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	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	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	AAD	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	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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

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

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

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power level/Default Power level for WWAN

GSM850 Ant0 Default

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.86	32.88	33.50	23.72	23.86	23.88	24.50
GPRS 1 Tx slot	32.81	32.87	32.97	33.50	23.81	23.87	23.97	24.50
GPRS 2 Tx slots	29.62	29.40	29.66	30.50	23.62	23.40	23.66	24.50
GPRS 3 Tx slots	27.75	27.77	27.82	28.50	23.49	23.51	23.56	24.24
GPRS 4 Tx slots	26.30	26.58	26.57	27.50	23.30	23.58	23.57	24.50
EDGE 1 Tx slot	26.71	26.70	27.05	27.50	17.71	17.70	18.05	18.50
EDGE 2 Tx slots	23.68	23.63	23.55	24.50	17.68	17.63	17.55	18.50
EDGE 3 Tx slots	21.74	22.01	22.03	23.00	17.48	17.75	17.77	18.74
EDGE 4 Tx slots	20.32	20.64	20.62	21.50	17.32	17.64	17.62	18.50

WCDMA V Ant0 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.20	24.31	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.34	24.27	25.00
3GPP Rel 6	HSDPA Subtest-1	23.38	23.19	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.38	23.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.83	22.69	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.77	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.25	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.10	23.36	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.89	22.86	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.84	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.09	23.29	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.36	21.22	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.18	22.53	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.05	21.24	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.36	23.42	24.00

Band 4 Ant0 Default

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	22.96	23.04	22.79	24.5	0
20	QPSK	1	49	22.88	22.83	22.94		
20	QPSK	1	99	22.71	22.84	22.80		
20	QPSK	50	0	22.00	22.10	21.85	23.5	1
20	QPSK	50	24	21.96	21.89	21.97		
20	QPSK	50	50	22.04	21.92	21.88		
20	QPSK	100	0	21.91	22.08	21.76		
20	16QAM	1	0	22.17	22.24	22.09	23.5	1
20	16QAM	1	49	22.11	22.17	22.27		
20	16QAM	1	99	22.20	22.32	22.03		
20	16QAM	50	0	20.80	20.86	20.90	22.5	2
20	16QAM	50	24	20.86	20.85	20.98		
20	16QAM	50	50	20.84	20.82	20.81		
20	16QAM	100	0	20.84	20.88	20.84		
20	64QAM	1	0	20.93	21.09	20.99	22.5	2
20	64QAM	1	49	20.96	20.89	20.90		
20	64QAM	1	99	20.71	20.74	21.02		
20	64QAM	50	0	19.82	19.96	19.91	21.5	3
20	64QAM	50	24	19.84	19.85	20.02		
20	64QAM	50	50	19.75	19.78	19.91		
20	64QAM	100	0	19.71	19.93	19.78		
20	256QAM	1	0	17.99	18.11	17.86	19.5	5
20	256QAM	1	49	17.82	17.89	18.03		
20	256QAM	1	99	17.82	17.73	17.88		
20	256QAM	50	0	17.95	17.77	17.94	19.5	5
20	256QAM	50	24	18.12	18.00	17.98		
20	256QAM	50	50	18.05	17.84	17.97		
20	256QAM	100	0	18.03	17.86	17.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	22.82	22.64	24.5	0
15	QPSK	1	37	22.97	22.76	22.88		
15	QPSK	1	74	22.64	22.72	22.73		
15	QPSK	36	0	22.11	22.06	21.94	23.5	1
15	QPSK	36	20	22.29	22.01	22.12		
15	QPSK	36	39	22.10	22.08	21.96		
15	QPSK	75	0	22.14	22.01	21.88		
15	16QAM	1	0	22.09	22.17	22.00	23.5	1
15	16QAM	1	37	21.98	22.06	22.17		
15	16QAM	1	74	22.16	22.21	21.93		
15	16QAM	36	0	20.75	20.83	20.77	22.5	2
15	16QAM	36	20	20.74	20.82	20.87		
15	16QAM	36	39	20.77	20.68	20.66		
15	16QAM	75	0	20.75	20.85	20.73		
15	64QAM	1	0	20.78	20.97	20.84	22.5	2
15	64QAM	1	37	20.91	20.75	20.84		
15	64QAM	1	74	20.65	20.68	20.87		
15	64QAM	36	0	19.74	19.93	19.76	21.5	3
15	64QAM	36	20	19.69	19.77	19.99		
15	64QAM	36	39	19.62	19.68	19.89		
15	64QAM	75	0	19.67	19.88	19.66		
15	256QAM	1	0	17.91	17.82	17.64	19.5	5
15	256QAM	1	37	17.97	17.76	17.88		
15	256QAM	1	74	17.64	17.72	17.73		
15	256QAM	36	0	17.91	17.86	17.74	19.5	5
15	256QAM	36	20	18.09	17.81	17.92		
15	256QAM	36	39	17.90	17.88	17.76		
15	256QAM	75	0	17.94	17.81	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	22.79	22.68	24.5	0
10	QPSK	1	25	22.87	22.87	22.99		
10	QPSK	1	49	22.72	22.80	22.83		
10	QPSK	25	0	22.02	21.97	21.73	23.5	1
10	QPSK	25	12	22.03	21.91	22.02		
10	QPSK	25	25	21.98	21.85	21.82		
10	QPSK	50	0	21.92	21.86	21.56		
10	16QAM	1	0	22.15	22.08	21.89	23.5	1
10	16QAM	1	25	21.99	22.10	22.15		
10	16QAM	1	49	22.15	22.14	21.90		
10	16QAM	25	0	20.68	20.74	20.68	22.5	2
10	16QAM	25	12	20.79	20.77	20.92		
10	16QAM	25	25	20.73	20.71	20.54		
10	16QAM	50	0	20.66	20.85	20.61		
10	64QAM	1	0	20.76	20.98	20.72	22.5	2
10	64QAM	1	25	20.84	20.66	20.89		
10	64QAM	1	49	20.75	20.79	20.82		
10	64QAM	25	0	19.82	20.02	19.81	21.5	3
10	64QAM	25	12	19.62	19.87	19.95		
10	64QAM	25	25	19.56	19.69	19.81		
10	64QAM	50	0	19.79	19.99	19.68		
10	256QAM	1	0	17.93	17.79	17.60	19.5	5
10	256QAM	1	25	17.89	17.74	17.79		
10	256QAM	1	49	17.56	17.68	17.64		
10	256QAM	25	0	17.89	17.95	17.65	19.5	5
10	256QAM	25	12	17.96	17.80	17.92		
10	256QAM	25	25	17.82	17.97	17.72		
10	256QAM	50	0	18.03	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	22.85	22.67	24.5	0
5	QPSK	1	12	22.99	22.72	22.83		
5	QPSK	1	24	22.69	22.75	22.71		
5	QPSK	12	0	21.86	21.76	21.71	23.5	1
5	QPSK	12	7	22.07	21.84	21.86		
5	QPSK	12	13	21.97	21.78	21.78		
5	QPSK	25	0	22.01	21.77	21.71		
5	16QAM	1	0	22.05	22.15	22.04	23.5	1
5	16QAM	1	12	21.96	22.05	22.17		
5	16QAM	1	24	22.05	22.24	21.92		
5	16QAM	12	0	20.75	20.70	20.77	22.5	2
5	16QAM	12	7	20.72	20.74	20.92		
5	16QAM	12	13	20.76	20.79	20.66		
5	16QAM	25	0	20.79	20.79	20.75		
5	64QAM	1	0	20.85	21.05	20.88	22.5	2
5	64QAM	1	12	20.94	20.79	20.85		
5	64QAM	1	24	20.74	20.72	20.95		
5	64QAM	12	0	19.70	19.83	19.80	21.5	3
5	64QAM	12	7	19.70	19.83	19.89		
5	64QAM	12	13	19.69	19.66	19.86		
5	64QAM	25	0	19.63	19.83	19.69		
5	256QAM	1	0	18.00	17.96	17.74	19.5	5
5	256QAM	1	12	17.88	17.83	17.83		
5	256QAM	1	24	17.78	17.66	17.71		
5	256QAM	12	0	17.78	17.71	17.70	19.5	5
5	256QAM	12	7	18.02	17.79	17.95		
5	256QAM	12	13	18.07	17.76	17.78		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.90	22.82	22.76	24.5	0
3	QPSK	1	8	22.98	22.68	22.78		
3	QPSK	1	14	22.63	22.76	22.71		
3	QPSK	8	0	21.97	21.80	21.79	23.5	1
3	QPSK	8	4	22.02	21.80	21.93		
3	QPSK	8	7	21.90	21.88	21.85		
3	QPSK	15	0	22.05	21.86	21.66		
3	16QAM	1	0	22.04	22.18	21.97	23.5	1
3	16QAM	1	8	21.97	22.12	22.12		
3	16QAM	1	14	22.05	22.22	22.00		
3	16QAM	8	0	20.77	20.74	20.81	22.5	2
3	16QAM	8	4	20.83	20.78	20.85		
3	16QAM	8	7	20.80	20.79	20.78		
3	16QAM	15	0	20.70	20.80	20.71		
3	64QAM	1	0	20.89	20.94	20.84	22.5	2
3	64QAM	1	8	20.89	20.82	20.88		
3	64QAM	1	14	20.55	20.71	20.94		
3	64QAM	8	0	19.73	19.81	19.86	21.5	3
3	64QAM	8	4	19.70	19.82	19.91		
3	64QAM	8	7	19.61	19.76	19.88		
3	64QAM	15	0	19.64	19.80	19.66		
3	256QAM	1	0	17.80	17.87	17.73	19.5	5
3	256QAM	1	8	17.93	17.59	17.73		
3	256QAM	1	14	17.73	17.68	17.66		
3	256QAM	8	0	18.03	17.74	17.84	19.5	5
3	256QAM	8	4	17.97	17.88	17.82		
3	256QAM	8	7	17.85	17.84	17.83		
3	256QAM	15	0	18.02	17.83	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.76	22.63	24.5	0
1.4	QPSK	1	3	22.90	22.76	22.82		
1.4	QPSK	1	5	22.61	22.73	22.77		
1.4	QPSK	3	0	22.94	22.79	22.82		
1.4	QPSK	3	1	22.99	22.78	22.82		
1.4	QPSK	3	3	22.99	22.79	22.72		
1.4	QPSK	6	0	21.94	21.86	21.62	23.5	1
1.4	16QAM	1	0	21.79	21.80	21.69	23.5	1
1.4	16QAM	1	3	21.70	21.69	21.79		
1.4	16QAM	1	5	21.80	21.86	21.67		
1.4	16QAM	3	0	21.65	21.82	21.84		
1.4	16QAM	3	1	21.71	21.74	21.90		
1.4	16QAM	3	3	21.81	21.74	21.74		
1.4	16QAM	6	0	20.74	20.73	20.78	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.51	22.5	2
1.4	64QAM	1	3	20.68	20.67	20.72		
1.4	64QAM	1	5	20.63	20.76	20.67		
1.4	64QAM	3	0	20.72	20.82	20.76		
1.4	64QAM	3	1	20.80	20.82	20.97		
1.4	64QAM	3	3	20.71	20.73	20.84		
1.4	64QAM	6	0	19.57	19.88	19.75	21.5	3
1.4	256QAM	1	0	17.89	17.65	17.62	19.5	5
1.4	256QAM	1	3	17.94	17.76	17.71		
1.4	256QAM	1	5	17.61	17.64	17.78		
1.4	256QAM	3	0	17.72	17.70	17.76		
1.4	256QAM	3	1	17.81	17.72	17.72		
1.4	256QAM	3	3	17.87	17.71	17.71		
1.4	256QAM	6	0	17.86	17.82	17.71	19.5	5

Band 5 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.17	24.24	24.20	25.5	0
10	QPSK	1	25	24.12	24.20	24.04		
10	QPSK	1	49	23.88	24.10	24.06		
10	QPSK	25	0	23.23	23.32	23.17	24.5	1
10	QPSK	25	12	23.31	23.13	23.23		
10	QPSK	25	25	23.27	23.26	23.24		
10	QPSK	50	0	23.22	23.26	23.21		
10	16QAM	1	0	23.58	23.68	23.56	24.5	1
10	16QAM	1	25	23.52	23.45	23.30		
10	16QAM	1	49	23.44	23.57	23.52		
10	16QAM	25	0	22.24	22.23	22.10	23.5	2
10	16QAM	25	12	22.24	22.18	22.24		
10	16QAM	25	25	22.26	22.14	22.27		
10	16QAM	50	0	22.28	22.20	22.31		
10	64QAM	1	0	22.37	22.59	22.39	23.5	2
10	64QAM	1	25	22.64	22.37	22.46		
10	64QAM	1	49	22.54	22.57	22.44		
10	64QAM	25	0	21.28	21.22	21.13	22.5	3
10	64QAM	25	12	21.33	21.10	21.35		
10	64QAM	25	25	21.33	21.21	21.32		
10	64QAM	50	0	21.21	21.12	21.23		
10	256QAM	1	0	19.14	19.17	19.22	20.5	5
10	256QAM	1	25	19.19	19.27	19.11		
10	256QAM	1	49	18.94	19.20	19.11		
10	256QAM	25	0	19.22	19.31	19.11	20.5	5
10	256QAM	25	12	19.38	19.04	19.28		
10	256QAM	25	25	19.29	19.18	19.33		
10	256QAM	50	0	19.29	19.34	19.15		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.13	24.07	24.05	25.5	0
5	QPSK	1	12	24.11	24.10	23.91		
5	QPSK	1	24	23.77	23.94	23.97		
5	QPSK	12	0	23.08	23.17	23.12	24.5	1
5	QPSK	12	7	23.25	23.04	23.16		
5	QPSK	12	13	23.18	23.18	23.12		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.44	23.56	23.42	24.5	1
5	16QAM	1	12	23.47	23.34	23.25		
5	16QAM	1	24	23.29	23.53	23.44		
5	16QAM	12	0	22.10	22.09	22.01	23.5	2
5	16QAM	12	7	22.18	22.14	22.10		
5	16QAM	12	13	22.19	22.09	22.13		
5	16QAM	25	0	22.18	22.06	22.25		
5	64QAM	1	0	22.30	22.51	22.27	23.5	2
5	64QAM	1	12	22.52	22.29	22.32		
5	64QAM	1	24	22.45	22.48	22.33		
5	64QAM	12	0	21.18	21.14	21.07	22.5	3
5	64QAM	12	7	21.18	21.05	21.29		
5	64QAM	12	13	21.26	21.05	21.27		
5	64QAM	25	0	21.14	21.05	21.13		
5	256QAM	1	0	19.17	19.14	19.05	20.5	5
5	256QAM	1	12	19.04	19.19	18.88		
5	256QAM	1	24	18.80	18.86	19.01		
5	256QAM	12	0	19.02	19.10	19.20	20.5	5
5	256QAM	12	7	19.28	18.98	19.23		
5	256QAM	12	13	19.28	19.27	19.09		
5	256QAM	25	0	19.04	19.14	19.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.01	24.05	24.07	25.5	0
3	QPSK	1	8	24.14	24.06	23.96		
3	QPSK	1	14	23.75	24.00	23.91		
3	QPSK	8	0	23.17	23.19	23.09	24.5	1
3	QPSK	8	4	23.24	22.97	23.15		
3	QPSK	8	7	23.18	23.17	23.19		
3	QPSK	15	0	23.11	23.05	23.19		
3	16QAM	1	0	23.51	23.58	23.49	24.5	1
3	16QAM	1	8	23.39	23.32	23.22		
3	16QAM	1	14	23.33	23.52	23.45		
3	16QAM	8	0	22.09	22.16	21.96	23.5	2
3	16QAM	8	4	22.14	22.13	22.16		
3	16QAM	8	7	22.12	22.09	22.18		
3	16QAM	15	0	22.15	22.08	22.22		
3	64QAM	1	0	22.32	22.48	22.24	23.5	2
3	64QAM	1	8	22.59	22.26	22.32		
3	64QAM	1	14	22.45	22.49	22.39		
3	64QAM	8	0	21.17	21.11	21.06	22.5	3
3	64QAM	8	4	21.24	21.02	21.31		
3	64QAM	8	7	21.22	21.10	21.24		
3	64QAM	15	0	21.14	21.07	21.17		
3	256QAM	1	0	19.10	19.13	19.01	20.5	5
3	256QAM	1	8	19.03	19.01	19.08		
3	256QAM	1	14	18.74	18.98	18.95		
3	256QAM	8	0	19.10	19.19	19.19	20.5	5
3	256QAM	8	4	19.18	18.85	19.09		
3	256QAM	8	7	19.20	19.13	19.15		
3	256QAM	15	0	19.03	18.95	19.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.07	23.97	24.06	25.5	0
1.4	QPSK	1	3	24.14	24.06	23.99		
1.4	QPSK	1	5	23.85	23.98	23.94		
1.4	QPSK	3	0	23.96	24.00	23.91		
1.4	QPSK	3	1	23.98	23.78	23.91		
1.4	QPSK	3	3	24.01	23.99	23.95		
1.4	QPSK	6	0	23.07	23.08	23.13	24.5	1
1.4	16QAM	1	0	23.46	23.60	23.49	24.5	1
1.4	16QAM	1	3	23.41	23.39	23.25		
1.4	16QAM	1	5	23.40	23.49	23.47		
1.4	16QAM	3	0	22.90	22.96	22.79		
1.4	16QAM	3	1	22.96	22.87	22.95		
1.4	16QAM	3	3	22.99	22.88	22.96		
1.4	16QAM	6	0	22.24	22.07	22.26	23.5	2
1.4	64QAM	1	0	22.32	22.46	22.31	23.5	2
1.4	64QAM	1	3	22.53	22.24	22.38		
1.4	64QAM	1	5	22.46	22.47	22.40		
1.4	64QAM	3	0	22.00	21.90	21.83		
1.4	64QAM	3	1	22.02	21.84	22.05		
1.4	64QAM	3	3	22.00	21.88	22.04		
1.4	64QAM	6	0	21.15	21.08	21.12	22.5	3
1.4	256QAM	1	0	19.15	19.02	19.11	20.5	5
1.4	256QAM	1	3	19.18	18.98	18.90		
1.4	256QAM	1	5	18.94	18.97	18.90		
1.4	256QAM	3	0	19.19	19.13	19.17		
1.4	256QAM	3	1	19.07	18.95	19.15		
1.4	256QAM	3	3	19.31	19.24	19.24		
1.4	256QAM	6	0	19.18	18.97	19.25	20.5	5

Band 7 Ant0 Default

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	22.99	23.21	22.93	24.5	0
20	QPSK	1	49	23.06	22.97	23.12		
20	QPSK	1	99	22.95	23.01	23.19		
20	QPSK	50	0	22.13	22.19	21.90	23.5	1
20	QPSK	50	24	22.16	22.05	21.96		
20	QPSK	50	50	21.98	22.09	22.04		
20	QPSK	100	0	21.95	22.13	21.90		
20	16QAM	1	0	22.25	22.32	22.31	23.5	1
20	16QAM	1	49	22.35	22.30	22.49		
20	16QAM	1	99	22.50	22.42	22.11		
20	16QAM	50	0	21.06	20.97	21.01	22.5	2
20	16QAM	50	24	21.20	21.03	20.95		
20	16QAM	50	50	21.19	21.12	21.08		
20	16QAM	100	0	21.11	21.09	21.01		
20	64QAM	1	0	20.89	20.86	20.79	22.5	2
20	64QAM	1	49	20.97	20.92	20.87		
20	64QAM	1	99	20.99	20.98	20.89		
20	64QAM	50	0	20.14	19.96	19.92	21.5	3
20	64QAM	50	24	20.20	20.13	20.03		
20	64QAM	50	50	20.10	20.07	20.08		
20	64QAM	100	0	20.13	19.96	20.01		
20	256QAM	1	0	18.06	18.16	17.91	19.5	5
20	256QAM	1	49	18.08	18.06	18.07		
20	256QAM	1	99	18.06	17.92	18.25		
20	256QAM	50	0	18.23	18.14	17.91	19.5	5
20	256QAM	50	24	18.25	17.95	17.96		
20	256QAM	50	50	17.98	18.11	17.96		
20	256QAM	100	0	18.01	18.06	17.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.85	22.89	22.88	24.5	0
15	QPSK	1	37	23.00	22.87	22.97		
15	QPSK	1	74	23.06	22.98	23.10		
15	QPSK	36	0	22.07	21.75	21.83	23.5	1
15	QPSK	36	20	22.10	21.95	21.86		
15	QPSK	36	39	22.07	22.02	21.91		
15	QPSK	75	0	22.03	21.80	21.86		
15	16QAM	1	0	22.18	22.30	22.18	23.5	1
15	16QAM	1	37	22.21	22.19	22.31		
15	16QAM	1	74	22.24	22.33	21.98		
15	16QAM	36	0	20.98	20.83	20.98	22.5	2
15	16QAM	36	20	21.15	20.99	20.85		
15	16QAM	36	39	21.09	21.08	21.06		
15	16QAM	75	0	21.05	21.03	20.86		
15	64QAM	1	0	20.75	20.79	20.69	22.5	2
15	64QAM	1	37	20.83	20.80	20.78		
15	64QAM	1	74	20.86	20.85	20.76		
15	64QAM	36	0	20.06	19.92	19.79	21.5	3
15	64QAM	36	20	20.14	20.04	19.92		
15	64QAM	36	39	20.06	19.95	20.05		
15	64QAM	75	0	20.08	19.88	19.95		
15	256QAM	1	0	17.85	17.80	17.78	19.5	5
15	256QAM	1	37	17.90	17.94	17.98		
15	256QAM	1	74	18.06	18.05	18.02		
15	256QAM	36	0	18.03	17.69	17.80	19.5	5
15	256QAM	36	20	18.00	17.90	17.86		
15	256QAM	36	39	18.03	17.98	17.81		
15	256QAM	75	0	17.93	17.69	17.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.88	22.88	22.80	24.5	0
10	QPSK	1	25	23.04	22.95	23.04		
10	QPSK	1	49	23.13	22.96	23.12		
10	QPSK	25	0	22.13	21.82	21.81	23.5	1
10	QPSK	25	12	22.12	22.00	21.83		
10	QPSK	25	25	22.13	22.04	21.89		
10	QPSK	50	0	22.07	21.79	21.83		
10	16QAM	1	0	22.19	22.25	22.22	23.5	1
10	16QAM	1	25	22.27	22.21	22.37		
10	16QAM	1	49	22.37	22.32	22.05		
10	16QAM	25	0	20.93	20.91	20.93	22.5	2
10	16QAM	25	12	21.16	20.99	20.80		
10	16QAM	25	25	21.12	21.09	20.99		
10	16QAM	50	0	21.04	20.97	20.88		
10	64QAM	1	0	20.79	20.76	20.76	22.5	2
10	64QAM	1	25	20.86	20.84	20.75		
10	64QAM	1	49	20.86	20.90	20.77		
10	64QAM	25	0	20.02	19.87	19.88	21.5	3
10	64QAM	25	12	20.15	20.05	19.93		
10	64QAM	25	25	20.00	19.98	19.99		
10	64QAM	50	0	20.09	19.92	19.95		
10	256QAM	1	0	17.80	17.85	17.84	19.5	5
10	256QAM	1	25	18.07	17.97	18.07		
10	256QAM	1	49	18.12	17.85	18.09		
10	256QAM	25	0	18.02	17.80	17.92	19.5	5
10	256QAM	25	12	18.17	17.88	17.93		
10	256QAM	25	25	18.09	17.98	17.92		
10	256QAM	50	0	17.98	17.74	17.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.91	22.87	22.79	24.5	0
5	QPSK	1	12	22.91	22.89	23.05		
5	QPSK	1	24	23.06	22.92	23.05		
5	QPSK	12	0	22.13	21.78	21.80	23.5	1
5	QPSK	12	7	22.09	22.00	21.88		
5	QPSK	12	13	22.17	21.94	21.98		
5	QPSK	25	0	22.04	21.80	21.80		
5	16QAM	1	0	22.16	22.27	22.20	23.5	1
5	16QAM	1	12	22.28	22.23	22.31		
5	16QAM	1	24	22.46	22.39	22.21		
5	16QAM	12	0	21.02	20.87	20.85	22.5	2
5	16QAM	12	7	21.11	20.93	20.89		
5	16QAM	12	13	21.05	21.03	21.04		
5	16QAM	25	0	20.97	21.03	20.93		
5	64QAM	1	0	20.84	20.81	20.70	22.5	2
5	64QAM	1	12	20.91	20.87	20.72		
5	64QAM	1	24	20.95	20.96	20.77		
5	64QAM	12	0	20.03	19.82	19.83	21.5	3
5	64QAM	12	7	20.11	19.99	19.88		
5	64QAM	12	13	19.96	20.02	19.93		
5	64QAM	25	0	20.05	19.84	19.88		
5	256QAM	1	0	17.87	17.83	17.91	19.5	5
5	256QAM	1	12	17.86	17.82	17.97		
5	256QAM	1	24	18.16	17.93	18.13		
5	256QAM	12	0	18.04	17.72	17.91	19.5	5
5	256QAM	12	7	17.98	18.06	17.94		
5	256QAM	12	13	18.09	18.01	17.93		
5	256QAM	25	0	18.04	17.78	17.79		

Band 12 Ant0 Default

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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.26	24.54	24.23	25.5	0
10	QPSK	1	25	24.35	24.42	24.32		
10	QPSK	1	49	24.41	24.41	24.49		
10	QPSK	25	0	23.36	23.54	23.35	24.5	1
10	QPSK	25	12	23.49	23.51	23.44		
10	QPSK	25	25	23.53	23.49	23.44		
10	QPSK	50	0	23.44	23.51	23.41		
10	16QAM	1	0	23.88	23.90	23.85	24.5	1
10	16QAM	1	25	23.84	23.81	23.84		
10	16QAM	1	49	23.77	23.76	23.98		
10	16QAM	25	0	22.50	22.51	22.43	23.5	2
10	16QAM	25	12	22.52	22.55	22.35		
10	16QAM	25	25	22.50	22.55	22.53		
10	16QAM	50	0	22.55	22.52	22.41		
10	64QAM	1	0	22.64	22.67	22.63	23.5	2
10	64QAM	1	25	22.69	22.86	22.79		
10	64QAM	1	49	22.65	22.53	22.70		
10	64QAM	25	0	21.45	21.49	21.48	22.5	3
10	64QAM	25	12	21.56	21.49	21.37		
10	64QAM	25	25	21.52	21.57	21.42		
10	64QAM	50	0	21.33	21.41	21.36		
10	256QAM	1	0	19.34	19.54	19.26	20.5	5
10	256QAM	1	25	19.25	19.53	19.41		
10	256QAM	1	49	19.49	19.31	19.38		
10	256QAM	25	0	19.47	19.50	19.32	20.5	5
10	256QAM	25	12	19.56	19.57	19.53		
10	256QAM	25	25	19.58	19.59	19.32		
10	256QAM	50	0	19.55	19.40	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.21	24.23	24.15	25.5	0
5	QPSK	1	12	24.47	24.38	24.22		
5	QPSK	1	24	24.36	24.29	24.43		
5	QPSK	12	0	23.31	23.28	23.27	24.5	1
5	QPSK	12	7	23.39	23.46	23.32		
5	QPSK	12	13	23.39	23.45	23.30		
5	QPSK	25	0	23.46	23.39	23.30		
5	16QAM	1	0	23.74	23.83	23.70	24.5	1
5	16QAM	1	12	23.69	23.68	23.79		
5	16QAM	1	24	23.69	23.61	23.84		
5	16QAM	12	0	22.42	22.35	22.34	23.5	2
5	16QAM	12	7	22.43	22.42	22.24		
5	16QAM	12	13	22.35	22.45	22.48		
5	16QAM	25	0	22.50	22.39	22.31		
5	64QAM	1	0	22.54	22.63	22.53	23.5	2
5	64QAM	1	12	22.56	22.76	22.71		
5	64QAM	1	24	22.54	22.47	22.62		
5	64QAM	12	0	21.41	21.38	21.34	22.5	3
5	64QAM	12	7	21.48	21.38	21.26		
5	64QAM	12	13	21.44	21.48	21.35		
5	64QAM	25	0	21.24	21.37	21.23		
5	256QAM	1	0	19.13	19.29	19.24	20.5	5
5	256QAM	1	12	19.52	19.43	19.16		
5	256QAM	1	24	19.25	19.30	19.39		
5	256QAM	12	0	19.38	19.17	19.29	20.5	5
5	256QAM	12	7	19.33	19.50	19.26		
5	256QAM	12	13	19.36	19.56	19.40		
5	256QAM	25	0	19.40	19.35	19.33		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.15	24.26	24.16	25.5	0
3	QPSK	1	8	24.49	24.29	24.21		
3	QPSK	1	14	24.30	24.28	24.33		
3	QPSK	8	0	23.27	23.31	23.24	24.5	1
3	QPSK	8	4	23.41	23.43	23.29		
3	QPSK	8	7	23.43	23.43	23.34		
3	QPSK	15	0	23.40	23.35	23.26		
3	16QAM	1	0	23.80	23.78	23.79	24.5	1
3	16QAM	1	8	23.71	23.73	23.69		
3	16QAM	1	14	23.66	23.71	23.92		
3	16QAM	8	0	22.44	22.43	22.37	23.5	2
3	16QAM	8	4	22.47	22.49	22.25		
3	16QAM	8	7	22.42	22.49	22.47		
3	16QAM	15	0	22.46	22.40	22.31		
3	64QAM	1	0	22.49	22.62	22.58	23.5	2
3	64QAM	1	8	22.54	22.81	22.74		
3	64QAM	1	14	22.53	22.41	22.54		
3	64QAM	8	0	21.33	21.41	21.35	22.5	3
3	64QAM	8	4	21.46	21.44	21.27		
3	64QAM	8	7	21.40	21.50	21.37		
3	64QAM	15	0	21.18	21.25	21.26		
3	256QAM	1	0	19.08	19.35	19.13	20.5	5
3	256QAM	1	8	19.44	19.23	19.32		
3	256QAM	1	14	19.20	19.20	19.39		
3	256QAM	8	0	19.38	19.38	19.25	20.5	5
3	256QAM	8	4	19.38	19.34	19.20		
3	256QAM	8	7	19.39	19.36	19.39		
3	256QAM	15	0	19.44	19.30	19.20		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.17	24.30	24.10	25.5	0
1.4	QPSK	1	3	24.42	24.34	24.25		
1.4	QPSK	1	5	24.32	24.26	24.38		
1.4	QPSK	3	0	24.19	24.26	24.13		
1.4	QPSK	3	1	24.24	24.36	24.23		
1.4	QPSK	3	3	24.31	24.39	24.29		
1.4	QPSK	6	0	23.43	23.31	23.31	24.5	1
1.4	16QAM	1	0	23.76	23.83	23.72	24.5	1
1.4	16QAM	1	3	23.78	23.66	23.71		
1.4	16QAM	1	5	23.62	23.68	23.94		
1.4	16QAM	3	0	23.32	23.27	23.18		
1.4	16QAM	3	1	23.28	23.31	23.14		
1.4	16QAM	3	3	23.34	23.29	23.36		
1.4	16QAM	6	0	22.50	22.40	22.25	23.5	2
1.4	64QAM	1	0	22.59	22.54	22.48	23.5	2
1.4	64QAM	1	3	22.59	22.73	22.68		
1.4	64QAM	1	5	22.56	22.46	22.59		
1.4	64QAM	3	0	22.20	22.33	22.30		
1.4	64QAM	3	1	22.35	22.35	22.18		
1.4	64QAM	3	3	22.31	22.41	22.24		
1.4	64QAM	6	0	21.27	21.32	21.26	22.5	3
1.4	256QAM	1	0	19.12	19.29	19.20	20.5	5
1.4	256QAM	1	3	19.43	19.36	19.34		
1.4	256QAM	1	5	19.35	19.31	19.46		
1.4	256QAM	3	0	19.08	19.27	19.18		
1.4	256QAM	3	1	19.16	19.28	19.23		
1.4	256QAM	3	3	19.36	19.38	19.18		
1.4	256QAM	6	0	19.32	19.35	19.32	20.5	5

Band 13 Ant0 Default

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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.53		25.5	0
10	QPSK	1	25		24.43			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.63		24.5	1
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.51			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.49		24.5	1
10	16QAM	1	25		23.45			
10	16QAM	1	49		23.54			
10	16QAM	25	0		22.55		23.5	2
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.64			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.65		23.5	2
10	64QAM	1	25		22.67			
10	64QAM	1	49		22.70			
10	64QAM	25	0		21.55		22.5	3
10	64QAM	25	12		21.56			
10	64QAM	25	25		21.62			
10	64QAM	50	0		21.53			
10	256QAM	1	0		19.38		20.5	5
10	256QAM	1	25		19.39			
10	256QAM	1	49		19.17			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.24			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.50	24.47	25.5	0
5	QPSK	1	12	24.37	24.48	24.49		
5	QPSK	1	24	24.48	24.48	24.50		
5	QPSK	12	0	23.46	23.50	23.51	24.5	1
5	QPSK	12	7	23.60	23.54	23.54		
5	QPSK	12	13	23.56	23.59	23.58		
5	QPSK	25	0	23.53	23.50	23.47		
5	16QAM	1	0	23.49	23.55	23.47	24.5	1
5	16QAM	1	12	23.55	23.60	23.58		
5	16QAM	1	24	23.51	23.49	23.55		
5	16QAM	12	0	22.53	22.59	22.61	23.5	2
5	16QAM	12	7	22.68	22.61	22.64		
5	16QAM	12	13	22.63	22.69	22.66		
5	16QAM	25	0	22.60	22.51	22.54		
5	64QAM	1	0	22.60	22.77	22.75	23.5	2
5	64QAM	1	12	22.79	22.81	22.79		
5	64QAM	1	24	22.61	22.71	22.66		
5	64QAM	12	0	21.51	21.55	21.51	22.5	3
5	64QAM	12	7	21.65	21.52	21.57		
5	64QAM	12	13	21.60	21.63	21.61		
5	64QAM	25	0	21.55	21.51	21.53		
5	256QAM	1	0	19.28	19.43	19.20	20.5	5
5	256QAM	1	12	19.12	19.38	19.33		
5	256QAM	1	24	19.40	19.22	19.32		
5	256QAM	12	0	19.34	19.39	19.25	20.5	5
5	256QAM	12	7	19.47	19.47	19.40		
5	256QAM	12	13	19.51	19.42	19.14		
5	256QAM	25	0	19.47	19.30	19.23		

Band 17 Ant0 Default

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.23	24.06	25.5	0
10	QPSK	1	25	24.08	23.99	24.17		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	23.12	23.26	23.22	24.5	1
10	QPSK	25	12	23.24	23.17	23.23		
10	QPSK	25	25	23.23	23.23	23.21		
10	QPSK	50	0	23.12	23.22	23.19		
10	16QAM	1	0	23.42	23.48	23.31	24.5	1
10	16QAM	1	25	23.61	23.41	23.35		
10	16QAM	1	49	23.62	23.62	23.51		
10	16QAM	25	0	22.19	22.16	22.25	23.5	2
10	16QAM	25	12	22.31	22.14	22.26		
10	16QAM	25	25	22.21	22.25	22.16		
10	16QAM	50	0	22.25	22.13	22.20		
10	64QAM	1	0	22.23	22.04	22.21	23.5	2
10	64QAM	1	25	22.29	22.29	22.18		
10	64QAM	1	49	22.14	22.39	22.33		
10	64QAM	25	0	21.15	21.15	21.08	22.5	3
10	64QAM	25	12	21.26	21.28	21.25		
10	64QAM	25	25	21.16	21.17	21.23		
10	64QAM	50	0	21.17	21.16	21.16		
10	256QAM	1	0	18.96	19.22	18.91	20.5	5
10	256QAM	1	25	18.94	19.22	19.06		
10	256QAM	1	49	19.22	18.94	19.10		
10	256QAM	25	0	19.21	19.22	19.05	20.5	5
10	256QAM	25	12	19.28	19.29	19.16		
10	256QAM	25	25	19.25	19.23	19.03		
10	256QAM	50	0	19.21	19.08	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.06	24.01	23.99	25.5	0
5	QPSK	1	12	23.99	23.85	24.01		
5	QPSK	1	24	23.93	24.10	23.84		
5	QPSK	12	0	22.96	23.02	23.14	24.5	1
5	QPSK	12	7	23.13	23.03	23.12		
5	QPSK	12	13	23.12	23.12	23.16		
5	QPSK	25	0	23.14	23.03	23.05		
5	16QAM	1	0	23.29	23.35	23.26	24.5	1
5	16QAM	1	12	23.46	23.29	23.24		
5	16QAM	1	24	23.50	23.54	23.46		
5	16QAM	12	0	22.11	22.09	22.14	23.5	2
5	16QAM	12	7	22.19	22.03	22.16		
5	16QAM	12	13	22.07	22.14	22.06		
5	16QAM	25	0	22.14	22.02	22.15		
5	64QAM	1	0	22.10	21.99	22.12	23.5	2
5	64QAM	1	12	22.24	22.19	22.14		
5	64QAM	1	24	22.00	22.29	22.20		
5	64QAM	12	0	21.06	21.04	20.99	22.5	3
5	64QAM	12	7	21.17	21.16	21.13		
5	64QAM	12	13	21.03	21.03	21.08		
5	64QAM	25	0	21.02	21.07	21.04		
5	256QAM	1	0	19.07	19.17	18.99	20.5	5
5	256QAM	1	12	18.88	19.14	19.13		
5	256QAM	1	24	19.22	19.03	19.02		
5	256QAM	12	0	19.20	19.21	18.98	20.5	5
5	256QAM	12	7	19.18	19.28	19.16		
5	256QAM	12	13	19.27	19.31	18.97		
5	256QAM	25	0	19.27	19.03	19.02		

Band 26 Ant0 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.35	24.21	25.5	0
15	QPSK	1	37	24.26	24.31	24.32		
15	QPSK	1	74	24.27	24.25	24.17		
15	QPSK	36	0	23.30	23.41	23.28	24.5	1
15	QPSK	36	20	23.36	23.34	23.28		
15	QPSK	36	39	23.36	23.33	23.34		
15	QPSK	75	0	23.34	23.37	23.30		
15	16QAM	1	0	23.17	23.21	23.27	24.5	1
15	16QAM	1	37	23.08	23.43	23.39		
15	16QAM	1	74	23.22	23.24	23.06		
15	16QAM	36	0	22.33	22.39	22.32	23.5	2
15	16QAM	36	20	22.40	22.38	22.30		
15	16QAM	36	39	22.39	22.40	22.38		
15	16QAM	75	0	22.37	22.36	22.32		
15	64QAM	1	0	22.42	22.47	22.49	23.5	2
15	64QAM	1	37	22.48	22.67	22.54		
15	64QAM	1	74	22.42	22.54	22.43		
15	64QAM	36	0	21.34	21.39	21.32	22.5	3
15	64QAM	36	20	21.38	21.36	21.27		
15	64QAM	36	39	21.40	21.42	21.38		
15	64QAM	75	0	21.40	21.36	21.32		
15	256QAM	1	0	19.12	19.25	18.96	20.5	5
15	256QAM	1	37	18.99	19.30	19.16		
15	256QAM	1	74	19.29	19.07	19.20		
15	256QAM	36	0	19.18	19.26	19.14	20.5	5
15	256QAM	36	20	19.36	19.31	19.35		
15	256QAM	36	39	19.28	19.38	19.07		
15	256QAM	75	0	19.27	19.16	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.03	24.09	24.28	25.5	0
10	QPSK	1	25	24.02	24.17	24.16		
10	QPSK	1	49	24.11	24.14	24.17		
10	QPSK	25	0	23.32	23.32	23.04	24.5	1
10	QPSK	25	12	23.34	23.19	23.15		
10	QPSK	25	25	23.25	23.18	23.36		
10	QPSK	50	0	23.21	23.12	23.24		
10	16QAM	1	0	23.12	23.01	23.30	24.5	1
10	16QAM	1	25	22.83	23.32	23.15		
10	16QAM	1	49	23.16	23.14	22.91		
10	16QAM	25	0	22.13	22.16	22.33	23.5	2
10	16QAM	25	12	22.32	22.26	22.33		
10	16QAM	25	25	22.24	22.22	22.22		
10	16QAM	50	0	22.22	22.11	22.24		
10	64QAM	1	0	22.37	22.34	22.32	23.5	2
10	64QAM	1	25	22.25	22.48	22.29		
10	64QAM	1	49	22.44	22.54	22.44		
10	64QAM	25	0	21.35	21.37	21.16	22.5	3
10	64QAM	25	12	21.31	21.34	21.27		
10	64QAM	25	25	21.20	21.21	21.36		
10	64QAM	50	0	21.35	21.13	21.08		
10	256QAM	1	0	19.13	19.30	18.99	20.5	5
10	256QAM	1	25	19.05	19.32	19.13		
10	256QAM	1	49	19.29	19.01	19.09		
10	256QAM	25	0	19.18	19.19	19.06	20.5	5
10	256QAM	25	12	19.26	19.32	19.23		
10	256QAM	25	25	19.39	19.41	19.02		
10	256QAM	50	0	19.35	19.22	19.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.06	24.18	25.5	0
5	QPSK	1	12	24.04	24.33	24.10		
5	QPSK	1	24	24.16	24.06	24.09		
5	QPSK	12	0	23.19	23.18	23.22	24.5	1
5	QPSK	12	7	23.28	23.16	23.14		
5	QPSK	12	13	23.22	23.26	23.11		
5	QPSK	25	0	23.32	23.30	23.19		
5	16QAM	1	0	23.02	22.98	23.26	24.5	1
5	16QAM	1	12	22.87	23.27	23.23		
5	16QAM	1	24	22.99	23.11	22.99		
5	16QAM	12	0	22.13	22.22	22.19	23.5	2
5	16QAM	12	7	22.40	22.38	22.35		
5	16QAM	12	13	22.26	22.35	22.25		
5	16QAM	25	0	22.20	22.17	22.28		
5	64QAM	1	0	22.45	22.30	22.28	23.5	2
5	64QAM	1	12	22.38	22.67	22.52		
5	64QAM	1	24	22.37	22.56	22.19		
5	64QAM	12	0	21.20	21.41	21.18	22.5	3
5	64QAM	12	7	21.17	21.25	21.19		
5	64QAM	12	13	21.31	21.32	21.19		
5	64QAM	25	0	21.31	21.34	21.18		
5	256QAM	1	0	19.09	19.25	19.04	20.5	5
5	256QAM	1	12	19.00	19.31	19.19		
5	256QAM	1	24	19.30	19.07	19.11		
5	256QAM	12	0	19.23	19.23	19.07	20.5	5
5	256QAM	12	7	19.30	19.39	19.31		
5	256QAM	12	13	19.31	19.36	19.02		
5	256QAM	25	0	19.37	19.14	19.05		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.96	23.97	24.22	25.5	0
3	QPSK	1	8	24.26	24.19	24.08		
3	QPSK	1	14	24.05	24.23	24.03		
3	QPSK	8	0	23.34	23.37	23.29	24.5	1
3	QPSK	8	4	23.14	23.28	23.21		
3	QPSK	8	7	23.29	23.26	23.29		
3	QPSK	15	0	23.24	23.27	23.07		
3	16QAM	1	0	23.20	23.24	23.13	24.5	1
3	16QAM	1	8	22.93	23.18	23.43		
3	16QAM	1	14	23.11	23.05	23.05		
3	16QAM	8	0	22.27	22.32	22.12	23.5	2
3	16QAM	8	4	22.19	22.29	22.26		
3	16QAM	8	7	22.44	22.42	22.36		
3	16QAM	15	0	22.30	22.31	22.07		
3	64QAM	1	0	22.34	22.33	22.32	23.5	2
3	64QAM	1	8	22.37	22.45	22.31		
3	64QAM	1	14	22.45	22.50	22.25		
3	64QAM	8	0	21.23	21.36	21.24	22.5	3
3	64QAM	8	4	21.31	21.22	21.26		
3	64QAM	8	7	21.42	21.30	21.37		
3	64QAM	15	0	21.19	21.35	21.17		
3	256QAM	1	0	19.03	19.24	18.99	20.5	5
3	256QAM	1	8	19.02	19.25	19.15		
3	256QAM	1	14	19.29	19.04	19.14		
3	256QAM	8	0	19.18	19.22	19.03	20.5	5
3	256QAM	8	4	19.28	19.38	19.28		
3	256QAM	8	7	19.38	19.32	19.09		
3	256QAM	15	0	19.33	19.14	19.11		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.95	23.97	24.23	25.5	0
1.4	QPSK	1	3	23.87	24.14	23.92		
1.4	QPSK	1	5	24.06	24.04	23.94		
1.4	QPSK	3	0	23.84	23.81	24.03		
1.4	QPSK	3	1	24.12	23.94	23.89		
1.4	QPSK	3	3	24.10	24.19	23.91		
1.4	QPSK	6	0	23.14	23.18	23.23	24.5	1
1.4	16QAM	1	0	23.15	23.19	23.07	24.5	1
1.4	16QAM	1	3	23.12	23.04	23.12		
1.4	16QAM	1	5	23.14	23.23	23.01		
1.4	16QAM	3	0	22.99	23.02	23.23		
1.4	16QAM	3	1	22.79	23.14	23.06		
1.4	16QAM	3	3	23.03	22.89	22.87		
1.4	16QAM	6	0	22.01	22.17	21.94	23.5	2
1.4	64QAM	1	0	22.32	22.34	22.36	23.5	2
1.4	64QAM	1	3	22.07	22.36	22.29		
1.4	64QAM	1	5	21.97	22.17	22.26		
1.4	64QAM	3	0	21.96	22.18	22.19		
1.4	64QAM	3	1	22.15	22.04	21.82		
1.4	64QAM	3	3	22.19	21.99	22.01		
1.4	64QAM	6	0	21.05	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.14	19.29	19.07	20.5	5
1.4	256QAM	1	3	18.97	19.25	19.19		
1.4	256QAM	1	5	19.19	19.00	19.09		
1.4	256QAM	3	0	19.18	19.32	19.09		
1.4	256QAM	3	1	19.29	19.28	19.34		
1.4	256QAM	3	3	19.33	19.38	19.01		
1.4	256QAM	6	0	19.36	19.20	19.10	20.5	5

