	14.82	16.00	
		132	5660	16.73	18.00	14.68	16.00	
		140	5700	16.89	18.00	14.58	16.00	
		144	5720	16.85	18.00	14.88	16.00	
		102	5510	12.14	13.00	12.14	13.00	96.49
	802.11ac-VHT40 MCS0	110	5550	15.67	17.00	15.67	16.00	
		126	5630	15.68	17.00	15.04	16.00	
		134	5670	15.83	17.00	15.00	16.00	
		142	5710	15.73	17.00	15.02	16.00	
		106	5530	12.02	13.00	12.02	13.00	
	802.11ac-VHT80 MCS0	122	5610	16.11	17.00	15.10	16.00	93.05
		138	5690	15.99	17.00	14.78	16.00	

5.8GHz WLAN-Full Power & At Head & Body Worn & Hotspot & Handheld						
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	148	5745	12.58	13.50	98.27
		157	5785	12.67	13.50	
		165	5825	12.74	13.50	
	802.11n-HT20 MCS0	148	5745	12.51	13.50	98.15
		157	5785	12.58	13.50	
		165	5825	12.62	13.50	
	802.11n-HT40 MCS0	151	5755	12.46	13.50	96.48
		159	5795	12.42	13.50	
	802.11ac-VHT20 MCS0	148	5745	12.48	13.50	98.15
		157	5785	12.53	13.50	
		165	5825	12.59	13.50	
	802.11ac-VHT40 MCS0	151	5755	12.41	13.50	96.49
		159	5795	12.39	13.50	
	802.11ac-VHT80 MCS0	155	5775	12.21	13.50	93.05

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.80	8.90	8.90
	CH 39	2441	11.00	9.10	9.00
	CH 78	2480	10.40	8.70	8.70
Tune-up Limit			12		

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	6.50
	CH 19	2440	6.80
	CH 39	2480	6.90
Tune-up Limit			8.00