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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	22.87	23.07	23.02	24.5	0
20	QPSK	1	49	22.93	22.94	23.02		
20	QPSK	1	99	22.74	22.72	22.92		
20	QPSK	50	0	21.82	22.09	21.96	23.5	1
20	QPSK	50	24	21.97	21.96	21.99		
20	QPSK	50	50	21.93	22.00	22.04		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	22.30	22.03	22.12	23.5	1
20	16QAM	1	49	22.20	22.24	22.34		
20	16QAM	1	99	22.25	22.26	22.17		
20	16QAM	50	0	20.91	21.00	21.07	22.5	2
20	16QAM	50	24	21.06	21.11	21.02		
20	16QAM	50	50	20.91	21.16	21.01		
20	16QAM	100	0	21.05	20.95	21.06		
20	64QAM	1	0	21.02	21.10	21.13	22.5	2
20	64QAM	1	49	21.14	21.04	21.05		
20	64QAM	1	99	21.30	21.06	21.17		
20	64QAM	50	0	19.95	20.03	19.95	21.5	3
20	64QAM	50	24	19.97	20.12	20.06		
20	64QAM	50	50	19.91	19.95	20.01		
20	64QAM	100	0	20.07	19.98	20.07		
20	256QAM	1	0	18.05	18.13	18.13	19.5	5
20	256QAM	1	49	18.02	18.13	18.19		
20	256QAM	1	99	17.80	17.87	18.11		
20	256QAM	50	0	17.80	18.14	18.08	19.5	5
20	256QAM	50	24	18.00	18.15	18.02		
20	256QAM	50	50	18.14	18.15	18.09		
20	256QAM	100	0	18.15	18.05	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.85	22.90	24.5	0
15	QPSK	1	37	22.81	23.00	22.98		
15	QPSK	1	74	22.71	22.68	22.87		
15	QPSK	36	0	21.73	21.80	21.94	23.5	1
15	QPSK	36	20	21.80	21.80	21.92		
15	QPSK	36	39	21.80	21.91	21.86		
15	QPSK	75	0	21.85	21.77	21.82		
15	16QAM	1	0	22.20	21.93	22.08	23.5	1
15	16QAM	1	37	22.10	22.14	22.29		
15	16QAM	1	74	22.16	22.14	22.10		
15	16QAM	36	0	20.84	20.86	20.96	22.5	2
15	16QAM	36	20	20.97	21.04	20.88		
15	16QAM	36	39	20.79	21.10	20.94		
15	16QAM	75	0	20.94	20.86	20.90		
15	64QAM	1	0	20.97	21.03	21.03	22.5	2
15	64QAM	1	37	20.98	20.99	20.93		
15	64QAM	1	74	21.24	20.97	21.11		
15	64QAM	36	0	19.88	19.95	19.86	21.5	3
15	64QAM	36	20	19.92	20.02	19.90		
15	64QAM	36	39	19.78	19.84	19.89		
15	64QAM	75	0	19.89	19.92	20.00		
15	256QAM	1	0	17.91	17.86	18.10	19.5	5
15	256QAM	1	37	17.86	18.10	18.09		
15	256QAM	1	74	17.82	17.80	18.01		
15	256QAM	36	0	17.94	17.97	18.01	19.5	5
15	256QAM	36	20	17.84	18.02	17.91		
15	256QAM	36	39	17.93	18.11	17.89		
15	256QAM	75	0	18.00	17.78	17.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.70	22.83	22.89	24.5	0
10	QPSK	1	25	22.82	22.95	22.85		
10	QPSK	1	49	22.57	22.56	22.88		
10	QPSK	25	0	21.74	21.81	21.97	23.5	1
10	QPSK	25	12	21.84	21.78	21.92		
10	QPSK	25	25	21.82	21.92	21.95		
10	QPSK	50	0	21.84	21.81	21.75		
10	16QAM	1	0	22.18	21.85	22.02	23.5	1
10	16QAM	1	25	22.12	22.20	22.21		
10	16QAM	1	49	22.12	22.20	22.12		
10	16QAM	25	0	20.81	20.91	20.95	22.5	2
10	16QAM	25	12	20.91	20.97	20.84		
10	16QAM	25	25	20.86	21.08	20.85		
10	16QAM	50	0	20.88	20.87	20.89		
10	64QAM	1	0	20.87	20.94	21.07	22.5	2
10	64QAM	1	25	21.08	20.88	20.93		
10	64QAM	1	49	21.23	20.89	21.00		
10	64QAM	25	0	19.81	19.86	19.80	21.5	3
10	64QAM	25	12	19.91	20.02	19.95		
10	64QAM	25	25	19.81	19.84	19.96		
10	64QAM	50	0	19.93	19.87	19.92		
10	256QAM	1	0	17.83	17.96	17.93	19.5	5
10	256QAM	1	25	17.85	18.01	17.99		
10	256QAM	1	49	17.70	17.63	17.89		
10	256QAM	25	0	17.89	17.96	18.06	19.5	5
10	256QAM	25	12	17.93	18.00	18.08		
10	256QAM	25	25	17.88	17.91	17.98		
10	256QAM	50	0	18.04	17.80	17.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.77	22.91	24.5	0
5	QPSK	1	12	22.77	22.95	22.98		
5	QPSK	1	24	22.67	22.64	22.77		
5	QPSK	12	0	21.71	21.86	21.95	23.5	1
5	QPSK	12	7	21.88	21.90	21.93		
5	QPSK	12	13	21.82	21.86	21.91		
5	QPSK	25	0	21.80	21.79	21.85		
5	16QAM	1	0	22.20	21.94	21.99	23.5	1
5	16QAM	1	12	22.11	22.19	22.28		
5	16QAM	1	24	22.19	22.10	22.01		
5	16QAM	12	0	20.80	20.90	20.93	22.5	2
5	16QAM	12	7	20.94	21.02	20.96		
5	16QAM	12	13	20.83	21.03	20.89		
5	16QAM	25	0	20.98	20.85	20.98		
5	64QAM	1	0	20.85	20.97	20.98	22.5	2
5	64QAM	1	12	21.07	20.89	20.88		
5	64QAM	1	24	21.16	20.98	21.04		
5	64QAM	12	0	19.88	19.92	19.78	21.5	3
5	64QAM	12	7	19.85	20.05	20.00		
5	64QAM	12	13	19.84	19.86	19.94		
5	64QAM	25	0	19.97	19.81	20.02		
5	256QAM	1	0	17.87	17.88	17.93	19.5	5
5	256QAM	1	12	17.92	17.98	18.12		
5	256QAM	1	24	17.78	17.75	17.77		
5	256QAM	12	0	17.88	17.93	17.95	19.5	5
5	256QAM	12	7	17.99	18.01	18.02		
5	256QAM	12	13	17.89	18.06	18.06		
5	256QAM	25	0	17.89	17.83	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.75	22.82	22.88	24.5	0
3	QPSK	1	8	22.86	22.90	22.86		
3	QPSK	1	14	22.63	22.61	22.84		
3	QPSK	8	0	21.75	21.88	22.05	23.5	1
3	QPSK	8	4	21.85	21.86	21.93		
3	QPSK	8	7	21.86	21.95	21.93		
3	QPSK	15	0	21.85	21.81	21.78		
3	16QAM	1	0	22.14	21.98	22.07	23.5	1
3	16QAM	1	8	22.10	22.11	22.19		
3	16QAM	1	14	22.20	22.22	22.00		
3	16QAM	8	0	20.81	20.96	21.01	22.5	2
3	16QAM	8	4	20.97	21.04	20.96		
3	16QAM	8	7	20.79	21.03	20.89		
3	16QAM	15	0	20.94	20.86	21.02		
3	64QAM	1	0	20.93	21.05	20.96	22.5	2
3	64QAM	1	8	21.05	20.94	20.88		
3	64QAM	1	14	21.14	21.01	20.99		
3	64QAM	8	0	19.86	19.97	19.84	21.5	3
3	64QAM	8	4	19.86	20.04	19.98		
3	64QAM	8	7	19.78	19.90	19.83		
3	64QAM	15	0	19.95	19.81	19.95		
3	256QAM	1	0	17.81	17.92	17.89	19.5	5
3	256QAM	1	8	17.98	18.01	17.98		
3	256QAM	1	14	17.80	17.73	17.89		
3	256QAM	8	0	17.96	18.10	18.12	19.5	5
3	256QAM	8	4	17.89	18.05	18.13		
3	256QAM	8	7	17.91	18.15	17.95		
3	256QAM	15	0	17.88	17.93	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.74	22.86	22.94	24.5	0
1.4	QPSK	1	3	22.81	22.93	22.92		
1.4	QPSK	1	5	22.67	22.65	22.87		
1.4	QPSK	3	0	22.65	22.87	22.92		
1.4	QPSK	3	1	22.82	22.91	22.90		
1.4	QPSK	3	3	22.82	22.91	22.99		
1.4	QPSK	6	0	21.79	21.87	21.81	23.5	1
1.4	16QAM	1	0	22.22	21.89	21.99	23.5	1
1.4	16QAM	1	3	22.06	22.20	22.27		
1.4	16QAM	1	5	22.16	22.09	22.12		
1.4	16QAM	3	0	21.82	21.90	22.01		
1.4	16QAM	3	1	21.92	22.00	21.94		
1.4	16QAM	3	3	21.74	22.00	21.91		
1.4	16QAM	6	0	20.87	20.79	21.01	22.5	2
1.4	64QAM	1	0	20.86	21.01	21.01	22.5	2
1.4	64QAM	1	3	21.05	20.93	20.88		
1.4	64QAM	1	5	21.21	20.93	21.03		
1.4	64QAM	3	0	20.80	20.88	20.83		
1.4	64QAM	3	1	20.87	21.03	20.92		
1.4	64QAM	3	3	20.76	20.85	20.97		
1.4	64QAM	6	0	19.90	19.92	19.99	21.5	3
1.4	256QAM	1	0	17.80	17.89	18.00	19.5	5
1.4	256QAM	1	3	17.91	18.10	18.03		
1.4	256QAM	1	5	17.87	17.78	17.96		
1.4	256QAM	3	0	17.84	17.90	18.07		
1.4	256QAM	3	1	17.93	17.97	18.11		
1.4	256QAM	3	3	18.00	17.91	18.08		
1.4	256QAM	6	0	17.86	17.89	17.90	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.88	22.94	22.70	24.5	0
20	QPSK	1	49	22.89	22.71	22.90		
20	QPSK	1	99	22.83	22.78	22.93		
20	QPSK	50	0	21.90	21.99	21.95	23.5	1
20	QPSK	50	24	21.95	21.86	21.93		
20	QPSK	50	50	21.96	21.90	21.97		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	21.95	21.99	21.91	23.5	1
20	16QAM	1	49	21.85	22.01	21.79		
20	16QAM	1	99	22.05	22.09	22.02		
20	16QAM	50	0	20.92	20.88	21.04	22.5	2
20	16QAM	50	24	21.04	20.89	20.96		
20	16QAM	50	50	21.05	20.87	20.93		
20	16QAM	100	0	21.07	20.90	20.95		
20	64QAM	1	0	21.02	20.84	20.69	22.5	2
20	64QAM	1	49	20.73	20.81	20.68		
20	64QAM	1	99	20.85	20.59	20.81		
20	64QAM	50	0	19.86	19.96	20.01	21.5	3
20	64QAM	50	24	20.14	19.99	19.88		
20	64QAM	50	50	20.08	19.89	20.00		
20	64QAM	100	0	19.95	19.97	19.91		
20	256QAM	1	0	17.94	18.08	17.80	19.5	5
20	256QAM	1	49	18.05	17.92	17.96		
20	256QAM	1	99	17.83	17.94	17.97		
20	256QAM	50	0	18.03	18.17	18.03	19.5	5
20	256QAM	50	24	18.12	17.92	18.02		
20	256QAM	50	50	18.02	17.97	18.06		
20	256QAM	100	0	18.15	18.17	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.89	22.62	24.5	0
15	QPSK	1	37	22.83	22.62	22.80		
15	QPSK	1	74	22.66	22.69	22.83		
15	QPSK	36	0	21.74	21.89	21.79	23.5	1
15	QPSK	36	20	21.97	21.89	21.75		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.96	21.95	21.82		
15	16QAM	1	0	21.79	21.98	21.81	23.5	1
15	16QAM	1	37	21.75	22.03	21.73		
15	16QAM	1	74	21.91	22.12	21.90		
15	16QAM	36	0	20.81	20.82	20.93	22.5	2
15	16QAM	36	20	20.96	20.90	20.90		
15	16QAM	36	39	20.97	20.82	20.81		
15	16QAM	75	0	21.02	20.88	20.81		
15	64QAM	1	0	20.97	20.81	20.51	22.5	2
15	64QAM	1	37	20.61	20.75	20.60		
15	64QAM	1	74	20.80	20.51	20.63		
15	64QAM	36	0	19.72	19.92	19.90	21.5	3
15	64QAM	36	20	20.01	19.94	19.77		
15	64QAM	36	39	19.98	19.82	19.88		
15	64QAM	75	0	19.78	19.91	19.74		
15	256QAM	1	0	17.85	17.91	17.65	19.5	5
15	256QAM	1	37	17.96	17.81	17.82		
15	256QAM	1	74	17.66	17.86	17.86		
15	256QAM	36	0	17.93	17.90	17.91	19.5	5
15	256QAM	36	20	18.10	18.08	17.95		
15	256QAM	36	39	18.10	17.85	18.02		
15	256QAM	75	0	18.00	17.98	18.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.82	22.56	24.5	0
10	QPSK	1	25	22.89	22.71	22.82		
10	QPSK	1	49	22.65	22.77	22.87		
10	QPSK	25	0	21.80	21.79	21.81	23.5	1
10	QPSK	25	12	21.95	21.88	21.79		
10	QPSK	25	25	21.93	21.89	21.89		
10	QPSK	50	0	21.98	21.96	21.80		
10	16QAM	1	0	21.85	21.92	21.76	23.5	1
10	16QAM	1	25	21.76	21.98	21.65		
10	16QAM	1	49	21.89	22.02	21.94		
10	16QAM	25	0	20.84	20.87	20.95	22.5	2
10	16QAM	25	12	20.93	20.80	20.84		
10	16QAM	25	25	20.92	20.84	20.86		
10	16QAM	50	0	21.01	20.86	20.88		
10	64QAM	1	0	20.85	20.83	20.52	22.5	2
10	64QAM	1	25	20.56	20.79	20.59		
10	64QAM	1	49	20.72	20.63	20.75		
10	64QAM	25	0	19.79	19.99	19.97	21.5	3
10	64QAM	25	12	20.07	19.93	19.83		
10	64QAM	25	25	19.99	19.82	19.94		
10	64QAM	50	0	19.83	19.98	19.81		
10	256QAM	1	0	18.00	18.03	17.64	19.5	5
10	256QAM	1	25	18.09	17.73	17.92		
10	256QAM	1	49	17.72	17.93	17.96		
10	256QAM	25	0	17.88	17.81	17.85	19.5	5
10	256QAM	25	12	18.03	17.90	17.97		
10	256QAM	25	25	17.98	17.94	17.97		
10	256QAM	50	0	18.20	17.99	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.87	22.53	24.5	0
5	QPSK	1	12	22.81	22.65	22.78		
5	QPSK	1	24	22.76	22.75	22.86		
5	QPSK	12	0	21.84	21.85	21.78	23.5	1
5	QPSK	12	7	21.90	21.87	21.80		
5	QPSK	12	13	21.90	21.87	21.88		
5	QPSK	25	0	21.85	21.95	21.87		
5	16QAM	1	0	21.84	21.97	21.75	23.5	1
5	16QAM	1	12	21.68	21.94	21.74		
5	16QAM	1	24	22.00	22.00	21.93		
5	16QAM	12	0	20.82	20.87	20.87	22.5	2
5	16QAM	12	7	20.86	20.89	20.88		
5	16QAM	12	13	20.87	20.81	20.75		
5	16QAM	25	0	21.02	20.88	20.78		
5	64QAM	1	0	20.91	20.84	20.57	22.5	2
5	64QAM	1	12	20.59	20.73	20.62		
5	64QAM	1	24	20.78	20.56	20.73		
5	64QAM	12	0	19.68	19.92	19.94	21.5	3
5	64QAM	12	7	20.04	20.01	19.73		
5	64QAM	12	13	20.02	19.81	19.87		
5	64QAM	25	0	19.83	19.93	19.74		
5	256QAM	1	0	17.85	18.02	17.74	19.5	5
5	256QAM	1	12	17.94	17.67	17.99		
5	256QAM	1	24	17.89	17.93	18.01		
5	256QAM	12	0	17.90	17.86	17.82	19.5	5
5	256QAM	12	7	17.93	17.87	17.88		
5	256QAM	12	13	18.05	17.94	18.08		
5	256QAM	25	0	17.98	18.16	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.94	22.91	22.78	22.95	22.60	22.60	24.5	0
20	QPSK	1	49	22.81	22.82	22.71	22.79	22.84	22.76		
20	QPSK	1	99	22.78	22.82	22.90	22.78	22.79	22.88		
20	QPSK	50	0	21.86	21.86	21.73	22.00	21.70	21.78	23.5	1
20	QPSK	50	24	21.95	21.83	21.85	21.83	21.68	21.63		
20	QPSK	50	50	21.94	21.96	21.87	21.95	21.65	21.91		
20	QPSK	100	0	21.89	21.84	21.86	22.02	21.72	21.73		
20	16QAM	1	0	21.79	21.86	21.73	21.83	21.84	21.88	23.5	1
20	16QAM	1	49	21.74	21.89	21.68	21.69	21.87	21.83		
20	16QAM	1	99	21.89	21.86	21.86	21.82	21.89	21.76		
20	16QAM	50	0	20.84	20.86	20.89	20.73	20.67	20.70	22.5	2
20	16QAM	50	24	20.74	20.93	20.83	20.90	20.66	20.72		
20	16QAM	50	50	20.87	20.89	20.85	20.86	20.76	20.65		
20	16QAM	100	0	20.97	21.02	20.92	20.87	20.94	20.70		
20	64QAM	1	0	20.86	20.76	21.00	20.82	20.71	20.89	22.5	2
20	64QAM	1	49	20.98	21.03	20.78	20.88	20.76	20.96		
20	64QAM	1	99	20.89	20.94	20.86	21.03	20.88	20.91		
20	64QAM	50	0	19.91	19.74	19.85	19.82	19.68	19.86	21.5	3
20	64QAM	50	24	19.99	19.91	19.86	19.88	19.72	19.75		
20	64QAM	50	50	19.94	19.91	19.85	19.92	19.79	19.61		
20	64QAM	100	0	19.97	19.95	19.76	19.88	19.66	19.75		
20	256QAM	1	0	17.92	18.04	17.87	18.10	17.72	17.75	19.5	5
20	256QAM	1	49	17.90	17.86	17.74	17.81	17.86	17.88		
20	256QAM	1	99	17.96	17.80	17.89	17.85	17.94	17.94		
20	256QAM	50	0	17.89	17.85	17.88	18.10	17.80	17.83	19.5	5
20	256QAM	50	24	18.03	18.00	17.99	17.93	17.83	17.71		
20	256QAM	50	50	18.01	18.00	17.90	17.94	17.76	17.98		
20	256QAM	100	0	18.00	17.90	18.01	18.01	17.89	17.76		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.90	22.80	22.68	22.76	22.53	22.88	24.50	0
15	QPSK	1	37	22.76	22.70	22.61	22.74	22.78	22.68		
15	QPSK	1	74	22.65	22.76	22.76	22.63	22.61	22.75		
15	QPSK	36	0	21.73	21.82	21.60	21.79	21.62	21.68	23.5	1
15	QPSK	36	20	21.80	21.73	21.80	21.67	21.55	21.50		
15	QPSK	36	39	21.77	21.84	21.73	21.77	21.52	21.80		
15	QPSK	75	0	21.85	21.78	21.81	21.75	21.68	21.57		
15	16QAM	1	0	21.67	21.79	21.57	21.71	21.79	21.76	23.5	1
15	16QAM	1	37	21.65	21.74	21.58	21.63	21.78	21.77		
15	16QAM	1	74	21.85	21.72	21.72	21.64	21.73	21.70		
15	16QAM	36	0	20.71	20.80	20.73	20.58	20.62	20.59	22.5	2
15	16QAM	36	20	20.67	20.89	20.75	20.83	20.53	20.64		
15	16QAM	36	39	20.70	20.81	20.71	20.69	20.65	20.58		
15	16QAM	75	0	20.83	20.88	20.83	20.73	20.88	20.63		
15	64QAM	1	0	20.71	20.62	20.87	20.72	20.62	20.77	22.5	2
15	64QAM	1	37	20.83	20.98	20.68	20.77	20.70	20.89		
15	64QAM	1	74	20.77	20.83	20.75	20.97	20.83	20.86		
15	64QAM	36	0	19.76	19.58	19.80	19.77	19.61	19.80	21.5	3
15	64QAM	36	20	19.83	19.73	19.72	19.82	19.58	19.68		
15	64QAM	36	39	19.89	19.76	19.70	19.86	19.66	19.56		
15	64QAM	75	0	19.89	19.78	19.70	19.73	19.54	19.57		
15	256QAM	1	0	17.89	17.84	17.83	17.83	17.67	17.88	19.5	5
15	256QAM	1	37	17.90	17.82	17.79	17.96	17.82	17.74		
15	256QAM	1	74	17.71	17.85	17.84	17.73	17.71	17.97		
15	256QAM	36	0	17.75	17.87	17.62	17.79	17.74	17.75	19.5	5
15	256QAM	36	20	17.93	17.81	17.85	17.83	17.76	17.69		
15	256QAM	36	39	17.81	17.88	17.90	17.84	17.72	18.01		
15	256QAM	75	0	18.06	18.00	17.87	18.11	17.88	17.95		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.85	22.62	22.75	22.88	22.50	24.50	0
10	QPSK	1	25	22.74	22.76	22.66	22.73	22.74	22.68		
10	QPSK	1	49	22.69	22.69	22.79	22.69	22.67	22.75		
10	QPSK	25	0	21.76	21.91	21.68	21.68	21.58	21.61	23.5	1
10	QPSK	25	12	21.79	21.69	21.72	21.79	21.55	21.58		
10	QPSK	25	25	21.78	21.90	21.78	21.88	21.53	21.74		
10	QPSK	50	0	21.91	21.79	21.79	21.74	21.66	21.64		
10	16QAM	1	0	21.70	21.80	21.66	21.74	21.68	21.82	23.5	1
10	16QAM	1	25	21.63	21.78	21.57	21.58	21.72	21.71		
10	16QAM	1	49	21.83	21.76	21.70	21.73	21.77	21.68		
10	16QAM	25	0	20.73	20.80	20.78	20.62	20.63	20.53	22.5	2
10	16QAM	25	12	20.63	20.76	20.67	20.75	20.56	20.63		
10	16QAM	25	25	20.75	20.77	20.70	20.72	20.66	20.54		
10	16QAM	50	0	20.82	20.89	20.80	20.78	20.86	20.57		
10	64QAM	1	0	20.75	20.58	20.94	20.73	20.61	20.75	22.5	2
10	64QAM	1	25	20.85	20.87	20.64	20.80	20.67	20.88		
10	64QAM	1	49	20.72	20.80	20.69	20.90	20.74	20.82		
10	64QAM	25	0	19.82	19.69	19.75	19.77	19.51	19.78	21.5	3
10	64QAM	25	12	19.88	19.78	19.78	19.79	19.55	19.57		
10	64QAM	25	25	19.84	19.77	19.70	19.78	19.65	19.55		
10	64QAM	50	0	19.90	19.87	19.70	19.71	19.56	19.68		
10	256QAM	1	0	18.01	17.84	17.65	17.95	17.73	17.69	19.5	5
10	256QAM	1	25	17.81	17.97	17.83	17.94	17.87	17.88		
10	256QAM	1	49	17.70	17.82	18.00	17.84	17.74	17.75		
10	256QAM	25	0	17.77	17.90	17.76	17.84	17.67	17.75	19.5	5
10	256QAM	25	12	17.99	17.81	17.85	17.93	17.62	17.68		
10	256QAM	25	25	17.78	17.98	17.90	18.00	17.73	17.82		
10	256QAM	50	0	17.92	17.86	17.97	17.79	17.81	17.80		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.84	22.83	22.73	22.83	22.53	22.54	24.50	0
5	QPSK	1	12	22.74	22.67	22.64	22.64	22.73	22.66		
5	QPSK	1	24	22.66	22.65	22.84	22.66	22.67	22.76		
5	QPSK	12	0	21.77	21.85	21.58	21.82	21.64	21.67	23.5	1
5	QPSK	12	7	21.86	21.76	21.78	21.67	21.51	21.55		
5	QPSK	12	13	21.83	21.79	21.72	21.89	21.54	21.87		
5	QPSK	25	0	21.87	21.75	21.74	21.81	21.64	21.60		
5	16QAM	1	0	21.70	21.78	21.55	21.73	21.71	21.72	23.5	1
5	16QAM	1	12	21.63	21.79	21.64	21.57	21.70	21.77		
5	16QAM	1	24	21.76	21.70	21.73	21.74	21.75	21.65		
5	16QAM	12	0	20.73	20.68	20.78	20.67	20.54	20.64	22.5	2
5	16QAM	12	7	20.57	20.84	20.68	20.84	20.56	20.55		
5	16QAM	12	13	20.75	20.80	20.70	20.74	20.58	20.51		
5	16QAM	25	0	20.93	20.96	20.80	20.74	20.88	20.63		
5	64QAM	1	0	20.73	20.59	20.94	20.77	20.58	20.78	22.5	2
5	64QAM	1	12	20.91	20.94	20.63	20.82	20.64	20.79		
5	64QAM	1	24	20.77	20.84	20.70	20.92	20.80	20.76		
5	64QAM	12	0	19.83	19.66	19.79	19.72	19.63	19.76	21.5	3
5	64QAM	12	7	19.90	19.86	19.70	19.73	19.59	19.63		
5	64QAM	12	13	19.90	19.78	19.70	19.86	19.61	19.52		
5	64QAM	25	0	19.82	19.84	19.61	19.72	19.58	19.62		
5	256QAM	1	0	18.06	17.89	17.74	18.05	17.74	17.69	19.5	5
5	256QAM	1	12	17.75	17.68	17.72	17.76	17.78	17.81		
5	256QAM	1	24	17.78	17.71	17.83	17.79	17.73	17.76		
5	256QAM	12	0	17.79	17.96	17.76	18.00	17.73	17.78	19.5	5
5	256QAM	12	7	17.87	17.86	17.77	17.88	17.64	17.69		
5	256QAM	12	13	18.03	17.94	17.84	18.02	17.67	17.92		
5	256QAM	25	0	17.88	17.83	17.73	17.91	17.82	17.79		

GSM850 Ant1 Default

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	33.01	33.08	33.02	34.00	24.01	24.08	24.02	25.00
GPRS 1 Tx slot	32.88	32.85	32.86	34.00	23.88	23.85	23.86	25.00
GPRS 2 Tx slots	29.77	29.51	29.75	31.00	23.77	23.51	23.75	25.00
GPRS 3 Tx slots	27.92	27.71	27.94	29.00	23.66	23.45	23.68	24.74
GPRS 4 Tx slots	26.28	26.48	26.10	28.00	23.28	23.48	23.10	25.00
EDGE 1 Tx slot	26.77	26.92	26.90	28.00	17.77	17.92	17.90	19.00
EDGE 2 Tx slots	23.84	23.70	23.67	25.00	17.84	17.70	17.67	19.00
EDGE 3 Tx slots	21.90	22.18	22.16	23.50	17.64	17.92	17.90	19.24
EDGE 4 Tx slots	20.38	20.68	20.72	22.00	17.38	17.68	17.72	19.00

WCDMA V Ant1 Default

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.23	24.29	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.36	24.24	25.00
3GPP Rel 6	HSDPA Subtest-1	23.42	23.42	23.28	24.00
3GPP Rel 6	HSDPA Subtest-2	23.46	23.41	23.32	24.00
3GPP Rel 6	HSDPA Subtest-3	22.93	22.86	22.81	23.50
3GPP Rel 6	HSDPA Subtest-4	22.94	22.89	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.40	23.26	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.41	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.81	22.73	22.77	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.81	22.91	22.74	23.50
3GPP Rel 6	HSUPA Subtest-1	23.40	23.37	23.31	24.00
3GPP Rel 6	HSUPA Subtest-2	21.39	21.41	21.31	22.00
3GPP Rel 6	HSUPA Subtest-3	22.36	22.27	22.30	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.34	21.28	22.00
3GPP Rel 6	HSUPA Subtest-5	23.40	23.40	23.30	24.00

Band 5 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.28	24.31	24.26	25.7	0
10	QPSK	1	25	24.27	24.29	24.30		
10	QPSK	1	49	24.20	24.23	24.25		
10	QPSK	25	0	23.31	23.41	23.33	24.7	1
10	QPSK	25	12	23.40	23.32	23.34		
10	QPSK	25	25	23.35	23.36	23.39		
10	QPSK	50	0	23.31	23.39	23.38		
10	16QAM	1	0	23.23	23.33	23.26	24.7	1
10	16QAM	1	25	23.21	23.30	23.21		
10	16QAM	1	49	23.25	23.27	23.23		
10	16QAM	25	0	22.32	22.31	22.34	23.7	2
10	16QAM	25	12	22.42	22.36	22.43		
10	16QAM	25	25	22.38	22.40	22.37		
10	16QAM	50	0	22.40	22.31	22.41		
10	64QAM	1	0	22.44	22.47	22.48	23.7	2
10	64QAM	1	25	22.51	22.45	22.46		
10	64QAM	1	49	22.41	22.36	22.40		
10	64QAM	25	0	21.33	21.33	21.34	22.7	3
10	64QAM	25	12	21.42	21.34	21.45		
10	64QAM	25	25	21.37	21.35	21.37		
10	64QAM	50	0	21.40	21.32	21.41		
10	256QAM	1	0	19.26	19.30	19.27	20.7	5
10	256QAM	1	25	19.32	19.25	19.40		
10	256QAM	1	49	19.28	19.26	19.16		
10	256QAM	25	0	19.36	19.48	19.34	20.7	5
10	256QAM	25	12	19.32	19.32	19.44		
10	256QAM	25	25	19.38	19.44	19.35		
10	256QAM	50	0	19.39	19.40	19.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.25	24.27	24.27	25.7	0
5	QPSK	1	12	24.27	24.28	24.28		
5	QPSK	1	24	24.28	24.23	24.30		
5	QPSK	12	0	23.28	23.30	23.29	24.7	1
5	QPSK	12	7	23.35	23.36	23.38		
5	QPSK	12	13	23.34	23.35	23.35		
5	QPSK	25	0	23.36	23.27	23.29		
5	16QAM	1	0	23.30	23.31	23.29	24.7	1
5	16QAM	1	12	23.30	23.32	23.37		
5	16QAM	1	24	23.23	23.31	23.22		
5	16QAM	12	0	22.33	22.33	22.35	23.7	2
5	16QAM	12	7	22.41	22.40	22.45		
5	16QAM	12	13	22.42	22.39	22.41		
5	16QAM	25	0	22.35	22.29	22.29		
5	64QAM	1	0	22.53	22.50	22.48	23.7	2
5	64QAM	1	12	22.55	22.50	22.47		
5	64QAM	1	24	22.46	22.46	22.56		
5	64QAM	12	0	21.35	21.31	21.36	22.7	3
5	64QAM	12	7	21.41	21.40	21.41		
5	64QAM	12	13	21.38	21.35	21.41		
5	64QAM	25	0	21.38	21.30	21.28		
5	256QAM	1	0	19.18	19.25	19.25	20.7	5
5	256QAM	1	12	19.19	19.29	19.21		
5	256QAM	1	24	19.31	19.20	19.40		
5	256QAM	12	0	19.34	19.37	19.25	20.7	5
5	256QAM	12	7	19.37	19.40	19.31		
5	256QAM	12	13	19.27	19.37	19.37		
5	256QAM	25	0	19.47	19.30	19.23		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.22	24.26	24.22	25.7	0
3	QPSK	1	8	24.30	24.29	24.29		
3	QPSK	1	14	24.21	24.22	24.22		
3	QPSK	8	0	23.34	23.28	23.29	24.7	1
3	QPSK	8	4	23.35	23.35	23.36		
3	QPSK	8	7	23.33	23.34	23.34		
3	QPSK	15	0	23.32	23.23	23.32		
3	16QAM	1	0	23.38	23.39	23.39	24.7	1
3	16QAM	1	8	23.50	23.52	23.49		
3	16QAM	1	14	23.47	23.40	23.48		
3	16QAM	8	0	22.40	22.32	22.35	23.7	2
3	16QAM	8	4	22.45	22.44	22.46		
3	16QAM	8	7	22.43	22.44	22.42		
3	16QAM	15	0	22.39	22.28	22.42		
3	64QAM	1	0	22.51	22.44	22.43	23.7	2
3	64QAM	1	8	22.51	22.46	22.58		
3	64QAM	1	14	22.39	22.47	22.46		
3	64QAM	8	0	21.41	21.29	21.32	22.7	3
3	64QAM	8	4	21.41	21.38	21.36		
3	64QAM	8	7	21.37	21.34	21.37		
3	64QAM	15	0	21.36	21.27	21.36		
3	256QAM	1	0	19.22	19.35	19.20	20.7	5
3	256QAM	1	8	19.20	19.35	19.23		
3	256QAM	1	14	19.32	19.29	19.25		
3	256QAM	8	0	19.30	19.27	19.33	20.7	5
3	256QAM	8	4	19.25	19.47	19.46		
3	256QAM	8	7	19.24	19.31	19.39		
3	256QAM	15	0	19.31	19.23	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.11	24.12	24.21	25.7	0
1.4	QPSK	1	3	24.25	24.29	24.11		
1.4	QPSK	1	5	24.10	24.23	24.18		
1.4	QPSK	3	0	24.07	24.23	24.10		
1.4	QPSK	3	1	24.30	24.16	24.07		
1.4	QPSK	3	3	24.18	24.24	24.01		
1.4	QPSK	6	0	23.20	23.08	23.16	24.7	1
1.4	16QAM	1	0	23.23	23.19	23.23	24.7	1
1.4	16QAM	1	3	23.20	23.26	23.31		
1.4	16QAM	1	5	23.11	23.20	23.24		
1.4	16QAM	3	0	23.36	23.26	23.24		
1.4	16QAM	3	1	23.42	23.39	23.46		
1.4	16QAM	3	3	23.44	23.37	23.27		
1.4	16QAM	6	0	22.34	22.26	22.22	23.7	2
1.4	64QAM	1	0	22.29	22.38	22.41	23.7	2
1.4	64QAM	1	3	22.38	22.31	22.36		
1.4	64QAM	1	5	22.23	22.20	22.25		
1.4	64QAM	3	0	22.41	22.23	22.42		
1.4	64QAM	3	1	22.53	22.48	22.57		
1.4	64QAM	3	3	22.41	22.30	22.32		
1.4	64QAM	6	0	21.38	21.25	21.28	22.7	3
1.4	256QAM	1	0	19.17	19.01	19.11	20.7	5
1.4	256QAM	1	3	19.29	19.27	19.08		
1.4	256QAM	1	5	19.02	19.22	19.09		
1.4	256QAM	3	0	19.05	19.21	19.13		
1.4	256QAM	3	1	19.30	19.25	19.03		
1.4	256QAM	3	3	19.28	19.27	19.07		
1.4	256QAM	6	0	19.14	19.08	19.11	20.7	5

Band 12 Ant1 Default

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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.34	24.46	24.29	25.7	0
10	QPSK	1	25	24.44	24.39	24.33		
10	QPSK	1	49	24.45	24.43	24.45		
10	QPSK	25	0	23.48	23.54	23.44	24.7	1
10	QPSK	25	12	23.53	23.53	23.46		
10	QPSK	25	25	23.49	23.52	23.47		
10	QPSK	50	0	23.48	23.53	23.45		
10	16QAM	1	0	23.59	23.49	23.55	24.7	1
10	16QAM	1	25	23.49	23.56	23.57		
10	16QAM	1	49	23.39	23.53	23.38		
10	16QAM	25	0	22.43	22.46	22.45	23.7	2
10	16QAM	25	12	22.57	22.53	22.48		
10	16QAM	25	25	22.52	22.56	22.54		
10	16QAM	50	0	22.52	22.49	22.46		
10	64QAM	1	0	22.54	22.46	22.51	23.7	2
10	64QAM	1	25	22.70	22.65	22.53		
10	64QAM	1	49	22.59	22.65	22.60		
10	64QAM	25	0	21.46	21.45	21.43	22.7	3
10	64QAM	25	12	21.55	21.54	21.46		
10	64QAM	25	25	21.53	21.51	21.52		
10	64QAM	50	0	21.50	21.50	21.45		
10	256QAM	1	0	19.36	19.51	19.39	20.7	5
10	256QAM	1	25	19.40	19.36	19.39		
10	256QAM	1	49	19.55	19.34	19.45		
10	256QAM	25	0	19.54	19.56	19.52	20.7	5
10	256QAM	25	12	19.57	19.56	19.56		
10	256QAM	25	25	19.53	19.59	19.43		
10	256QAM	50	0	19.42	19.64	19.42		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.36	24.43	24.37	25.7	0
5	QPSK	1	12	24.40	24.36	24.45		
5	QPSK	1	24	24.39	24.42	24.39		
5	QPSK	12	0	23.42	23.40	23.42	24.7	1
5	QPSK	12	7	23.50	23.50	23.50		
5	QPSK	12	13	23.45	23.44	23.46		
5	QPSK	25	0	23.48	23.45	23.48		
5	16QAM	1	0	23.30	23.35	23.39	24.7	1
5	16QAM	1	12	23.54	23.45	23.58		
5	16QAM	1	24	23.42	23.35	23.39		
5	16QAM	12	0	22.45	22.48	22.46	23.7	2
5	16QAM	12	7	22.58	22.52	22.55		
5	16QAM	12	13	22.52	22.50	22.55		
5	16QAM	25	0	22.52	22.49	22.49		
5	64QAM	1	0	22.62	22.66	22.54	23.7	2
5	64QAM	1	12	22.62	22.60	22.72		
5	64QAM	1	24	22.56	22.57	22.61		
5	64QAM	12	0	21.45	21.45	21.45	22.7	3
5	64QAM	12	7	21.54	21.53	21.52		
5	64QAM	12	13	21.51	21.50	21.50		
5	64QAM	25	0	21.52	21.48	21.49		
5	256QAM	1	0	19.42	19.47	19.39	20.7	5
5	256QAM	1	12	19.42	19.25	19.38		
5	256QAM	1	24	19.32	19.45	19.49		
5	256QAM	12	0	19.51	19.33	19.34	20.7	5
5	256QAM	12	7	19.52	19.54	19.38		
5	256QAM	12	13	19.52	19.33	19.43		
5	256QAM	25	0	19.51	19.42	19.47		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.32	24.35	25.7	0
3	QPSK	1	8	24.45	24.42	24.42		
3	QPSK	1	14	24.35	24.33	24.34		
3	QPSK	8	0	23.51	23.43	23.43	24.7	1
3	QPSK	8	4	23.53	23.50	23.50		
3	QPSK	8	7	23.47	23.45	23.46		
3	QPSK	15	0	23.49	23.46	23.39		
3	16QAM	1	0	23.41	23.42	23.42	24.7	1
3	16QAM	1	8	23.58	23.53	23.60		
3	16QAM	1	14	23.41	23.43	23.38		
3	16QAM	8	0	22.61	22.53	22.51	23.7	2
3	16QAM	8	4	22.62	22.61	22.59		
3	16QAM	8	7	22.58	22.56	22.53		
3	16QAM	15	0	22.52	22.50	22.43		
3	64QAM	1	0	22.59	22.63	22.51	23.7	2
3	64QAM	1	8	22.66	22.61	22.56		
3	64QAM	1	14	22.51	22.46	22.53		
3	64QAM	8	0	21.60	21.44	21.46	22.7	3
3	64QAM	8	4	21.57	21.55	21.55		
3	64QAM	8	7	21.52	21.48	21.50		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.45	19.21	19.37	20.7	5
3	256QAM	1	8	19.53	19.54	19.49		
3	256QAM	1	14	19.27	19.31	19.38		
3	256QAM	8	0	19.52	19.36	19.53	20.7	5
3	256QAM	8	4	19.53	19.51	19.43		
3	256QAM	8	7	19.51	19.34	19.53		
3	256QAM	15	0	19.46	19.39	19.31		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.21	24.32	24.23	25.7	0
1.4	QPSK	1	3	24.26	24.36	24.38		
1.4	QPSK	1	5	24.38	24.37	24.32		
1.4	QPSK	3	0	24.29	24.19	24.32		
1.4	QPSK	3	1	24.40	24.42	24.41		
1.4	QPSK	3	3	24.30	24.22	24.23		
1.4	QPSK	6	0	23.26	23.28	23.42	24.7	1
1.4	16QAM	1	0	23.29	23.40	23.42	24.7	1
1.4	16QAM	1	3	23.37	23.32	23.47		
1.4	16QAM	1	5	23.29	23.32	23.40		
1.4	16QAM	3	0	23.12	23.13	23.39		
1.4	16QAM	3	1	23.44	23.37	23.59		
1.4	16QAM	3	3	23.41	23.30	23.27		
1.4	16QAM	6	0	22.29	22.50	22.24	23.7	2
1.4	64QAM	1	0	22.49	22.31	22.50	23.7	2
1.4	64QAM	1	3	22.45	22.49	22.46		
1.4	64QAM	1	5	22.37	22.40	22.29		
1.4	64QAM	3	0	22.46	22.52	22.39		
1.4	64QAM	3	1	22.59	22.47	22.68		
1.4	64QAM	3	3	22.51	22.36	22.43		
1.4	64QAM	6	0	21.47	21.41	21.41	22.7	3
1.4	256QAM	1	0	19.24	19.29	19.16	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.45		
1.4	256QAM	1	5	19.38	19.33	19.30		
1.4	256QAM	3	0	19.23	19.31	19.40		
1.4	256QAM	3	1	19.36	19.44	19.52		
1.4	256QAM	3	3	19.34	19.15	19.34		
1.4	256QAM	6	0	19.15	19.37	19.54	20.7	5

Band 13 Ant1 Default

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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.62		25.7	0
10	QPSK	1	25		24.52			
10	QPSK	1	49		24.59			
10	QPSK	25	0		23.70		24.7	1
10	QPSK	25	12		23.60			
10	QPSK	25	25		23.64			
10	QPSK	50	0		23.64			
10	16QAM	1	0		23.95		24.7	1
10	16QAM	1	25		24.10			
10	16QAM	1	49		24.01			
10	16QAM	25	0		22.63		23.7	2
10	16QAM	25	12		22.65			
10	16QAM	25	25		22.72			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.64		23.7	2
10	64QAM	1	25		22.83			
10	64QAM	1	49		22.77			
10	64QAM	25	0		21.64		22.7	3
10	64QAM	25	12		21.64			
10	64QAM	25	25		21.69			
10	64QAM	50	0		21.60			
10	256QAM	1	0		19.28		20.7	5
10	256QAM	1	25		19.31			
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.32		20.7	5
10	256QAM	25	12		19.36			
10	256QAM	25	25		19.32			
10	256QAM	50	0		19.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.53	24.57	24.53	25.7	0
5	QPSK	1	12	24.61	24.58	24.50		
5	QPSK	1	24	24.54	24.57	24.54		
5	QPSK	12	0	23.52	23.55	23.55	24.7	1
5	QPSK	12	7	23.62	23.60	23.67		
5	QPSK	12	13	23.61	23.65	23.62		
5	QPSK	25	0	23.59	23.55	23.61		
5	16QAM	1	0	23.68	23.76	23.69	24.7	1
5	16QAM	1	12	23.84	23.79	23.88		
5	16QAM	1	24	23.68	23.75	23.77		
5	16QAM	12	0	22.54	22.61	22.64	23.7	2
5	16QAM	12	7	22.71	22.66	22.72		
5	16QAM	12	13	22.63	22.70	22.68		
5	16QAM	25	0	22.63	22.60	22.64		
5	64QAM	1	0	22.68	22.75	22.75	23.7	2
5	64QAM	1	12	22.77	22.86	22.92		
5	64QAM	1	24	22.72	22.76	22.71		
5	64QAM	12	0	21.55	21.60	21.60	22.7	3
5	64QAM	12	7	21.68	21.63	21.73		
5	64QAM	12	13	21.67	21.66	21.65		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.10	19.30	18.99	20.7	5
5	256QAM	1	12	18.99	19.25	19.11		
5	256QAM	1	24	19.21	19.05	19.07		
5	256QAM	12	0	19.17	19.28	19.03	20.7	5
5	256QAM	12	7	19.26	19.28	19.26		
5	256QAM	12	13	19.28	19.37	19.06		
5	256QAM	25	0	19.27	19.22	19.05		

Band 17 Ant1 Default

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.26	24.36	24.27	25.7	0
10	QPSK	1	25	24.35	24.31	24.35		
10	QPSK	1	49	24.28	24.30	24.26		
10	QPSK	25	0	23.37	23.45	23.36	24.7	1
10	QPSK	25	12	23.34	23.37	23.41		
10	QPSK	25	25	23.39	23.39	23.37		
10	QPSK	50	0	23.41	23.42	23.32		
10	16QAM	1	0	23.63	23.70	23.64	24.7	1
10	16QAM	1	25	23.56	23.74	23.63		
10	16QAM	1	49	23.71	23.69	23.70		
10	16QAM	25	0	22.39	22.38	22.38	23.7	2
10	16QAM	25	12	22.47	22.40	22.49		
10	16QAM	25	25	22.42	22.43	22.43		
10	16QAM	50	0	22.41	22.33	22.44		
10	64QAM	1	0	22.42	22.40	22.49	23.7	2
10	64QAM	1	25	22.50	22.45	22.59		
10	64QAM	1	49	22.53	22.51	22.51		
10	64QAM	25	0	21.37	21.37	21.38	22.7	3
10	64QAM	25	12	21.48	21.41	21.47		
10	64QAM	25	25	21.39	21.40	21.43		
10	64QAM	50	0	21.40	21.34	21.42		
10	256QAM	1	0	19.09	19.29	19.07	20.7	5
10	256QAM	1	25	18.97	19.31	19.16		
10	256QAM	1	49	19.28	19.09	19.14		
10	256QAM	25	0	19.18	19.25	19.03	20.7	5
10	256QAM	25	12	19.29	19.29	19.27		
10	256QAM	25	25	19.40	19.37	19.01		
10	256QAM	50	0	19.28	19.15	19.11		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.32	24.33	24.31	25.7	0
5	QPSK	1	12	24.31	24.31	24.34		
5	QPSK	1	24	24.23	24.22	24.24		
5	QPSK	12	0	23.33	23.34	23.33	24.7	1
5	QPSK	12	7	23.38	23.37	23.36		
5	QPSK	12	13	23.31	23.32	23.30		
5	QPSK	25	0	23.36	23.27	23.28		
5	16QAM	1	0	23.66	23.71	23.72	24.7	1
5	16QAM	1	12	23.69	23.75	23.75		
5	16QAM	1	24	23.57	23.54	23.66		
5	16QAM	12	0	22.38	22.39	22.39	23.7	2
5	16QAM	12	7	22.43	22.45	22.43		
5	16QAM	12	13	22.37	22.31	22.33		
5	16QAM	25	0	22.37	22.30	22.30		
5	64QAM	1	0	22.49	22.42	22.42	23.7	2
5	64QAM	1	12	22.50	22.45	22.56		
5	64QAM	1	24	22.43	22.43	22.42		
5	64QAM	12	0	21.35	21.34	21.40	22.7	3
5	64QAM	12	7	21.42	21.41	21.42		
5	64QAM	12	13	21.33	21.31	21.31		
5	64QAM	25	0	21.35	21.30	21.29		
5	256QAM	1	0	19.08	19.32	19.04	20.7	5
5	256QAM	1	12	18.96	19.26	19.15		
5	256QAM	1	24	19.22	19.04	19.16		
5	256QAM	12	0	19.18	19.23	19.09	20.7	5
5	256QAM	12	7	19.26	19.32	19.35		
5	256QAM	12	13	19.38	19.40	19.13		
5	256QAM	25	0	19.28	19.17	19.07		

Band 26 Ant1 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.32	24.30	25.7	0
15	QPSK	1	37	24.22	24.31	24.28		
15	QPSK	1	74	24.30	24.28	24.26		
15	QPSK	36	0	23.24	23.35	23.27	24.7	1
15	QPSK	36	20	23.32	23.28	23.34		
15	QPSK	36	39	23.29	23.30	23.34		
15	QPSK	75	0	23.30	23.36	23.29		
15	16QAM	1	0	23.34	23.37	23.45	24.7	1
15	16QAM	1	37	23.25	23.35	23.41		
15	16QAM	1	74	23.46	23.32	23.33		
15	16QAM	36	0	22.26	22.32	22.31	23.7	2
15	16QAM	36	20	22.33	22.32	22.38		
15	16QAM	36	39	22.33	22.40	22.36		
15	16QAM	75	0	22.34	22.30	22.36		
15	64QAM	1	0	22.37	22.41	22.44	23.7	2
15	64QAM	1	37	22.33	22.46	22.50		
15	64QAM	1	74	22.39	22.42	22.48		
15	64QAM	36	0	21.24	21.30	21.28	22.7	3
15	64QAM	36	20	21.32	21.28	21.36		
15	64QAM	36	39	21.34	21.37	21.36		
15	64QAM	75	0	21.33	21.30	21.36		
15	256QAM	1	0	19.16	19.31	18.99	20.7	5
15	256QAM	1	37	19.01	19.25	19.11		
15	256QAM	1	74	19.30	19.03	19.15		
15	256QAM	36	0	19.24	19.29	19.02	20.7	5
15	256QAM	36	20	19.35	19.39	19.29		
15	256QAM	36	39	19.40	19.28	19.11		
15	256QAM	75	0	19.31	19.17	19.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.15	24.10	24.22	25.7	0
10	QPSK	1	25	24.12	24.22	24.15		
10	QPSK	1	49	24.29	24.23	24.07		
10	QPSK	25	0	23.07	23.28	23.24	24.7	1
10	QPSK	25	12	23.23	23.29	23.16		
10	QPSK	25	25	23.17	23.32	23.31		
10	QPSK	50	0	23.15	23.28	23.28		
10	16QAM	1	0	23.14	23.33	23.26	24.7	1
10	16QAM	1	25	23.21	23.37	23.19		
10	16QAM	1	49	23.26	23.27	23.27		
10	16QAM	25	0	22.05	22.11	22.13	23.7	2
10	16QAM	25	12	22.31	22.15	22.17		
10	16QAM	25	25	22.35	22.22	22.27		
10	16QAM	50	0	22.29	22.10	22.14		
10	64QAM	1	0	22.38	22.43	22.36	23.7	2
10	64QAM	1	25	22.24	22.28	22.32		
10	64QAM	1	49	22.26	22.31	22.44		
10	64QAM	25	0	21.20	21.31	21.08	22.7	3
10	64QAM	25	12	21.19	21.18	21.31		
10	64QAM	25	25	21.15	21.24	21.33		
10	64QAM	50	0	21.13	21.30	21.16		
10	256QAM	1	0	19.14	19.28	19.03	20.7	5
10	256QAM	1	25	18.98	19.23	19.11		
10	256QAM	1	49	19.27	19.12	19.15		
10	256QAM	25	0	19.24	19.29	19.13	20.7	5
10	256QAM	25	12	19.31	19.28	19.28		
10	256QAM	25	25	19.30	19.31	19.02		
10	256QAM	50	0	19.32	19.21	19.05		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.01	24.15	24.19	25.7	0
5	QPSK	1	12	24.09	24.24	24.16		
5	QPSK	1	24	24.18	24.12	24.05		
5	QPSK	12	0	23.17	23.24	23.19	24.7	1
5	QPSK	12	7	23.21	23.28	23.23		
5	QPSK	12	13	23.08	23.31	23.19		
5	QPSK	25	0	23.23	23.20	23.19		
5	16QAM	1	0	23.13	23.35	23.27	24.7	1
5	16QAM	1	12	23.25	23.19	23.22		
5	16QAM	1	24	23.37	23.20	23.19		
5	16QAM	12	0	22.25	22.17	22.28	23.7	2
5	16QAM	12	7	22.24	22.34	22.30		
5	16QAM	12	13	22.15	22.38	22.16		
5	16QAM	25	0	22.34	22.18	22.30		
5	64QAM	1	0	22.27	22.23	22.39	23.7	2
5	64QAM	1	12	22.27	22.46	22.31		
5	64QAM	1	24	22.38	22.29	22.41		
5	64QAM	12	0	21.08	21.16	21.07	22.7	3
5	64QAM	12	7	21.11	21.13	21.19		
5	64QAM	12	13	21.28	21.35	21.17		
5	64QAM	25	0	21.34	21.10	21.37		
5	256QAM	1	0	19.07	19.31	19.04	20.7	5
5	256QAM	1	12	19.01	19.35	19.17		
5	256QAM	1	24	19.18	19.12	19.19		
5	256QAM	12	0	19.17	19.30	19.12	20.7	5
5	256QAM	12	7	19.31	19.38	19.27		
5	256QAM	12	13	19.29	19.31	19.14		
5	256QAM	25	0	19.35	19.16	19.16		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.22	24.23	25.7	0
3	QPSK	1	8	24.20	24.26	24.22		
3	QPSK	1	14	24.19	24.17	24.22		
3	QPSK	8	0	23.11	23.23	23.20	24.7	1
3	QPSK	8	4	23.28	23.18	23.13		
3	QPSK	8	7	23.28	23.26	23.19		
3	QPSK	15	0	23.18	23.11	23.31		
3	16QAM	1	0	23.23	23.34	23.24	24.7	1
3	16QAM	1	8	23.19	23.26	23.25		
3	16QAM	1	14	23.46	23.23	23.22		
3	16QAM	8	0	22.17	22.23	22.29	23.7	2
3	16QAM	8	4	22.17	22.20	22.32		
3	16QAM	8	7	22.16	22.41	22.32		
3	16QAM	15	0	22.33	22.28	22.28		
3	64QAM	1	0	22.33	22.21	22.44	23.7	2
3	64QAM	1	8	22.17	22.43	22.50		
3	64QAM	1	14	22.18	22.23	22.28		
3	64QAM	8	0	21.24	21.20	21.30	22.7	3
3	64QAM	8	4	21.21	21.23	21.31		
3	64QAM	8	7	21.13	21.20	21.25		
3	64QAM	15	0	21.29	21.32	21.24		
3	256QAM	1	0	19.14	19.29	19.02	20.7	5
3	256QAM	1	8	18.97	19.35	19.13		
3	256QAM	1	14	19.31	19.12	19.14		
3	256QAM	8	0	19.18	19.29	19.12	20.7	5
3	256QAM	8	4	19.37	19.35	19.34		
3	256QAM	8	7	19.39	19.36	19.13		
3	256QAM	15	0	19.33	19.05	19.09		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	24.28	24.18	25.7	0
1.4	QPSK	1	3	24.08	24.25	24.25		
1.4	QPSK	1	5	24.11	24.07	24.07		
1.4	QPSK	3	0	24.19	24.22	24.13		
1.4	QPSK	3	1	24.10	24.23	24.27		
1.4	QPSK	3	3	24.30	24.17	24.25		
1.4	QPSK	6	0	23.27	23.20	23.07	24.7	1
1.4	16QAM	1	0	23.21	23.28	23.15	24.7	1
1.4	16QAM	1	3	23.11	23.27	23.16		
1.4	16QAM	1	5	23.15	23.29	23.11		
1.4	16QAM	3	0	23.07	23.29	23.18		
1.4	16QAM	3	1	23.19	23.30	23.14		
1.4	16QAM	3	3	23.29	23.11	23.29		
1.4	16QAM	6	0	22.25	22.09	22.31	23.7	2
1.4	64QAM	1	0	22.31	22.27	22.38	23.7	2
1.4	64QAM	1	3	22.10	22.34	22.14		
1.4	64QAM	1	5	22.29	22.10	22.35		
1.4	64QAM	3	0	22.36	22.22	22.36		
1.4	64QAM	3	1	22.28	22.52	22.22		
1.4	64QAM	3	3	22.40	22.22	22.35		
1.4	64QAM	6	0	21.04	21.24	21.08	22.7	3
1.4	256QAM	1	0	19.09	19.32	19.00	20.7	5
1.4	256QAM	1	3	18.96	19.24	19.12		
1.4	256QAM	1	5	19.29	19.03	19.12		
1.4	256QAM	3	0	19.18	19.30	19.09		
1.4	256QAM	3	1	19.28	19.26	19.35		
1.4	256QAM	3	3	19.37	19.38	19.06		
1.4	256QAM	6	0	19.24	19.11	19.07	20.7	5

GSM1900 Ant3 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	29.88	30.01	30.50	21.02	20.88	21.01	21.50
GPRS 1 Tx slot	29.93	29.75	29.74	30.50	20.93	20.75	20.74	21.50
GPRS 2 Tx slots	26.76	26.57	26.43	27.50	20.76	20.57	20.43	21.50
GPRS 3 Tx slots	24.57	24.68	24.83	25.50	20.31	20.42	20.57	21.24
GPRS 4 Tx slots	23.31	23.32	23.19	24.50	20.31	20.32	20.19	21.50
EDGE 1 Tx slot	25.73	25.78	25.98	26.50	16.73	16.78	16.98	17.50
EDGE 2 Tx slots	22.45	22.38	22.33	24.00	16.45	16.38	16.33	18.00
EDGE 3 Tx slots	20.60	20.66	20.82	21.50	16.34	16.40	16.56	17.24
EDGE 4 Tx slots	18.92	19.04	19.27	20.50	15.92	16.04	16.27	17.50

WCDMA Ⅱ Ant3 Default

WCDMA Ⅳ Ant3 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.85	23.87	23.71	25.00	23.80	23.93	23.84	25.00
3GPP Rel 99	RMC 12.2Kbps	23.92	23.93	23.88	25.00	23.84	23.99	23.92	25.00
3GPP Rel 6	HSDPA Subtest-1	22.90	22.74	22.69	24.00	22.76	22.64	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.85	22.78	22.85	24.00	22.68	22.71	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.27	22.10	22.06	23.50	21.88	22.24	21.77	23.50
3GPP Rel 6	HSDPA Subtest-4	21.96	22.18	22.17	23.50	21.91	22.07	22.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.69	22.82	24.00	22.71	22.79	22.74	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.85	22.95	24.00	22.65	22.75	22.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.08	21.94	23.50	21.80	22.11	21.80	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.02	22.30	22.12	23.50	21.99	22.19	21.89	23.50
3GPP Rel 6	HSUPA Subtest-1	22.71	22.69	22.86	24.00	22.73	22.54	22.82	24.00
3GPP Rel 6	HSUPA Subtest-2	20.68	20.80	20.85	22.00	20.86	20.99	20.71	22.00
3GPP Rel 6	HSUPA Subtest-3	21.78	21.76	21.42	23.00	21.64	21.94	21.57	23.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.66	20.65	22.00	20.46	20.48	20.31	22.00
3GPP Rel 6	HSUPA Subtest-5	23.06	22.66	22.84	24.00	22.91	22.75	22.86	24.00

Band 2 Ant3 Default

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	24.26	24.28	24.17	25.5	0
20	QPSK	1	49	24.26	24.18	24.25		
20	QPSK	1	99	24.14	24.07	24.15		
20	QPSK	50	0	23.28	23.35	23.23	24.5	1
20	QPSK	50	24	23.25	23.22	23.27		
20	QPSK	50	50	23.26	23.24	23.24		
20	QPSK	100	0	23.19	23.33	23.21		
20	16QAM	1	0	23.35	23.34	23.30	24.5	1
20	16QAM	1	49	23.52	23.62	23.44		
20	16QAM	1	99	23.26	23.18	23.18		
20	16QAM	50	0	22.32	22.24	22.24	23.5	2
20	16QAM	50	24	22.35	22.21	22.25		
20	16QAM	50	50	22.27	22.25	22.29		
20	16QAM	100	0	22.32	22.20	22.23		
20	64QAM	1	0	22.40	22.44	22.34	23.5	2
20	64QAM	1	49	22.47	22.51	22.31		
20	64QAM	1	99	22.27	22.32	22.31		
20	64QAM	50	0	21.30	21.26	21.27	22.5	3
20	64QAM	50	24	21.34	21.22	21.25		
20	64QAM	50	50	21.25	21.24	21.29		
20	64QAM	100	0	21.32	21.21	21.21		
20	256QAM	1	0	19.16	19.36	19.15	20.5	5
20	256QAM	1	49	19.33	19.18	19.16		
20	256QAM	1	99	19.22	18.98	19.22		
20	256QAM	50	0	19.35	19.39	19.22	20.5	5
20	256QAM	50	24	19.26	19.16	19.16		
20	256QAM	50	50	19.15	19.27	19.26		
20	256QAM	100	0	19.17	19.33	19.27		
Channel				342.6	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				24.26	1880	1902.5		
15	QPSK	1	0	24.26	24.05	24.12	25.5	0
15	QPSK	1	37	24.20	24.04	24.25		
15	QPSK	1	74	24.11	24.05	24.15		
15	QPSK	36	0	23.22	23.19	23.12	24.5	1
15	QPSK	36	20	23.13	23.12	23.16		
15	QPSK	36	39	23.08	23.02	23.28		
15	QPSK	75	0	23.32	23.18	23.23		
15	16QAM	1	0	23.13	23.24	23.12	24.5	1
15	16QAM	1	37	23.48	23.38	23.21		
15	16QAM	1	74	23.06	23.02	23.04		
15	16QAM	36	0	22.08	22.00	22.14	23.5	2
15	16QAM	36	20	22.35	22.25	22.10		
15	16QAM	36	39	22.16	22.14	22.16		
15	16QAM	75	0	22.36	22.05	22.18		
15	64QAM	1	0	22.22	22.20	22.33	23.5	2
15	64QAM	1	37	22.30	22.33	22.14		
15	64QAM	1	74	22.14	22.17	22.19		
15	64QAM	36	0	21.23	21.29	21.24	22.5	3
15	64QAM	36	20	21.13	21.26	21.05		
15	64QAM	36	39	21.27	21.27	21.32		
15	64QAM	75	0	21.20	21.16	21.04		
15	256QAM	1	0	19.15	18.97	19.21	20.5	5
15	256QAM	1	37	19.27	19.02	19.24		
15	256QAM	1	74	19.04	19.11	19.13		
15	256QAM	36	0	19.34	19.26	19.02	20.5	5
15	256QAM	36	20	19.19	19.21	19.12		
15	256QAM	36	39	19.12	19.06	19.28		
15	256QAM	75	0	19.39	19.27	19.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.14	24.16	24.21	25.5	0
10	QPSK	1	25	24.26	23.98	24.21		
10	QPSK	1	49	23.92	23.84	23.97		
10	QPSK	25	0	23.19	23.22	23.26	24.5	1
10	QPSK	25	12	23.19	23.16	23.16		
10	QPSK	25	25	23.28	23.15	23.18		
10	QPSK	50	0	23.24	23.17	23.16		
10	16QAM	1	0	23.33	23.21	23.27	24.5	1
10	16QAM	1	25	23.54	23.42	23.30		
10	16QAM	1	49	23.04	23.11	23.15		
10	16QAM	25	0	22.17	22.26	21.99	23.5	2
10	16QAM	25	12	22.25	22.00	22.16		
10	16QAM	25	25	22.05	22.26	22.24		
10	16QAM	50	0	22.07	22.14	22.07		
10	64QAM	1	0	22.22	22.41	22.34	23.5	2
10	64QAM	1	25	22.35	22.27	22.26		
10	64QAM	1	49	22.19	22.18	22.29		
10	64QAM	25	0	21.34	21.19	21.15	22.5	3
10	64QAM	25	12	21.24	21.23	21.05		
10	64QAM	25	25	21.08	21.14	21.24		
10	64QAM	50	0	21.33	20.99	21.22		
10	256QAM	1	0	19.06	19.26	19.21	20.5	5
10	256QAM	1	25	19.17	18.98	19.22		
10	256QAM	1	49	19.00	18.89	19.06		
10	256QAM	25	0	19.08	19.15	19.30	20.5	5
10	256QAM	25	12	19.15	19.26	19.10		
10	256QAM	25	25	19.35	19.23	19.08		
10	256QAM	50	0	19.29	19.23	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.14	24.22	24.02	25.5	0
5	QPSK	1	12	24.11	24.08	24.26		
5	QPSK	1	24	24.04	24.05	24.06		
5	QPSK	12	0	23.28	23.29	23.17	24.5	1
5	QPSK	12	7	23.23	23.19	23.30		
5	QPSK	12	13	23.15	23.18	23.08		
5	QPSK	25	0	23.24	22.95	23.02		
5	16QAM	1	0	23.37	23.31	23.08	24.5	1
5	16QAM	1	12	23.52	23.39	23.39		
5	16QAM	1	24	23.02	23.16	23.07		
5	16QAM	12	0	22.15	22.07	22.18	23.5	2
5	16QAM	12	7	22.28	22.09	22.20		
5	16QAM	12	13	22.07	22.26	22.07		
5	16QAM	25	0	22.18	22.16	22.23		
5	64QAM	1	0	22.44	22.44	22.10	23.5	2
5	64QAM	1	12	22.48	22.52	22.35		
5	64QAM	1	24	22.08	22.16	22.32		
5	64QAM	12	0	21.26	21.15	21.29	22.5	3
5	64QAM	12	7	21.15	20.97	21.15		
5	64QAM	12	13	21.01	21.22	21.11		
5	64QAM	25	0	21.18	21.12	21.10		
5	256QAM	1	0	19.22	19.23	19.00	20.5	5
5	256QAM	1	12	18.99	19.16	19.25		
5	256QAM	1	24	19.12	19.03	19.03		
5	256QAM	12	0	19.18	19.26	19.27	20.5	5
5	256QAM	12	7	19.19	19.28	19.19		
5	256QAM	12	13	19.21	19.24	19.14		
5	256QAM	25	0	19.23	19.03	19.01		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.12	24.09	25.5	0
3	QPSK	1	8	24.22	24.07	24.11		
3	QPSK	1	14	24.12	24.00	23.90		
3	QPSK	8	0	23.26	23.20	23.16	24.5	1
3	QPSK	8	4	23.26	22.99	23.06		
3	QPSK	8	7	23.03	23.21	23.15		
3	QPSK	15	0	23.34	23.23	23.10		
3	16QAM	1	0	23.24	23.32	23.29	24.5	1
3	16QAM	1	8	23.32	23.27	23.21		
3	16QAM	1	14	23.25	23.04	23.00		
3	16QAM	8	0	22.22	22.26	22.06	23.5	2
3	16QAM	8	4	22.20	22.19	22.06		
3	16QAM	8	7	22.29	22.21	22.17		
3	16QAM	15	0	22.12	22.02	22.21		
3	64QAM	1	0	22.26	22.42	22.14	23.5	2
3	64QAM	1	8	22.26	22.33	22.12		
3	64QAM	1	14	22.12	22.24	22.34		
3	64QAM	8	0	21.17	21.17	21.32	22.5	3
3	64QAM	8	4	21.28	21.21	21.12		
3	64QAM	8	7	21.21	21.02	21.25		
3	64QAM	15	0	21.27	21.00	21.15		
3	256QAM	1	0	19.08	19.20	18.99	20.5	5
3	256QAM	1	8	19.23	19.05	19.20		
3	256QAM	1	14	19.04	19.01	18.96		
3	256QAM	8	0	19.20	19.25	19.23	20.5	5
3	256QAM	8	4	19.25	18.95	19.06		
3	256QAM	8	7	19.09	19.30	19.11		
3	256QAM	15	0	19.46	19.27	19.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.89	24.07	24.10	25.5	0
1.4	QPSK	1	3	24.08	23.96	24.09		
1.4	QPSK	1	5	23.91	23.71	23.78		
1.4	QPSK	3	0	23.91	24.19	24.03		
1.4	QPSK	3	1	23.89	23.84	24.02		
1.4	QPSK	3	3	23.94	24.00	23.97		
1.4	QPSK	6	0	23.09	23.32	22.96	24.5	1
1.4	16QAM	1	0	23.12	23.05	23.17	24.5	1
1.4	16QAM	1	3	22.90	23.01	22.95		
1.4	16QAM	1	5	23.05	22.96	23.03		
1.4	16QAM	3	0	23.12	23.04	22.94		
1.4	16QAM	3	1	23.09	23.20	22.83		
1.4	16QAM	3	3	22.99	23.00	22.85		
1.4	16QAM	6	0	22.01	22.06	22.06	23.5	2
1.4	64QAM	1	0	22.13	21.99	22.11	23.5	2
1.4	64QAM	1	3	21.82	22.02	21.84		
1.4	64QAM	1	5	22.05	22.19	22.17		
1.4	64QAM	3	0	22.35	22.22	22.05		
1.4	64QAM	3	1	22.31	22.37	22.12		
1.4	64QAM	3	3	21.98	22.05	22.28		
1.4	64QAM	6	0	21.16	21.20	21.11	22.5	3
1.4	256QAM	1	0	18.86	19.12	19.04	20.5	5
1.4	256QAM	1	3	19.16	18.99	19.05		
1.4	256QAM	1	5	18.88	18.81	18.79		
1.4	256QAM	3	0	18.98	19.11	19.03		
1.4	256QAM	3	1	18.97	18.86	19.11		
1.4	256QAM	3	3	18.82	18.97	18.99		
1.4	256QAM	6	0	19.09	19.24	18.94	20.5	5

Band 4 Ant3 Default

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	24.33	24.47	24.45	25.5	0
20	QPSK	1	49	24.30	24.35	24.26		
20	QPSK	1	99	24.33	24.30	24.27		
20	QPSK	50	0	23.32	23.42	23.34	24.5	1
20	QPSK	50	24	23.32	23.27	23.41		
20	QPSK	50	50	23.18	23.24	23.37		
20	QPSK	100	0	23.31	23.34	23.33		
20	16QAM	1	0	23.74	23.82	23.53	24.5	1
20	16QAM	1	49	23.69	23.61	23.89		
20	16QAM	1	99	23.72	23.74	23.71		
20	16QAM	50	0	22.29	22.26	22.28	23.5	2
20	16QAM	50	24	22.37	22.33	22.40		
20	16QAM	50	50	22.33	22.28	22.25		
20	16QAM	100	0	22.35	22.40	22.34		
20	64QAM	1	0	22.45	22.40	22.54	23.5	2
20	64QAM	1	49	22.47	22.29	22.39		
20	64QAM	1	99	22.54	22.39	22.37		
20	64QAM	50	0	21.31	21.33	21.41	22.5	3
20	64QAM	50	24	21.38	21.41	21.47		
20	64QAM	50	50	21.27	21.25	21.42		
20	64QAM	100	0	21.31	21.25	21.33		
20	256QAM	1	0	19.21	19.60	19.43	20.5	5
20	256QAM	1	49	19.22	19.40	19.23		
20	256QAM	1	99	19.32	19.41	19.36		
20	256QAM	50	0	19.38	19.31	19.38	20.5	5
20	256QAM	50	24	19.26	19.20	19.48		
20	256QAM	50	50	19.23	19.15	19.25		
20	256QAM	100	0	19.28	19.29	19.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.39	24.19	24.40	25.5	0
15	QPSK	1	37	24.24	24.23	24.12		
15	QPSK	1	74	24.28	24.16	24.12		
15	QPSK	36	0	23.27	23.30	23.36	24.5	1
15	QPSK	36	20	23.19	23.15	23.28		
15	QPSK	36	39	23.13	23.14	23.25		
15	QPSK	75	0	23.24	23.28	23.26		
15	16QAM	1	0	23.62	23.76	23.47	24.5	1
15	16QAM	1	37	23.62	23.53	23.78		
15	16QAM	1	74	23.61	23.66	23.62		
15	16QAM	36	0	22.24	22.13	22.23	23.5	2
15	16QAM	36	20	22.24	22.29	22.32		
15	16QAM	36	39	22.23	22.18	22.14		
15	16QAM	75	0	22.26	22.25	22.25		
15	64QAM	1	0	22.32	22.25	22.42	23.5	2
15	64QAM	1	37	22.42	22.21	22.24		
15	64QAM	1	74	22.46	22.33	22.31		
15	64QAM	36	0	21.19	21.23	21.27	22.5	3
15	64QAM	36	20	21.25	21.27	21.39		
15	64QAM	36	39	21.14	21.10	21.29		
15	64QAM	75	0	21.19	21.12	21.26		
15	256QAM	1	0	19.46	19.09	19.31	20.5	5
15	256QAM	1	37	19.30	19.27	19.15		
15	256QAM	1	74	19.23	19.13	19.16		
15	256QAM	36	0	19.31	19.28	19.34	20.5	5
15	256QAM	36	20	19.20	19.18	19.22		
15	256QAM	36	39	19.12	19.13	19.33		
15	256QAM	75	0	19.24	19.27	19.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.47	24.19	24.42	25.5	0
10	QPSK	1	25	24.20	24.21	24.11		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.17	23.29	23.29	24.5	1
10	QPSK	25	12	23.27	23.18	23.25		
10	QPSK	25	25	23.05	23.12	23.29		
10	QPSK	50	0	23.26	23.26	23.25		
10	16QAM	1	0	23.61	23.72	23.46	24.5	1
10	16QAM	1	25	23.58	23.46	23.85		
10	16QAM	1	49	23.67	23.67	23.64		
10	16QAM	25	0	22.23	22.18	22.16	23.5	2
10	16QAM	25	12	22.22	22.26	22.27		
10	16QAM	25	25	22.28	22.12	22.09		
10	16QAM	50	0	22.23	22.28	22.25		
10	64QAM	1	0	22.30	22.33	22.45	23.5	2
10	64QAM	1	25	22.32	22.17	22.30		
10	64QAM	1	49	22.42	22.29	22.28		
10	64QAM	25	0	21.16	21.17	21.37	22.5	3
10	64QAM	25	12	21.32	21.34	21.34		
10	64QAM	25	25	21.22	21.14	21.27		
10	64QAM	50	0	21.26	21.16	21.18		
10	256QAM	1	0	19.45	19.20	19.35	20.5	5
10	256QAM	1	25	19.21	19.24	19.08		
10	256QAM	1	49	19.30	19.19	19.27		
10	256QAM	25	0	19.19	19.39	19.28	20.5	5
10	256QAM	25	12	19.39	19.09	19.28		
10	256QAM	25	25	19.03	19.03	19.33		
10	256QAM	50	0	19.29	19.23	19.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.45	24.18	24.37	25.5	0
5	QPSK	1	12	24.19	24.21	24.11		
5	QPSK	1	24	24.25	24.19	24.20		
5	QPSK	12	0	23.24	23.27	23.32	24.5	1
5	QPSK	12	7	23.26	23.21	23.28		
5	QPSK	12	13	23.11	23.12	23.27		
5	QPSK	25	0	23.20	23.27	23.23		
5	16QAM	1	0	23.59	23.73	23.61	24.5	1
5	16QAM	1	12	23.59	23.56	23.84		
5	16QAM	1	24	23.59	23.68	23.63		
5	16QAM	12	0	22.19	22.21	22.23	23.5	2
5	16QAM	12	7	22.27	22.21	22.26		
5	16QAM	12	13	22.20	22.14	22.15		
5	16QAM	25	0	22.23	22.34	22.20		
5	64QAM	1	0	22.32	22.27	22.45	23.5	2
5	64QAM	1	12	22.41	22.23	22.25		
5	64QAM	1	24	22.46	22.34	22.23		
5	64QAM	12	0	21.21	21.22	21.28	22.5	3
5	64QAM	12	7	21.25	21.36	21.33		
5	64QAM	12	13	21.17	21.13	21.27		
5	64QAM	25	0	21.23	21.14	21.19		
5	256QAM	1	0	19.37	19.08	19.31	20.5	5
5	256QAM	1	12	19.22	19.28	19.21		
5	256QAM	1	24	19.30	19.27	19.30		
5	256QAM	12	0	19.22	19.27	19.25	20.5	5
5	256QAM	12	7	19.27	19.26	19.35		
5	256QAM	12	13	19.07	19.01	19.35		
5	256QAM	25	0	19.28	19.35	19.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.40	24.18	24.34	25.5	0
3	QPSK	1	8	24.23	24.21	24.21		
3	QPSK	1	14	24.21	24.22	24.14		
3	QPSK	8	0	23.24	23.18	23.32	24.5	1
3	QPSK	8	4	23.17	23.18	23.30		
3	QPSK	8	7	23.10	23.15	23.32		
3	QPSK	15	0	23.18	23.19	23.27		
3	16QAM	1	0	23.67	23.68	23.49	24.5	1
3	16QAM	1	8	23.61	23.53	23.81		
3	16QAM	1	14	23.67	23.66	23.65		
3	16QAM	8	0	22.19	22.21	22.20	23.5	2
3	16QAM	8	4	22.31	22.19	22.31		
3	16QAM	8	7	22.19	22.17	22.19		
3	16QAM	15	0	22.20	22.30	22.26		
3	64QAM	1	0	22.36	22.26	22.40	23.5	2
3	64QAM	1	8	22.31	22.16	22.26		
3	64QAM	1	14	22.38	22.30	22.24		
3	64QAM	8	0	21.19	21.28	21.27	22.5	3
3	64QAM	8	4	21.34	21.34	21.41		
3	64QAM	8	7	21.20	21.16	21.36		
3	64QAM	15	0	21.22	21.19	21.21		
3	256QAM	1	0	19.43	19.16	19.40	20.5	5
3	256QAM	1	8	19.20	19.24	19.31		
3	256QAM	1	14	19.28	19.16	19.25		
3	256QAM	8	0	19.17	19.15	19.23	20.5	5
3	256QAM	8	4	19.16	19.11	19.18		
3	256QAM	8	7	19.21	19.13	19.38		
3	256QAM	15	0	19.11	19.10	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.35	24.23	24.30	25.5	0
1.4	QPSK	1	3	24.31	24.20	24.23		
1.4	QPSK	1	5	24.20	24.16	24.13		
1.4	QPSK	3	0	24.44	24.21	24.37		
1.4	QPSK	3	1	24.08	24.26	24.26		
1.4	QPSK	3	3	24.13	24.16	24.30		
1.4	QPSK	6	0	23.27	23.30	23.28	24.5	1
1.4	16QAM	1	0	23.33	23.31	23.18	24.5	1
1.4	16QAM	1	3	23.16	23.02	23.32		
1.4	16QAM	1	5	23.16	23.31	23.15		
1.4	16QAM	3	0	23.58	23.62	23.44		
1.4	16QAM	3	1	23.46	23.56	23.73		
1.4	16QAM	3	3	23.57	23.73	23.58		
1.4	16QAM	6	0	22.31	22.30	22.30	23.5	2
1.4	64QAM	1	0	22.22	22.29	22.21	23.5	2
1.4	64QAM	1	3	22.15	22.00	21.97		
1.4	64QAM	1	5	22.14	22.35	22.16		
1.4	64QAM	3	0	22.28	22.24	22.42		
1.4	64QAM	3	1	22.41	22.22	22.41		
1.4	64QAM	3	3	22.49	22.35	22.15		
1.4	64QAM	6	0	21.19	21.24	21.45	22.5	3
1.4	256QAM	1	0	19.35	19.23	19.30	20.5	5
1.4	256QAM	1	3	19.31	19.20	19.23		
1.4	256QAM	1	5	19.20	19.16	19.13		
1.4	256QAM	3	0	19.44	19.21	19.37		
1.4	256QAM	3	1	19.08	19.26	19.26		
1.4	256QAM	3	3	19.13	19.16	19.30		
1.4	256QAM	6	0	19.27	19.30	19.28	20.5	5

Band 7 Ant3 Default

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	24.18	24.35	24.30	25.5	0
20	QPSK	1	49	24.16	24.19	24.23		
20	QPSK	1	99	24.28	24.17	24.09		
20	QPSK	50	0	23.24	23.42	23.17	24.5	1
20	QPSK	50	24	23.38	23.27	23.22		
20	QPSK	50	50	23.26	23.34	23.41		
20	QPSK	100	0	23.17	23.30	23.27		
20	16QAM	1	0	23.62	23.44	23.42	24.5	1
20	16QAM	1	49	23.41	23.26	23.50		
20	16QAM	1	99	23.56	23.50	23.28		
20	16QAM	50	0	22.32	22.23	22.28	23.5	2
20	16QAM	50	24	22.42	22.33	22.22		
20	16QAM	50	50	22.39	22.36	22.45		
20	16QAM	100	0	22.29	22.24	22.33		
20	64QAM	1	0	22.49	22.51	22.41	23.5	2
20	64QAM	1	49	22.68	22.34	22.29		
20	64QAM	1	99	22.61	22.55	22.47		
20	64QAM	50	0	21.33	21.32	21.15	22.5	3
20	64QAM	50	24	21.29	21.31	21.27		
20	64QAM	50	50	21.39	21.20	21.47		
20	64QAM	100	0	21.36	21.27	21.25		
20	256QAM	1	0	19.08	19.42	19.22	20.5	5
20	256QAM	1	49	19.16	19.31	19.16		
20	256QAM	1	99	19.36	19.08	19.09		
20	256QAM	50	0	19.25	19.52	19.17	20.5	5
20	256QAM	50	24	19.47	19.35	19.21		
20	256QAM	50	50	19.15	19.36	19.39		
20	256QAM	100	0	19.26	19.41	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.13	24.07	24.20	25.5	0
15	QPSK	1	37	24.12	24.11	24.11		
15	QPSK	1	74	24.12	24.30	24.05		
15	QPSK	36	0	23.09	22.99	23.09	24.5	1
15	QPSK	36	20	23.29	23.21	23.17		
15	QPSK	36	39	23.35	23.29	23.26		
15	QPSK	75	0	23.25	23.05	23.13		
15	16QAM	1	0	23.49	23.35	23.28	24.5	1
15	16QAM	1	37	23.28	23.15	23.46		
15	16QAM	1	74	23.47	23.44	23.14		
15	16QAM	36	0	22.18	22.19	22.15	23.5	2
15	16QAM	36	20	22.37	22.21	22.07		
15	16QAM	36	39	22.31	22.28	22.30		
15	16QAM	75	0	22.15	22.12	22.19		
15	64QAM	1	0	22.39	22.42	22.36	23.5	2
15	64QAM	1	37	22.52	22.24	22.20		
15	64QAM	1	74	22.56	22.47	22.39		
15	64QAM	36	0	21.25	21.28	20.99	22.5	3
15	64QAM	36	20	21.14	21.23	21.16		
15	64QAM	36	39	21.26	21.04	21.21		
15	64QAM	75	0	21.32	21.12	21.09		
15	256QAM	1	0	19.10	19.02	19.28	20.5	5
15	256QAM	1	37	19.13	19.15	19.09		
15	256QAM	1	74	19.23	19.27	18.95		
15	256QAM	36	0	19.10	19.09	19.09	20.5	5
15	256QAM	36	20	19.30	19.12	19.18		
15	256QAM	36	39	19.38	19.23	19.20		
15	256QAM	75	0	19.20	19.07	19.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.08	24.03	24.14	25.5	0
10	QPSK	1	25	24.02	24.10	24.16		
10	QPSK	1	49	24.21	24.24	23.95		
10	QPSK	25	0	23.15	22.98	23.12	24.5	1
10	QPSK	25	12	23.27	23.12	23.11		
10	QPSK	25	25	23.29	23.24	23.33		
10	QPSK	50	0	23.25	23.02	23.20		
10	16QAM	1	0	23.48	23.38	23.27	24.5	1
10	16QAM	1	25	23.34	23.12	23.34		
10	16QAM	1	49	23.46	23.40	23.12		
10	16QAM	25	0	22.27	22.19	22.21	23.5	2
10	16QAM	25	12	22.33	22.21	22.14		
10	16QAM	25	25	22.28	22.22	22.39		
10	16QAM	50	0	22.19	22.16	22.19		
10	64QAM	1	0	22.44	22.39	22.36	23.5	2
10	64QAM	1	25	22.58	22.22	22.26		
10	64QAM	1	49	22.52	22.44	22.34		
10	64QAM	25	0	21.17	21.17	21.07	22.5	3
10	64QAM	25	12	21.24	21.17	21.19		
10	64QAM	25	25	21.31	21.15	21.41		
10	64QAM	50	0	21.26	21.23	21.14		
10	256QAM	1	0	19.14	19.01	19.03	20.5	5
10	256QAM	1	25	19.10	19.04	19.14		
10	256QAM	1	49	19.20	19.28	18.91		
10	256QAM	25	0	19.18	18.99	19.11	20.5	5
10	256QAM	25	12	19.36	19.22	19.06		
10	256QAM	25	25	19.33	19.12	19.30		
10	256QAM	50	0	19.23	19.03	19.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.06	24.10	24.23	25.5	0
5	QPSK	1	12	24.04	24.03	24.15		
5	QPSK	1	24	24.13	24.21	24.01		
5	QPSK	12	0	23.15	23.00	23.08	24.5	1
5	QPSK	12	7	23.24	23.19	23.11		
5	QPSK	12	13	23.32	23.24	23.26		
5	QPSK	25	0	23.16	23.12	23.18		
5	16QAM	1	0	23.49	23.31	23.27	24.5	1
5	16QAM	1	12	23.33	23.17	23.40		
5	16QAM	1	24	23.43	23.42	23.21		
5	16QAM	12	0	22.28	22.15	22.22	23.5	2
5	16QAM	12	7	22.30	22.20	22.10		
5	16QAM	12	13	22.34	22.27	22.36		
5	16QAM	25	0	22.16	22.13	22.27		
5	64QAM	1	0	22.35	22.39	22.28	23.5	2
5	64QAM	1	12	22.43	22.20	22.21		
5	64QAM	1	24	22.50	22.48	22.35		
5	64QAM	12	0	21.20	21.26	21.01	22.5	3
5	64QAM	12	7	21.14	21.21	21.14		
5	64QAM	12	13	21.29	21.06	21.36		
5	64QAM	25	0	21.24	21.21	21.21		
5	256QAM	1	0	19.06	19.10	19.23	20.5	5
5	256QAM	1	12	19.04	19.03	19.15		
5	256QAM	1	24	19.13	19.21	19.01		
5	256QAM	12	0	19.15	19.00	19.08	20.5	5
5	256QAM	12	7	19.24	19.19	19.11		
5	256QAM	12	13	19.32	19.24	19.26		
5	256QAM	25	0	19.16	19.12	19.18		

Band 25 Ant3 Default

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.27	24.29	24.24	25.5	0
20	QPSK	1	49	24.23	24.22	24.19		
20	QPSK	1	99	24.15	24.08	24.13		
20	QPSK	50	0	23.26	23.31	23.17	24.5	1
20	QPSK	50	24	23.26	23.20	23.16		
20	QPSK	50	50	23.25	23.23	23.19		
20	QPSK	100	0	23.27	23.29	23.14		
20	16QAM	1	0	23.43	23.34	23.29	24.5	1
20	16QAM	1	49	23.54	23.32	23.32		
20	16QAM	1	99	23.19	23.20	23.27		
20	16QAM	50	0	22.25	22.24	22.18	23.5	2
20	16QAM	50	24	22.33	22.31	22.17		
20	16QAM	50	50	22.26	22.22	22.23		
20	16QAM	100	0	22.29	22.26	22.15		
20	64QAM	1	0	22.46	22.40	22.24	23.5	2
20	64QAM	1	49	22.57	22.44	22.34		
20	64QAM	1	99	22.27	22.30	22.23		
20	64QAM	50	0	21.24	21.23	21.20	22.5	3
20	64QAM	50	24	21.33	21.31	21.17		
20	64QAM	50	50	21.27	21.23	21.21		
20	64QAM	100	0	21.30	21.25	21.15		
20	256QAM	1	0	19.11	19.31	19.05	20.5	5
20	256QAM	1	49	18.95	19.34	19.14		
20	256QAM	1	99	19.25	19.08	19.08		
20	256QAM	50	0	19.19	19.25	19.05	20.5	5
20	256QAM	50	24	19.36	19.26	19.31		
20	256QAM	50	50	19.29	19.38	19.08		
20	256QAM	100	0	19.37	19.14	19.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.10	24.19	24.07	25.5	0
15	QPSK	1	37	24.05	24.07	24.06		
15	QPSK	1	74	24.13	24.06	24.03		
15	QPSK	36	0	23.12	22.97	22.98	24.5	1
15	QPSK	36	20	23.22	23.11	23.09		
15	QPSK	36	39	23.04	23.18	23.00		
15	QPSK	75	0	23.04	23.23	22.92		
15	16QAM	1	0	23.19	23.32	23.05	24.5	1
15	16QAM	1	37	23.30	23.18	23.18		
15	16QAM	1	74	23.01	23.23	23.08		
15	16QAM	36	0	22.08	22.20	22.09	23.5	2
15	16QAM	36	20	22.24	22.26	21.93		
15	16QAM	36	39	22.07	22.16	22.24		
15	16QAM	75	0	22.28	22.20	22.03		
15	64QAM	1	0	22.28	22.20	22.15	23.5	2
15	64QAM	1	37	22.38	22.32	22.14		
15	64QAM	1	74	22.04	22.06	22.06		
15	64QAM	36	0	21.13	21.13	21.10	22.5	3
15	64QAM	36	20	21.11	21.10	20.97		
15	64QAM	36	39	21.10	21.12	21.07		
15	64QAM	75	0	21.11	21.00	21.16		
15	256QAM	1	0	19.09	19.34	19.06	20.5	5
15	256QAM	1	37	19.04	19.27	19.23		
15	256QAM	1	74	19.30	19.07	19.09		
15	256QAM	36	0	19.20	19.29	19.12	20.5	5
15	256QAM	36	20	19.31	19.34	19.25		
15	256QAM	36	39	19.39	19.32	19.04		
15	256QAM	75	0	19.34	19.15	19.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.20	24.15	24.16	25.5	0
10	QPSK	1	25	24.04	24.05	24.16		
10	QPSK	1	49	24.18	24.10	23.93		
10	QPSK	25	0	23.23	23.19	23.04	24.5	1
10	QPSK	25	12	23.26	23.10	23.17		
10	QPSK	25	25	23.12	23.21	23.06		
10	QPSK	50	0	23.22	23.21	22.96		
10	16QAM	1	0	23.26	23.25	23.18	24.5	1
10	16QAM	1	25	23.31	23.17	23.15		
10	16QAM	1	49	23.02	23.23	23.25		
10	16QAM	25	0	22.12	22.18	22.05	23.5	2
10	16QAM	25	12	22.32	22.17	22.13		
10	16QAM	25	25	22.03	22.25	22.23		
10	16QAM	50	0	22.13	22.21	21.99		
10	64QAM	1	0	22.28	22.34	22.03	23.5	2
10	64QAM	1	25	22.36	22.20	22.37		
10	64QAM	1	49	22.09	22.28	22.07		
10	64QAM	25	0	21.28	21.13	21.03	22.5	3
10	64QAM	25	12	21.15	21.21	21.15		
10	64QAM	25	25	21.23	21.00	21.25		
10	64QAM	50	0	21.18	21.02	21.11		
10	256QAM	1	0	19.15	19.36	18.97	20.5	5
10	256QAM	1	25	19.07	19.32	19.19		
10	256QAM	1	49	19.29	19.08	19.13		
10	256QAM	25	0	19.16	19.21	19.07	20.5	5
10	256QAM	25	12	19.27	19.33	19.30		
10	256QAM	25	25	19.37	19.32	19.11		
10	256QAM	50	0	19.26	19.15	19.07		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.20	24.10	24.06	25.5	0
5	QPSK	1	12	24.10	24.08	24.21		
5	QPSK	1	24	24.10	24.10	23.98		
5	QPSK	12	0	23.10	23.08	22.98	24.5	1
5	QPSK	12	7	23.14	23.10	23.14		
5	QPSK	12	13	23.29	23.11	23.14		
5	QPSK	25	0	23.09	23.23	23.01		
5	16QAM	1	0	23.33	23.24	23.20	24.5	1
5	16QAM	1	12	23.32	23.18	23.30		
5	16QAM	1	24	22.99	23.00	23.13		
5	16QAM	12	0	22.01	22.14	21.93	23.5	2
5	16QAM	12	7	22.12	22.12	22.01		
5	16QAM	12	13	22.18	22.07	22.21		
5	16QAM	25	0	22.32	22.26	21.97		
5	64QAM	1	0	22.40	22.30	22.13	23.5	2
5	64QAM	1	12	22.35	22.35	22.02		
5	64QAM	1	24	22.15	22.24	22.05		
5	64QAM	12	0	21.26	21.09	20.97	22.5	3
5	64QAM	12	7	21.11	21.32	21.22		
5	64QAM	12	13	21.03	21.10	20.97		
5	64QAM	25	0	21.28	21.18	21.12		
5	256QAM	1	0	19.15	19.31	18.98	20.5	5
5	256QAM	1	12	19.06	19.27	19.16		
5	256QAM	1	24	19.20	19.06	19.18		
5	256QAM	12	0	19.22	19.25	19.11	20.5	5
5	256QAM	12	7	19.30	19.38	19.29		
5	256QAM	12	13	19.36	19.36	19.11		
5	256QAM	25	0	19.35	19.16	19.10		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.09	24.08	24.20	25.5	0
3	QPSK	1	8	24.22	24.22	23.99		
3	QPSK	1	14	24.11	23.95	24.00		
3	QPSK	8	0	23.20	23.25	23.07	24.5	1
3	QPSK	8	4	23.06	23.16	23.02		
3	QPSK	8	7	23.29	23.03	23.14		
3	QPSK	15	0	23.24	23.19	23.15		
3	16QAM	1	0	23.26	23.03	23.26	24.5	1
3	16QAM	1	8	22.98	23.14	23.21		
3	16QAM	1	14	23.18	23.20	23.05		
3	16QAM	8	0	22.15	22.22	21.95	23.5	2
3	16QAM	8	4	22.15	22.17	22.11		
3	16QAM	8	7	22.19	22.04	22.06		
3	16QAM	15	0	22.28	22.29	22.06		
3	64QAM	1	0	22.17	22.14	22.10	23.5	2
3	64QAM	1	8	22.24	21.94	22.26		
3	64QAM	1	14	22.04	22.24	22.19		
3	64QAM	8	0	21.12	21.02	21.15	22.5	3
3	64QAM	8	4	21.32	21.09	20.99		
3	64QAM	8	7	21.05	21.11	20.98		
3	64QAM	15	0	21.21	21.29	20.98		
3	256QAM	1	0	19.09	19.27	19.03	20.5	5
3	256QAM	1	8	19.03	19.30	19.21		
3	256QAM	1	14	19.20	19.01	19.09		
3	256QAM	8	0	19.16	19.31	19.03	20.5	5
3	256QAM	8	4	19.28	19.26	19.22		
3	256QAM	8	7	19.39	19.31	19.08		
3	256QAM	15	0	19.30	19.12	19.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.10	24.10	23.88	25.5	0
1.4	QPSK	1	3	24.05	23.86	24.00		
1.4	QPSK	1	5	23.94	24.10	23.75		
1.4	QPSK	3	0	24.10	23.93	24.19		
1.4	QPSK	3	1	24.11	23.99	23.92		
1.4	QPSK	3	3	23.96	23.85	23.89		
1.4	QPSK	6	0	23.04	23.11	22.95	24.5	1
1.4	16QAM	1	0	22.98	23.05	22.86	24.5	1
1.4	16QAM	1	3	23.17	22.83	23.17		
1.4	16QAM	1	5	23.07	23.07	23.01		
1.4	16QAM	3	0	23.13	23.01	23.01		
1.4	16QAM	3	1	22.87	23.13	23.02		
1.4	16QAM	3	3	23.16	23.17	23.06		
1.4	16QAM	6	0	22.08	22.08	21.95	23.5	2
1.4	64QAM	1	0	22.02	22.17	21.97	23.5	2
1.4	64QAM	1	3	22.13	21.96	21.82		
1.4	64QAM	1	5	22.21	22.12	22.08		
1.4	64QAM	3	0	22.12	21.91	21.92		
1.4	64QAM	3	1	22.01	21.89	22.05		
1.4	64QAM	3	3	21.97	22.12	22.13		
1.4	64QAM	6	0	21.05	20.91	21.13	22.5	3
1.4	256QAM	1	0	19.10	19.26	19.06	20.5	5
1.4	256QAM	1	3	18.95	19.22	19.10		
1.4	256QAM	1	5	19.24	19.09	19.11		
1.4	256QAM	3	0	19.23	19.20	19.09		
1.4	256QAM	3	1	19.37	19.34	19.25		
1.4	256QAM	3	3	19.30	19.40	19.09		
1.4	256QAM	6	0	19.34	19.21	19.13	20.5	5

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BW [MHz]	Modulation	\	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	24.42	24.48	24.40	25.5	0
20	QPSK	1	49	24.45	24.33	24.44		
20	QPSK	1	99	24.38	24.39	24.41		
20	QPSK	50	0	23.39	23.53	23.36	24.5	1
20	QPSK	50	24	23.37	23.43	23.35		
20	QPSK	50	50	23.36	23.39	23.42		
20	QPSK	100	0	23.39	23.43	23.36		
20	16QAM	1	0	23.62	23.79	23.73	24.5	1
20	16QAM	1	49	23.52	23.49	23.77		
20	16QAM	1	99	23.64	23.55	23.41		
20	16QAM	50	0	22.41	22.40	22.40	23.5	2
20	16QAM	50	24	22.46	22.41	22.49		
20	16QAM	50	50	22.25	22.45	22.36		
20	16QAM	100	0	22.35	22.38	22.39		
20	64QAM	1	0	22.41	22.61	22.70	23.5	2
20	64QAM	1	49	22.54	22.76	22.72		
20	64QAM	1	99	22.48	22.51	22.43		
20	64QAM	50	0	21.34	21.40	21.29	22.5	3
20	64QAM	50	24	21.38	21.46	21.38		
20	64QAM	50	50	21.34	21.37	21.41		
20	64QAM	100	0	21.38	21.33	21.32		
20	256QAM	1	0	19.42	19.42	19.35	20.5	5
20	256QAM	1	49	19.37	19.38	19.46		
20	256QAM	1	99	19.31	19.44	19.48		
20	256QAM	50	0	19.47	19.50	19.29	20.5	5
20	256QAM	50	24	19.35	19.34	19.24		
20	256QAM	50	50	19.42	19.46	19.44		
20	256QAM	100	0	19.43	19.40	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.28	24.14	24.24	25.5	0
15	QPSK	1	37	24.20	24.38	24.27		
15	QPSK	1	74	24.44	24.23	24.16		
15	QPSK	36	0	23.21	23.25	23.21	24.5	1
15	QPSK	36	20	23.21	23.28	23.17		
15	QPSK	36	39	23.11	23.18	23.32		
15	QPSK	75	0	23.15	23.19	23.18		
15	16QAM	1	0	23.43	23.54	23.55	24.5	1
15	16QAM	1	37	23.31	23.29	23.59		
15	16QAM	1	74	23.40	23.41	23.21		
15	16QAM	36	0	22.21	22.26	22.15	23.5	2
15	16QAM	36	20	22.21	22.16	22.33		
15	16QAM	36	39	22.02	22.26	22.11		
15	16QAM	75	0	22.15	22.15	22.22		
15	64QAM	1	0	22.27	22.41	22.46	23.5	2
15	64QAM	1	37	22.35	22.51	22.53		
15	64QAM	1	74	22.26	22.34	22.23		
15	64QAM	36	0	21.13	21.23	21.05	22.5	3
15	64QAM	36	20	21.20	21.31	21.19		
15	64QAM	36	39	21.14	21.22	21.15		
15	64QAM	75	0	21.16	21.15	21.09		
15	256QAM	1	0	19.39	19.04	19.35	20.5	5
15	256QAM	1	37	19.20	19.34	19.38		
15	256QAM	1	74	19.33	19.14	19.20		
15	256QAM	36	0	19.29	19.19	19.27	20.5	5
15	256QAM	36	20	19.11	19.31	19.17		
15	256QAM	36	39	19.02	19.17	19.24		
15	256QAM	75	0	19.15	19.26	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.19	24.14	24.19	25.5	0
10	QPSK	1	25	24.23	24.46	24.22		
10	QPSK	1	49	24.36	24.14	24.21		
10	QPSK	25	0	23.14	23.26	23.15	24.5	1
10	QPSK	25	12	23.19	23.23	23.14		
10	QPSK	25	25	23.16	23.22	23.35		
10	QPSK	50	0	23.20	23.15	23.18		
10	16QAM	1	0	23.36	23.53	23.48	24.5	1
10	16QAM	1	25	23.27	23.26	23.61		
10	16QAM	1	49	23.44	23.40	23.22		
10	16QAM	25	0	22.26	22.25	22.15	23.5	2
10	16QAM	25	12	22.26	22.22	22.27		
10	16QAM	25	25	22.08	22.30	22.14		
10	16QAM	50	0	22.16	22.18	22.23		
10	64QAM	1	0	22.23	22.47	22.56	23.5	2
10	64QAM	1	25	22.35	22.60	22.46		
10	64QAM	1	49	22.30	22.35	22.28		
10	64QAM	25	0	21.17	21.14	21.04	22.5	3
10	64QAM	25	12	21.20	21.30	21.19		
10	64QAM	25	25	21.14	21.15	21.24		
10	64QAM	50	0	21.17	21.15	21.10		
10	256QAM	1	0	19.09	19.12	19.21	20.5	5
10	256QAM	1	25	19.12	19.39	19.33		
10	256QAM	1	49	19.26	19.18	19.23		
10	256QAM	25	0	19.16	19.25	19.09	20.5	5
10	256QAM	25	12	19.24	19.20	19.11		
10	256QAM	25	25	19.05	19.15	19.44		
10	256QAM	50	0	19.30	19.11	19.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.21	24.13	24.24	25.5	0
5	QPSK	1	12	24.27	24.38	24.27		
5	QPSK	1	24	24.38	24.21	24.15		
5	QPSK	12	0	23.14	23.20	23.21	24.5	1
5	QPSK	12	7	23.18	23.19	23.16		
5	QPSK	12	13	23.15	23.23	23.33		
5	QPSK	25	0	23.19	23.15	23.25		
5	16QAM	1	0	23.44	23.56	23.52	24.5	1
5	16QAM	1	12	23.26	23.26	23.57		
5	16QAM	1	24	23.42	23.32	23.21		
5	16QAM	12	0	22.25	22.15	22.22	23.5	2
5	16QAM	12	7	22.28	22.23	22.25		
5	16QAM	12	13	22.10	22.27	22.12		
5	16QAM	25	0	22.16	22.19	22.15		
5	64QAM	1	0	22.17	22.39	22.49	23.5	2
5	64QAM	1	12	22.35	22.53	22.49		
5	64QAM	1	24	22.22	22.27	22.23		
5	64QAM	12	0	21.19	21.22	21.13	22.5	3
5	64QAM	12	7	21.18	21.24	21.19		
5	64QAM	12	13	21.10	21.14	21.26		
5	64QAM	25	0	21.12	21.12	21.11		
5	256QAM	1	0	19.32	19.17	19.20	20.5	5
5	256QAM	1	12	19.32	19.41	19.29		
5	256QAM	1	24	19.49	19.11	19.23		
5	256QAM	12	0	19.25	19.22	19.21	20.5	5
5	256QAM	12	7	19.29	19.08	19.14		
5	256QAM	12	13	19.21	19.25	19.40		
5	256QAM	25	0	19.16	19.27	19.16		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.18	24.21	25.5	0
3	QPSK	1	8	24.21	24.44	24.21		
3	QPSK	1	14	24.32	24.19	24.19		
3	QPSK	8	0	23.14	23.21	23.12	24.5	1
3	QPSK	8	4	23.14	23.17	23.14		
3	QPSK	8	7	23.13	23.22	23.35		
3	QPSK	15	0	23.20	23.12	23.25		
3	16QAM	1	0	23.47	23.64	23.47	24.5	1
3	16QAM	1	8	23.30	23.27	23.63		
3	16QAM	1	14	23.45	23.34	23.26		
3	16QAM	8	0	22.20	22.18	22.23	23.5	2
3	16QAM	8	4	22.21	22.23	22.31		
3	16QAM	8	7	22.03	22.20	22.21		
3	16QAM	15	0	22.10	22.14	22.15		
3	64QAM	1	0	22.20	22.43	22.49	23.5	2
3	64QAM	1	8	22.28	22.59	22.51		
3	64QAM	1	14	22.32	22.36	22.23		
3	64QAM	8	0	21.12	21.21	21.06	22.5	3
3	64QAM	8	4	21.23	21.27	21.16		
3	64QAM	8	7	21.13	21.19	21.25		
3	64QAM	15	0	21.20	21.07	21.09		
3	256QAM	1	0	19.34	19.09	19.17	20.5	5
3	256QAM	1	8	19.11	19.47	19.16		
3	256QAM	1	14	19.24	19.30	19.22		
3	256QAM	8	0	19.09	19.16	19.04	20.5	5
3	256QAM	8	4	19.22	19.16	19.10		
3	256QAM	8	7	19.04	19.13	19.25		
3	256QAM	15	0	19.12	19.12	19.18		
Channel				131975	132322	132669	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.35	24.15	25.5	0
1.4	QPSK	1	3	24.04	24.34	24.11		
1.4	QPSK	1	5	24.16	24.16	24.17		
1.4	QPSK	3	0	24.02	24.21	24.04		
1.4	QPSK	3	1	24.09	24.24	24.01		
1.4	QPSK	3	3	24.08	24.08	23.98		
1.4	QPSK	6	0	22.91	22.99	23.07	24.5	1
1.4	16QAM	1	0	23.15	23.18	23.02	24.5	1
1.4	16QAM	1	3	23.08	23.10	23.16		
1.4	16QAM	1	5	23.16	23.01	23.04		
1.4	16QAM	3	0	23.28	23.40	23.33		
1.4	16QAM	3	1	23.10	23.26	23.47		
1.4	16QAM	3	3	23.33	23.33	23.08		
1.4	16QAM	6	0	22.22	22.11	21.99	23.5	2
1.4	64QAM	1	0	21.97	22.19	22.23	23.5	2
1.4	64QAM	1	3	21.98	22.22	22.26		
1.4	64QAM	1	5	21.88	22.12	22.03		
1.4	64QAM	3	0	21.99	22.38	22.24		
1.4	64QAM	3	1	22.32	22.34	22.31		
1.4	64QAM	3	3	22.09	22.38	22.00		
1.4	64QAM	6	0	21.13	21.17	20.98	22.5	3
1.4	256QAM	1	0	19.27	19.24	19.17	20.5	5
1.4	256QAM	1	3	19.13	19.27	19.13		
1.4	256QAM	1	5	19.22	19.10	19.26		
1.4	256QAM	3	0	20.10	20.22	20.02		
1.4	256QAM	3	1	20.19	20.16	19.96		
1.4	256QAM	3	3	20.16	20.01	19.86		
1.4	256QAM	6	0	18.94	19.04	18.98	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	24.32	24.13	25.5	0
20	QPSK	1	49	24.24	24.21	24.03		
20	QPSK	1	99	24.12	24.11	24.05		
20	QPSK	50	0	23.14	23.24	23.10	24.5	1
20	QPSK	50	24	23.19	23.12	23.09		
20	QPSK	50	50	23.00	23.20	23.14		
20	QPSK	100	0	23.17	23.18	23.06		
20	16QAM	1	0	23.10	23.20	23.16	24.5	1
20	16QAM	1	49	23.31	23.36	23.01		
20	16QAM	1	99	23.16	23.19	23.07		
20	16QAM	50	0	22.01	22.09	22.04	23.5	2
20	16QAM	50	24	22.18	22.17	22.15		
20	16QAM	50	50	22.26	22.25	21.96		
20	16QAM	100	0	22.18	22.10	22.07		
20	64QAM	1	0	22.04	22.16	22.35	23.5	2
20	64QAM	1	49	22.21	22.33	22.12		
20	64QAM	1	99	22.20	22.16	22.06		
20	64QAM	50	0	21.02	21.05	21.22	22.5	3
20	64QAM	50	24	21.33	21.17	21.16		
20	64QAM	50	50	21.17	21.20	21.07		
20	64QAM	100	0	21.17	21.21	21.07		
20	256QAM	1	0	19.08	19.31	19.01	20.5	5
20	256QAM	1	49	19.21	19.16	19.08		
20	256QAM	1	99	19.18	19.07	19.12		
20	256QAM	50	0	19.21	19.15	19.06	20.5	5
20	256QAM	50	24	19.22	19.09	19.10		
20	256QAM	50	50	18.92	19.17	19.21		
20	256QAM	100	0	19.12	19.20	18.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.90	23.87	23.99	25.5	0
15	QPSK	1	37	24.19	24.15	23.87		
15	QPSK	1	74	24.16	23.99	23.92		
15	QPSK	36	0	22.99	22.97	23.04	24.5	1
15	QPSK	36	20	23.05	22.96	22.95		
15	QPSK	36	39	23.09	23.12	23.00		
15	QPSK	75	0	23.15	23.02	22.97		
15	16QAM	1	0	22.96	23.14	23.10	24.5	1
15	16QAM	1	37	23.22	23.22	22.85		
15	16QAM	1	74	23.05	23.14	22.92		
15	16QAM	36	0	21.85	22.00	21.89	23.5	2
15	16QAM	36	20	22.04	22.08	22.08		
15	16QAM	36	39	22.20	22.16	21.82		
15	16QAM	75	0	22.06	21.99	21.94		
15	64QAM	1	0	21.94	22.10	22.26	23.5	2
15	64QAM	1	37	22.07	22.28	22.07		
15	64QAM	1	74	22.04	22.08	21.98		
15	64QAM	36	0	20.88	20.93	21.16	22.5	3
15	64QAM	36	20	21.23	21.09	21.00		
15	64QAM	36	39	21.08	21.08	21.01		
15	64QAM	75	0	21.11	21.14	20.93		
15	256QAM	1	0	18.95	18.98	18.87	20.5	5
15	256QAM	1	37	19.13	19.14	18.84		
15	256QAM	1	74	19.12	18.90	18.82		
15	256QAM	36	0	18.91	18.91	19.05	20.5	5
15	256QAM	36	20	19.00	19.07	18.90		
15	256QAM	36	39	19.01	19.02	18.94		
15	256QAM	75	0	19.11	18.98	18.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.99	24.00	24.01	25.5	0
10	QPSK	1	25	24.17	24.15	23.94		
10	QPSK	1	49	24.28	24.05	23.97		
10	QPSK	25	0	23.04	22.92	22.97	24.5	1
10	QPSK	25	12	23.14	22.96	23.03		
10	QPSK	25	25	23.20	23.04	23.08		
10	QPSK	50	0	23.13	23.04	22.98		
10	16QAM	1	0	22.99	23.08	23.01	24.5	1
10	16QAM	1	25	23.24	23.26	22.95		
10	16QAM	1	49	23.08	23.14	23.03		
10	16QAM	25	0	21.92	21.95	21.88	23.5	2
10	16QAM	25	12	22.04	22.09	22.07		
10	16QAM	25	25	22.14	22.19	21.82		
10	16QAM	50	0	22.06	21.98	21.91		
10	64QAM	1	0	21.93	22.08	22.23	23.5	2
10	64QAM	1	25	22.08	22.19	22.05		
10	64QAM	1	49	22.15	22.01	21.99		
10	64QAM	25	0	20.89	20.94	21.08	22.5	3
10	64QAM	25	12	21.19	21.08	21.11		
10	64QAM	25	25	21.12	21.16	20.97		
10	64QAM	50	0	21.05	21.07	20.98		
10	256QAM	1	0	19.00	19.02	18.96	20.5	5
10	256QAM	1	25	19.18	19.20	18.94		
10	256QAM	1	49	19.32	18.96	19.00		
10	256QAM	25	0	19.09	18.98	18.93	20.5	5
10	256QAM	25	12	19.11	19.06	19.02		
10	256QAM	25	25	19.09	18.94	19.17		
10	256QAM	50	0	19.25	18.93	18.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.95	23.88	23.98	25.5	0
5	QPSK	1	12	24.09	24.14	23.96		
5	QPSK	1	24	24.22	23.95	23.97		
5	QPSK	12	0	23.08	22.99	22.99	24.5	1
5	QPSK	12	7	23.05	23.05	23.02		
5	QPSK	12	13	23.17	23.07	23.03		
5	QPSK	25	0	23.11	23.13	22.93		
5	16QAM	1	0	23.00	23.15	23.03	24.5	1
5	16QAM	1	12	23.19	23.27	22.97		
5	16QAM	1	24	23.03	23.07	23.01		
5	16QAM	12	0	21.97	22.01	21.96	23.5	2
5	16QAM	12	7	22.03	22.03	22.02		
5	16QAM	12	13	22.15	22.11	21.86		
5	16QAM	25	0	22.08	21.98	22.02		
5	64QAM	1	0	21.92	22.10	22.22	23.5	2
5	64QAM	1	12	22.06	22.24	22.03		
5	64QAM	1	24	22.11	22.01	21.98		
5	64QAM	12	0	20.96	20.98	21.18	22.5	3
5	64QAM	12	7	21.27	21.07	21.01		
5	64QAM	12	13	21.04	21.08	20.92		
5	64QAM	25	0	21.12	21.13	20.95		
5	256QAM	1	0	18.96	18.82	18.90	20.5	5
5	256QAM	1	12	19.18	19.05	18.85		
5	256QAM	1	24	19.21	19.04	18.96		
5	256QAM	12	0	18.98	18.96	19.00	20.5	5
5	256QAM	12	7	19.01	19.06	19.11		
5	256QAM	12	13	19.10	19.03	19.15		
5	256QAM	25	0	19.07	19.05	19.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.35	24.17	24.37	24.16	24.15	25.5	0
20	QPSK	1	49	24.29	24.11	24.18	24.05	24.05		
20	QPSK	1	99	24.21	24.23	24.19	24.18	24.05		
20	QPSK	50	0	23.27	23.14	23.39	23.09	23.21	24.5	1
20	QPSK	50	24	23.32	23.21	23.29	23.08	23.34		
20	QPSK	50	50	23.32	23.19	23.31	23.08	23.09		
20	QPSK	100	0	23.30	23.21	23.32	23.02	23.12		
20	16QAM	1	0	23.09	23.17	23.08	23.24	23.26	24.5	1
20	16QAM	1	49	23.28	23.01	23.04	23.16	23.14		
20	16QAM	1	99	23.33	23.19	23.24	23.09	23.08		
20	16QAM	50	0	22.18	22.09	22.33	22.14	22.34	23.5	2
20	16QAM	50	24	22.33	22.24	22.39	22.15	22.17		
20	16QAM	50	50	22.28	22.22	22.26	22.04	22.13		
20	16QAM	100	0	22.26	22.30	22.38	22.07	22.00		
20	64QAM	1	0	22.37	22.10	22.17	22.11	22.21	23.5	2
20	64QAM	1	49	22.30	22.24	22.37	22.29	22.04		
20	64QAM	1	99	22.07	22.01	22.29	22.01	22.06		
20	64QAM	50	0	21.32	21.15	21.29	21.19	21.06	22.5	3
20	64QAM	50	24	21.25	21.24	21.34	21.06	21.01		
20	64QAM	50	50	21.23	21.24	21.32	21.05	21.13		
20	64QAM	100	0	21.24	21.16	21.32	21.15	21.10		
20	256QAM	1	0	19.26	19.10	19.29	19.14	19.25	20.5	5
20	256QAM	1	49	19.31	19.23	19.18	18.99	18.94		
20	256QAM	1	99	19.29	19.33	19.15	19.13	19.14		
20	256QAM	50	0	19.36	19.04	19.31	19.03	19.32	20.5	5
20	256QAM	50	24	19.30	19.10	19.23	19.04	19.31		
20	256QAM	50	50	19.36	19.11	19.38	19.09	19.13		
20	256QAM	100	0	19.20	19.24	19.25	19.03	19.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.30	24.12	24.23	24.04	24.03	25.50	0
15	QPSK	1	37	24.15	24.06	24.13	24.16	24.00		
15	QPSK	1	74	24.07	24.14	24.07	24.09	24.09		
15	QPSK	36	0	23.11	23.00	23.23	22.94	23.11	24.5	1
15	QPSK	36	20	23.28	23.16	23.21	22.97	23.24		
15	QPSK	36	39	23.24	23.10	23.20	22.99	22.96		
15	QPSK	75	0	23.23	23.10	23.14	22.91	23.04		
15	16QAM	1	0	23.03	23.07	22.92	23.17	23.13	24.5	1
15	16QAM	1	37	23.15	22.95	22.97	23.01	23.07		
15	16QAM	1	74	23.21	23.03	23.15	23.02	22.98		
15	16QAM	36	0	22.06	22.05	22.24	21.99	22.28	23.5	2
15	16QAM	36	20	22.19	22.19	22.26	22.02	22.07		
15	16QAM	36	39	22.22	22.09	22.19	21.90	22.07		
15	16QAM	75	0	22.12	22.16	22.30	22.28	22.21		
15	64QAM	1	0	22.23	22.05	22.02	21.99	22.06	23.5	2
15	64QAM	1	37	22.17	22.14	22.21	22.13	21.95		
15	64QAM	1	74	21.92	21.94	22.15	21.92	21.93		
15	64QAM	36	0	21.21	21.05	21.24	21.08	20.97	22.5	3
15	64QAM	36	20	21.12	21.11	21.26	20.95	20.93		
15	64QAM	36	39	21.08	21.16	21.24	20.97	20.98		
15	64QAM	75	0	21.10	21.08	21.24	21.09	21.00		
15	256QAM	1	0	19.22	19.09	19.19	19.01	19.02	20.5	5
15	256QAM	1	37	19.24	19.03	19.21	19.23	18.96		
15	256QAM	1	74	19.05	19.02	19.01	18.98	19.00		
15	256QAM	36	0	19.11	19.01	19.17	19.00	19.04	20.5	5
15	256QAM	36	20	19.28	19.12	19.32	19.08	19.28		
15	256QAM	36	39	19.24	19.16	19.26	19.07	19.02		
15	256QAM	75	0	19.12	19.18	19.14	18.89	18.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.23	24.12	24.32	24.12	24.07	25.50	0
10	QPSK	1	25	24.17	24.00	24.12	23.95	23.99		
10	QPSK	1	49	24.13	24.13	24.11	24.07	23.99		
10	QPSK	25	0	23.17	23.06	23.27	22.99	23.09	24.5	1
10	QPSK	25	12	23.24	23.06	23.14	22.97	23.34		
10	QPSK	25	25	23.16	23.14	23.25	22.99	23.04		
10	QPSK	50	0	23.21	23.14	23.20	22.96	23.03		
10	16QAM	1	0	22.95	23.06	22.96	23.11	23.19	24.5	1
10	16QAM	1	25	23.20	22.88	22.89	23.05	23.08		
10	16QAM	1	49	23.26	23.13	23.13	23.04	23.00		
10	16QAM	25	0	22.14	21.95	22.19	22.01	22.25	23.5	2
10	16QAM	25	12	22.18	22.17	22.24	22.09	22.03		
10	16QAM	25	25	22.24	22.12	22.17	21.90	22.02		
10	16QAM	50	0	22.15	22.17	22.34	22.01	22.17		
10	64QAM	1	0	22.21	21.95	22.07	21.97	22.08	23.5	2
10	64QAM	1	25	22.19	22.16	22.29	22.22	21.92		
10	64QAM	1	49	22.02	21.95	22.24	21.92	21.99		
10	64QAM	25	0	21.17	21.00	21.13	21.10	20.93	22.5	3
10	64QAM	25	12	21.21	21.18	21.19	20.95	20.89		
10	64QAM	25	25	21.16	21.19	21.26	20.97	20.98		
10	64QAM	50	0	21.19	21.05	21.21	21.02	20.98		
10	256QAM	1	0	19.16	19.05	19.24	19.22	19.01	20.5	5
10	256QAM	1	25	19.14	18.98	19.14	18.96	19.08		
10	256QAM	1	49	19.10	19.11	19.20	19.03	18.90		
10	256QAM	25	0	19.23	19.01	19.18	19.05	19.04	20.5	5
10	256QAM	25	12	19.26	19.15	19.05	19.07	19.22		
10	256QAM	25	25	19.14	19.12	19.26	18.89	19.11		
10	256QAM	50	0	19.10	19.12	19.19	18.94	19.07		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.22	24.08	24.33	24.02	24.04	25.50	0
5	QPSK	1	12	24.15	24.05	24.11	24.31	24.28		
5	QPSK	1	24	24.07	24.15	24.10	24.13	24.14		
5	QPSK	12	0	23.13	23.00	23.22	23.01	23.06	24.5	1
5	QPSK	12	7	23.28	23.07	23.24	23.25	23.23		
5	QPSK	12	13	23.16	23.04	23.16	23.01	22.97		
5	QPSK	25	0	23.22	23.17	23.23	22.92	22.98		
5	16QAM	1	0	23.01	23.03	23.00	23.09	23.22	24.5	1
5	16QAM	1	12	23.16	22.95	22.93	23.00	22.99		
5	16QAM	1	24	23.18	23.08	23.10	22.95	22.96		
5	16QAM	12	0	22.06	21.93	22.19	22.04	22.19	23.5	2
5	16QAM	12	7	22.20	22.19	22.25	22.04	22.05		
5	16QAM	12	13	22.22	22.08	22.19	21.91	22.06		
5	16QAM	25	0	22.21	22.16	22.31	21.92	21.94		
5	64QAM	1	0	22.27	22.03	22.11	22.00	22.10	23.5	2
5	64QAM	1	12	22.21	22.13	22.26	22.23	21.92		
5	64QAM	1	24	21.93	21.96	22.24	21.97	21.93		
5	64QAM	12	0	21.23	21.09	21.19	21.14	20.96	22.5	3
5	64QAM	12	7	21.10	21.18	21.18	20.98	20.96		
5	64QAM	12	13	21.09	21.12	21.19	20.91	21.01		
5	64QAM	25	0	21.12	21.08	21.18	21.00	21.01		
5	256QAM	1	0	19.12	18.99	19.29	19.08	19.03	20.5	5
5	256QAM	1	12	19.09	18.94	19.07	19.27	19.22		
5	256QAM	1	24	19.05	19.23	19.02	19.11	19.22		
5	256QAM	12	0	19.20	18.95	19.14	18.92	19.16	20.5	5
5	256QAM	12	7	19.16	19.07	19.24	19.31	19.19		
5	256QAM	12	13	19.11	19.07	19.22	19.02	18.97		
5	256QAM	25	0	19.16	19.07	19.17	18.87	19.00		

GSM1900 Ant4 Default

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.72	29.53	29.50	30.50	20.72	20.53	20.50	21.50
GPRS 1 Tx slot	29.48	29.77	29.86	30.50	20.48	20.77	20.86	21.50
GPRS 2 Tx slots	26.19	26.07	25.97	27.50	20.19	20.07	19.97	21.50
GPRS 3 Tx slots	24.55	24.77	24.63	25.50	20.29	20.51	20.37	21.24
GPRS 4 Tx slots	23.21	23.38	23.24	24.50	20.21	20.38	20.24	21.50
EDGE 1 Tx slot	25.18	25.59	25.25	26.50	16.18	16.59	16.25	17.50
EDGE 2 Tx slots	21.97	22.08	22.22	23.00	15.97	16.08	16.22	17.00
EDGE 3 Tx slots	20.22	20.64	20.39	21.50	15.96	16.38	16.13	17.24
EDGE 4 Tx slots	18.71	18.97	18.92	20.50	15.71	15.97	15.92	17.50

WCDMA II Ant4 Default

WCDMA IV Ant4 Default

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.87	23.92	23.64	25.00	23.85	23.97	23.95	25.00
3GPP Rel 99	RMC 12.2Kbps	23.95	24.03	23.78	25.00	23.92	24.06	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	22.90	23.31	24.00	22.96	22.72	22.93	24.00
3GPP Rel 6	HSDPA Subtest-2	23.34	22.87	23.34	24.00	22.65	22.94	22.63	24.00
3GPP Rel 6	HSDPA Subtest-3	22.81	22.42	22.81	23.50	22.43	22.37	22.21	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.38	22.78	23.50	22.21	22.46	22.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.17	22.90	23.20	24.00	22.97	22.78	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	22.76	23.18	24.00	22.60	22.90	22.62	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.27	22.66	23.50	22.37	22.29	22.15	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.28	22.73	23.50	22.33	22.47	22.25	23.50
3GPP Rel 6	HSUPA Subtest-1	23.33	22.91	22.85	24.00	22.66	22.71	22.93	24.00
3GPP Rel 6	HSUPA Subtest-2	21.30	20.90	20.88	22.00	20.71	20.66	20.58	22.00
3GPP Rel 6	HSUPA Subtest-3	22.30	21.90	21.83	23.00	21.70	22.04	21.78	23.00
3GPP Rel 6	HSUPA Subtest-4	21.31	20.91	20.84	22.00	20.64	20.57	20.59	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	22.90	22.84	24.00	22.60	22.85	22.79	24.00

Band 2 Ant4 Default								
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	24.02	24.03	23.81	25.5	0
20	QPSK	1	49	23.94	24.00	23.88		
20	QPSK	1	99	23.89	23.95	23.94		
20	QPSK	50	0	22.98	23.24	23.11	24.5	1
20	QPSK	50	24	22.99	23.09	23.08		
20	QPSK	50	50	23.03	23.11	23.18		
20	QPSK	100	0	23.02	23.05	23.03		
20	16QAM	1	0	22.99	23.13	23.08	24.5	1
20	16QAM	1	49	23.17	23.20	23.08		
20	16QAM	1	99	23.23	23.16	23.02		
20	16QAM	50	0	21.89	21.99	22.05	23.5	2
20	16QAM	50	24	22.16	22.08	22.09		
20	16QAM	50	50	22.21	22.13	22.09		
20	16QAM	100	0	21.90	21.94	21.79		
20	64QAM	1	0	22.19	22.09	22.13	23.5	2
20	64QAM	1	49	22.39	22.32	22.29		
20	64QAM	1	99	21.97	22.02	22.13		
20	64QAM	50	0	20.91	20.99	21.10	22.5	3
20	64QAM	50	24	21.00	21.05	21.19		
20	64QAM	50	50	21.21	21.06	20.94		
20	64QAM	100	0	20.94	21.04	20.92		
20	256QAM	1	0	18.95	19.12	18.84	20.5	5
20	256QAM	1	49	19.05	18.91	18.99		
20	256QAM	1	99	18.86	18.84	18.87		
20	256QAM	50	0	19.09	19.30	19.15	20.5	5
20	256QAM	50	24	18.93	19.14	19.00		
20	256QAM	50	50	19.14	19.19	19.22		
20	256QAM	100	0	18.97	19.15	19.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.83	23.81	23.83	25.5	0
15	QPSK	1	37	23.95	23.91	23.91		
15	QPSK	1	74	23.76	23.94	23.89		
15	QPSK	36	0	22.81	23.08	23.11	24.5	1
15	QPSK	36	20	22.96	22.90	23.11		
15	QPSK	36	39	22.97	23.01	23.12		
15	QPSK	75	0	22.79	22.95	22.89		
15	16QAM	1	0	22.87	23.12	23.13	24.5	1
15	16QAM	1	37	23.14	23.23	23.03		
15	16QAM	1	74	23.00	22.99	23.07		
15	16QAM	36	0	21.89	21.78	21.99	23.5	2
15	16QAM	36	20	21.96	21.96	22.00		
15	16QAM	36	39	22.08	21.97	22.04		
15	16QAM	75	0	21.77	21.91	21.63		
15	64QAM	1	0	22.23	21.94	21.91	23.5	2
15	64QAM	1	37	22.14	22.07	22.12		
15	64QAM	1	74	22.00	21.90	21.89		
15	64QAM	36	0	20.77	20.85	20.93	22.5	3
15	64QAM	36	20	20.91	20.85	21.04		
15	64QAM	36	39	21.10	21.01	20.97		
15	64QAM	75	0	20.83	20.86	20.73		
15	256QAM	1	0	18.75	18.74	18.92	20.5	5
15	256QAM	1	37	18.88	19.02	18.92		
15	256QAM	1	74	18.80	18.99	18.86		
15	256QAM	36	0	18.92	19.02	19.12	20.5	5
15	256QAM	36	20	18.88	19.00	19.00		
15	256QAM	36	39	19.02	19.11	19.20		
15	256QAM	75	0	18.70	18.84	18.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.00	23.90	23.83	25.5	0
10	QPSK	1	25	23.79	23.85	23.85		
10	QPSK	1	49	23.93	23.94	23.97		
10	QPSK	25	0	22.88	22.99	23.15	24.5	1
10	QPSK	25	12	22.96	22.95	23.01		
10	QPSK	25	25	22.89	23.01	23.20		
10	QPSK	50	0	22.80	22.96	22.85		
10	16QAM	1	0	22.88	22.93	23.05	24.5	1
10	16QAM	1	25	22.94	23.00	23.03		
10	16QAM	1	49	23.00	22.93	22.98		
10	16QAM	25	0	21.83	21.91	21.89	23.5	2
10	16QAM	25	12	21.94	21.97	21.89		
10	16QAM	25	25	22.03	22.08	21.96		
10	16QAM	50	0	21.81	21.86	21.70		
10	64QAM	1	0	22.22	22.08	22.03	23.5	2
10	64QAM	1	25	22.20	22.22	22.17		
10	64QAM	1	49	21.89	21.90	22.03		
10	64QAM	25	0	20.85	20.78	21.01	22.5	3
10	64QAM	25	12	20.94	21.05	21.03		
10	64QAM	25	25	21.06	20.97	20.99		
10	64QAM	50	0	20.92	20.82	20.95		
10	256QAM	1	0	18.99	18.84	18.86	20.5	5
10	256QAM	1	25	18.88	18.90	18.96		
10	256QAM	1	49	18.86	18.90	18.92		
10	256QAM	25	0	18.97	18.98	19.12	20.5	5
10	256QAM	25	12	19.07	18.84	19.13		
10	256QAM	25	25	18.85	18.96	19.09		
10	256QAM	50	0	18.75	18.99	18.91		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.87	23.84	23.79	25.5	0
5	QPSK	1	12	23.99	23.93	23.69		
5	QPSK	1	24	23.68	24.00	23.82		
5	QPSK	12	0	22.86	23.10	22.88	24.5	1
5	QPSK	12	7	22.99	23.02	23.13		
5	QPSK	12	13	23.01	22.99	23.18		
5	QPSK	25	0	22.97	22.85	22.84		
5	16QAM	1	0	22.78	23.10	22.97	24.5	1
5	16QAM	1	12	23.08	23.10	23.06		
5	16QAM	1	24	23.15	23.01	22.89		
5	16QAM	12	0	21.76	21.98	22.05	23.5	2
5	16QAM	12	7	21.95	22.03	22.03		
5	16QAM	12	13	22.12	22.05	21.93		
5	16QAM	25	0	21.70	21.87	21.82		
5	64QAM	1	0	22.12	21.99	22.02	23.5	2
5	64QAM	1	12	22.29	22.21	22.18		
5	64QAM	1	24	22.02	22.03	21.96		
5	64QAM	12	0	20.71	20.76	21.06	22.5	3
5	64QAM	12	7	20.90	21.03	21.09		
5	64QAM	12	13	20.97	20.95	20.84		
5	64QAM	25	0	20.79	21.02	20.85		
5	256QAM	1	0	18.96	18.73	18.83	20.5	5
5	256QAM	1	12	18.91	18.83	18.63		
5	256QAM	1	24	18.58	19.02	18.75		
5	256QAM	12	0	18.79	18.99	18.82	20.5	5
5	256QAM	12	7	18.92	18.96	19.17		
5	256QAM	12	13	18.95	18.95	19.17		
5	256QAM	25	0	18.96	18.95	18.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.94	23.81	23.69	25.5	0
3	QPSK	1	8	23.76	23.80	23.70		
3	QPSK	1	14	23.84	23.90	23.94		
3	QPSK	8	0	22.95	22.85	22.90	24.5	1
3	QPSK	8	4	22.79	22.86	22.92		
3	QPSK	8	7	22.96	23.02	23.15		
3	QPSK	15	0	22.77	22.85	23.03		
3	16QAM	1	0	23.02	22.89	22.87	24.5	1
3	16QAM	1	8	23.22	23.22	23.05		
3	16QAM	1	14	23.19	23.08	22.93		
3	16QAM	8	0	21.82	21.85	21.92	23.5	2
3	16QAM	8	4	22.03	22.06	22.10		
3	16QAM	8	7	22.13	22.08	21.90		
3	16QAM	15	0	21.86	21.79	21.83		
3	64QAM	1	0	22.05	21.93	22.16	23.5	2
3	64QAM	1	8	22.22	22.14	22.28		
3	64QAM	1	14	21.91	21.94	22.17		
3	64QAM	8	0	20.86	20.99	20.91	22.5	3
3	64QAM	8	4	20.87	21.06	21.02		
3	64QAM	8	7	21.01	20.94	20.86		
3	64QAM	15	0	20.97	21.08	20.78		
3	256QAM	1	0	19.02	18.69	18.77	20.5	5
3	256QAM	1	8	18.64	18.71	18.79		
3	256QAM	1	14	18.72	18.89	18.95		
3	256QAM	8	0	18.86	18.77	18.94	20.5	5
3	256QAM	8	4	18.84	18.85	18.85		
3	256QAM	8	7	18.87	18.92	19.04		
3	256QAM	15	0	18.73	18.92	19.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.90	23.91	25.5	0
1.4	QPSK	1	3	23.94	23.81	23.69		
1.4	QPSK	1	5	23.80	23.86	23.72		
1.4	QPSK	3	0	23.85	23.72	23.65		
1.4	QPSK	3	1	23.71	23.67	23.62		
1.4	QPSK	3	3	23.92	23.99	23.86		
1.4	QPSK	6	0	22.98	23.13	22.98	24.5	1
1.4	16QAM	1	0	22.92	23.14	23.12	24.5	1
1.4	16QAM	1	3	23.04	22.97	23.08		
1.4	16QAM	1	5	22.88	22.75	22.91		
1.4	16QAM	3	0	22.87	22.99	23.11		
1.4	16QAM	3	1	23.01	23.22	23.12		
1.4	16QAM	3	3	23.14	23.01	22.89		
1.4	16QAM	6	0	21.75	21.89	22.09	23.5	2
1.4	64QAM	1	0	22.02	22.09	21.95	23.5	2
1.4	64QAM	1	3	22.10	22.11	21.88		
1.4	64QAM	1	5	21.75	21.98	21.72		
1.4	64QAM	3	0	22.08	22.05	22.08		
1.4	64QAM	3	1	21.93	21.78	22.12		
1.4	64QAM	3	3	21.78	22.05	22.10		
1.4	64QAM	6	0	20.81	20.67	20.93	22.5	3
1.4	256QAM	1	0	18.72	19.00	18.97	20.5	5
1.4	256QAM	1	3	18.94	18.90	18.63		
1.4	256QAM	1	5	18.70	18.81	18.78		
1.4	256QAM	3	0	18.78	18.75	18.70		
1.4	256QAM	3	1	18.71	18.72	18.58		
1.4	256QAM	3	3	18.94	18.94	18.91		
1.4	256QAM	6	0	19.04	19.03	18.88	20.5	5

Band 4 Ant4 Default								
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	24.01	24.11	24.05	25.5	0
20	QPSK	1	49	24.05	24.09	24.03		
20	QPSK	1	99	23.95	23.85	23.95		
20	QPSK	50	0	22.98	23.10	23.04	24.5	1
20	QPSK	50	24	23.09	23.04	23.06		
20	QPSK	50	50	23.00	23.02	23.01		
20	QPSK	100	0	23.04	23.07	23.05		
20	16QAM	1	0	23.30	23.40	23.37	24.5	1
20	16QAM	1	49	23.65	23.62	23.49		
20	16QAM	1	99	23.31	23.31	23.34		
20	16QAM	50	0	22.02	22.08	22.10	23.5	2
20	16QAM	50	24	22.08	22.05	22.13		
20	16QAM	50	50	22.02	22.04	22.04		
20	16QAM	100	0	22.03	22.08	22.09		
20	64QAM	1	0	22.08	22.21	22.33	23.5	2
20	64QAM	1	49	22.37	22.37	22.35		
20	64QAM	1	99	22.08	22.09	22.12		
20	64QAM	50	0	21.00	21.05	21.06	22.5	3
20	64QAM	50	24	21.08	21.05	21.10		
20	64QAM	50	50	21.02	21.03	21.02		
20	64QAM	100	0	21.05	21.09	21.10		
20	256QAM	1	0	18.92	19.07	18.95	20.5	5
20	256QAM	1	49	18.96	19.00	18.96		
20	256QAM	1	99	18.88	18.86	18.86		
20	256QAM	50	0	18.94	19.21	19.12	20.5	5
20	256QAM	50	24	19.10	18.98	19.13		
20	256QAM	50	50	19.01	19.06	18.94		
20	256QAM	100	0	18.95	19.08	19.12		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.95	23.93	24.00	25.5	0
15	QPSK	1	37	23.99	24.02	23.91		
15	QPSK	1	74	23.79	23.81	23.83		
15	QPSK	36	0	22.91	22.96	22.87	24.5	1
15	QPSK	36	20	22.93	22.98	22.93		
15	QPSK	36	39	22.94	22.93	22.89		
15	QPSK	75	0	22.96	22.89	22.98		
15	16QAM	1	0	23.19	23.24	23.22	24.5	1
15	16QAM	1	37	23.48	23.56	23.33		
15	16QAM	1	74	23.24	23.19	23.27		
15	16QAM	36	0	21.92	22.01	22.01	23.5	2
15	16QAM	36	20	21.95	21.93	22.04		
15	16QAM	36	39	21.95	21.87	21.97		
15	16QAM	75	0	21.93	21.92	22.01		
15	64QAM	1	0	21.96	22.07	22.16	23.5	2
15	64QAM	1	37	22.28	22.23	22.28		
15	64QAM	1	74	21.95	21.95	22.06		
15	64QAM	36	0	20.87	20.88	20.91	22.5	3
15	64QAM	36	20	20.92	20.92	20.98		
15	64QAM	36	39	20.87	20.99	20.87		
15	64QAM	75	0	20.97	20.98	21.06		
15	256QAM	1	0	18.98	19.00	18.95	20.5	5
15	256QAM	1	37	18.97	19.04	18.87		
15	256QAM	1	74	18.78	18.87	18.82		
15	256QAM	36	0	18.98	18.90	18.98	20.5	5
15	256QAM	36	20	18.97	18.87	18.84		
15	256QAM	36	39	18.84	18.82	18.94		
15	256QAM	75	0	18.85	18.82	18.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.87	23.96	23.94	25.5	0
10	QPSK	1	25	23.99	23.99	23.93		
10	QPSK	1	49	23.90	23.79	23.87		
10	QPSK	25	0	22.91	22.88	22.88	24.5	1
10	QPSK	25	12	23.02	22.88	23.04		
10	QPSK	25	25	22.92	22.94	22.90		
10	QPSK	50	0	22.99	23.01	22.89		
10	16QAM	1	0	23.19	23.36	23.28	24.5	1
10	16QAM	1	25	23.47	23.51	23.43		
10	16QAM	1	49	23.26	23.21	23.22		
10	16QAM	25	0	21.97	21.99	22.03	23.5	2
10	16QAM	25	12	21.99	21.97	22.09		
10	16QAM	25	25	21.90	21.94	22.00		
10	16QAM	50	0	21.96	21.95	22.00		
10	64QAM	1	0	21.94	22.10	22.29	23.5	2
10	64QAM	1	25	22.28	22.29	22.19		
10	64QAM	1	49	21.94	21.93	21.97		
10	64QAM	25	0	20.87	20.95	20.90	22.5	3
10	64QAM	25	12	20.90	20.97	20.95		
10	64QAM	25	25	20.93	20.92	20.86		
10	64QAM	50	0	20.99	21.01	20.93		
10	256QAM	1	0	18.96	19.02	18.93	20.5	5
10	256QAM	1	25	19.07	19.05	18.89		
10	256QAM	1	49	18.97	18.73	18.98		
10	256QAM	25	0	18.95	18.82	18.86	20.5	5
10	256QAM	25	12	19.09	18.82	18.96		
10	256QAM	25	25	19.02	18.96	18.99		
10	256QAM	50	0	19.10	19.09	19.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.94	23.95	24.00	25.5	0
5	QPSK	1	12	24.00	23.98	23.90		
5	QPSK	1	24	23.88	23.72	23.88		
5	QPSK	12	0	22.80	22.93	22.97	24.5	1
5	QPSK	12	7	22.96	22.92	22.99		
5	QPSK	12	13	22.89	22.86	22.93		
5	QPSK	25	0	22.88	22.96	22.91		
5	16QAM	1	0	23.23	23.28	23.27	24.5	1
5	16QAM	1	12	23.52	23.45	23.37		
5	16QAM	1	24	23.15	23.26	23.25		
5	16QAM	12	0	21.92	21.90	22.02	23.5	2
5	16QAM	12	7	21.98	21.88	22.00		
5	16QAM	12	13	21.90	21.88	21.87		
5	16QAM	25	0	21.93	21.91	22.00		
5	64QAM	1	0	21.99	22.15	22.17	23.5	2
5	64QAM	1	12	22.28	22.29	22.24		
5	64QAM	1	24	21.95	21.93	22.05		
5	64QAM	12	0	20.90	20.90	20.97	22.5	3
5	64QAM	12	7	20.91	20.92	21.05		
5	64QAM	12	13	20.91	20.97	20.89		
5	64QAM	25	0	20.90	20.97	21.04		
5	256QAM	1	0	18.92	18.83	18.94	20.5	5
5	256QAM	1	12	18.92	18.94	19.02		
5	256QAM	1	24	18.91	18.63	18.99		
5	256QAM	12	0	18.89	18.88	18.96	20.5	5
5	256QAM	12	7	19.01	18.88	19.02		
5	256QAM	12	13	18.99	18.95	18.89		
5	256QAM	25	0	18.79	18.91	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.85	23.89	24.00	25.5	0
3	QPSK	1	8	23.94	24.05	23.86		
3	QPSK	1	14	23.85	23.70	23.81		
3	QPSK	8	0	22.84	23.01	22.99	24.5	1
3	QPSK	8	4	23.05	22.88	23.06		
3	QPSK	8	7	22.88	22.90	22.93		
3	QPSK	15	0	22.98	22.90	23.00		
3	16QAM	1	0	23.13	23.23	23.21	24.5	1
3	16QAM	1	8	23.39	23.46	23.31		
3	16QAM	1	14	23.15	23.21	23.21		
3	16QAM	8	0	21.85	21.91	22.00	23.5	2
3	16QAM	8	4	21.97	21.91	21.98		
3	16QAM	8	7	21.87	21.94	21.95		
3	16QAM	15	0	21.86	21.92	21.96		
3	64QAM	1	0	21.93	22.05	22.21	23.5	2
3	64QAM	1	8	22.26	22.21	22.19		
3	64QAM	1	14	21.95	21.93	21.99		
3	64QAM	8	0	20.88	20.96	20.93	22.5	3
3	64QAM	8	4	21.04	20.99	21.03		
3	64QAM	8	7	20.87	20.94	20.89		
3	64QAM	15	0	20.90	20.96	21.02		
3	256QAM	1	0	18.77	18.88	18.89	20.5	5
3	256QAM	1	8	18.82	18.94	18.84		
3	256QAM	1	14	18.83	18.66	18.80		
3	256QAM	8	0	18.88	18.94	18.97	20.5	5
3	256QAM	8	4	19.09	18.98	18.96		
3	256QAM	8	7	18.82	19.01	18.85		
3	256QAM	15	0	18.95	18.95	19.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.00	23.97	23.94	25.5	0
1.4	QPSK	1	3	23.91	23.87	23.98		
1.4	QPSK	1	5	23.77	23.64	23.85		
1.4	QPSK	3	0	23.74	23.84	24.05		
1.4	QPSK	3	1	23.88	24.10	23.87		
1.4	QPSK	3	3	23.80	23.83	23.80		
1.4	QPSK	6	0	22.76	23.07	22.99	24.5	1
1.4	16QAM	1	0	23.08	22.81	22.98	24.5	1
1.4	16QAM	1	3	22.95	23.02	23.07		
1.4	16QAM	1	5	22.90	22.83	23.13		
1.4	16QAM	3	0	23.21	23.34	23.24		
1.4	16QAM	3	1	23.39	23.46	23.30		
1.4	16QAM	3	3	23.23	23.31	23.12		
1.4	16QAM	6	0	21.97	21.88	21.90	23.5	2
1.4	64QAM	1	0	21.84	21.81	21.97	23.5	2
1.4	64QAM	1	3	21.73	22.07	21.96		
1.4	64QAM	1	5	21.91	21.98	21.83		
1.4	64QAM	3	0	21.94	21.94	22.26		
1.4	64QAM	3	1	22.33	22.27	22.12		
1.4	64QAM	3	3	22.07	21.94	22.05		
1.4	64QAM	6	0	20.99	21.04	21.01	22.5	3
1.4	256QAM	1	0	19.08	18.93	18.92	20.5	5
1.4	256QAM	1	3	18.79	18.81	19.00		
1.4	256QAM	1	5	18.82	18.75	18.93		
1.4	256QAM	3	0	18.84	18.73	19.05		
1.4	256QAM	3	1	18.97	19.02	18.94		
1.4	256QAM	3	3	18.74	18.79	18.82		
1.4	256QAM	6	0	18.83	19.17	19.00	20.5	5

Band 7 Ant4 Default								
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	24.64	24.77	24.57	25.5	0
20	QPSK	1	49	24.60	24.63	24.69		
20	QPSK	1	99	24.67	24.53	24.69		
20	QPSK	50	0	23.66	23.81	23.59	24.5	1
20	QPSK	50	24	23.73	23.70	23.68		
20	QPSK	50	50	23.72	23.75	23.56		
20	QPSK	100	0	23.69	23.70	23.66		
20	16QAM	1	0	23.51	23.87	23.81	24.5	1
20	16QAM	1	49	23.89	23.88	23.80		
20	16QAM	1	99	23.81	23.84	23.80		
20	16QAM	50	0	22.69	22.60	22.62	23.5	2
20	16QAM	50	24	22.73	22.74	22.70		
20	16QAM	50	50	22.74	22.78	22.85		
20	16QAM	100	0	22.72	22.71	22.70		
20	64QAM	1	0	22.57	22.57	22.74	23.5	2
20	64QAM	1	49	22.89	22.81	22.88		
20	64QAM	1	99	22.80	22.79	22.85		
20	64QAM	50	0	21.71	21.59	21.63	22.5	3
20	64QAM	50	24	21.74	21.73	21.69		
20	64QAM	50	50	21.74	21.76	21.86		
20	64QAM	100	0	21.70	21.71	21.68		
20	256QAM	1	0	19.58	19.71	19.65	20.5	5
20	256QAM	1	49	19.69	19.75	19.80		
20	256QAM	1	99	19.73	19.45	19.70		
20	256QAM	50	0	19.56	19.74	19.55	20.5	5
20	256QAM	50	24	19.64	19.67	19.63		
20	256QAM	50	50	19.82	19.77	19.54		
20	256QAM	100	0	19.65	19.63	19.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.38	24.45	24.43	25.5	0
15	QPSK	1	37	24.56	24.48	24.59		
15	QPSK	1	74	24.51	24.64	24.64		
15	QPSK	36	0	23.51	23.53	23.65	24.5	1
15	QPSK	36	20	23.68	23.59	23.63		
15	QPSK	36	39	23.61	23.66	23.72		
15	QPSK	75	0	23.54	23.64	23.61		
15	16QAM	1	0	23.54	23.70	23.75	24.5	1
15	16QAM	1	37	23.83	23.78	23.65		
15	16QAM	1	74	23.66	23.73	23.64		
15	16QAM	36	0	22.54	22.44	22.52	23.5	2
15	16QAM	36	20	22.61	22.58	22.54		
15	16QAM	36	39	22.60	22.66	22.81		
15	16QAM	75	0	22.67	22.63	22.55		
15	64QAM	1	0	22.48	22.50	22.65	23.5	2
15	64QAM	1	37	22.78	22.75	22.71		
15	64QAM	1	74	22.66	22.69	22.80		
15	64QAM	36	0	21.60	21.42	21.50	22.5	3
15	64QAM	36	20	21.59	21.56	21.61		
15	64QAM	36	39	21.68	21.64	21.69		
15	64QAM	75	0	21.54	21.59	21.56		
15	256QAM	1	0	19.36	19.52	19.38	20.5	5
15	256QAM	1	37	19.66	19.41	19.63		
15	256QAM	1	74	19.54	19.63	19.69		
15	256QAM	36	0	19.55	19.46	19.47	20.5	5
15	256QAM	36	20	19.75	19.63	19.57		
15	256QAM	36	39	19.73	19.58	19.70		
15	256QAM	75	0	19.56	19.59	19.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.37	24.45	24.53	25.5	0
10	QPSK	1	25	24.49	24.58	24.64		
10	QPSK	1	49	24.51	24.69	24.60		
10	QPSK	25	0	23.60	23.45	23.49	24.5	1
10	QPSK	25	12	23.59	23.59	23.52		
10	QPSK	25	25	23.65	23.69	23.64		
10	QPSK	50	0	23.59	23.60	23.50		
10	16QAM	1	0	23.42	23.76	23.68	24.5	1
10	16QAM	1	25	23.73	23.74	23.62		
10	16QAM	1	49	23.65	23.69	23.74		
10	16QAM	25	0	22.58	22.43	22.50	23.5	2
10	16QAM	25	12	22.64	22.56	22.64		
10	16QAM	25	25	22.64	22.67	22.70		
10	16QAM	50	0	22.68	22.64	22.54		
10	64QAM	1	0	22.52	22.45	22.59	23.5	2
10	64QAM	1	25	22.77	22.69	22.77		
10	64QAM	1	49	22.68	22.61	22.70		
10	64QAM	25	0	21.55	21.43	21.56	22.5	3
10	64QAM	25	12	21.58	21.59	21.64		
10	64QAM	25	25	21.68	21.67	21.77		
10	64QAM	50	0	21.56	21.60	21.56		
10	256QAM	1	0	19.35	19.46	19.49	20.5	5
10	256QAM	1	25	19.49	19.57	19.68		
10	256QAM	1	49	19.61	19.68	19.64		
10	256QAM	25	0	19.71	19.45	19.57	20.5	5
10	256QAM	25	12	19.50	19.70	19.53		
10	256QAM	25	25	19.69	19.59	19.66		
10	256QAM	50	0	19.54	19.57	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.33	24.42	24.44	25.5	0
5	QPSK	1	12	24.44	24.51	24.52		
5	QPSK	1	24	24.57	24.63	24.61		
5	QPSK	12	0	23.57	23.45	23.44	24.5	1
5	QPSK	12	7	23.56	23.56	23.62		
5	QPSK	12	13	23.65	23.61	23.72		
5	QPSK	25	0	23.63	23.53	23.48		
5	16QAM	1	0	23.35	23.69	23.67	24.5	1
5	16QAM	1	12	23.57	23.67	23.65		
5	16QAM	1	24	23.64	23.59	23.68		
5	16QAM	12	0	22.53	22.45	22.48	23.5	2
5	16QAM	12	7	22.66	22.56	22.52		
5	16QAM	12	13	22.66	22.63	22.78		
5	16QAM	25	0	22.66	22.56	22.65		
5	64QAM	1	0	22.45	22.40	22.60	23.5	2
5	64QAM	1	12	22.79	22.75	22.72		
5	64QAM	1	24	22.70	22.68	22.77		
5	64QAM	12	0	21.65	21.44	21.55	22.5	3
5	64QAM	12	7	21.68	21.64	21.56		
5	64QAM	12	13	21.68	21.58	21.75		
5	64QAM	25	0	21.64	21.56	21.54		
5	256QAM	1	0	19.25	19.38	19.55	20.5	5
5	256QAM	1	12	19.49	19.57	19.47		
5	256QAM	1	24	19.64	19.60	19.63		
5	256QAM	12	0	19.68	19.44	19.41	20.5	5
5	256QAM	12	7	19.59	19.55	19.60		
5	256QAM	12	13	19.57	19.51	19.70		
5	256QAM	25	0	19.74	19.62	19.60		

Band 25 Ant4 Default

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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.29	24.37	24.06	25.5	0
20	QPSK	1	49	24.17	24.20	24.16		
20	QPSK	1	99	24.27	24.16	24.16		
20	QPSK	50	0	23.23	23.44	23.39	24.5	1
20	QPSK	50	24	23.34	23.38	23.29		
20	QPSK	50	50	23.22	23.43	23.35		
20	QPSK	100	0	23.26	23.32	23.28		
20	16QAM	1	0	23.35	23.47	23.44	24.5	1
20	16QAM	1	49	23.48	23.58	23.41		
20	16QAM	1	99	23.47	23.53	23.19		
20	16QAM	50	0	22.26	22.15	22.30	23.5	2
20	16QAM	50	24	22.41	22.28	22.40		
20	16QAM	50	50	22.37	22.43	22.45		
20	16QAM	100	0	22.15	22.16	22.09		
20	64QAM	1	0	22.34	22.46	22.47	23.5	2
20	64QAM	1	49	22.56	22.51	22.48		
20	64QAM	1	99	22.17	22.29	22.46		
20	64QAM	50	0	21.17	21.33	21.48	22.5	3
20	64QAM	50	24	21.29	21.21	21.43		
20	64QAM	50	50	21.51	21.23	21.25		
20	64QAM	100	0	21.14	21.24	21.17		
20	256QAM	1	0	19.23	19.34	19.15	20.5	5
20	256QAM	1	49	19.39	19.19	19.17		
20	256QAM	1	99	19.23	19.10	19.09		
20	256QAM	50	0	19.34	19.66	19.41	20.5	5
20	256QAM	50	24	19.24	19.31	19.17		
20	256QAM	50	50	19.30	19.38	19.57		
20	256QAM	100	0	19.18	19.52	19.28		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.11	24.14	24.06	25.5	0
15	QPSK	1	37	24.18	24.22	24.09		
15	QPSK	1	74	24.02	24.27	24.23		
15	QPSK	36	0	23.10	23.32	23.41	24.5	1
15	QPSK	36	20	23.27	23.25	23.39		
15	QPSK	36	39	23.29	23.29	23.43		
15	QPSK	75	0	23.01	23.15	23.16		
15	16QAM	1	0	23.10	23.40	23.39	24.5	1
15	16QAM	1	37	23.35	23.47	23.35		
15	16QAM	1	74	23.20	23.22	23.35		
15	16QAM	36	0	22.21	22.06	22.29	23.5	2
15	16QAM	36	20	22.21	22.20	22.33		
15	16QAM	36	39	22.33	22.22	22.35		
15	16QAM	75	0	21.96	22.16	21.98		
15	64QAM	1	0	22.57	22.11	22.12	23.5	2
15	64QAM	1	37	22.37	22.38	22.46		
15	64QAM	1	74	22.35	22.09	22.10		
15	64QAM	36	0	21.03	21.18	21.10	22.5	3
15	64QAM	36	20	21.18	21.09	21.27		
15	64QAM	36	39	21.28	21.25	21.21		
15	64QAM	75	0	21.11	21.20	20.93		
15	256QAM	1	0	18.94	18.96	19.25	20.5	5
15	256QAM	1	37	19.20	19.37	19.08		
15	256QAM	1	74	19.15	19.21	19.17		
15	256QAM	36	0	19.20	19.33	19.37	20.5	5
15	256QAM	36	20	19.04	19.28	19.20		
15	256QAM	36	39	19.24	19.20	19.50		
15	256QAM	75	0	18.98	19.16	19.24		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.17	24.07	24.17	25.5	0
10	QPSK	1	25	24.25	24.06	24.08		
10	QPSK	1	49	24.01	24.15	24.09		
10	QPSK	25	0	22.98	23.42	23.44	24.5	1
10	QPSK	25	12	23.24	23.18	23.33		
10	QPSK	25	25	23.24	23.18	23.27		
10	QPSK	50	0	23.14	23.22	23.12		
10	16QAM	1	0	23.11	23.33	23.47	24.5	1
10	16QAM	1	25	23.40	23.54	23.36		
10	16QAM	1	49	23.31	23.15	23.24		
10	16QAM	25	0	22.10	22.13	22.29	23.5	2
10	16QAM	25	12	22.30	22.18	22.32		
10	16QAM	25	25	22.43	22.23	22.38		
10	16QAM	50	0	22.00	22.20	21.80		
10	64QAM	1	0	22.53	22.14	22.17	23.5	2
10	64QAM	1	25	22.33	22.34	22.40		
10	64QAM	1	49	22.22	22.18	22.21		
10	64QAM	25	0	21.08	21.05	21.12	22.5	3
10	64QAM	25	12	21.12	21.20	21.35		
10	64QAM	25	25	21.37	21.34	21.21		
10	64QAM	50	0	21.13	21.09	21.04		
10	256QAM	1	0	18.94	19.02	19.21	20.5	5
10	256QAM	1	25	19.19	19.33	19.13		
10	256QAM	1	49	19.09	19.15	19.13		
10	256QAM	25	0	19.11	19.21	19.36	20.5	5
10	256QAM	25	12	19.19	19.29	19.28		
10	256QAM	25	25	19.35	19.29	19.44		
10	256QAM	50	0	19.05	19.18	19.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.08	24.14	24.13	25.5	0
5	QPSK	1	12	24.11	24.18	24.08		
5	QPSK	1	24	24.09	24.24	24.22		
5	QPSK	12	0	22.97	23.28	23.45	24.5	1
5	QPSK	12	7	23.30	23.17	23.28		
5	QPSK	12	13	23.26	23.24	23.40		
5	QPSK	25	0	22.94	23.17	23.09		
5	16QAM	1	0	23.19	23.47	23.30	24.5	1
5	16QAM	1	12	23.30	23.57	23.31		
5	16QAM	1	24	23.15	23.34	23.32		
5	16QAM	12	0	22.22	21.93	22.19	23.5	2
5	16QAM	12	7	22.27	22.20	22.28		
5	16QAM	12	13	22.41	22.29	22.26		
5	16QAM	25	0	22.03	22.07	21.94		
5	64QAM	1	0	22.56	22.16	22.22	23.5	2
5	64QAM	1	12	22.30	22.24	22.34		
5	64QAM	1	24	22.28	22.16	22.18		
5	64QAM	12	0	21.10	21.09	21.21	22.5	3
5	64QAM	12	7	21.17	21.08	21.22		
5	64QAM	12	13	21.26	21.35	21.26		
5	64QAM	25	0	21.10	21.04	21.00		
5	256QAM	1	0	19.08	19.06	19.07	20.5	5
5	256QAM	1	12	19.16	19.34	19.12		
5	256QAM	1	24	19.07	19.16	19.03		
5	256QAM	12	0	19.13	19.23	19.29	20.5	5
5	256QAM	12	7	19.06	19.34	19.27		
5	256QAM	12	13	19.19	19.27	19.49		
5	256QAM	25	0	18.89	19.18	19.21		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.98	24.00	24.05	25.5	0
3	QPSK	1	8	24.17	24.06	24.17		
3	QPSK	1	14	24.09	24.24	24.08		
3	QPSK	8	0	23.03	23.41	23.33	24.5	1
3	QPSK	8	4	23.23	23.14	23.33		
3	QPSK	8	7	23.14	23.17	23.35		
3	QPSK	15	0	23.00	23.11	23.13		
3	16QAM	1	0	23.18	23.29	23.37	24.5	1
3	16QAM	1	8	23.46	23.47	23.19		
3	16QAM	1	14	23.20	23.34	23.30		
3	16QAM	8	0	22.08	22.10	22.18	23.5	2
3	16QAM	8	4	22.13	22.23	22.34		
3	16QAM	8	7	22.33	22.20	22.22		
3	16QAM	15	0	21.98	22.12	21.78		
3	64QAM	1	0	22.47	22.12	22.22	23.5	2
3	64QAM	1	8	22.35	22.23	22.37		
3	64QAM	1	14	22.32	22.23	22.24		
3	64QAM	8	0	21.11	21.19	21.25	22.5	3
3	64QAM	8	4	21.25	21.07	21.23		
3	64QAM	8	7	21.42	21.26	21.31		
3	64QAM	15	0	21.02	21.02	20.95		
3	256QAM	1	0	19.03	18.93	19.13	20.5	5
3	256QAM	1	8	19.04	19.21	19.16		
3	256QAM	1	14	19.14	19.25	19.05		
3	256QAM	8	0	19.22	19.20	19.40	20.5	5
3	256QAM	8	4	19.07	19.19	19.16		
3	256QAM	8	7	19.18	19.45	19.39		
3	256QAM	15	0	18.94	19.07	19.18		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.06	24.02	24.08	25.5	0
1.4	QPSK	1	3	24.21	24.07	24.15		
1.4	QPSK	1	5	23.93	24.29	24.18		
1.4	QPSK	3	0	23.78	24.06	24.14		
1.4	QPSK	3	1	24.00	23.92	24.08		
1.4	QPSK	3	3	23.94	24.07	24.25		
1.4	QPSK	6	0	22.97	23.12	23.04	24.5	1
1.4	16QAM	1	0	23.13	23.46	23.39	24.5	1
1.4	16QAM	1	3	23.43	23.57	23.32		
1.4	16QAM	1	5	23.17	23.21	23.27		
1.4	16QAM	3	0	22.93	22.84	23.12		
1.4	16QAM	3	1	22.91	22.92	23.02		
1.4	16QAM	3	3	23.06	22.94	23.13		
1.4	16QAM	6	0	21.92	22.18	21.90	23.5	2
1.4	64QAM	1	0	22.39	22.13	22.25	23.5	2
1.4	64QAM	1	3	22.43	22.26	22.44		
1.4	64QAM	1	5	22.24	22.05	22.07		
1.4	64QAM	3	0	21.92	21.95	21.94		
1.4	64QAM	3	1	21.96	21.86	22.11		
1.4	64QAM	3	3	22.22	22.13	22.02		
1.4	64QAM	6	0	21.00	21.12	20.89	22.5	3
1.4	256QAM	1	0	18.96	19.04	19.08	20.5	5
1.4	256QAM	1	3	19.13	19.37	19.16		
1.4	256QAM	1	5	19.03	19.25	19.11		
1.4	256QAM	3	0	19.13	19.19	19.38		
1.4	256QAM	3	1	19.16	19.18	19.30		
1.4	256QAM	3	3	19.17	19.42	19.40		
1.4	256QAM	6	0	18.95	19.15	19.18	20.5	5

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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	24.06	24.20	24.11	25.5	0
20	QPSK	1	49	24.16	24.08	24.12		
20	QPSK	1	99	23.99	24.05	24.00		
20	QPSK	50	0	23.10	23.18	23.11	24.5	1
20	QPSK	50	24	23.16	23.12	23.08		
20	QPSK	50	50	23.13	23.12	23.08		
20	QPSK	100	0	23.10	23.15	23.05		
20	16QAM	1	0	23.47	23.45	23.41	24.5	1
20	16QAM	1	49	23.72	23.67	23.67		
20	16QAM	1	99	23.45	23.35	23.33		
20	16QAM	50	0	22.09	22.17	22.12	23.5	2
20	16QAM	50	24	22.19	22.14	22.11		
20	16QAM	50	50	22.15	22.14	22.11		
20	16QAM	100	0	22.17	22.11	22.07		
20	64QAM	1	0	22.27	22.29	22.33	23.5	2
20	64QAM	1	49	22.44	22.63	22.36		
20	64QAM	1	99	22.24	22.28	22.31		
20	64QAM	50	0	21.12	21.17	21.14	22.5	3
20	64QAM	50	24	21.19	21.15	21.10		
20	64QAM	50	50	21.14	21.16	21.09		
20	64QAM	100	0	21.17	21.13	21.07		
20	256QAM	1	0	19.09	19.24	19.01	20.5	5
20	256QAM	1	49	19.12	18.98	19.05		
20	256QAM	1	99	18.97	19.02	18.93		
20	256QAM	50	0	19.17	19.20	19.03	20.5	5
20	256QAM	50	24	19.18	19.08	19.15		
20	256QAM	50	50	19.20	19.23	19.09		
20	256QAM	100	0	19.08	19.03	19.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	24.00	23.98	25.5	0
15	QPSK	1	37	24.03	24.16	24.01		
15	QPSK	1	74	23.90	23.90	23.92		
15	QPSK	36	0	22.94	23.04	23.04	24.5	1
15	QPSK	36	20	23.09	23.02	22.94		
15	QPSK	36	39	22.98	23.03	22.97		
15	QPSK	75	0	23.09	22.93	23.00		
15	16QAM	1	0	23.38	23.37	23.30	24.5	1
15	16QAM	1	37	23.63	23.57	23.50		
15	16QAM	1	74	23.33	23.31	23.25		
15	16QAM	36	0	22.04	22.03	22.02	23.5	2
15	16QAM	36	20	22.10	22.02	22.00		
15	16QAM	36	39	22.08	21.96	22.05		
15	16QAM	75	0	22.09	22.02	22.01		
15	64QAM	1	0	22.22	22.19	22.23	23.5	2
15	64QAM	1	37	22.40	22.39	22.25		
15	64QAM	1	74	22.10	22.20	22.25		
15	64QAM	36	0	20.99	21.08	21.01	22.5	3
15	64QAM	36	20	21.06	20.98	21.03		
15	64QAM	36	39	21.05	21.02	21.03		
15	64QAM	75	0	21.02	20.99	20.93		
15	256QAM	1	0	19.00	19.11	18.95	20.5	5
15	256QAM	1	37	19.05	19.09	18.96		
15	256QAM	1	74	18.92	18.81	18.92		
15	256QAM	36	0	19.02	18.93	19.07	20.5	5
15	256QAM	36	20	19.19	18.96	18.95		
15	256QAM	36	39	18.95	18.98	18.98		
15	256QAM	75	0	19.08	18.83	19.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.99	23.91	24.03	25.5	0
10	QPSK	1	25	24.10	24.06	24.03		
10	QPSK	1	49	23.89	23.87	23.91		
10	QPSK	25	0	22.96	23.05	22.97	24.5	1
10	QPSK	25	12	23.03	23.03	23.02		
10	QPSK	25	25	22.95	23.01	22.98		
10	QPSK	50	0	23.09	22.92	22.95		
10	16QAM	1	0	23.30	23.31	23.34	24.5	1
10	16QAM	1	25	23.56	23.60	23.53		
10	16QAM	1	49	23.41	23.27	23.22		
10	16QAM	25	0	22.03	22.03	21.98	23.5	2
10	16QAM	25	12	22.07	22.09	22.04		
10	16QAM	25	25	22.02	22.01	22.00		
10	16QAM	50	0	22.01	21.93	22.02		
10	64QAM	1	0	22.10	22.23	22.29	23.5	2
10	64QAM	1	25	22.32	22.50	22.24		
10	64QAM	1	49	22.09	22.19	22.26		
10	64QAM	25	0	20.98	21.03	21.01	22.5	3
10	64QAM	25	12	21.06	21.11	20.94		
10	64QAM	25	25	21.02	21.04	21.04		
10	64QAM	50	0	21.02	21.06	20.98		
10	256QAM	1	0	19.09	19.03	19.00	20.5	5
10	256QAM	1	25	19.04	19.11	19.02		
10	256QAM	1	49	18.93	18.77	18.80		
10	256QAM	25	0	19.05	19.17	18.87	20.5	5
10	256QAM	25	12	19.06	19.07	19.03		
10	256QAM	25	25	19.01	19.01	19.10		
10	256QAM	50	0	19.06	18.85	18.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.93	23.94	23.98	25.5	0
5	QPSK	1	12	24.09	24.07	24.04		
5	QPSK	1	24	23.93	24.00	23.83		
5	QPSK	12	0	22.99	22.99	23.02	24.5	1
5	QPSK	12	7	23.05	22.96	22.94		
5	QPSK	12	13	22.96	23.04	22.99		
5	QPSK	25	0	23.09	23.05	22.89		
5	16QAM	1	0	23.33	23.35	23.33	24.5	1
5	16QAM	1	12	23.59	23.63	23.60		
5	16QAM	1	24	23.29	23.26	23.26		
5	16QAM	12	0	22.05	22.03	21.97	23.5	2
5	16QAM	12	7	22.07	21.97	22.01		
5	16QAM	12	13	22.07	22.04	22.01		
5	16QAM	25	0	22.11	21.94	21.99		
5	64QAM	1	0	22.10	22.19	22.20	23.5	2
5	64QAM	1	12	22.38	22.46	22.19		
5	64QAM	1	24	22.11	22.23	22.23		
5	64QAM	12	0	21.02	21.00	21.04	22.5	3
5	64QAM	12	7	21.05	21.00	20.96		
5	64QAM	12	13	21.06	20.99	20.97		
5	64QAM	25	0	21.02	21.08	20.94		
5	256QAM	1	0	18.91	18.87	18.92	20.5	5
5	256QAM	1	12	19.19	19.01	19.07		
5	256QAM	1	24	18.94	18.92	18.93		
5	256QAM	12	0	19.02	19.05	18.91	20.5	5
5	256QAM	12	7	18.99	19.01	19.08		
5	256QAM	12	13	18.92	19.04	18.95		
5	256QAM	25	0	18.99	19.09	18.90		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.90	24.00	24.01	25.5	0
3	QPSK	1	8	24.00	24.04	24.05		
3	QPSK	1	14	23.87	23.89	23.91		
3	QPSK	8	0	23.01	23.03	23.04	24.5	1
3	QPSK	8	4	23.09	22.95	22.98		
3	QPSK	8	7	22.99	23.03	22.98		
3	QPSK	15	0	22.98	23.06	22.96		
3	16QAM	1	0	23.33	23.30	23.31	24.5	1
3	16QAM	1	8	23.45	23.56	23.52		
3	16QAM	1	14	23.40	23.23	23.23		
3	16QAM	8	0	21.98	22.07	21.96	23.5	2
3	16QAM	8	4	22.02	22.00	22.05		
3	16QAM	8	7	22.10	22.01	21.98		
3	16QAM	15	0	22.10	22.01	21.91		
3	64QAM	1	0	22.12	22.24	22.26	23.5	2
3	64QAM	1	8	22.28	22.45	22.31		
3	64QAM	1	14	22.17	22.16	22.26		
3	64QAM	8	0	21.00	21.08	21.01	22.5	3
3	64QAM	8	4	21.14	21.09	21.01		
3	64QAM	8	7	21.06	21.08	20.92		
3	64QAM	15	0	21.06	21.00	20.89		
3	256QAM	1	0	18.79	19.12	19.12	20.5	5
3	256QAM	1	8	19.10	18.99	18.95		
3	256QAM	1	14	18.91	18.80	18.94		
3	256QAM	8	0	19.12	18.95	19.12	20.5	5
3	256QAM	8	4	19.04	18.97	18.96		
3	256QAM	8	7	19.09	19.04	18.87		
3	256QAM	15	0	18.99	19.08	19.00		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.92	24.09	23.93	25.5	0
1.4	QPSK	1	3	23.98	23.95	23.91		
1.4	QPSK	1	5	23.97	23.88	23.97		
1.4	QPSK	3	0	23.98	24.12	24.00		
1.4	QPSK	3	1	23.94	23.94	24.12		
1.4	QPSK	3	3	23.73	24.01	23.98		
1.4	QPSK	6	0	23.11	23.11	23.11	24.5	1
1.4	16QAM	1	0	23.04	22.87	22.82	24.5	1
1.4	16QAM	1	3	23.02	22.94	22.84		
1.4	16QAM	1	5	23.14	22.94	22.99		
1.4	16QAM	3	0	23.46	23.40	23.32		
1.4	16QAM	3	1	23.51	23.58	23.52		
1.4	16QAM	3	3	23.29	23.23	23.35		
1.4	16QAM	6	0	21.93	21.95	21.95	23.5	2
1.4	64QAM	1	0	21.99	21.95	22.04	23.5	2
1.4	64QAM	1	3	21.93	22.19	21.89		
1.4	64QAM	1	5	22.03	21.92	21.98		
1.4	64QAM	3	0	22.17	22.26	22.06		
1.4	64QAM	3	1	22.33	22.35	22.06		
1.4	64QAM	3	3	22.23	22.24	22.26		
1.4	64QAM	6	0	21.00	21.06	21.11	22.5	3
1.4	256QAM	1	0	18.84	19.03	18.85	20.5	5
1.4	256QAM	1	3	18.89	18.94	18.94		
1.4	256QAM	1	5	19.05	18.88	18.97		
1.4	256QAM	3	0	19.01	19.08	18.97		
1.4	256QAM	3	1	18.97	18.93	19.09		
1.4	256QAM	3	3	18.73	18.93	19.02		
1.4	256QAM	6	0	19.07	19.15	19.06	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.60	24.81	24.73	25.5	0
20	QPSK	1	49	24.73	24.73	24.74		
20	QPSK	1	99	24.63	24.77	24.70		
20	QPSK	50	0	23.62	23.81	23.73	24.5	1
20	QPSK	50	24	23.75	23.76	23.75		
20	QPSK	50	50	23.74	23.72	23.71		
20	QPSK	100	0	23.66	23.73	23.72		
20	16QAM	1	0	23.76	23.75	23.72	24.5	1
20	16QAM	1	49	23.84	23.85	23.82		
20	16QAM	1	99	23.72	23.77	23.68		
20	16QAM	50	0	22.65	22.74	22.74	23.5	2
20	16QAM	50	24	22.80	22.79	22.78		
20	16QAM	50	50	22.78	22.82	22.73		
20	16QAM	100	0	22.73	22.74	22.72		
20	64QAM	1	0	22.63	22.73	22.64	23.5	2
20	64QAM	1	49	22.90	22.88	22.88		
20	64QAM	1	99	22.74	22.80	22.60		
20	64QAM	50	0	21.64	21.72	21.72	22.5	3
20	64QAM	50	24	21.79	21.78	21.76		
20	64QAM	50	50	21.77	21.82	21.71		
20	64QAM	100	0	21.74	21.72	21.71		
20	256QAM	1	0	19.69	19.82	19.72	20.5	5
20	256QAM	1	49	19.75	19.68	19.67		
20	256QAM	1	99	19.56	19.76	19.65		
20	256QAM	50	0	19.50	19.81	19.80	20.5	5
20	256QAM	50	24	19.67	19.73	19.68		
20	256QAM	50	50	19.70	19.65	19.63		
20	256QAM	100	0	19.59	19.66	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.66	24.69	25.5	0
15	QPSK	1	37	24.65	24.65	24.58		
15	QPSK	1	74	24.50	24.70	24.60		
15	QPSK	36	0	23.55	23.66	23.63	24.5	1
15	QPSK	36	20	23.70	23.66	23.69		
15	QPSK	36	39	23.62	23.75	23.62		
15	QPSK	75	0	23.60	23.67	23.65		
15	16QAM	1	0	23.59	23.65	23.55	24.5	1
15	16QAM	1	37	23.66	23.81	23.72		
15	16QAM	1	74	23.55	23.66	23.57		
15	16QAM	36	0	22.59	22.58	22.64	23.5	2
15	16QAM	36	20	22.67	22.69	22.65		
15	16QAM	36	39	22.68	22.67	22.67		
15	16QAM	75	0	22.65	22.67	22.59		
15	64QAM	1	0	22.48	22.59	22.60	23.5	2
15	64QAM	1	37	22.85	22.76	22.78		
15	64QAM	1	74	22.61	22.70	22.47		
15	64QAM	36	0	21.53	21.64	21.56	22.5	3
15	64QAM	36	20	21.74	21.67	21.62		
15	64QAM	36	39	21.72	21.66	21.58		
15	64QAM	75	0	21.62	21.59	21.59		
15	256QAM	1	0	19.52	19.68	19.79	20.5	5
15	256QAM	1	37	19.67	19.77	19.66		
15	256QAM	1	74	19.44	19.66	19.53		
15	256QAM	36	0	19.66	19.71	19.66	20.5	5
15	256QAM	36	20	19.77	19.74	19.66		
15	256QAM	36	39	19.56	19.66	19.73		
15	256QAM	75	0	19.68	19.67	19.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.56	24.69	25.5	0
10	QPSK	1	25	24.64	24.70	24.61		
10	QPSK	1	49	24.53	24.63	24.64		
10	QPSK	25	0	23.52	23.60	23.56	24.5	1
10	QPSK	25	12	23.60	23.72	23.60		
10	QPSK	25	25	23.58	23.65	23.61		
10	QPSK	50	0	23.57	23.58	23.61		
10	16QAM	1	0	23.72	23.63	23.55	24.5	1
10	16QAM	1	25	23.75	23.80	23.71		
10	16QAM	1	49	23.66	23.69	23.57		
10	16QAM	25	0	22.52	22.61	22.62	23.5	2
10	16QAM	25	12	22.68	22.61	22.73		
10	16QAM	25	25	22.68	22.68	22.57		
10	16QAM	50	0	22.57	22.58	22.61		
10	64QAM	1	0	22.58	22.57	22.55	23.5	2
10	64QAM	1	25	22.83	22.80	22.82		
10	64QAM	1	49	22.56	22.68	22.47		
10	64QAM	25	0	21.59	21.59	21.59	22.5	3
10	64QAM	25	12	21.63	21.70	21.67		
10	64QAM	25	25	21.61	21.64	21.63		
10	64QAM	50	0	21.70	21.57	21.59		
10	256QAM	1	0	19.58	19.50	19.62	20.5	5
10	256QAM	1	25	19.69	19.77	19.72		
10	256QAM	1	49	19.49	19.69	19.55		
10	256QAM	25	0	19.45	19.70	19.47	20.5	5
10	256QAM	25	12	19.62	19.71	19.59		
10	256QAM	25	25	19.47	19.64	19.66		
10	256QAM	50	0	19.49	19.70	19.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.48	24.67	24.59	25.5	0
5	QPSK	1	12	24.58	24.65	24.57		
5	QPSK	1	24	24.46	24.71	24.61		
5	QPSK	12	0	23.56	23.65	23.56	24.5	1
5	QPSK	12	7	23.58	23.69	23.63		
5	QPSK	12	13	23.66	23.63	23.66		
5	QPSK	25	0	23.60	23.59	23.55		
5	16QAM	1	0	23.71	23.65	23.58	24.5	1
5	16QAM	1	12	23.71	23.70	23.70		
5	16QAM	1	24	23.54	23.63	23.53		
5	16QAM	12	0	22.54	22.58	22.66	23.5	2
5	16QAM	12	7	22.71	22.68	22.70		
5	16QAM	12	13	22.67	22.72	22.58		
5	16QAM	25	0	22.67	22.68	22.55		
5	64QAM	1	0	22.47	22.58	22.50	23.5	2
5	64QAM	1	12	22.72	22.80	22.77		
5	64QAM	1	24	22.68	22.74	22.49		
5	64QAM	12	0	21.56	21.61	21.57	22.5	3
5	64QAM	12	7	21.64	21.67	21.70		
5	64QAM	12	13	21.68	21.72	21.66		
5	64QAM	25	0	21.62	21.60	21.59		
5	256QAM	1	0	19.51	19.66	19.70	20.5	5
5	256QAM	1	12	19.63	19.65	19.47		
5	256QAM	1	24	19.42	19.66	19.62		
5	256QAM	12	0	19.61	19.62	19.67	20.5	5
5	256QAM	12	7	19.70	19.64	19.69		
5	256QAM	12	13	19.76	19.70	19.62		
5	256QAM	25	0	19.54	19.67	19.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.77	24.69	24.84	24.47	24.47	25.5	0
20	QPSK	1	49	24.73	24.66	24.82	24.57	24.53		
20	QPSK	1	99	24.69	24.69	24.80	24.58	24.52		
20	QPSK	50	0	23.82	23.67	23.92	23.68	23.59	24.5	1
20	QPSK	50	24	23.79	23.75	23.83	23.69	23.55		
20	QPSK	50	50	23.81	23.73	23.88	23.65	23.53		
20	QPSK	100	0	23.80	23.74	23.90	23.65	23.56		
20	16QAM	1	0	23.65	23.60	23.83	23.61	23.57	24.5	1
20	16QAM	1	49	23.87	23.74	23.87	23.68	23.53		
20	16QAM	1	99	23.63	23.72	23.79	23.58	23.49		
20	16QAM	50	0	22.81	22.70	22.83	22.72	22.57	23.5	2
20	16QAM	50	24	22.84	22.75	22.95	22.69	22.56		
20	16QAM	50	50	22.80	22.73	22.89	22.65	22.59		
20	16QAM	100	0	22.82	22.75	22.88	22.68	22.58		
20	64QAM	1	0	22.74	22.57	22.75	22.63	22.54	23.5	2
20	64QAM	1	49	22.60	22.73	22.89	22.68	22.53		
20	64QAM	1	99	22.74	22.59	22.77	22.60	22.55		
20	64QAM	50	0	21.81	21.69	21.82	21.71	21.62	22.5	3
20	64QAM	50	24	21.83	21.76	21.91	21.68	21.59		
20	64QAM	50	50	21.79	21.72	21.89	21.65	21.61		
20	64QAM	100	0	21.81	21.74	21.89	21.69	21.58		
20	256QAM	1	0	19.77	19.66	19.79	19.56	19.52	20.5	5
20	256QAM	1	49	19.73	19.61	19.86	19.52	19.48		
20	256QAM	1	99	19.73	19.72	19.83	19.63	19.60		
20	256QAM	50	0	19.71	19.69	19.89	19.63	19.59	20.5	5
20	256QAM	50	24	19.76	19.68	19.90	19.68	19.65		
20	256QAM	50	50	19.91	19.72	19.77	19.57	19.54		
20	256QAM	100	0	19.78	19.63	19.91	19.54	19.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.53	24.73	24.58	24.42	25.5	0
15	QPSK	1	37	24.65	24.55	24.78	24.45	24.48		
15	QPSK	1	74	24.63	24.52	24.75	24.47	24.45		
15	QPSK	36	0	23.76	23.62	23.72	23.57	23.49	24.5	1
15	QPSK	36	20	23.71	23.63	23.75	23.57	23.46		
15	QPSK	36	39	23.69	23.61	23.79	23.55	23.47		
15	QPSK	75	0	23.67	23.67	23.75	23.58	23.40		
15	16QAM	1	0	23.54	23.52	23.71	23.53	23.42	24.5	1
15	16QAM	1	37	23.72	23.60	23.76	23.64	23.48		
15	16QAM	1	74	23.46	23.65	23.67	23.50	23.45		
15	16QAM	36	0	22.77	22.60	22.66	22.58	22.44	23.5	2
15	16QAM	36	20	22.73	22.71	22.78	22.55	22.48		
15	16QAM	36	39	22.67	22.64	22.71	22.48	22.47		
15	16QAM	75	0	22.66	22.66	22.77	22.59	22.51		
15	64QAM	1	0	22.58	22.44	22.62	22.49	22.46	23.5	2
15	64QAM	1	37	22.47	22.62	22.73	22.55	22.38		
15	64QAM	1	74	22.57	22.42	22.65	22.46	22.43		
15	64QAM	36	0	21.76	21.52	21.67	21.61	21.49	22.5	3
15	64QAM	36	20	21.69	21.64	21.76	21.58	21.44		
15	64QAM	36	39	21.73	21.56	21.79	21.50	21.45		
15	64QAM	75	0	21.77	21.56	21.81	21.52	21.50		
15	256QAM	1	0	19.72	19.50	19.69	19.58	19.46	20.5	5
15	256QAM	1	37	19.71	19.52	19.67	19.47	19.49		
15	256QAM	1	74	19.63	19.52	19.73	19.51	19.44		
15	256QAM	36	0	19.80	19.66	19.75	19.57	19.48	20.5	5
15	256QAM	36	20	19.74	19.65	19.73	19.58	19.44		
15	256QAM	36	39	19.71	19.65	19.74	19.54	19.43		
15	256QAM	75	0	19.69	19.73	19.75	19.62	19.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.68	24.55	24.67	24.44	24.43	25.5	0
10	QPSK	1	25	24.67	24.53	24.71	24.50	24.48		
10	QPSK	1	49	24.63	24.56	24.81	24.45	24.48		
10	QPSK	25	0	23.77	23.60	23.66	23.51	23.51	24.5	1
10	QPSK	25	12	23.74	23.68	23.82	23.54	23.49		
10	QPSK	25	25	23.76	23.63	23.75	23.50	23.47		
10	QPSK	50	0	23.71	23.59	23.81	23.56	23.49		
10	16QAM	1	0	23.58	23.56	23.77	23.54	23.53	24.5	1
10	16QAM	1	25	23.82	23.65	23.74	23.59	23.46		
10	16QAM	1	49	23.47	23.65	23.69	23.52	23.48		
10	16QAM	25	0	22.74	22.61	22.77	22.58	22.50	23.5	2
10	16QAM	25	12	22.70	22.64	22.77	22.55	22.51		
10	16QAM	25	25	22.75	22.69	22.72	22.54	22.44		
10	16QAM	50	0	22.77	22.66	22.77	22.52	22.42		
10	64QAM	1	0	22.64	22.40	22.64	22.54	22.47	23.5	2
10	64QAM	1	25	22.43	22.65	22.69	22.54	22.48		
10	64QAM	1	49	22.64	22.54	22.68	22.52	22.38		
10	64QAM	25	0	21.75	21.54	21.77	21.56	21.46	22.5	3
10	64QAM	25	12	21.77	21.71	21.77	21.62	21.45		
10	64QAM	25	25	21.64	21.68	21.84	21.51	21.48		
10	64QAM	50	0	21.75	21.64	21.82	21.63	21.52		
10	256QAM	1	0	19.69	19.55	19.70	19.42	19.42	20.5	5
10	256QAM	1	25	19.72	19.51	19.75	19.54	19.45		
10	256QAM	1	49	19.68	19.58	19.78	19.51	19.49		
10	256QAM	25	0	19.73	19.61	19.67	19.47	19.47	20.5	5
10	256QAM	25	12	19.76	19.66	19.79	19.57	19.45		
10	256QAM	25	25	19.74	19.67	19.77	19.53	19.42		
10	256QAM	50	0	19.71	19.63	19.78	19.51	19.53		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.76	24.59	24.66	24.46	24.41	25.5	0
5	QPSK	1	12	24.63	24.56	24.75	24.43	24.48		
5	QPSK	1	24	24.61	24.59	24.78	24.54	24.46		
5	QPSK	12	0	23.65	23.57	23.74	23.63	23.50	24.5	1
5	QPSK	12	7	23.75	23.59	23.78	23.52	23.49		
5	QPSK	12	13	23.76	23.66	23.71	23.49	23.45		
5	QPSK	25	0	23.68	23.61	23.78	23.48	23.51		
5	16QAM	1	0	23.59	23.53	23.76	23.55	23.49	24.5	1
5	16QAM	1	12	23.71	23.59	23.76	23.60	23.44		
5	16QAM	1	24	23.55	23.60	23.64	23.46	23.38		
5	16QAM	12	0	22.71	22.63	22.78	22.59	22.51	23.5	2
5	16QAM	12	7	22.79	22.61	22.82	22.53	22.49		
5	16QAM	12	13	22.66	22.66	22.84	22.53	22.54		
5	16QAM	25	0	22.69	22.63	22.76	22.51	22.52		
5	64QAM	1	0	22.67	22.44	22.70	22.54	22.47	23.5	2
5	64QAM	1	12	22.45	22.60	22.71	22.58	22.36		
5	64QAM	1	24	22.67	22.47	22.60	22.45	22.40		
5	64QAM	12	0	21.71	21.55	21.67	21.59	21.47	22.5	3
5	64QAM	12	7	21.72	21.65	21.79	21.59	21.53		
5	64QAM	12	13	21.71	21.61	21.75	21.47	21.49		
5	64QAM	25	0	21.67	21.69	21.75	21.56	21.47		
5	256QAM	1	0	19.73	19.62	19.62	19.40	19.44	20.5	5
5	256QAM	1	12	19.67	19.60	19.79	19.43	19.45		
5	256QAM	1	24	19.59	19.64	19.75	19.59	19.51		
5	256QAM	12	0	19.61	19.59	19.71	19.67	19.53	20.5	5
5	256QAM	12	7	19.69	19.55	19.79	19.49	19.47		
5	256QAM	12	13	19.71	19.63	19.67	19.53	19.42		
5	256QAM	25	0	19.62	19.59	19.79	19.52	19.56		

Band 4 Ant5 Default

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	22.92	23.01	22.87	24.5	0
20	QPSK	1	49	22.90	22.86	22.86		
20	QPSK	1	99	22.81	22.81	22.79		
20	QPSK	50	0	21.90	21.98	21.90	23.5	1
20	QPSK	50	24	21.90	21.86	21.92		
20	QPSK	50	50	21.86	21.87	21.83		
20	QPSK	100	0	21.85	21.92	21.88		
20	16QAM	1	0	22.22	22.24	22.21	23.5	1
20	16QAM	1	49	22.33	22.37	22.28		
20	16QAM	1	99	22.06	22.19	22.14		
20	16QAM	50	0	20.92	20.92	20.89	22.5	2
20	16QAM	50	24	20.98	20.88	20.96		
20	16QAM	50	50	20.91	20.89	20.81		
20	16QAM	100	0	20.95	20.94	20.91		
20	64QAM	1	0	20.97	21.08	21.08	22.5	2
20	64QAM	1	49	21.07	21.13	21.21		
20	64QAM	1	99	20.92	20.88	20.83		
20	64QAM	50	0	19.94	19.92	19.89	21.5	3
20	64QAM	50	24	19.97	19.89	19.93		
20	64QAM	50	50	19.92	19.89	19.85		
20	64QAM	100	0	19.95	19.94	19.91		
20	256QAM	1	0	17.86	18.08	17.89	19.5	5
20	256QAM	1	49	17.89	17.81	17.89		
20	256QAM	1	99	17.83	17.79	17.80		
20	256QAM	50	0	17.90	18.00	17.92	19.5	5
20	256QAM	50	24	17.90	17.86	17.92		
20	256QAM	50	50	17.90	17.88	17.83		
20	256QAM	100	0	17.90	17.92	17.92		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.86	22.97	22.89	24.5	0
15	QPSK	1	37	22.72	22.85	22.71		
15	QPSK	1	74	22.65	22.68	22.61		
15	QPSK	36	0	21.74	21.84	21.78	23.5	1
15	QPSK	36	20	21.94	21.73	21.82		
15	QPSK	36	39	21.72	21.79	21.66		
15	QPSK	75	0	21.80	21.79	21.82		
15	16QAM	1	0	22.11	22.10	22.17	23.5	1
15	16QAM	1	37	22.22	22.21	22.23		
15	16QAM	1	74	21.92	22.02	21.84		
15	16QAM	36	0	20.82	20.86	20.82	22.5	2
15	16QAM	36	20	20.88	20.81	20.82		
15	16QAM	36	39	20.85	20.79	20.70		
15	16QAM	75	0	20.77	20.76	20.78		
15	64QAM	1	0	20.87	21.02	20.99	22.5	2
15	64QAM	1	37	20.95	21.02	21.12		
15	64QAM	1	74	20.75	20.88	20.76		
15	64QAM	36	0	19.82	19.80	19.79	21.5	3
15	64QAM	36	20	19.81	19.72	19.86		
15	64QAM	36	39	19.78	19.78	19.78		
15	64QAM	75	0	19.87	19.81	19.78		
15	256QAM	1	0	17.80	17.94	17.88	19.5	5
15	256QAM	1	37	17.76	17.90	17.74		
15	256QAM	1	74	17.66	17.69	17.65		
15	256QAM	36	0	17.79	17.88	17.79	19.5	5
15	256QAM	36	20	17.96	17.72	17.86		
15	256QAM	36	39	17.66	17.79	17.65		
15	256QAM	75	0	17.82	17.77	17.77		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.82	22.89	22.80	24.5	0
10	QPSK	1	25	22.78	22.81	22.70		
10	QPSK	1	49	22.66	22.71	22.61		
10	QPSK	25	0	21.76	21.75	21.81	23.5	1
10	QPSK	25	12	21.91	21.80	21.88		
10	QPSK	25	25	21.73	21.83	21.73		
10	QPSK	50	0	21.85	21.76	21.72		
10	16QAM	1	0	22.06	22.14	22.12	23.5	1
10	16QAM	1	25	22.17	22.12	22.14		
10	16QAM	1	49	21.98	22.12	21.88		
10	16QAM	25	0	20.83	20.76	20.76	22.5	2
10	16QAM	25	12	20.81	20.73	20.81		
10	16QAM	25	25	20.73	20.80	20.71		
10	16QAM	50	0	20.77	20.88	20.74		
10	64QAM	1	0	20.83	20.96	21.01	22.5	2
10	64QAM	1	25	20.93	21.03	21.05		
10	64QAM	1	49	20.87	20.80	20.75		
10	64QAM	25	0	19.80	19.80	19.72	21.5	3
10	64QAM	25	12	19.92	19.83	19.86		
10	64QAM	25	25	19.81	19.82	19.75		
10	64QAM	50	0	19.87	19.86	19.81		
10	256QAM	1	0	17.87	17.94	17.73	19.5	5
10	256QAM	1	25	17.72	17.74	17.77		
10	256QAM	1	49	17.68	17.61	17.59		
10	256QAM	25	0	17.78	17.75	17.85	19.5	5
10	256QAM	25	12	17.99	17.88	17.91		
10	256QAM	25	25	17.73	17.92	17.64		
10	256QAM	50	0	17.78	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.85	22.91	22.86	24.5	0
5	QPSK	1	12	22.82	22.84	22.77		
5	QPSK	1	24	22.66	22.69	22.60		
5	QPSK	12	0	21.77	21.80	21.77	23.5	1
5	QPSK	12	7	21.93	21.70	21.86		
5	QPSK	12	13	21.68	21.78	21.70		
5	QPSK	25	0	21.86	21.75	21.79		
5	16QAM	1	0	22.08	22.20	22.15	23.5	1
5	16QAM	1	12	22.28	22.25	22.24		
5	16QAM	1	24	21.93	22.10	21.87		
5	16QAM	12	0	20.74	20.77	20.82	22.5	2
5	16QAM	12	7	20.83	20.81	20.90		
5	16QAM	12	13	20.83	20.78	20.70		
5	16QAM	25	0	20.81	20.83	20.75		
5	64QAM	1	0	20.82	21.00	20.95	22.5	2
5	64QAM	1	12	21.00	20.97	21.15		
5	64QAM	1	24	20.88	20.76	20.73		
5	64QAM	12	0	19.85	19.76	19.73	21.5	3
5	64QAM	12	7	19.85	19.82	19.86		
5	64QAM	12	13	19.82	19.76	19.69		
5	64QAM	25	0	19.91	19.88	19.82		
5	256QAM	1	0	17.79	17.89	17.90	19.5	5
5	256QAM	1	12	17.75	17.77	17.71		
5	256QAM	1	24	17.63	17.62	17.69		
5	256QAM	12	0	17.78	17.89	17.65	19.5	5
5	256QAM	12	7	17.85	17.69	17.89		
5	256QAM	12	13	17.75	17.86	17.73		
5	256QAM	25	0	17.79	17.65	17.86		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.80	22.90	22.83	24.5	0
3	QPSK	1	8	22.76	22.90	22.70		
3	QPSK	1	14	22.64	22.64	22.52		
3	QPSK	8	0	21.81	21.75	21.85	23.5	1
3	QPSK	8	4	21.94	21.71	21.87		
3	QPSK	8	7	21.73	21.70	21.66		
3	QPSK	15	0	21.78	21.83	21.83		
3	16QAM	1	0	22.09	22.08	22.04	23.5	1
3	16QAM	1	8	22.21	22.22	22.20		
3	16QAM	1	14	21.89	22.13	21.81		
3	16QAM	8	0	20.75	20.74	20.82	22.5	2
3	16QAM	8	4	20.92	20.70	20.90		
3	16QAM	8	7	20.79	20.78	20.69		
3	16QAM	15	0	20.87	20.76	20.85		
3	64QAM	1	0	20.92	21.02	20.93	22.5	2
3	64QAM	1	8	20.94	20.99	21.15		
3	64QAM	1	14	20.80	20.83	20.71		
3	64QAM	8	0	19.89	19.75	19.78	21.5	3
3	64QAM	8	4	19.92	19.83	19.86		
3	64QAM	8	7	19.76	19.76	19.71		
3	64QAM	15	0	19.82	19.82	19.76		
3	256QAM	1	0	17.74	17.81	17.87	19.5	5
3	256QAM	1	8	17.67	17.97	17.75		
3	256QAM	1	14	17.68	17.74	17.59		
3	256QAM	8	0	17.87	17.69	17.84	19.5	5
3	256QAM	8	4	18.00	17.68	17.89		
3	256QAM	8	7	17.69	17.70	17.61		
3	256QAM	15	0	17.71	17.74	17.84		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.74	22.95	22.81	24.5	0
1.4	QPSK	1	3	22.86	22.74	22.67		
1.4	QPSK	1	5	22.79	22.61	22.74		
1.4	QPSK	3	0	22.89	22.87	22.89		
1.4	QPSK	3	1	22.89	22.88	22.80		
1.4	QPSK	3	3	22.61	22.75	22.55		
1.4	QPSK	6	0	21.89	21.80	21.85	23.5	1
1.4	16QAM	1	0	21.81	21.81	21.80	23.5	1
1.4	16QAM	1	3	21.56	21.75	21.80		
1.4	16QAM	1	5	21.88	21.66	21.77		
1.4	16QAM	3	0	22.06	22.19	22.24		
1.4	16QAM	3	1	22.14	22.13	22.25		
1.4	16QAM	3	3	22.04	21.98	21.93		
1.4	16QAM	6	0	20.60	20.64	20.71	22.5	2
1.4	64QAM	1	0	20.86	20.95	20.99	22.5	2
1.4	64QAM	1	3	20.91	20.80	20.68		
1.4	64QAM	1	5	20.96	20.87	20.86		
1.4	64QAM	3	0	20.76	21.10	21.07		
1.4	64QAM	3	1	21.01	20.93	21.13		
1.4	64QAM	3	3	20.79	20.82	20.79		
1.4	64QAM	6	0	19.78	19.69	19.66	21.5	3
1.4	256QAM	1	0	17.63	17.85	17.77	19.5	5
1.4	256QAM	1	3	17.78	17.66	17.77		
1.4	256QAM	1	5	17.87	17.61	17.82		
1.4	256QAM	3	0	17.84	17.81	17.77		
1.4	256QAM	3	1	18.00	17.98	17.79		
1.4	256QAM	3	3	17.62	17.66	17.67		
1.4	256QAM	6	0	17.91	17.69	17.83	19.5	5

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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	24.06	24.38	24.24	25.5	0
20	QPSK	1	49	24.26	24.27	24.25		
20	QPSK	1	99	24.26	24.25	24.07		
20	QPSK	50	0	23.46	23.56	23.37	24.5	1
20	QPSK	50	24	23.52	23.47	23.44		
20	QPSK	50	50	23.53	23.51	23.38		
20	QPSK	100	0	23.46	23.49	23.41		
20	16QAM	1	0	23.32	23.55	23.50	24.5	1
20	16QAM	1	49	23.36	23.47	23.47		
20	16QAM	1	99	23.47	23.46	23.24		
20	16QAM	50	0	22.48	22.35	22.35	23.5	2
20	16QAM	50	24	22.52	22.49	22.43		
20	16QAM	50	50	22.59	22.51	22.55		
20	16QAM	100	0	22.51	22.47	22.43		
20	64QAM	1	0	22.11	22.45	22.41	23.5	2
20	64QAM	1	49	22.45	22.46	22.35		
20		1	99	22.40	22.43	22.20		
20	64QAM	50	0	21.47	21.33	21.39	22.5	3
20	64QAM	50	24	21.55	21.49	21.44		
20	64QAM	50	50	21.54	21.52	21.55		
20	64QAM	100	0	21.52	21.46	21.42		
20	256QAM	1	0	19.16	19.26	19.15	20.5	5
20	256QAM	1	49	19.27	19.19	19.20		
20	256QAM	1	99	19.37	19.32	19.17		
20	256QAM	50	0	19.40	19.58	19.47	20.5	5
20	256QAM	50	24	19.54	19.41	19.49		
20	256QAM	50	50	19.52	19.45	19.40		
20	256QAM	100	0	19.45	19.54	19.40		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.92	24.20	24.10	25.5	0
15	QPSK	1	37	24.13	24.12	24.17		
15	QPSK	1	74	24.10	24.08	23.97		
15	QPSK	36	0	23.42	23.15	23.19	24.5	1
15	QPSK	36	20	23.37	23.33	23.27		
15	QPSK	36	39	23.42	23.36	23.46		
15	QPSK	75	0	23.45	23.33	23.29		
15	16QAM	1	0	23.17	23.43	23.46	24.5	1
15	16QAM	1	37	23.28	23.38	23.29		
15	16QAM	1	74	23.39	23.35	23.20		
15	16QAM	36	0	22.34	22.30	22.26	23.5	2
15	16QAM	36	20	22.48	22.32	22.37		
15	16QAM	36	39	22.48	22.45	22.49		
15	16QAM	75	0	22.45	22.37	22.34		
15	64QAM	1	0	21.98	22.29	22.29	23.5	2
15	64QAM	1	37	22.34	22.33	22.26		
15	64QAM	1	74	22.32	22.30	22.05		
15	64QAM	36	0	21.29	21.18	21.30	22.5	3
15	64QAM	36	20	21.47	21.43	21.27		
15	64QAM	36	39	21.43	21.42	21.47		
15	64QAM	75	0	21.39	21.31	21.26		
15	256QAM	1	0	18.96	19.32	19.04	20.5	5
15	256QAM	1	37	19.10	19.10	19.07		
15	256QAM	1	74	19.13	19.08	18.97		
15	256QAM	36	0	19.49	19.18	19.14	20.5	5
15	256QAM	36	20	19.32	19.25	19.21		
15	256QAM	36	39	19.53	19.28	19.35		
15	256QAM	75	0	19.34	19.39	19.29		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.93	24.19	24.09	25.5	0
10	QPSK	1	25	24.11	24.18	24.11		
10	QPSK	1	49	24.22	24.08	24.03		
10	QPSK	25	0	23.39	23.15	23.32	24.5	1
10	QPSK	25	12	23.43	23.41	23.27		
10	QPSK	25	25	23.44	23.35	23.51		
10	QPSK	50	0	23.34	23.41	23.30		
10	16QAM	1	0	23.15	23.48	23.43	24.5	1
10	16QAM	1	25	23.20	23.42	23.38		
10	16QAM	1	49	23.29	23.32	23.09		
10	16QAM	25	0	22.36	22.29	22.27	23.5	2
10	16QAM	25	12	22.42	22.32	22.32		
10	16QAM	25	25	22.54	22.34	22.41		
10	16QAM	50	0	22.40	22.33	22.35		
10	64QAM	1	0	21.95	22.34	22.29	23.5	2
10	64QAM	1	25	22.32	22.29	22.26		
10	64QAM	1	49	22.29	22.34	22.04		
10	64QAM	25	0	21.34	21.25	21.26	22.5	3
10	64QAM	25	12	21.40	21.39	21.29		
10	64QAM	25	25	21.42	21.46	21.38		
10	64QAM	50	0	21.47	21.36	21.26		
10	256QAM	1	0	18.91	19.10	19.18	20.5	5
10	256QAM	1	25	19.04	19.27	18.99		
10	256QAM	1	49	19.24	19.07	19.02		
10	256QAM	25	0	19.46	19.21	19.37	20.5	5
10	256QAM	25	12	19.48	19.42	19.22		
10	256QAM	25	25	19.37	19.23	19.46		
10	256QAM	50	0	19.40	19.34	19.39		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.88	24.18	24.12	25.5	0
5	QPSK	1	12	24.15	24.12	24.14		
5	QPSK	1	24	24.16	24.15	24.03		
5	QPSK	12	0	23.30	23.24	23.23	24.5	1
5	QPSK	12	7	23.39	23.40	23.30		
5	QPSK	12	13	23.38	23.40	23.45		
5	QPSK	25	0	23.35	23.41	23.34		
5	16QAM	1	0	23.15	23.43	23.32	24.5	1
5	16QAM	1	12	23.24	23.41	23.42		
5	16QAM	1	24	23.39	23.28	23.06		
5	16QAM	12	0	22.32	22.31	22.23	23.5	2
5	16QAM	12	7	22.37	22.33	22.35		
5	16QAM	12	13	22.55	22.42	22.48		
5	16QAM	25	0	22.47	22.34	22.28		
5	64QAM	1	0	21.99	22.31	22.32	23.5	2
5	64QAM	1	12	22.34	22.38	22.28		
5	64QAM	1	24	22.30	22.31	22.07		
5	64QAM	12	0	21.38	21.22	21.28	22.5	3
5	64QAM	12	7	21.40	21.33	21.31		
5	64QAM	12	13	21.45	21.45	21.39		
5	64QAM	25	0	21.44	21.38	21.29		
5	256QAM	1	0	18.95	19.11	19.23	20.5	5
5	256QAM	1	12	19.14	19.13	19.16		
5	256QAM	1	24	19.20	19.04	19.10		
5	256QAM	12	0	19.21	19.19	19.27	20.5	5
5	256QAM	12	7	19.30	19.42	19.20		
5	256QAM	12	13	19.41	19.45	19.42		
5	256QAM	25	0	19.47	19.47	19.38		

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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	22.92	23.03	22.92	24.5	0
20	QPSK	1	49	23.02	22.98	22.94		
20	QPSK	1	99	22.85	22.80	22.87		
20	QPSK	50	0	21.95	22.05	21.91	23.5	1
20	QPSK	50	24	22.02	21.98	21.88		
20	QPSK	50	50	21.98	21.95	21.95		
20	QPSK	100	0	21.94	21.99	21.89		
20	16QAM	1	0	22.18	22.23	22.20	23.5	1
20	16QAM	1	49	22.49	22.50	22.51		
20	16QAM	1	99	22.15	22.08	22.12		
20	16QAM	50	0	21.00	21.01	20.95	22.5	2
20	16QAM	50	24	21.08	21.02	20.91		
20	16QAM	50	50	21.05	20.98	20.98		
20	16QAM	100	0	21.04	20.95	20.89		
20	64QAM	1	0	21.01	21.13	21.04	22.5	2
20	64QAM	1	49	21.11	21.20	21.09		
20	64QAM	1	99	20.91	20.97	21.00		
20	64QAM	50	0	19.96	20.01	19.95	21.5	3
20	64QAM	50	24	20.07	19.97	19.95		
20	64QAM	50	50	20.01	19.96	19.98		
20	64QAM	100	0	20.03	19.95	19.90		
20	256QAM	1	0	18.03	18.15	17.87	19.5	5
20	256QAM	1	49	17.94	18.03	17.92		
20	256QAM	1	99	17.94	17.89	17.89		
20	256QAM	50	0	17.87	17.96	17.92	19.5	5
20	256QAM	50	24	17.94	18.10	17.80		
20	256QAM	50	50	17.97	17.95	17.86		
20	256QAM	100	0	17.92	18.08	17.94		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.75	22.83	22.84	24.5	0
15	QPSK	1	37	22.86	22.88	22.76		
15	QPSK	1	74	22.70	22.65	22.75		
15	QPSK	36	0	21.84	21.93	21.87	23.5	1
15	QPSK	36	20	21.92	21.84	21.70		
15	QPSK	36	39	21.92	21.80	21.78		
15	QPSK	75	0	21.83	21.86	21.84		
15	16QAM	1	0	22.00	22.06	22.04	23.5	1
15	16QAM	1	37	22.22	22.23	22.12		
15	16QAM	1	74	22.08	22.07	22.06		
15	16QAM	36	0	20.91	20.85	20.83	22.5	2
15	16QAM	36	20	21.02	20.93	20.77		
15	16QAM	36	39	20.94	20.84	20.93		
15	16QAM	75	0	20.89	20.77	20.78		
15	64QAM	1	0	20.87	21.05	20.98	22.5	2
15	64QAM	1	37	20.94	21.06	21.03		
15	64QAM	1	74	20.82	20.86	20.95		
15	64QAM	36	0	19.91	19.86	19.84	21.5	3
15	64QAM	36	20	19.91	19.84	19.83		
15	64QAM	36	39	19.91	19.90	19.86		
15	64QAM	75	0	19.86	19.90	19.86		
15	256QAM	1	0	17.65	17.74	17.80	19.5	5
15	256QAM	1	37	17.94	17.81	17.65		
15	256QAM	1	74	17.75	17.76	17.65		
15	256QAM	36	0	17.93	18.03	17.86	19.5	5
15	256QAM	36	20	17.97	17.90	17.68		
15	256QAM	36	39	17.89	17.86	17.79		
15	256QAM	75	0	17.87	17.88	17.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.78	22.93	22.87	24.5	0
10	QPSK	1	25	22.88	22.95	22.78		
10	QPSK	1	49	22.72	22.71	22.69		
10	QPSK	25	0	21.82	21.90	21.86	23.5	1
10	QPSK	25	12	21.99	21.88	21.74		
10	QPSK	25	25	21.86	21.84	21.79		
10	QPSK	50	0	21.87	21.87	21.77		
10	16QAM	1	0	22.05	22.18	22.11	23.5	1
10	16QAM	1	25	22.38	22.35	22.34		
10	16QAM	1	49	22.10	22.00	22.05		
10	16QAM	25	0	20.84	20.89	20.84	22.5	2
10	16QAM	25	12	20.94	20.94	20.82		
10	16QAM	25	25	20.99	20.88	20.91		
10	16QAM	50	0	20.86	20.81	20.73		
10	64QAM	1	0	20.93	20.98	20.92	22.5	2
10	64QAM	1	25	20.94	21.09	20.92		
10	64QAM	1	49	20.82	20.81	20.95		
10	64QAM	25	0	19.86	19.88	19.89	21.5	3
10	64QAM	25	12	19.94	19.90	19.89		
10	64QAM	25	25	19.87	19.80	19.82		
10	64QAM	50	0	19.93	19.86	19.79		
10	256QAM	1	0	17.66	17.94	17.76	19.5	5
10	256QAM	1	25	17.93	17.86	17.68		
10	256QAM	1	49	17.72	17.65	17.76		
10	256QAM	25	0	17.80	17.96	17.83	19.5	5
10	256QAM	25	12	18.06	17.92	17.76		
10	256QAM	25	25	17.80	17.95	17.84		
10	256QAM	50	0	17.78	17.75	17.88		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.78	22.90	22.80	24.5	0
5	QPSK	1	12	22.85	22.96	22.77		
5	QPSK	1	24	22.75	22.69	22.83		
5	QPSK	12	0	21.88	21.84	21.87	23.5	1
5	QPSK	12	7	21.90	21.85	21.76		
5	QPSK	12	13	21.91	21.88	21.88		
5	QPSK	25	0	21.89	21.79	21.84		
5	16QAM	1	0	22.09	22.12	22.09	23.5	1
5	16QAM	1	12	22.21	22.23	22.34		
5	16QAM	1	24	22.09	22.09	21.98		
5	16QAM	12	0	20.86	20.97	20.86	22.5	2
5	16QAM	12	7	20.91	20.93	20.84		
5	16QAM	12	13	21.00	20.80	20.90		
5	16QAM	25	0	20.93	20.81	20.78		
5	64QAM	1	0	20.94	20.98	20.87	22.5	2
5	64QAM	1	12	21.00	21.09	20.96		
5	64QAM	1	24	20.76	20.88	20.87		
5	64QAM	12	0	19.79	19.83	19.79	21.5	3
5	64QAM	12	7	20.02	19.87	19.85		
5	64QAM	12	13	19.86	19.86	19.82		
5	64QAM	25	0	19.94	19.77	19.74		
5	256QAM	1	0	17.78	17.90	17.80	19.5	5
5	256QAM	1	12	17.85	17.96	17.77		
5	256QAM	1	24	17.75	17.69	17.83		
5	256QAM	12	0	17.88	17.84	17.87	19.5	5
5	256QAM	12	7	17.90	17.85	17.76		
5	256QAM	12	13	17.91	17.88	17.88		
5	256QAM	25	0	17.89	17.79	17.84		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.88	22.83	22.77	24.5	0
3	QPSK	1	8	22.96	22.93	22.89		
3	QPSK	1	14	22.80	22.76	22.72		
3	QPSK	8	0	21.89	21.85	21.78	23.5	1
3	QPSK	8	4	21.89	21.91	21.84		
3	QPSK	8	7	21.82	21.89	21.80		
3	QPSK	15	0	21.87	21.88	21.73		
3	16QAM	1	0	22.12	22.17	22.08	23.5	1
3	16QAM	1	8	22.14	22.13	22.03		
3	16QAM	1	14	21.99	21.91	22.05		
3	16QAM	8	0	20.87	20.96	20.79	22.5	2
3	16QAM	8	4	20.99	20.87	20.75		
3	16QAM	8	7	20.95	20.89	20.86		
3	16QAM	15	0	20.98	20.87	20.83		
3	64QAM	1	0	20.90	20.95	20.92	22.5	2
3	64QAM	1	8	21.03	21.04	21.00		
3	64QAM	1	14	20.77	20.80	20.90		
3	64QAM	8	0	19.83	19.93	19.83	21.5	3
3	64QAM	8	4	19.98	19.93	19.78		
3	64QAM	8	7	19.93	19.82	19.82		
3	64QAM	15	0	19.93	19.85	19.77		
3	256QAM	1	0	17.78	17.90	17.80	19.5	5
3	256QAM	1	8	17.85	17.96	17.77		
3	256QAM	1	14	17.75	17.69	17.83		
3	256QAM	8	0	17.88	17.84	17.87	19.5	5
3	256QAM	8	4	17.90	17.85	17.76		
3	256QAM	8	7	17.91	17.88	17.88		
3	256QAM	15	0	17.89	17.79	17.84		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.65	22.83	22.89	24.5	0
1.4	QPSK	1	3	22.81	22.90	22.74		
1.4	QPSK	1	5	22.71	22.63	22.80		
1.4	QPSK	3	0	22.80	22.97	22.65		
1.4	QPSK	3	1	22.82	22.94	22.96		
1.4	QPSK	3	3	22.79	22.66	22.63		
1.4	QPSK	6	0	22.01	21.79	21.71	23.5	1
1.4	16QAM	1	0	21.91	22.04	21.89	23.5	1
1.4	16QAM	1	3	21.90	21.84	21.82		
1.4	16QAM	1	5	21.82	21.79	21.80		
1.4	16QAM	3	0	22.12	22.26	22.07		
1.4	16QAM	3	1	22.09	22.13	22.17		
1.4	16QAM	3	3	22.04	22.04	22.01		
1.4	16QAM	6	0	20.80	21.03	20.71	22.5	2
1.4	64QAM	1	0	20.94	20.75	20.70	22.5	2
1.4	64QAM	1	3	20.86	20.87	20.72		
1.4	64QAM	1	5	21.03	20.85	20.95		
1.4	64QAM	3	0	20.87	20.82	20.97		
1.4	64QAM	3	1	21.07	21.01	21.01		
1.4	64QAM	3	3	20.77	20.69	20.83		
1.4	64QAM	6	0	19.93	19.79	19.73	21.5	3
1.4	256QAM	1	0	17.78	17.90	17.80	19.5	5
1.4	256QAM	1	3	17.85	17.96	17.77		
1.4	256QAM	1	5	17.75	17.69	17.83		
1.4	256QAM	3	0	17.88	17.84	17.87		
1.4	256QAM	3	1	17.90	17.85	17.76		
1.4	256QAM	3	3	17.91	17.88	17.88		
1.4	256QAM	6	0	17.89	17.79	17.84	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.24	24.37	24.28	25.5	0
20	QPSK	1	49	24.34	24.08	24.29		
20	QPSK	1	99	24.36	24.36	24.23		
20	QPSK	50	0	23.25	23.38	23.31	24.5	1
20	QPSK	50	24	23.19	23.31	23.35		
20	QPSK	50	50	23.33	23.35	23.30		
20	QPSK	100	0	23.27	23.32	23.29		
20	16QAM	1	0	23.32	23.34	23.37	24.5	1
20	16QAM	1	49	23.63	23.60	23.57		
20	16QAM	1	99	23.36	23.35	23.31		
20	16QAM	50	0	22.24	22.29	22.32	23.5	2
20	16QAM	50	24	22.36	22.37	22.37		
20	16QAM	50	50	22.35	22.39	22.29		
20	16QAM	100	0	22.34	22.27	22.30		
20	64QAM	1	0	22.17	22.32	22.30	23.5	2
20	64QAM	1	49	22.34	22.44	22.41		
20	64QAM	1	99	22.22	22.34	22.25		
20	64QAM	50	0	21.24	21.31	21.31	22.5	3
20	64QAM	50	24	21.37	21.35	21.35		
20	64QAM	50	50	21.35	21.40	21.31		
20	64QAM	100	0	21.33	21.34	21.32		
20	256QAM	1	0	19.22	19.47	19.19	20.5	5
20	256QAM	1	49	19.36	19.19	19.35		
20	256QAM	1	99	19.26	19.46	19.27		
20	256QAM	50	0	19.20	19.27	19.27	20.5	5
20	256QAM	50	24	19.27	19.40	19.31		
20	256QAM	50	50	19.36	19.47	19.29		
20	256QAM	100	0	19.19	19.38	19.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.16	24.03	24.15	25.5	0
15	QPSK	1	37	24.25	24.23	24.15		
15	QPSK	1	74	24.23	24.31	24.10		
15	QPSK	36	0	23.07	23.21	23.15	24.5	1
15	QPSK	36	20	23.20	23.29	23.23		
15	QPSK	36	39	23.19	23.25	23.17		
15	QPSK	75	0	23.22	23.14	23.12		
15	16QAM	1	0	23.14	23.17	23.26	24.5	1
15	16QAM	1	37	23.49	23.46	23.50		
15	16QAM	1	74	23.28	23.20	23.24		
15	16QAM	36	0	22.16	22.23	22.23	23.5	2
15	16QAM	36	20	22.32	22.27	22.32		
15	16QAM	36	39	22.30	22.34	22.12		
15	16QAM	75	0	22.20	22.17	22.24		
15	64QAM	1	0	22.08	22.27	22.16	23.5	2
15	64QAM	1	37	22.28	22.35	22.35		
15	64QAM	1	74	22.14	22.17	22.17		
15	64QAM	36	0	21.10	21.26	21.21	22.5	3
15	64QAM	36	20	21.26	21.21	21.19		
15	64QAM	36	39	21.19	21.28	21.14		
15	64QAM	75	0	21.26	21.29	21.15		
15	256QAM	1	0	19.04	19.07	19.25	20.5	5
15	256QAM	1	37	19.25	19.18	19.25		
15	256QAM	1	74	19.23	19.24	19.19		
15	256QAM	36	0	19.10	19.15	19.18	20.5	5
15	256QAM	36	20	19.23	19.36	19.33		
15	256QAM	36	39	19.10	19.36	19.10		
15	256QAM	75	0	19.27	19.18	19.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.18	23.96	24.11	25.5	0
10	QPSK	1	25	24.25	24.33	24.17		
10	QPSK	1	49	24.26	24.22	24.07		
10	QPSK	25	0	23.15	23.22	23.25	24.5	1
10	QPSK	25	12	23.34	23.30	23.22		
10	QPSK	25	25	23.29	23.25	23.17		
10	QPSK	50	0	23.17	23.20	23.18		
10	16QAM	1	0	23.25	23.22	23.22	24.5	1
10	16QAM	1	25	23.52	23.47	23.48		
10	16QAM	1	49	23.32	23.28	23.15		
10	16QAM	25	0	22.08	22.22	22.23	23.5	2
10	16QAM	25	12	22.23	22.26	22.25		
10	16QAM	25	25	22.24	22.32	22.23		
10	16QAM	50	0	22.29	22.15	22.14		
10	64QAM	1	0	22.01	22.23	22.17	23.5	2
10	64QAM	1	25	22.18	22.28	22.31		
10	64QAM	1	49	22.07	22.17	22.13		
10	64QAM	25	0	21.13	21.15	21.18	22.5	3
10	64QAM	25	12	21.31	21.22	21.31		
10	64QAM	25	25	21.18	21.24	21.15		
10	64QAM	50	0	21.22	21.20	21.21		
10	256QAM	1	0	19.14	18.98	19.09	20.5	5
10	256QAM	1	25	19.36	19.35	19.11		
10	256QAM	1	49	19.20	19.17	19.16		
10	256QAM	25	0	19.10	19.20	19.36	20.5	5
10	256QAM	25	12	19.45	19.32	19.19		
10	256QAM	25	25	19.22	19.16	19.28		
10	256QAM	50	0	19.08	19.28	19.21		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.15	24.03	24.14	25.5	0
5	QPSK	1	12	24.17	24.22	24.11		
5	QPSK	1	24	24.26	24.21	24.10		
5	QPSK	12	0	23.12	23.25	23.19	24.5	1
5	QPSK	12	7	23.27	23.30	23.28		
5	QPSK	12	13	23.21	23.24	23.14		
5	QPSK	25	0	23.17	23.10	23.22		
5	16QAM	1	0	23.24	23.17	23.29	24.5	1
5	16QAM	1	12	23.53	23.48	23.46		
5	16QAM	1	24	23.18	23.22	23.26		
5	16QAM	12	0	22.07	22.13	22.18	23.5	2
5	16QAM	12	7	22.25	22.20	22.25		
5	16QAM	12	13	22.28	22.33	22.15		
5	16QAM	25	0	22.27	22.21	22.14		
5	64QAM	1	0	22.06	22.15	22.19	23.5	2
5	64QAM	1	12	22.18	22.37	22.36		
5	64QAM	1	24	22.12	22.28	22.09		
5	64QAM	12	0	21.10	21.22	21.13	22.5	3
5	64QAM	12	7	21.31	21.30	21.27		
5	64QAM	12	13	21.18	21.24	21.13		
5	64QAM	25	0	21.23	21.18	21.19		
5	256QAM	1	0	19.18	19.11	19.13	20.5	5
5	256QAM	1	12	19.18	19.16	19.02		
5	256QAM	1	24	19.28	19.15	18.98		
5	256QAM	12	0	19.17	19.22	19.25	20.5	5
5	256QAM	12	7	19.23	19.32	19.31		
5	256QAM	12	13	19.19	19.14	19.03		
5	256QAM	25	0	19.18	19.16	19.14		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.32	24.32	24.21	24.38	24.27	24.25	25.5	0
20	QPSK	1	49	24.36	24.30	24.24	24.33	24.18	24.18		
20	QPSK	1	99	24.31	24.27	24.24	24.29	24.21	24.15		
20	QPSK	50	0	23.36	23.42	23.24	23.45	23.31	23.18	24.5	1
20	QPSK	50	24	23.33	23.43	23.32	23.41	23.30	23.23		
20	QPSK	50	50	23.40	23.41	23.29	23.38	23.22	23.16		
20	QPSK	100	0	23.41	23.42	23.30	23.44	23.37	23.25		
20	16QAM	1	0	23.35	23.33	23.21	23.41	23.27	23.19	24.5	1
20	16QAM	1	49	23.37	23.33	23.38	23.35	23.38	23.22		
20	16QAM	1	99	23.32	23.31	23.26	23.35	23.12	23.16		
20	16QAM	50	0	22.34	22.45	22.27	22.33	22.33	22.19	23.5	2
20	16QAM	50	24	22.44	22.46	22.34	22.42	22.30	22.18		
20	16QAM	50	50	22.40	22.39	22.32	22.39	22.27	22.18		
20	16QAM	100	0	22.42	22.41	22.31	22.41	22.29	22.14		
20	64QAM	1	0	22.28	22.33	22.18	22.38	22.23	22.19	23.5	2
20	64QAM	1	49	22.35	22.40	22.38	22.42	22.23	22.25		
20	64QAM	1	99	22.18	22.29	22.27	22.30	22.25	22.17		
20	64QAM	50	0	21.36	21.46	21.26	21.33	21.31	21.21	22.5	3
20	64QAM	50	24	21.43	21.43	21.33	21.43	21.32	21.19		
20	64QAM	50	50	21.42	21.41	21.31	21.41	21.28	21.18		
20	64QAM	100	0	21.39	21.44	21.33	21.42	21.28	21.17		
20	256QAM	1	0	19.44	19.43	19.30	19.32	19.35	19.36	20.5	5
20	256QAM	1	49	19.28	19.22	19.18	19.33	19.21	19.21		
20	256QAM	1	99	19.37	19.18	19.16	19.31	19.28	19.18		
20	256QAM	50	0	19.24	19.36	19.18	19.41	19.42	19.25	20.5	5
20	256QAM	50	24	19.34	19.40	19.37	19.39	19.18	19.19		
20	256QAM	50	50	19.29	19.38	19.41	19.36	19.22	19.17		
20	256QAM	100	0	19.30	19.50	19.23	19.42	19.27	19.31		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.79	23.78	23.65	23.83	23.78	23.73	25.50	0
15	QPSK	1	37	23.82	23.72	23.76	23.79	23.60	23.71		
15	QPSK	1	74	23.76	23.76	23.77	23.75	23.65	23.63		
15	QPSK	36	0	22.81	22.83	22.73	22.80	22.77	22.61	24.5	1
15	QPSK	36	20	22.85	22.82	22.80	22.82	22.80	22.67		
15	QPSK	36	39	22.79	22.84	22.77	22.86	22.66	22.64		
15	QPSK	75	0	22.89	22.87	22.73	22.95	22.72	22.75		
15	16QAM	1	0	22.85	22.77	22.67	22.87	22.74	22.72	24.5	1
15	16QAM	1	37	23.00	22.98	22.82	22.89	22.83	22.78		
15	16QAM	1	74	22.86	22.73	22.73	22.90	22.77	22.73		
15	16QAM	36	0	21.85	21.88	21.81	21.77	21.85	21.77	23.5	2
15	16QAM	36	20	21.89	21.94	21.87	21.90	21.85	21.77		
15	16QAM	36	39	21.89	21.89	21.84	21.94	21.73	21.70		
15	16QAM	75	0	21.92	21.94	21.81	21.88	21.80	21.78		
15	64QAM	1	0	21.79	21.80	21.73	21.93	21.69	21.73	23.5	2
15	64QAM	1	37	21.84	21.91	21.91	21.88	21.66	21.80		
15	64QAM	1	74	21.66	21.74	21.82	21.82	21.73	21.66		
15	64QAM	36	0	20.78	20.95	20.74	20.78	20.86	20.74	22.5	3
15	64QAM	36	20	20.94	20.92	20.76	20.90	20.77	20.69		
15	64QAM	36	39	20.90	20.87	20.86	20.85	20.80	20.73		
15	64QAM	75	0	20.91	20.98	20.84	20.89	20.73	20.69		
15	256QAM	1	0	18.83	18.80	18.54	18.85	18.87	18.76	20.5	5
15	256QAM	1	37	18.75	18.76	18.68	18.90	18.68	18.70		
15	256QAM	1	74	18.68	18.83	18.79	18.66	18.74	18.69		
15	256QAM	36	0	18.80	18.80	18.82	18.86	18.76	18.66	20.5	5
15	256QAM	36	20	18.77	18.88	18.91	18.94	18.89	18.76		
15	256QAM	36	39	18.73	18.80	18.72	18.79	18.65	18.66		
15	256QAM	75	0	18.84	18.75	18.73	18.82	18.72	18.65		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	23.84	23.85	23.75	23.78	23.79	23.76	25.50	0
10	QPSK	1	25	23.81	23.81	23.71	23.85	23.70	23.69		
10	QPSK	1	49	23.80	23.73	23.66	23.81	23.70	23.65		
10	QPSK	25	0	22.81	22.89	22.69	22.88	22.81	22.69	24.5	1
10	QPSK	25	12	22.81	22.95	22.87	22.89	22.72	22.67		
10	QPSK	25	25	22.84	22.84	22.75	22.87	22.74	22.76		
10	QPSK	50	0	22.93	22.87	22.83	22.86	22.77	22.65		
10	16QAM	1	0	22.87	22.84	22.75	22.97	22.80	22.71	24.5	1
10	16QAM	1	25	22.83	22.94	22.94	22.99	22.90	22.72		
10	16QAM	1	49	22.88	22.74	22.73	22.87	22.70	22.75		
10	16QAM	25	0	21.90	21.88	21.77	21.78	21.83	21.70	23.5	2
10	16QAM	25	12	21.99	21.97	21.89	21.98	21.80	21.70		
10	16QAM	25	25	21.96	21.89	21.77	21.81	21.79	21.74		
10	16QAM	50	0	21.91	21.94	21.74	21.93	21.75	21.76		
10	64QAM	1	0	21.74	21.76	21.61	21.94	21.72	21.69	23.5	2
10	64QAM	1	25	21.83	21.88	21.91	21.86	21.76	21.79		
10	64QAM	1	49	21.66	21.83	21.81	21.73	21.75	21.71		
10	64QAM	25	0	20.84	21.00	20.80	20.89	20.84	20.74	22.5	3
10	64QAM	25	12	20.94	20.88	20.85	20.92	20.76	20.74		
10	64QAM	25	25	20.96	20.92	20.76	20.86	20.74	20.77		
10	64QAM	50	0	20.87	20.96	20.80	20.89	20.75	20.72		
10	256QAM	1	0	18.73	18.82	18.77	18.84	18.70	18.72	20.5	5
10	256QAM	1	25	18.92	18.80	18.79	18.78	18.64	18.70		
10	256QAM	1	49	18.74	18.80	18.71	18.86	18.73	18.75		
10	256QAM	25	0	18.83	18.78	18.69	18.83	18.84	18.77	20.5	5
10	256QAM	25	12	18.90	18.94	18.82	19.00	18.71	18.73		
10	256QAM	25	25	18.95	18.84	18.74	18.87	18.77	18.78		
10	256QAM	50	0	18.84	18.75	18.75	18.85	18.79	18.64		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.92	23.80	23.75	23.79	23.73	23.76	25.50	0
5	QPSK	1	12	23.82	23.82	23.79	23.84	23.71	23.72		
5	QPSK	1	24	23.83	23.76	23.77	23.77	23.65	23.53		
5	QPSK	12	0	22.92	22.88	22.69	22.86	22.80	22.73	24.5	1
5	QPSK	12	7	22.98	22.88	22.87	22.95	22.82	22.66		
5	QPSK	12	13	22.88	22.91	22.77	22.85	22.76	22.64		
5	QPSK	25	0	22.97	23.00	22.74	22.96	22.71	22.67		
5	16QAM	1	0	22.82	22.80	22.71	22.92	22.77	22.75	24.5	1
5	16QAM	1	12	22.99	22.94	22.80	22.93	22.84	22.74		
5	16QAM	1	24	22.77	22.79	22.73	22.89	22.72	22.71		
5	16QAM	12	0	21.86	21.88	21.74	21.76	21.84	21.74	23.5	2
5	16QAM	12	7	21.93	21.88	21.81	21.96	21.74	21.72		
5	16QAM	12	13	21.94	21.90	21.78	21.84	21.70	21.71		
5	16QAM	25	0	21.93	21.87	21.78	21.96	21.77	21.72		
5	64QAM	1	0	21.80	21.81	21.70	21.83	21.78	21.73	23.5	2
5	64QAM	1	12	21.84	21.93	21.93	21.98	21.69	21.81		
5	64QAM	1	24	21.64	21.83	21.71	21.80	21.77	21.71		
5	64QAM	12	0	20.88	21.00	20.79	20.82	20.83	20.75	22.5	3
5	64QAM	12	7	20.98	20.89	20.87	20.97	20.88	20.69		
5	64QAM	12	13	20.94	20.91	20.78	20.86	20.72	20.68		
5	64QAM	25	0	20.94	20.87	20.76	20.93	20.82	20.65		
5	256QAM	1	0	18.91	18.92	18.87	18.79	18.69	18.72	20.5	5
5	256QAM	1	12	18.91	18.82	18.90	18.92	18.69	18.82		
5	256QAM	1	24	18.71	18.77	18.86	18.67	18.69	18.63		
5	256QAM	12	0	18.88	19.00	18.70	18.87	18.71	18.77	20.5	5
5	256QAM	12	7	18.93	18.88	18.89	18.88	18.86	18.62		
5	256QAM	12	13	18.96	18.85	18.80	18.90	18.79	18.65		
5	256QAM	25	0	18.99	18.95	18.70	18.86	18.75	18.60		

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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	23.14	23.24	23.19	24.5	0
20	QPSK	1	49	23.06	23.15	23.03		
20	QPSK	1	99	23.09	23.19	23.07		
20	QPSK	50	0	22.04	22.18	22.12	23.5	1
20	QPSK	50	24	21.98	22.11	22.03		
20	QPSK	50	50	22.05	22.13	21.99		
20	QPSK	100	0	22.18	22.24	22.13		
20	16QAM	1	0	22.03	22.17	22.02	23.5	1
20	16QAM	1	49	22.14	22.22	22.10		
20	16QAM	1	99	22.09	22.19	22.12		
20	16QAM	50	0	21.08	21.22	21.11	22.5	2
20	16QAM	50	24	21.14	21.28	21.16		
20	16QAM	50	50	21.15	21.22	21.10		
20	16QAM	100	0	21.02	21.13	21.08		
20	64QAM	1	0	21.10	21.21	21.16	22.5	2
20	64QAM	1	49	21.11	21.18	21.07		
20	64QAM	1	99	21.05	21.14	21.08		
20	64QAM	50	0	20.05	20.10	19.95	21.5	3
20	64QAM	50	24	20.09	20.20	20.12		
20	64QAM	50	50	20.16	20.25	20.19		
20	64QAM	100	0	20.15	20.24	20.12		
20	256QAM	1	0	18.06	18.13	18.03	19.5	5
20	256QAM	1	49	18.06	18.19	18.09		
20	256QAM	1	99	18.14	18.25	18.10		
20	256QAM	50	0	18.05	18.19	18.11	19.5	5
20	256QAM	50	24	18.26	18.33	18.21		
20	256QAM	50	50	18.29	18.34	18.25		
20	256QAM	100	0	18.07	18.21	18.12		
Channel				20625	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.08	23.18	23.11	24.5	0
15	QPSK	1	37	22.96	23.07	22.92		
15	QPSK	1	74	22.97	23.13	22.98		
15	QPSK	36	0	21.94	22.12	22.02	23.5	1
15	QPSK	36	20	21.87	22.06	21.90		
15	QPSK	36	39	21.96	22.03	21.93		
15	QPSK	75	0	22.04	22.13	22.00		
15	16QAM	1	0	21.90	22.02	21.95	23.5	1
15	16QAM	1	37	21.99	22.10	21.96		
15	16QAM	1	74	21.94	22.08	22.01		
15	16QAM	36	0	20.95	21.07	21.05	22.5	2
15	16QAM	36	20	21.01	21.21	21.02		
15	16QAM	36	39	21.07	21.10	20.97		
15	16QAM	75	0	20.89	20.99	21.02		
15	64QAM	1	0	20.98	21.15	21.09	22.5	2
15	64QAM	1	37	21.01	21.03	20.93		
15	64QAM	1	74	20.99	21.00	21.02		
15	64QAM	36	0	19.97	19.97	19.80	21.5	3
15	64QAM	36	20	19.98	20.09	19.99		
15	64QAM	36	39	20.08	20.16	20.06		
15	64QAM	75	0	20.08	20.16	19.98		
15	256QAM	1	0	17.98	17.98	17.94	19.5	5
15	256QAM	1	37	17.92	18.11	17.99		
15	256QAM	1	74	18.06	18.18	18.04		
15	256QAM	36	0	17.98	18.13	18.05	19.5	5
15	256QAM	36	20	18.14	18.26	18.07		
15	256QAM	36	39	18.24	18.21	18.16		
15	256QAM	75	0	17.97	18.08	18.01		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.01	23.15	23.09	24.5	0
10	QPSK	1	25	22.97	23.04	22.91		
10	QPSK	1	49	23.04	23.13	22.95		
10	QPSK	25	0	21.92	22.04	21.98	23.5	1
10	QPSK	25	12	21.91	21.99	21.96		
10	QPSK	25	25	21.90	22.01	21.91		
10	QPSK	50	0	22.13	22.11	22.01		
10	16QAM	1	0	21.89	22.10	21.89	23.5	1
10	16QAM	1	25	22.00	22.12	21.99		
10	16QAM	1	49	21.96	22.14	22.05		
10	16QAM	25	0	20.94	21.12	20.99	22.5	2
10	16QAM	25	12	21.01	21.21	21.03		
10	16QAM	25	25	21.03	21.15	21.00		
10	16QAM	50	0	20.91	20.99	20.98		
10	64QAM	1	0	21.02	21.10	21.02	22.5	2
10	64QAM	1	25	21.05	21.08	20.98		
10	64QAM	1	49	20.95	21.00	21.01		
10	64QAM	25	0	19.98	19.98	19.88	21.5	3
10	64QAM	25	12	20.01	20.14	20.00		
10	64QAM	25	25	20.06	20.15	20.06		
10	64QAM	50	0	20.06	20.18	19.97		
10	256QAM	1	0	17.94	18.05	17.95	19.5	5
10	256QAM	1	25	17.96	18.04	17.98		
10	256QAM	1	49	18.06	18.12	17.98		
10	256QAM	25	0	17.92	18.12	18.02	19.5	5
10	256QAM	25	12	18.16	18.27	18.13		
10	256QAM	25	25	18.20	18.22	18.13		
10	256QAM	50	0	17.97	18.13	18.06		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.04	23.10	23.09	24.5	0
5	QPSK	1	12	22.97	23.09	22.90		
5	QPSK	1	24	23.03	23.10	23.00		
5	QPSK	12	0	21.95	22.08	22.00	23.5	1
5	QPSK	12	7	21.92	21.99	21.88		
5	QPSK	12	13	21.92	22.02	21.88		
5	QPSK	25	0	22.08	22.17	22.00		
5	16QAM	1	0	21.97	22.07	21.92	23.5	1
5	16QAM	1	12	22.07	22.08	22.00		
5	16QAM	1	24	22.02	22.14	22.06		
5	16QAM	12	0	20.97	21.14	20.97	22.5	2
5	16QAM	12	7	21.09	21.15	21.05		
5	16QAM	12	13	21.08	21.13	21.05		
5	16QAM	25	0	20.90	21.07	20.99		
5	64QAM	1	0	21.04	21.13	21.08	22.5	2
5	64QAM	1	12	21.00	21.08	20.98		
5	64QAM	1	24	20.99	21.05	20.96		
5	64QAM	12	0	19.94	20.02	19.85	21.5	3
5	64QAM	12	7	19.95	20.13	20.07		
5	64QAM	12	13	20.08	20.13	20.12		
5	64QAM	25	0	20.08	20.17	20.07		
5	256QAM	1	0	17.98	18.08	17.96	19.5	5
5	256QAM	1	12	17.97	18.07	18.02		
5	256QAM	1	24	18.04	18.15	18.02		
5	256QAM	12	0	17.99	18.05	17.99	19.5	5
5	256QAM	12	7	18.11	18.20	18.13		
5	256QAM	12	13	18.24	18.28	18.11		
5	256QAM	25	0	17.92	18.13	17.99		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.71	24.84	24.77	25.7	0
20	QPSK	1	49	24.65	24.75	24.79		
20	QPSK	1	99	24.76	24.73	24.81		
20	QPSK	50	0	23.97	24.01	23.89	24.7	1
20	QPSK	50	24	23.85	23.85	23.83		
20	QPSK	50	50	23.92	23.86	23.91		
20	QPSK	100	0	23.92	23.95	23.88		
20	16QAM	1	0	23.96	23.94	23.96	24.7	1
20	16QAM	1	49	24.06	23.97	23.96		
20	16QAM	1	99	23.93	23.87	23.98		
20	16QAM	50	0	22.88	22.87	22.95	23.7	2
20	16QAM	50	24	22.84	22.86	22.78		
20	16QAM	50	50	22.92	22.84	22.81		
20	16QAM	100	0	22.82	22.87	22.83		
20	64QAM	1	0	22.92	22.81	22.88	23.7	2
20	64QAM	1	49	22.80	22.74	22.74		
20	64QAM	1	99	22.81	22.71	22.68		
20	64QAM	50	0	21.85	21.87	21.75	22.7	3
20	64QAM	50	24	21.83	21.82	21.89		
20	64QAM	50	50	21.71	21.79	21.83		
20	64QAM	100	0	21.87	21.85	21.88		
20	256QAM	1	0	19.81	19.98	19.86	20.7	5
20	256QAM	1	49	19.68	19.63	19.76		
20	256QAM	1	99	19.76	19.61	19.85		
20	256QAM	50	0	19.86	20.02	19.97	20.7	5
20	256QAM	50	24	19.77	19.81	19.94		
20	256QAM	50	50	19.86	19.83	19.91		
20	256QAM	100	0	19.89	19.84	19.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.47	24.82	24.75	25.7	0
15	QPSK	1	37	24.59	24.56	24.64		
15	QPSK	1	74	24.74	24.65	24.72		
15	QPSK	36	0	23.83	23.77	23.78	24.7	1
15	QPSK	36	20	23.61	23.81	23.80		
15	QPSK	36	39	23.89	23.89	23.68		
15	QPSK	75	0	23.86	23.87	23.71		
15	16QAM	1	0	23.82	23.88	23.84	24.7	1
15	16QAM	1	37	24.07	23.93	23.94		
15	16QAM	1	74	23.96	23.87	24.00		
15	16QAM	36	0	22.64	22.67	22.85	23.7	2
15	16QAM	36	20	22.72	22.88	22.58		
15	16QAM	36	39	22.84	22.80	22.71		
15	16QAM	75	0	22.74	22.83	22.79		
15	64QAM	1	0	22.77	22.79	22.65	23.7	2
15	64QAM	1	37	22.56	22.68	22.67		
15	64QAM	1	74	22.68	22.60	22.57		
15	64QAM	36	0	21.64	21.76	21.64	22.7	3
15	64QAM	36	20	21.74	21.65	21.83		
15	64QAM	36	39	21.59	21.80	21.64		
15	64QAM	75	0	21.72	21.84	21.88		
15	256QAM	1	0	19.47	19.85	19.64	20.7	5
15	256QAM	1	37	19.65	19.67	19.72		
15	256QAM	1	74	19.80	19.69	19.71		
15	256QAM	36	0	19.73	19.85	19.89	20.7	5
15	256QAM	36	20	19.64	19.83	19.75		
15	256QAM	36	39	19.92	19.85	19.64		
15	256QAM	75	0	19.77	19.79	19.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.66	24.67	24.65	25.7	0
10	QPSK	1	25	24.46	24.80	24.74		
10	QPSK	1	49	24.53	24.62	24.80		
10	QPSK	25	0	23.96	23.67	23.76	24.7	1
10	QPSK	25	12	23.70	23.76	23.86		
10	QPSK	25	25	23.79	23.73	23.76		
10	QPSK	50	0	23.90	23.85	23.97		
10	16QAM	1	0	23.80	23.92	23.89	24.7	1
10	16QAM	1	25	24.06	23.92	23.92		
10	16QAM	1	49	23.77	23.86	23.86		
10	16QAM	25	0	22.87	22.62	22.97	23.7	2
10	16QAM	25	12	22.63	22.89	22.59		
10	16QAM	25	25	22.75	22.85	22.65		
10	16QAM	50	0	22.80	22.90	22.79		
10	64QAM	1	0	22.68	22.66	22.89	23.7	2
10	64QAM	1	25	22.66	22.63	22.73		
10	64QAM	1	49	22.62	22.57	22.58		
10	64QAM	25	0	21.68	21.70	21.68	22.7	3
10	64QAM	25	12	21.62	21.65	21.83		
10	64QAM	25	25	21.70	21.72	21.83		
10	64QAM	50	0	21.71	21.84	21.70		
10	256QAM	1	0	19.70	19.78	19.66	20.7	5
10	256QAM	1	25	19.58	19.68	19.66		
10	256QAM	1	49	19.59	19.71	19.91		
10	256QAM	25	0	19.93	19.78	19.72	20.7	5
10	256QAM	25	12	19.62	19.82	19.88		
10	256QAM	25	25	19.68	19.85	19.67		
10	256QAM	50	0	19.90	19.84	20.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.83	24.67	25.7	0
5	QPSK	1	12	24.61	24.66	24.73		
5	QPSK	1	24	24.79	24.72	24.76		
5	QPSK	12	0	23.87	23.68	23.94	24.7	1
5	QPSK	12	7	23.79	23.79	23.63		
5	QPSK	12	13	23.68	23.71	23.92		
5	QPSK	25	0	23.79	23.74	23.97		
5	16QAM	1	0	23.99	23.91	23.72	24.7	1
5	16QAM	1	12	23.89	23.96	23.96		
5	16QAM	1	24	23.77	23.65	23.80		
5	16QAM	12	0	22.72	22.77	22.90	23.7	2
5	16QAM	12	7	22.64	22.69	22.78		
5	16QAM	12	13	22.80	22.79	22.58		
5	16QAM	25	0	22.61	22.82	22.77		
5	64QAM	1	0	22.83	22.64	22.73	23.7	2
5	64QAM	1	12	22.83	22.74	22.54		
5	64QAM	1	24	22.67	22.57	22.48		
5	64QAM	12	0	21.89	21.88	21.50	22.7	3
5	64QAM	12	7	21.67	21.62	21.77		
5	64QAM	12	13	21.66	21.73	21.70		
5	64QAM	25	0	21.62	21.68	21.87		
5	256QAM	1	0	19.70	19.81	19.62	20.7	5
5	256QAM	1	12	19.66	19.68	19.67		
5	256QAM	1	24	19.77	19.65	19.77		
5	256QAM	12	0	19.84	19.74	19.95	20.7	5
5	256QAM	12	7	19.81	19.73	19.63		
5	256QAM	12	13	19.65	19.83	19.84		
5	256QAM	25	0	19.86	19.70	20.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.32	22.39	22.42	22.24	23.5	0
20	QPSK	1	49	22.31	22.24	22.38	22.26		
20	QPSK	1	99	22.24	22.29	22.30	22.36		
20	QPSK	50	0	21.48	21.57	21.58	21.34	22.5	1
20	QPSK	50	24	21.30	21.31	21.28	21.42		
20	QPSK	50	50	21.44	21.46	21.46	21.45		
20	QPSK	100	0	21.39	21.51	21.55	21.43		
20	16QAM	1	0	21.52	21.34	21.34	21.49	22.5	1
20	16QAM	1	49	21.36	21.50	21.32	21.24		
20	16QAM	1	99	21.30	21.47	21.40	21.36		
20	16QAM	50	0	20.48	20.44	20.32	20.37	21.5	2
20	16QAM	50	24	20.36	20.38	20.58	20.60		
20	16QAM	50	50	20.50	20.41	20.49	20.54		
20	16QAM	100	0	20.40	20.37	20.52	20.38		
20	64QAM	1	0	20.37	20.42	20.21	20.36	21.5	2
20	64QAM	1	49	20.21	20.33	20.39	20.36		
20	64QAM	1	99	20.40	20.34	20.30	20.25		
20	64QAM	50	0	19.22	19.30	19.39	19.32	20.5	3
20	64QAM	50	24	19.51	19.49	19.43	19.54		
20	64QAM	50	50	19.57	19.48	19.51	19.49		
20	64QAM	100	0	19.52	19.25	19.42	19.50		
20	256QAM	1	0	17.34	17.43	17.32	17.32	18.5	5
20	256QAM	1	49	17.21	17.35	17.45	17.33		
20	256QAM	1	99	17.15	17.22	17.19	17.44		
20	256QAM	50	0	17.59	17.57	17.47	17.26	18.5	5
20	256QAM	50	24	17.41	17.38	17.24	17.34		
20	256QAM	50	50	17.41	17.48	17.45	17.39		
20	256QAM	100	0	17.49	17.51	17.25	17.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.33	22.26	22.25	22.04	23.5	0
15	QPSK	1	37	22.19	22.13	22.28	22.26		
15	QPSK	1	74	22.09	22.14	22.34	22.30		
15	QPSK	36	0	21.29	21.43	21.36	21.11	22.5	1
15	QPSK	36	20	21.13	21.25	21.14	21.23		
15	QPSK	36	39	21.30	21.25	21.40	21.27		
15	QPSK	75	0	21.19	21.32	21.23	21.48		
15	16QAM	1	0	21.36	21.25	21.21	21.30	22.5	1
15	16QAM	1	37	21.13	21.43	21.14	21.16		
15	16QAM	1	74	21.23	21.46	21.23	21.25		
15	16QAM	36	0	20.42	20.24	20.22	20.30	21.5	2
15	16QAM	36	20	20.18	20.25	20.34	20.42		
15	16QAM	36	39	20.32	20.40	20.29	20.57		
15	16QAM	75	0	20.43	20.27	20.45	20.19		
15	64QAM	1	0	20.34	20.35	20.08	20.27	21.5	2
15	64QAM	1	37	20.13	20.19	20.30	20.32		
15	64QAM	1	74	20.38	20.12	20.17	20.19		
15	64QAM	36	0	19.19	19.30	19.41	19.34	20.5	3
15	64QAM	36	20	19.42	19.29	19.42	19.58		
15	64QAM	36	39	19.35	19.35	19.51	19.54		
15	64QAM	75	0	19.41	19.17	19.39	19.45		
15	256QAM	1	0	17.23	17.22	17.35	17.11	18.5	5
15	256QAM	1	37	17.13	17.10	17.39	17.26		
15	256QAM	1	74	17.00	17.12	17.37	17.36		
15	256QAM	36	0	17.23	17.41	17.34	17.16	18.5	5
15	256QAM	36	20	17.17	17.32	17.19	17.27		
15	256QAM	36	39	17.36	17.23	17.32	17.27		
15	256QAM	75	0	17.27	17.24	17.26	17.48		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.29	22.10	22.02	22.01	23.5	0
10	QPSK	1	25	22.20	22.25	22.17	22.09		
10	QPSK	1	49	22.18	22.30	22.34	22.20		
10	QPSK	25	0	21.42	21.37	21.45	21.25	22.5	1
10	QPSK	25	12	21.24	21.19	21.25	21.26		
10	QPSK	25	25	21.33	21.35	21.29	21.40		
10	QPSK	50	0	21.23	21.37	21.16	21.44		
10	16QAM	1	0	21.48	21.24	21.24	21.30	22.5	1
10	16QAM	1	25	21.37	21.41	21.31	21.24		
10	16QAM	1	49	21.11	21.33	21.17	21.40		
10	16QAM	25	0	20.30	20.49	20.23	20.40	21.5	2
10	16QAM	25	12	20.31	20.30	20.36	20.38		
10	16QAM	25	25	20.52	20.20	20.53	20.30		
10	16QAM	50	0	20.40	20.42	20.41	20.42		
10	64QAM	1	0	20.24	20.33	19.97	20.25	21.5	2
10	64QAM	1	25	20.07	20.12	20.27	20.18		
10	64QAM	1	49	20.22	20.32	20.24	20.21		
10	64QAM	25	0	19.15	19.16	19.36	19.25	20.5	3
10	64QAM	25	12	19.43	19.24	19.29	19.39		
10	64QAM	25	25	19.38	19.45	19.44	19.35		
10	64QAM	50	0	19.37	19.05	19.23	19.42		
10	256QAM	1	0	17.22	17.07	17.14	16.93	18.5	5
10	256QAM	1	25	17.22	17.28	17.19	17.00		
10	256QAM	1	49	17.14	17.20	17.29	17.26		
10	256QAM	25	0	17.35	17.36	17.50	17.26	18.5	5
10	256QAM	25	12	17.23	17.18	17.27	17.25		
10	256QAM	25	25	17.39	17.40	17.19	17.44		
10	256QAM	50	0	17.14	17.36	17.10	17.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.22	22.11	22.16	22.08	23.5	0
5	QPSK	1	12	22.35	22.09	22.13	22.06		
5	QPSK	1	24	22.19	22.05	22.07	22.31		
5	QPSK	12	0	21.33	21.47	21.20	21.20	22.5	1
5	QPSK	12	7	21.16	21.26	21.14	21.18		
5	QPSK	12	13	21.35	21.38	21.42	21.43		
5	QPSK	25	0	21.23	21.29	21.30	21.42		
5	16QAM	1	0	21.36	21.28	21.17	21.35	22.5	1
5	16QAM	1	12	21.13	21.40	21.27	21.12		
5	16QAM	1	24	21.21	21.44	21.32	21.26		
5	16QAM	12	0	20.41	20.44	20.13	20.21	21.5	2
5	16QAM	12	7	20.17	20.37	20.36	20.49		
5	16QAM	12	13	20.30	20.35	20.27	20.44		
5	16QAM	25	0	20.31	20.37	20.37	20.26		
5	64QAM	1	0	20.18	20.27	20.08	20.20	21.5	2
5	64QAM	1	12	20.11	20.21	20.38	20.14		
5	64QAM	1	24	20.44	20.13	20.25	20.23		
5	64QAM	12	0	19.21	19.26	19.42	19.30	20.5	3
5	64QAM	12	7	19.27	19.43	19.47	19.33		
5	64QAM	12	13	19.55	19.52	19.36	19.47		
5	64QAM	25	0	19.50	19.28	19.35	19.31		
5	256QAM	1	0	17.18	17.05	17.10	17.01	18.5	5
5	256QAM	1	12	17.39	17.03	17.05	17.02		
5	256QAM	1	24	17.14	17.08	17.11	17.26		
5	256QAM	12	0	17.35	17.46	17.25	17.23	18.5	5
5	256QAM	12	7	17.18	17.26	17.10	17.09		
5	256QAM	12	13	17.36	17.45	17.37	17.34		
5	256QAM	25	0	17.27	17.20	17.28	17.44		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.15	21.18	21.08	22.5	0
20	QPSK	1	49	21.03	20.94	20.92		
20	QPSK	1	99	21.16	21.09	21.05		
20	QPSK	50	0	20.05	20.14	20.02	21.5	1
20	QPSK	50	24	19.94	20.05	20.05		
20	QPSK	50	50	20.06	20.04	20.09		
20	QPSK	100	0	20.07	20.19	20.04		
20	16QAM	1	0	20.07	20.04	20.12	21.5	1
20	16QAM	1	49	19.79	19.90	19.90		
20	16QAM	1	99	20.07	20.03	19.99		
20	16QAM	50	0	19.13	19.05	19.08	20.5	2
20	16QAM	50	24	18.93	19.03	19.15		
20	16QAM	50	50	19.03	19.04	19.01		
20	16QAM	100	0	19.08	19.08	18.98		
20	64QAM	1	0	18.92	19.04	19.15	20.5	2
20	64QAM	1	49	19.09	19.03	19.01		
20	64QAM	1	99	18.84	18.92	18.82		
20	64QAM	50	0	18.05	18.06	18.17	19.5	3
20	64QAM	50	24	18.07	18.04	18.03		
20	64QAM	50	50	17.94	18.05	18.08		
20	64QAM	100	0	17.99	18.08	18.02		
20	256QAM	1	0	16.08	16.12	16.20	17.5	5
20	256QAM	1	49	15.96	15.99	15.94		
20	256QAM	1	99	16.17	16.18	15.96		
20	256QAM	50	0	15.99	16.15	16.05	17.5	5
20	256QAM	50	24	15.91	16.15	16.02		
20	256QAM	50	50	16.02	15.95	15.98		
20	256QAM	100	0	16.17	16.08	16.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.13	21.06	21.10	22.5	0
15	QPSK	1	37	20.95	20.88	20.89		
15	QPSK	1	74	21.17	20.91	20.94		
15	QPSK	36	0	19.85	20.07	19.98	21.5	1
15	QPSK	36	20	19.73	20.07	19.90		
15	QPSK	36	39	19.88	20.04	20.10		
15	QPSK	75	0	20.04	20.01	20.05		
15	16QAM	1	0	19.88	19.82	19.96	21.5	1
15	16QAM	1	37	19.82	19.70	19.68		
15	16QAM	1	74	20.02	19.99	19.94		
15	16QAM	36	0	18.97	18.92	18.94	20.5	2
15	16QAM	36	20	18.73	18.88	19.12		
15	16QAM	36	39	18.86	18.99	18.90		
15	16QAM	75	0	19.00	18.89	18.90		
15	64QAM	1	0	18.83	18.83	18.93	20.5	2
15	64QAM	1	37	19.14	18.93	18.83		
15	64QAM	1	74	18.78	18.81	18.83		
15	64QAM	36	0	17.95	17.86	17.93	19.5	3
15	64QAM	36	20	17.97	18.07	17.96		
15	64QAM	36	39	17.83	17.95	18.07		
15	64QAM	75	0	17.75	17.94	17.79		
15	256QAM	1	0	16.02	15.96	16.03	17.5	5
15	256QAM	1	37	15.93	15.91	16.01		
15	256QAM	1	74	16.10	15.80	16.01		
15	256QAM	36	0	15.81	16.00	16.01	17.5	5
15	256QAM	36	20	15.85	16.16	15.79		
15	256QAM	36	39	15.85	16.15	16.12		
15	256QAM	75	0	15.97	16.10	16.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.01	21.09	20.96	22.5	0
10	QPSK	1	25	20.81	20.83	20.95		
10	QPSK	1	49	20.99	20.90	20.85		
10	QPSK	25	0	19.92	19.99	19.81	21.5	1
10	QPSK	25	12	19.76	19.83	19.99		
10	QPSK	25	25	20.07	20.01	19.89		
10	QPSK	50	0	20.14	19.91	19.94		
10	16QAM	1	0	20.04	19.88	20.00	21.5	1
10	16QAM	1	25	19.83	19.89	19.85		
10	16QAM	1	49	20.02	19.93	19.90		
10	16QAM	25	0	18.93	18.91	19.10	20.5	2
10	16QAM	25	12	18.72	18.89	19.02		
10	16QAM	25	25	19.00	18.93	19.00		
10	16QAM	50	0	19.07	19.10	18.97		
10	64QAM	1	0	18.76	18.81	18.94	20.5	2
10	64QAM	1	25	18.88	18.98	18.78		
10	64QAM	1	49	18.76	18.77	18.70		
10	64QAM	25	0	17.94	17.99	18.06	19.5	3
10	64QAM	25	12	17.83	18.09	18.06		
10	64QAM	25	25	17.82	17.99	18.11		
10	64QAM	50	0	18.00	18.01	17.78		
10	256QAM	1	0	15.99	16.18	15.90	17.5	5
10	256QAM	1	25	15.79	15.83	16.00		
10	256QAM	1	49	15.99	15.91	15.92		
10	256QAM	25	0	15.90	16.06	15.81	17.5	5
10	256QAM	25	12	15.71	15.72	15.92		
10	256QAM	25	25	16.03	15.93	15.92		
10	256QAM	50	0	16.22	16.03	15.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.11	21.05	21.03	22.5	0
5	QPSK	1	12	20.78	20.85	20.87		
5	QPSK	1	24	21.06	21.04	20.97		
5	QPSK	12	0	19.89	19.82	19.81	21.5	1
5	QPSK	12	7	19.91	19.87	19.81		
5	QPSK	12	13	20.05	19.97	19.92		
5	QPSK	25	0	19.95	19.99	19.90		
5	16QAM	1	0	19.99	19.83	19.91	21.5	1
5	16QAM	1	12	19.82	19.88	19.78		
5	16QAM	1	24	19.98	20.08	19.76		
5	16QAM	12	0	19.13	18.98	18.88	20.5	2
5	16QAM	12	7	18.87	19.03	19.09		
5	16QAM	12	13	18.80	18.83	18.82		
5	16QAM	25	0	19.02	18.90	18.74		
5	64QAM	1	0	18.80	18.86	19.03	20.5	2
5	64QAM	1	12	19.07	18.94	18.79		
5	64QAM	1	24	18.86	18.90	18.73		
5	64QAM	12	0	17.84	18.09	18.13	19.5	3
5	64QAM	12	7	18.09	17.99	17.87		
5	64QAM	12	13	17.74	17.97	18.01		
5	64QAM	25	0	17.87	17.95	17.93		
5	256QAM	1	0	16.10	15.97	16.03	17.5	5
5	256QAM	1	12	15.81	15.76	15.89		
5	256QAM	1	24	16.15	15.95	15.86		
5	256QAM	12	0	15.91	15.72	15.76	17.5	5
5	256QAM	12	7	15.88	15.79	15.70		
5	256QAM	12	13	16.08	16.03	15.84		
5	256QAM	25	0	16.02	16.04	15.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.63	18.73	18.75	18.63	20	0
20	QPSK	1	49	18.55	18.71	18.55	18.52		
20	QPSK	1	99	18.70	18.60	18.58	18.57		
20	QPSK	50	0	17.72	17.85	17.87	17.64	19	1
20	QPSK	50	24	17.79	17.61	17.63	17.71		
20	QPSK	50	50	17.65	17.65	17.71	17.78		
20	QPSK	100	0	17.76	17.82	17.88	17.74		
20	16QAM	1	0	17.81	17.57	17.77	17.73	19	1
20	16QAM	1	49	17.85	17.89	17.85	17.83		
20	16QAM	1	99	17.76	17.87	17.86	17.82		
20	16QAM	50	0	16.67	16.68	16.81	16.72	18	2
20	16QAM	50	24	16.68	16.77	16.87	16.83		
20	16QAM	50	50	16.83	16.74	16.63	16.64		
20	16QAM	100	0	16.67	16.70	16.73	16.83		
20	64QAM	1	0	16.63	16.45	16.66	16.48	18	2
20	64QAM	1	49	16.58	16.66	16.41	16.56		
20	64QAM	1	99	16.41	16.38	16.40	16.58		
20	64QAM	50	0	15.78	15.68	15.79	15.74	17	3
20	64QAM	50	24	15.67	15.90	15.88	15.74		
20	64QAM	50	50	15.75	15.66	15.72	15.71		
20	64QAM	100	0	15.77	15.79	15.77	15.94		
20	256QAM	1	0	13.66	13.74	13.49	13.60	15	5
20	256QAM	1	49	13.61	13.80	13.64	13.64		
20	256QAM	1	99	13.77	13.53	13.49	13.61		
20	256QAM	50	0	13.82	13.86	13.54	13.55	15	5
20	256QAM	50	24	13.89	13.51	13.63	13.61		
20	256QAM	50	50	13.71	13.57	13.82	13.86		
20	256QAM	100	0	13.76	13.77	13.80	13.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.48	18.30	18.46	18.53	20	0
15	QPSK	1	37	18.48	18.50	18.43	18.52		
15	QPSK	1	74	18.61	18.40	18.46	18.61		
15	QPSK	36	0	17.58	17.54	17.60	17.60	19	1
15	QPSK	36	20	17.71	17.59	17.64	17.62		
15	QPSK	36	39	17.61	17.70	17.72	17.82		
15	QPSK	75	0	17.67	17.66	17.73	17.71		
15	16QAM	1	0	17.62	17.51	17.70	17.71	19	1
15	16QAM	1	37	17.77	17.76	17.75	17.70		
15	16QAM	1	74	17.68	17.63	17.82	17.79		
15	16QAM	36	0	16.64	16.45	16.61	16.58	18	2
15	16QAM	36	20	16.48	16.71	16.75	16.68		
15	16QAM	36	39	16.58	16.72	16.59	16.51		
15	16QAM	75	0	16.46	16.61	16.60	16.62		
15	64QAM	1	0	16.46	16.33	16.68	16.47	18	2
15	64QAM	1	37	16.61	16.67	16.36	16.61		
15	64QAM	1	74	16.43	16.37	16.45	16.37		
15	64QAM	36	0	15.76	15.61	15.78	15.71	17	3
15	64QAM	36	20	15.55	15.77	15.75	15.67		
15	64QAM	36	39	15.50	15.58	15.68	15.57		
15	64QAM	75	0	15.56	15.61	15.55	15.84		
15	256QAM	1	0	13.56	13.37	13.48	13.60	15	5
15	256QAM	1	37	13.40	13.46	13.52	13.63		
15	256QAM	1	74	13.60	13.43	13.44	13.71		
15	256QAM	36	0	13.63	13.64	13.71	13.61	15	5
15	256QAM	36	20	13.61	13.59	13.63	13.64		
15	256QAM	36	39	13.69	13.58	13.77	13.83		
15	256QAM	75	0	13.59	13.78	13.67	13.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.45	18.35	18.49	18.63	20	0
10	QPSK	1	25	18.41	18.72	18.48	18.33		
10	QPSK	1	49	18.60	18.49	18.60	18.66		
10	QPSK	25	0	17.63	17.63	17.41	17.57	19	1
10	QPSK	25	12	17.67	17.76	17.66	17.49		
10	QPSK	25	25	17.52	17.42	17.54	17.58		
10	QPSK	50	0	17.81	17.51	17.66	17.66		
10	16QAM	1	0	17.86	17.59	17.72	17.66	19	1
10	16QAM	1	25	17.87	17.78	17.78	17.93		
10	16QAM	1	49	17.55	17.71	17.89	17.83		
10	16QAM	25	0	16.68	16.55	16.70	16.67	18	2
10	16QAM	25	12	16.49	16.56	16.67	16.83		
10	16QAM	25	25	16.83	16.60	16.56	16.58		
10	16QAM	50	0	16.60	16.56	16.74	16.78		
10	64QAM	1	0	16.43	16.41	16.47	16.32	18	2
10	64QAM	1	25	16.35	16.67	16.43	16.44		
10	64QAM	1	49	16.44	16.37	16.36	16.38		
10	64QAM	25	0	15.58	15.68	15.58	15.56	17	3
10	64QAM	25	12	15.53	15.71	15.79	15.77		
10	64QAM	25	25	15.63	15.44	15.69	15.74		
10	64QAM	50	0	15.71	15.54	15.56	15.84		
10	256QAM	1	0	13.50	13.38	13.41	13.66	15	5
10	256QAM	1	25	13.33	13.64	13.53	13.42		
10	256QAM	1	49	13.70	13.40	13.71	13.62		
10	256QAM	25	0	13.54	13.57	13.52	13.48	15	5
10	256QAM	25	12	13.79	13.75	13.62	13.49		
10	256QAM	25	25	13.42	13.48	13.58	13.60		
10	256QAM	50	0	13.74	13.60	13.70	13.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.54	18.50	18.48	18.67	20	0
5	QPSK	1	12	18.36	18.57	18.41	18.49		
5	QPSK	1	24	18.62	18.50	18.45	18.72		
5	QPSK	12	0	17.63	17.51	17.57	17.41	19	1
5	QPSK	12	7	17.73	17.59	17.60	17.61		
5	QPSK	12	13	17.45	17.43	17.65	17.68		
5	QPSK	25	0	17.66	17.75	17.52	17.82		
5	16QAM	1	0	17.60	17.56	17.79	17.74	19	1
5	16QAM	1	12	17.78	17.77	17.79	17.77		
5	16QAM	1	24	17.51	17.67	17.89	17.78		
5	16QAM	12	0	16.55	16.48	16.63	16.75	18	2
5	16QAM	12	7	16.59	16.66	16.69	16.60		
5	16QAM	12	13	16.83	16.54	16.68	16.45		
5	16QAM	25	0	16.61	16.58	16.71	16.85		
5	64QAM	1	0	16.39	16.48	16.57	16.28	18	2
5	64QAM	1	12	16.62	16.59	16.34	16.38		
5	64QAM	1	24	16.43	16.28	16.26	16.45		
5	64QAM	12	0	15.58	15.65	15.81	15.79	17	3
5	64QAM	12	7	15.54	15.80	15.69	15.55		
5	64QAM	12	13	15.77	15.61	15.59	15.56		
5	64QAM	25	0	15.64	15.74	15.74	15.88		
5	256QAM	1	0	13.61	13.51	13.37	13.55	15	5
5	256QAM	1	12	13.38	13.62	13.43	13.61		
5	256QAM	1	24	13.66	13.42	13.57	13.66		
5	256QAM	12	0	13.62	13.61	13.58	13.51	15	5
5	256QAM	12	7	13.73	13.65	13.71	13.62		
5	256QAM	12	13	13.56	13.50	13.63	13.58		
5	256QAM	25	0	13.60	13.83	13.46	13.80		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.33	20.35	20.27	22	0
20	QPSK	1	49	20.12	20.20	20.16		
20	QPSK	1	99	20.21	20.19	20.20		
20	QPSK	50	0	19.38	19.41	19.36	21	1
20	QPSK	50	24	19.33	19.33	19.32		
20	QPSK	50	50	19.30	19.27	19.26		
20	QPSK	100	0	19.29	19.34	19.23		
20	16QAM	1	0	19.26	19.45	19.28	21	1
20	16QAM	1	49	19.39	19.37	19.14		
20	16QAM	1	99	19.25	19.44	19.34		
20	16QAM	50	0	18.46	18.33	18.37	20	2
20	16QAM	50	24	18.35	18.33	18.25		
20	16QAM	50	50	18.22	18.30	18.22		
20	16QAM	100	0	18.33	18.29	18.35		
20	64QAM	1	0	18.20	18.17	18.28	20	2
20	64QAM	1	49	18.07	18.19	18.22		
20	64QAM	1	99	18.12	18.10	18.21		
20	64QAM	50	0	17.40	17.38	17.36	19	3
20	64QAM	50	24	17.37	17.29	17.22		
20	64QAM	50	50	17.23	17.25	17.21		
20	64QAM	100	0	17.38	17.23	17.21		
20	256QAM	1	0	15.35	15.41	15.26	17	5
20	256QAM	1	49	15.19	15.09	15.11		
20	256QAM	1	99	15.12	15.29	15.25		
20	256QAM	50	0	15.43	15.50	15.37	17	5
20	256QAM	50	24	15.33	15.40	15.30		
20	256QAM	50	50	15.36	15.25	15.36		
20	256QAM	100	0	15.30	15.28	15.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.13	20.20	20.10	22	0
15	QPSK	1	37	20.12	20.07	20.05		
15	QPSK	1	74	20.05	20.13	20.03		
15	QPSK	36	0	19.27	19.28	19.34	21	1
15	QPSK	36	20	19.25	19.26	19.25		
15	QPSK	36	39	19.22	19.10	19.09		
15	QPSK	75	0	19.23	19.13	19.15		
15	16QAM	1	0	19.19	19.36	19.20	21	1
15	16QAM	1	37	19.31	19.23	19.03		
15	16QAM	1	74	19.08	19.31	19.20		
15	16QAM	36	0	18.40	18.23	18.30	20	2
15	16QAM	36	20	18.22	18.24	18.07		
15	16QAM	36	39	18.15	18.17	18.04		
15	16QAM	75	0	18.29	18.17	18.24		
15	64QAM	1	0	18.03	18.06	18.16	20	2
15	64QAM	1	37	18.08	18.15	18.26		
15	64QAM	1	74	18.10	18.17	18.01		
15	64QAM	36	0	17.35	17.33	17.19	19	3
15	64QAM	36	20	17.33	17.13	17.14		
15	64QAM	36	39	17.12	17.21	17.16		
15	64QAM	75	0	17.25	17.18	17.11		
15	256QAM	1	0	15.20	15.29	15.05	17	5
15	256QAM	1	37	15.07	15.00	15.08		
15	256QAM	1	74	15.05	15.16	15.00		
15	256QAM	36	0	15.24	15.24	15.35	17	5
15	256QAM	36	20	15.28	15.24	15.35		
15	256QAM	36	39	15.25	15.11	15.23		
15	256QAM	75	0	15.30	15.18	15.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.12	20.08	20.10	22	0
10	QPSK	1	25	20.00	20.07	20.06		
10	QPSK	1	49	20.08	20.13	20.06		
10	QPSK	25	0	19.18	19.08	19.12	21	1
10	QPSK	25	12	19.09	19.14	19.13		
10	QPSK	25	25	19.23	19.11	19.09		
10	QPSK	50	0	19.16	19.20	19.08		
10	16QAM	1	0	19.11	19.35	19.12	21	1
10	16QAM	1	25	19.42	19.40	19.09		
10	16QAM	1	49	19.00	19.15	19.12		
10	16QAM	25	0	18.27	18.11	18.14	20	2
10	16QAM	25	12	18.17	18.14	18.00		
10	16QAM	25	25	18.13	18.19	18.05		
10	16QAM	50	0	18.16	18.12	18.15		
10	64QAM	1	0	18.11	18.03	18.17	20	2
10	64QAM	1	25	18.10	18.25	18.26		
10	64QAM	1	49	18.09	18.18	18.08		
10	64QAM	25	0	17.24	17.19	17.07	19	3
10	64QAM	25	12	17.22	17.20	17.10		
10	64QAM	25	25	17.10	17.14	17.15		
10	64QAM	50	0	17.18	17.04	17.04		
10	256QAM	1	0	15.13	15.18	15.07	17	5
10	256QAM	1	25	15.06	15.19	15.07		
10	256QAM	1	49	15.11	15.10	15.16		
10	256QAM	25	0	15.17	15.09	15.12	17	5
10	256QAM	25	12	15.01	15.03	15.23		
10	256QAM	25	25	15.33	15.19	15.11		
10	256QAM	50	0	15.25	15.30	15.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.20	20.10	20.00	22	0
5	QPSK	1	12	20.03	20.15	20.07		
5	QPSK	1	24	20.08	20.13	20.07		
5	QPSK	12	0	19.16	19.13	19.20	21	1
5	QPSK	12	7	19.09	19.06	19.06		
5	QPSK	12	13	19.13	19.10	19.19		
5	QPSK	25	0	19.23	19.20	19.07		
5	16QAM	1	0	19.10	19.30	19.24	21	1
5	16QAM	1	12	19.27	19.27	19.03		
5	16QAM	1	24	19.06	19.27	19.04		
5	16QAM	12	0	18.26	18.13	18.15	20	2
5	16QAM	12	7	18.05	18.13	18.01		
5	16QAM	12	13	18.06	18.23	18.18		
5	16QAM	25	0	18.13	18.08	18.06		
5	64QAM	1	0	18.14	18.04	18.22	20	2
5	64QAM	1	12	18.10	18.22	18.21		
5	64QAM	1	24	18.03	18.12	18.06		
5	64QAM	12	0	17.15	17.09	17.13	19	3
5	64QAM	12	7	17.27	17.13	17.11		
5	64QAM	12	13	17.14	17.10	17.14		
5	64QAM	25	0	17.21	17.06	17.05		
5	256QAM	1	0	15.34	15.22	15.01	17	5
5	256QAM	1	12	15.05	15.10	15.03		
5	256QAM	1	24	15.32	15.17	15.10		
5	256QAM	12	0	15.18	15.13	15.31	17	5
5	256QAM	12	7	15.10	15.07	15.08		
5	256QAM	12	13	15.06	15.17	15.28		
5	256QAM	25	0	15.23	15.09	15.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.69	17.78	17.79	17.58	19.5	0
20	QPSK	1	49	17.72	17.72	17.59	17.67		
20	QPSK	1	99	17.74	17.74	17.54	17.63		
20	QPSK	50	0	16.89	16.93	16.99	16.90	18.5	1
20	QPSK	50	24	16.87	16.88	16.81	16.90		
20	QPSK	50	50	16.75	16.78	16.85	16.79		
20	QPSK	100	0	16.81	16.86	16.87	16.83		
20	16QAM	1	0	16.96	16.77	16.84	16.80	18.5	1
20	16QAM	1	49	16.59	16.72	16.68	16.86		
20	16QAM	1	99	16.60	16.73	16.71	16.61		
20	16QAM	50	0	15.92	15.91	15.84	15.93	17.5	2
20	16QAM	50	24	15.86	15.96	15.90	15.82		
20	16QAM	50	50	15.76	15.83	15.84	15.81		
20	16QAM	100	0	15.91	15.83	15.89	15.79		
20	64QAM	1	0	15.74	15.69	15.75	15.71	17.5	2
20	64QAM	1	49	15.78	15.77	15.67	15.50		
20	64QAM	1	99	15.54	15.65	15.66	15.56		
20	64QAM	50	0	14.82	14.99	14.84	14.81	16.5	3
20	64QAM	50	24	14.85	14.82	14.95	14.93		
20	64QAM	50	50	14.68	14.84	14.80	14.85		
20	64QAM	100	0	14.90	14.80	14.87	14.81		
20	256QAM	1	0	12.69	12.76	12.76	12.59	14.5	5
20	256QAM	1	49	12.73	12.82	12.60	12.66		
20	256QAM	1	99	12.70	12.54	12.65	12.64		
20	256QAM	50	0	12.94	12.86	12.80	12.81	14.5	5
20	256QAM	50	24	12.86	12.80	12.76	12.81		
20	256QAM	50	50	12.76	12.88	12.86	12.67		
20	256QAM	100	0	12.88	12.81	12.91	12.84		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.76	17.71	17.75	17.58	19.5	0
15	QPSK	1	37	17.66	17.77	17.56	17.64		
15	QPSK	1	74	17.72	17.61	17.56	17.61		
15	QPSK	36	0	16.79	16.83	16.85	16.84	18.5	1
15	QPSK	36	20	16.71	16.71	16.66	16.77		
15	QPSK	36	39	16.58	16.62	16.72	16.69		
15	QPSK	75	0	16.72	16.76	16.70	16.76		
15	16QAM	1	0	16.77	16.60	16.79	16.74	18.5	1
15	16QAM	1	37	16.54	16.55	16.62	16.72		
15	16QAM	1	74	16.64	16.78	16.67	16.57		
15	16QAM	36	0	15.81	15.79	15.75	15.84	17.5	2
15	16QAM	36	20	15.79	15.78	15.73	15.67		
15	16QAM	36	39	15.65	15.69	15.77	15.71		
15	16QAM	75	0	15.83	15.70	15.72	15.67		
15	64QAM	1	0	15.57	15.65	15.78	15.67	17.5	2
15	64QAM	1	37	15.72	15.83	15.56	15.52		
15	64QAM	1	74	15.52	15.59	15.51	15.54		
15	64QAM	36	0	14.67	14.90	14.74	14.72	16.5	3
15	64QAM	36	20	14.74	14.64	14.80	14.81		
15	64QAM	36	39	14.56	14.71	14.70	14.76		
15	64QAM	75	0	14.76	14.69	14.83	14.74		
15	256QAM	1	0	12.83	12.59	12.86	12.63	14.5	5
15	256QAM	1	37	12.72	12.91	12.62	12.60		
15	256QAM	1	74	12.81	12.50	12.52	12.50		
15	256QAM	36	0	12.81	12.75	12.81	12.93	14.5	5
15	256QAM	36	20	12.82	12.81	12.64	12.87		
15	256QAM	36	39	12.69	12.62	12.78	12.62		
15	256QAM	75	0	12.70	12.85	12.66	12.78		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.64	17.71	17.70	17.52	19.5	0
10	QPSK	1	25	17.66	17.75	17.59	17.61		
10	QPSK	1	49	17.67	17.70	17.55	17.67		
10	QPSK	25	0	16.89	16.77	16.84	16.75	18.5	1
10	QPSK	25	12	16.73	16.81	16.74	16.80		
10	QPSK	25	25	16.71	16.71	16.73	16.72		
10	QPSK	50	0	16.71	16.65	16.73	16.75		
10	16QAM	1	0	16.72	16.71	16.70	16.65	18.5	1
10	16QAM	1	25	16.59	16.71	16.65	16.88		
10	16QAM	1	49	16.59	16.69	16.73	16.63		
10	16QAM	25	0	15.75	15.75	15.75	15.86	17.5	2
10	16QAM	25	12	15.81	15.90	15.74	15.76		
10	16QAM	25	25	15.66	15.76	15.73	15.70		
10	16QAM	50	0	15.76	15.73	15.76	15.72		
10	64QAM	1	0	15.63	15.60	15.74	15.64	17.5	2
10	64QAM	1	25	15.73	15.89	15.63	15.54		
10	64QAM	1	49	15.56	15.62	15.74	15.59		
10	64QAM	25	0	14.65	14.85	14.72	14.76	16.5	3
10	64QAM	25	12	14.69	14.68	14.86	14.89		
10	64QAM	25	25	14.56	14.78	14.69	14.70		
10	64QAM	50	0	14.81	14.76	14.70	14.64		
10	256QAM	1	0	12.74	12.65	12.66	12.50	14.5	5
10	256QAM	1	25	12.72	12.76	12.53	12.57		
10	256QAM	1	49	12.72	12.76	12.53	12.57		
10	256QAM	25	0	12.71	12.71	12.69	12.73	14.5	5
10	256QAM	25	12	12.74	12.77	12.78	12.82		
10	256QAM	25	25	12.62	12.71	12.77	12.76		
10	256QAM	50	0	12.67	12.58	12.62	12.75		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.67	17.68	17.62	17.56	19.5	0
5	QPSK	1	12	17.76	17.67	17.59	17.63		
5	QPSK	1	24	17.64	17.74	17.70	17.61		
5	QPSK	12	0	16.85	16.85	16.73	16.73	18.5	1
5	QPSK	12	7	16.70	16.73	16.72	16.76		
5	QPSK	12	13	16.70	16.73	16.74	16.62		
5	QPSK	25	0	16.77	16.65	16.68	16.79		
5	16QAM	1	0	16.76	16.69	16.76	16.70	18.5	1
5	16QAM	1	12	16.59	16.76	16.63	16.88		
5	16QAM	1	24	16.58	16.80	16.74	16.66		
5	16QAM	12	0	15.75	15.86	15.79	15.77	17.5	2
5	16QAM	12	7	15.69	15.91	15.76	15.76		
5	16QAM	12	13	15.70	15.69	15.66	15.64		
5	16QAM	25	0	15.83	15.66	15.77	15.65		
5	64QAM	1	0	15.59	15.51	15.70	15.74	17.5	2
5	64QAM	1	12	15.72	15.84	15.69	15.50		
5	64QAM	1	24	15.59	15.70	15.69	15.53		
5	64QAM	12	0	14.76	14.90	14.68	14.63	16.5	3
5	64QAM	12	7	14.75	14.66	14.78	14.85		
5	64QAM	12	13	14.55	14.74	14.73	14.79		
5	64QAM	25	0	14.80	14.65	14.74	14.70		
5	256QAM	1	0	12.75	12.57	12.78	12.64	14.5	5
5	256QAM	1	12	12.70	12.81	12.68	12.61		
5	256QAM	1	24	12.60	12.57	12.56	12.65		
5	256QAM	12	0	12.81	12.77	12.83	12.62	14.5	5
5	256QAM	12	7	12.73	12.73	12.62	12.77		
5	256QAM	12	13	12.76	12.70	12.67	12.70		
5	256QAM	25	0	12.84	12.69	12.79	12.75		

Band 42 Ant13 Default

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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.83	24.85	24.71	25.7	0
20	QPSK	1	49	24.78	24.77	24.82		
20	QPSK	1	99	24.74	24.82	24.62		
20	QPSK	50	0	23.77	23.97	23.82	24.7	1
20	QPSK	50	24	23.76	23.90	23.94		
20	QPSK	50	50	23.76	23.86	23.82		
20	QPSK	100	0	23.75	23.88	23.87		
20	16QAM	1	0	24.06	23.93	23.96	24.7	1
20	16QAM	1	49	23.93	23.81	23.67		
20	16QAM	1	99	23.82	23.83	23.72		
20	16QAM	50	0	23.09	22.94	22.88	23.7	2
20	16QAM	50	24	22.89	22.90	22.77		
20	16QAM	50	50	22.82	22.84	22.76		
20	16QAM	100	0	22.96	22.91	23.03		
20	64QAM	1	0	22.79	22.85	22.73	23.7	2
20	64QAM	1	49	22.77	22.77	22.88		
20	64QAM	1	99	22.79	22.67	22.58		
20	64QAM	50	0	22.03	21.91	21.92	22.7	3
20	64QAM	50	24	21.90	21.93	21.94		
20	64QAM	50	50	21.98	21.86	21.71		
20	64QAM	100	0	21.97	21.87	21.74		
20	256QAM	1	0	19.75	19.86	19.68	20.7	5
20	256QAM	1	49	19.83	19.81	19.78		
20	256QAM	1	99	19.72	19.85	19.58		
20	256QAM	50	0	19.70	19.90	19.89	20.7	5
20	256QAM	50	24	19.86	19.96	19.88		
20	256QAM	50	50	19.68	19.78	19.72		
20	256QAM	100	0	19.80	19.89	19.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.61	24.69	24.57	25.7	0
15	QPSK	1	37	24.75	24.70	24.71		
15	QPSK	1	74	24.64	24.83	24.44		
15	QPSK	36	0	23.55	23.86	23.85	24.7	1
15	QPSK	36	20	23.74	23.83	23.81		
15	QPSK	36	39	23.53	23.77	23.63		
15	QPSK	75	0	23.65	23.82	23.76		
15	16QAM	1	0	23.93	23.93	23.76	24.7	1
15	16QAM	1	37	23.83	23.74	23.69		
15	16QAM	1	74	23.75	23.72	23.76		
15	16QAM	36	0	22.94	22.81	22.75	23.7	2
15	16QAM	36	20	22.68	22.76	22.62		
15	16QAM	36	39	22.58	22.66	22.56		
15	16QAM	75	0	22.89	22.79	22.85		
15	64QAM	1	0	22.75	22.65	22.60	23.7	2
15	64QAM	1	37	22.82	22.79	22.92		
15	64QAM	1	74	22.79	22.63	22.55		
15	64QAM	36	0	21.82	21.85	21.97	22.7	3
15	64QAM	36	20	21.72	21.87	21.92		
15	64QAM	36	39	21.96	21.69	21.63		
15	64QAM	75	0	21.73	21.70	21.61		
15	256QAM	1	0	19.68	19.77	19.66	20.7	5
15	256QAM	1	37	19.74	19.58	19.62		
15	256QAM	1	74	19.67	19.89	19.53		
15	256QAM	36	0	19.58	19.93	19.73	20.7	5
15	256QAM	36	20	19.80	19.90	19.86		
15	256QAM	36	39	19.54	19.71	19.59		
15	256QAM	75	0	19.74	19.89	19.71		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.64	24.67	24.62	25.7	0
10	QPSK	1	25	24.80	24.67	24.83		
10	QPSK	1	49	24.76	24.64	24.46		
10	QPSK	25	0	23.82	23.75	23.63	24.7	1
10	QPSK	25	12	23.63	23.75	24.00		
10	QPSK	25	25	23.75	23.65	23.62		
10	QPSK	50	0	23.52	23.85	23.71		
10	16QAM	1	0	23.94	23.79	23.78	24.7	1
10	16QAM	1	25	23.84	23.61	23.60		
10	16QAM	1	49	23.61	23.59	23.59		
10	16QAM	25	0	22.72	22.85	22.67	23.7	2
10	16QAM	25	12	22.76	22.73	22.71		
10	16QAM	25	25	22.73	22.74	22.53		
10	16QAM	50	0	22.93	22.76	22.89		
10	64QAM	1	0	22.70	22.79	22.64	23.7	2
10	64QAM	1	25	22.57	22.57	22.82		
10	64QAM	1	49	22.74	22.49	22.45		
10	64QAM	25	0	22.01	21.89	21.83	22.7	3
10	64QAM	25	12	21.84	21.89	21.98		
10	64QAM	25	25	22.01	21.68	21.64		
10	64QAM	50	0	21.88	21.70	21.64		
10	256QAM	1	0	19.76	19.73	19.69	20.7	5
10	256QAM	1	25	19.88	19.55	19.74		
10	256QAM	1	49	19.84	19.72	19.55		
10	256QAM	25	0	19.76	19.73	19.68	20.7	5
10	256QAM	25	12	19.73	19.77	19.91		
10	256QAM	25	25	19.74	19.67	19.66		
10	256QAM	50	0	19.47	19.78	19.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.79	24.79	24.49	25.7	0
5	QPSK	1	12	24.66	24.73	24.61		
5	QPSK	1	24	24.60	24.67	24.54		
5	QPSK	12	0	23.69	23.72	23.75	24.7	1
5	QPSK	12	7	23.76	23.79	23.84		
5	QPSK	12	13	23.54	23.72	23.61		
5	QPSK	25	0	23.59	23.81	23.72		
5	16QAM	1	0	23.83	23.90	24.00	24.7	1
5	16QAM	1	12	23.96	23.76	23.63		
5	16QAM	1	24	23.71	23.67	23.61		
5	16QAM	12	0	22.88	22.79	22.72	23.7	2
5	16QAM	12	7	22.76	22.68	22.64		
5	16QAM	12	13	22.71	22.86	22.62		
5	16QAM	25	0	22.88	22.88	22.90		
5	64QAM	1	0	22.65	22.70	22.55	23.7	2
5	64QAM	1	12	22.78	22.59	22.63		
5	64QAM	1	24	22.60	22.71	22.53		
5	64QAM	12	0	21.89	21.90	21.85	22.7	3
5	64QAM	12	7	21.77	21.84	21.98		
5	64QAM	12	13	22.02	21.70	21.65		
5	64QAM	25	0	21.85	21.92	21.78		
5	256QAM	1	0	19.69	19.75	19.44	20.7	5
5	256QAM	1	12	19.76	19.76	19.67		
5	256QAM	1	24	19.71	19.76	19.46		
5	256QAM	12	0	19.74	19.61	19.68	20.7	5
5	256QAM	12	7	19.71	19.84	19.74		
5	256QAM	12	13	19.59	19.84	19.50		
5	256QAM	25	0	19.52	19.75	19.69		

Band 48 Ant13 Default

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.27	22.38	22.42	22.26	23.5	0
20	QPSK	1	49	22.28	22.36	22.30	22.24		
20	QPSK	1	99	22.36	22.33	22.18	22.33		
20	QPSK	50	0	21.23	21.42	21.47	21.38	22.5	1
20	QPSK	50	24	21.29	21.33	21.45	21.31		
20	QPSK	50	50	21.22	21.41	21.23	21.46		
20	QPSK	100	0	21.37	21.51	21.63	21.35		
20	16QAM	1	0	21.29	21.17	21.30	21.41	22.5	1
20	16QAM	1	49	21.23	21.27	21.15	21.27		
20	16QAM	1	99	21.31	21.09	21.33	21.09		
20	16QAM	50	0	20.41	20.29	20.38	20.30	21.5	2
20	16QAM	50	24	20.48	20.31	20.40	20.29		
20	16QAM	50	50	20.42	20.42	20.26	20.36		
20	16QAM	100	0	20.51	20.41	20.28	20.50		
20	64QAM	1	0	20.31	20.31	20.24	20.07	21.5	2
20	64QAM	1	49	20.21	20.09	20.15	20.35		
20	64QAM	1	99	20.23	20.44	20.45	20.23		
20	64QAM	50	0	19.29	19.39	19.22	19.23	20.5	3
20	64QAM	50	24	19.29	19.48	19.43	19.36		
20	64QAM	50	50	19.29	19.47	19.46	19.44		
20	64QAM	100	0	19.30	19.52	19.33	19.57		
20	256QAM	1	0	17.24	17.30	17.15	17.33	18.5	5
20	256QAM	1	49	17.38	17.31	17.28	17.22		
20	256QAM	1	99	17.43	17.45	17.22	17.27		
20	256QAM	50	0	17.30	17.57	17.31	17.46	18.5	5
20	256QAM	50	24	17.25	17.40	17.50	17.23		
20	256QAM	50	50	17.20	17.37	17.22	17.44		
20	256QAM	100	0	17.29	17.60	17.37	17.37		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.14	22.06	22.08	22.30	23.5	0
15	QPSK	1	37	22.07	22.15	22.09	22.23		
15	QPSK	1	74	22.35	22.23	21.99	22.13		
15	QPSK	36	0	21.06	21.04	21.29	21.31	22.5	1
15	QPSK	36	20	21.08	21.14	21.28	21.08		
15	QPSK	36	39	21.17	21.34	21.02	21.27		
15	QPSK	75	0	21.39	21.20	21.37	21.15		
15	16QAM	1	0	21.10	21.16	21.27	21.27	22.5	1
15	16QAM	1	37	21.22	21.30	21.11	21.31		
15	16QAM	1	74	21.22	20.97	21.19	21.05		
15	16QAM	36	0	20.44	20.21	20.17	20.10	21.5	2
15	16QAM	36	20	20.42	20.06	20.44	20.32		
15	16QAM	36	39	20.39	20.27	20.12	20.39		
15	16QAM	75	0	20.27	20.31	20.14	20.43		
15	64QAM	1	0	20.31	20.25	20.23	20.17	21.5	2
15	64QAM	1	37	20.23	19.96	20.15	20.35		
15	64QAM	1	74	20.14	20.33	20.33	20.24		
15	64QAM	36	0	19.17	19.19	19.22	19.06	20.5	3
15	64QAM	36	20	19.08	19.38	19.25	19.12		
15	64QAM	36	39	19.16	19.31	19.40	19.34		
15	64QAM	75	0	19.09	19.30	19.11	19.59		
15	256QAM	1	0	17.11	17.05	17.02	17.23	18.5	5
15	256QAM	1	37	17.12	17.09	17.09	17.27		
15	256QAM	1	74	17.24	17.34	17.04	17.16		
15	256QAM	36	0	17.15	17.14	17.31	17.30	18.5	5
15	256QAM	36	20	17.01	17.10	17.21	17.10		
15	256QAM	36	39	17.16	17.33	16.96	17.33		
15	256QAM	75	0	17.30	17.17	17.44	17.19		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.17	22.06	22.09	22.25	23.5	0
10	QPSK	1	25	22.09	22.30	22.07	22.23		
10	QPSK	1	49	22.23	22.35	22.06	22.15		
10	QPSK	25	0	21.06	21.02	21.32	21.36	22.5	1
10	QPSK	25	12	21.04	21.27	21.35	21.11		
10	QPSK	25	25	21.17	21.31	21.18	21.37		
10	QPSK	50	0	21.50	21.29	21.26	21.27		
10	16QAM	1	0	21.24	20.92	21.21	21.22	22.5	1
10	16QAM	1	25	21.00	21.03	21.04	21.20		
10	16QAM	1	49	21.07	21.06	21.17	20.92		
10	16QAM	25	0	20.17	20.22	20.29	20.23	21.5	2
10	16QAM	25	12	20.31	20.07	20.35	20.30		
10	16QAM	25	25	20.31	20.25	20.11	20.37		
10	16QAM	50	0	20.34	20.45	20.32	20.36		
10	64QAM	1	0	20.24	20.07	20.21	19.86	21.5	2
10	64QAM	1	25	20.21	19.86	19.99	20.19		
10	64QAM	1	49	20.12	20.13	20.16	20.06		
10	64QAM	25	0	19.33	19.36	19.14	19.27	20.5	3
10	64QAM	25	12	19.08	19.23	19.38	19.25		
10	64QAM	25	25	19.27	19.42	19.21	19.42		
10	64QAM	50	0	19.22	19.41	19.29	19.51		
10	256QAM	1	0	17.25	17.14	17.13	17.17	18.5	5
10	256QAM	1	25	17.00	17.35	17.05	17.22		
10	256QAM	1	49	17.28	17.26	16.96	17.16		
10	256QAM	25	0	17.13	17.08	17.37	17.36	18.5	5
10	256QAM	25	12	17.10	17.30	17.39	17.17		
10	256QAM	25	25	17.17	17.30	17.15	17.29		
10	256QAM	50	0	17.48	17.39	17.27	17.33		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.26	22.19	22.13	22.27	23.5	0
5	QPSK	1	12	22.29	22.17	22.07	22.03		
5	QPSK	1	24	22.25	22.10	22.19	22.11		
5	QPSK	12	0	21.17	21.15	21.14	21.30	22.5	1
5	QPSK	12	7	21.04	21.33	21.36	21.29		
5	QPSK	12	13	21.24	21.38	21.10	21.31		
5	QPSK	25	0	21.42	21.20	21.26	21.33		
5	16QAM	1	0	21.19	21.09	21.10	21.19	22.5	1
5	16QAM	1	12	21.11	21.03	21.09	21.25		
5	16QAM	1	24	21.24	20.92	21.15	21.10		
5	16QAM	12	0	20.30	20.04	20.40	20.23	21.5	2
5	16QAM	12	7	20.26	20.35	20.42	20.07		
5	16QAM	12	13	20.28	20.27	20.03	20.18		
5	16QAM	25	0	20.48	20.38	20.20	20.47		
5	64QAM	1	0	20.24	20.28	20.16	19.96	21.5	2
5	64QAM	1	12	19.97	19.89	20.01	20.25		
5	64QAM	1	24	20.00	20.25	20.24	20.08		
5	64QAM	12	0	19.13	19.32	19.18	19.14	20.5	3
5	64QAM	12	7	19.33	19.26	19.31	19.40		
5	64QAM	12	13	19.10	19.39	19.29	19.23		
5	64QAM	25	0	19.24	19.31	19.29	19.61		
5	256QAM	1	0	17.30	17.18	17.11	17.39	18.5	5
5	256QAM	1	12	17.24	17.28	17.07	17.13		
5	256QAM	1	24	17.23	17.19	17.13	17.21		
5	256QAM	12	0	17.29	17.27	17.25	17.31	18.5	5
5	256QAM	12	7	17.11	17.24	17.39	17.34		
5	256QAM	12	13	17.35	17.49	17.18	17.23		
5	256QAM	25	0	17.41	17.26	17.27	17.38		

Reduced power level for WWAN

GSM850 Ant0 DSI1

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.86	32.88	33.50	23.72	23.86	23.88	24.50
GPRS 1 Tx slot	32.81	32.87	32.97	33.50	23.81	23.87	23.97	24.50
GPRS 2 Tx slots	29.62	29.40	29.66	30.50	23.62	23.40	23.66	24.50
GPRS 3 Tx slots	27.75	27.77	27.82	28.50	23.49	23.51	23.56	24.24
GPRS 4 Tx slots	26.30	26.58	26.57	27.50	23.30	23.58	23.57	24.50
EDGE 1 Tx slot	26.71	26.70	27.05	27.50	17.71	17.70	18.05	18.50
EDGE 2 Tx slots	23.68	23.63	23.55	24.50	17.68	17.63	17.55	18.50
EDGE 3 Tx slots	21.74	22.01	22.03	23.00	17.48	17.75	17.77	18.74
EDGE 4 Tx slots	20.32	20.64	20.62	21.50	17.32	17.64	17.62	18.50

WCDMA V Ant0 DSI1

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.20	24.31	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.34	24.27	25.00
3GPP Rel 6	HSDPA Subtest-1	23.38	23.19	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.38	23.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.83	22.69	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.77	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.25	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.10	23.36	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.89	22.86	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.84	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.09	23.29	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.36	21.22	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.18	22.53	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.05	21.24	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.36	23.42	24.00

Band 4 Ant0 DSI1

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	22.96	23.04	22.79	24.5	0
20	QPSK	1	49	22.88	22.83	22.94		
20	QPSK	1	99	22.71	22.84	22.80		
20	QPSK	50	0	22.00	22.10	21.85	23.5	1
20	QPSK	50	24	21.96	21.89	21.97		
20	QPSK	50	50	22.04	21.92	21.88		
20	QPSK	100	0	21.91	22.08	21.76		
20	16QAM	1	0	22.17	22.24	22.09	23.5	1
20	16QAM	1	49	22.11	22.17	22.27		
20	16QAM	1	99	22.20	22.32	22.03		
20	16QAM	50	0	20.80	20.86	20.90	22.5	2
20	16QAM	50	24	20.86	20.85	20.98		
20	16QAM	50	50	20.84	20.82	20.81		
20	16QAM	100	0	20.84	20.88	20.84		
20	64QAM	1	0	20.93	21.09	20.99	22.5	2
20	64QAM	1	49	20.96	20.89	20.90		
20	64QAM	1	99	20.71	20.74	21.02		
20	64QAM	50	0	19.82	19.96	19.91	21.5	3
20	64QAM	50	24	19.84	19.85	20.02		
20	64QAM	50	50	19.75	19.78	19.91		
20	64QAM	100	0	19.71	19.93	19.78		
20	256QAM	1	0	17.99	18.11	17.86	19.5	5
20	256QAM	1	49	17.82	17.89	18.03		
20	256QAM	1	99	17.82	17.73	17.88		
20	256QAM	50	0	17.95	17.77	17.94	19.5	5
20	256QAM	50	24	18.12	18.00	17.98		
20	256QAM	50	50	18.05	17.84	17.97		
20	256QAM	100	0	18.03	17.86	17.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	22.82	22.64	24.5	0
15	QPSK	1	37	22.97	22.76	22.88		
15	QPSK	1	74	22.64	22.72	22.73		
15	QPSK	36	0	22.11	22.06	21.94	23.5	1
15	QPSK	36	20	22.29	22.01	22.12		
15	QPSK	36	39	22.10	22.08	21.96		
15	QPSK	75	0	22.14	22.01	21.88		
15	16QAM	1	0	22.09	22.17	22.00	23.5	1
15	16QAM	1	37	21.98	22.06	22.17		
15	16QAM	1	74	22.16	22.21	21.93		
15	16QAM	36	0	20.75	20.83	20.77	22.5	2
15	16QAM	36	20	20.74	20.82	20.87		
15	16QAM	36	39	20.77	20.68	20.66		
15	16QAM	75	0	20.75	20.85	20.73		
15	64QAM	1	0	20.78	20.97	20.84	22.5	2
15	64QAM	1	37	20.91	20.75	20.84		
15	64QAM	1	74	20.65	20.68	20.87		
15	64QAM	36	0	19.74	19.93	19.76	21.5	3
15	64QAM	36	20	19.69	19.77	19.99		
15	64QAM	36	39	19.62	19.68	19.89		
15	64QAM	75	0	19.67	19.88	19.66		
15	256QAM	1	0	17.91	17.82	17.64	19.5	5
15	256QAM	1	37	17.97	17.76	17.88		
15	256QAM	1	74	17.64	17.72	17.73		
15	256QAM	36	0	17.91	17.86	17.74	19.5	5
15	256QAM	36	20	18.09	17.81	17.92		
15	256QAM	36	39	17.90	17.88	17.76		
15	256QAM	75	0	17.94	17.81	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	22.79	22.68	24.5	0
10	QPSK	1	25	22.87	22.87	22.99		
10	QPSK	1	49	22.72	22.80	22.83		
10	QPSK	25	0	22.02	21.97	21.73	23.5	1
10	QPSK	25	12	22.03	21.91	22.02		
10	QPSK	25	25	21.98	21.85	21.82		
10	QPSK	50	0	21.92	21.86	21.56		
10	16QAM	1	0	22.15	22.08	21.89	23.5	1
10	16QAM	1	25	21.99	22.10	22.15		
10	16QAM	1	49	22.15	22.14	21.90		
10	16QAM	25	0	20.68	20.74	20.68	22.5	2
10	16QAM	25	12	20.79	20.77	20.92		
10	16QAM	25	25	20.73	20.71	20.54		
10	16QAM	50	0	20.66	20.85	20.61		
10	64QAM	1	0	20.76	20.98	20.72	22.5	2
10	64QAM	1	25	20.84	20.66	20.89		
10	64QAM	1	49	20.75	20.79	20.82		
10	64QAM	25	0	19.82	20.02	19.81	21.5	3
10	64QAM	25	12	19.62	19.87	19.95		
10	64QAM	25	25	19.56	19.69	19.81		
10	64QAM	50	0	19.79	19.99	19.68		
10	256QAM	1	0	17.93	17.79	17.60	19.5	5
10	256QAM	1	25	17.89	17.74	17.79		
10	256QAM	1	49	17.56	17.68	17.64		
10	256QAM	25	0	17.89	17.95	17.65	19.5	5
10	256QAM	25	12	17.96	17.80	17.92		
10	256QAM	25	25	17.82	17.97	17.72		
10	256QAM	50	0	18.03	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	22.85	22.67	24.5	0
5	QPSK	1	12	22.99	22.72	22.83		
5	QPSK	1	24	22.69	22.75	22.71		
5	QPSK	12	0	21.86	21.76	21.71	23.5	1
5	QPSK	12	7	22.07	21.84	21.86		
5	QPSK	12	13	21.97	21.78	21.78		
5	QPSK	25	0	22.01	21.77	21.71		
5	16QAM	1	0	22.05	22.15	22.04	23.5	1
5	16QAM	1	12	21.96	22.05	22.17		
5	16QAM	1	24	22.05	22.24	21.92		
5	16QAM	12	0	20.75	20.70	20.77	22.5	2
5	16QAM	12	7	20.72	20.74	20.92		
5	16QAM	12	13	20.76	20.79	20.66		
5	16QAM	25	0	20.79	20.79	20.75		
5	64QAM	1	0	20.85	21.05	20.88	22.5	2
5	64QAM	1	12	20.94	20.79	20.85		
5	64QAM	1	24	20.74	20.72	20.95		
5	64QAM	12	0	19.70	19.83	19.80	21.5	3
5	64QAM	12	7	19.70	19.83	19.89		
5	64QAM	12	13	19.69	19.66	19.86		
5	64QAM	25	0	19.63	19.83	19.69		
5	256QAM	1	0	18.00	17.96	17.74	19.5	5
5	256QAM	1	12	17.88	17.83	17.83		
5	256QAM	1	24	17.78	17.66	17.71		
5	256QAM	12	0	17.78	17.71	17.70	19.5	5
5	256QAM	12	7	18.02	17.79	17.95		
5	256QAM	12	13	18.07	17.76	17.78		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.90	22.82	22.76	24.5	0
3	QPSK	1	8	22.98	22.68	22.78		
3	QPSK	1	14	22.63	22.76	22.71		
3	QPSK	8	0	21.97	21.80	21.79	23.5	1
3	QPSK	8	4	22.02	21.80	21.93		
3	QPSK	8	7	21.90	21.88	21.85		
3	QPSK	15	0	22.05	21.86	21.66		
3	16QAM	1	0	22.04	22.18	21.97	23.5	1
3	16QAM	1	8	21.97	22.12	22.12		
3	16QAM	1	14	22.05	22.22	22.00		
3	16QAM	8	0	20.77	20.74	20.81	22.5	2
3	16QAM	8	4	20.83	20.78	20.85		
3	16QAM	8	7	20.80	20.79	20.78		
3	16QAM	15	0	20.70	20.80	20.71		
3	64QAM	1	0	20.89	20.94	20.84	22.5	2
3	64QAM	1	8	20.89	20.82	20.88		
3	64QAM	1	14	20.55	20.71	20.94		
3	64QAM	8	0	19.73	19.81	19.86	21.5	3
3	64QAM	8	4	19.70	19.82	19.91		
3	64QAM	8	7	19.61	19.76	19.88		
3	64QAM	15	0	19.64	19.80	19.66		
3	256QAM	1	0	17.80	17.87	17.73	19.5	5
3	256QAM	1	8	17.93	17.59	17.73		
3	256QAM	1	14	17.73	17.68	17.66		
3	256QAM	8	0	18.03	17.74	17.84	19.5	5
3	256QAM	8	4	17.97	17.88	17.82		
3	256QAM	8	7	17.85	17.84	17.83		
3	256QAM	15	0	18.02	17.83	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.76	22.63	24.5	0
1.4	QPSK	1	3	22.90	22.76	22.82		
1.4	QPSK	1	5	22.61	22.73	22.77		
1.4	QPSK	3	0	22.94	22.79	22.82		
1.4	QPSK	3	1	22.99	22.78	22.82		
1.4	QPSK	3	3	22.99	22.79	22.72		
1.4	QPSK	6	0	21.94	21.86	21.62	23.5	1
1.4	16QAM	1	0	21.79	21.80	21.69	23.5	1
1.4	16QAM	1	3	21.70	21.69	21.79		
1.4	16QAM	1	5	21.80	21.86	21.67		
1.4	16QAM	3	0	21.65	21.82	21.84		
1.4	16QAM	3	1	21.71	21.74	21.90		
1.4	16QAM	3	3	21.81	21.74	21.74		
1.4	16QAM	6	0	20.74	20.73	20.78	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.51	22.5	2
1.4	64QAM	1	3	20.68	20.67	20.72		
1.4	64QAM	1	5	20.63	20.76	20.67		
1.4	64QAM	3	0	20.72	20.82	20.76		
1.4	64QAM	3	1	20.80	20.82	20.97		
1.4	64QAM	3	3	20.71	20.73	20.84		
1.4	64QAM	6	0	19.57	19.88	19.75	21.5	3
1.4	256QAM	1	0	17.89	17.65	17.62	19.5	5
1.4	256QAM	1	3	17.94	17.76	17.71		
1.4	256QAM	1	5	17.61	17.64	17.78		
1.4	256QAM	3	0	17.72	17.70	17.76		
1.4	256QAM	3	1	17.81	17.72	17.72		
1.4	256QAM	3	3	17.87	17.71	17.71		
1.4	256QAM	6	0	17.86	17.82	17.71	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.17	24.24	24.20	25.5	0
10	QPSK	1	25	24.12	24.20	24.04		
10	QPSK	1	49	23.88	24.10	24.06		
10	QPSK	25	0	23.23	23.32	23.17	24.5	1
10	QPSK	25	12	23.31	23.13	23.23		
10	QPSK	25	25	23.27	23.26	23.24		
10	QPSK	50	0	23.22	23.26	23.21		
10	16QAM	1	0	23.58	23.68	23.56	24.5	1
10	16QAM	1	25	23.52	23.45	23.30		
10	16QAM	1	49	23.44	23.57	23.52		
10	16QAM	25	0	22.24	22.23	22.10	23.5	2
10	16QAM	25	12	22.24	22.18	22.24		
10	16QAM	25	25	22.26	22.14	22.27		
10	16QAM	50	0	22.28	22.20	22.31		
10	64QAM	1	0	22.37	22.59	22.39	23.5	2
10	64QAM	1	25	22.64	22.37	22.46		
10	64QAM	1	49	22.54	22.57	22.44		
10	64QAM	25	0	21.28	21.22	21.13	22.5	3
10	64QAM	25	12	21.33	21.10	21.35		
10	64QAM	25	25	21.33	21.21	21.32		
10	64QAM	50	0	21.21	21.12	21.23		
10	256QAM	1	0	19.14	19.17	19.22	20.5	5
10	256QAM	1	25	19.19	19.27	19.11		
10	256QAM	1	49	18.94	19.20	19.11		
10	256QAM	25	0	19.22	19.31	19.11	20.5	5
10	256QAM	25	12	19.38	19.04	19.28		
10	256QAM	25	25	19.29	19.18	19.33		
10	256QAM	50	0	19.29	19.34	19.15		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.13	24.07	24.05	25.5	0
5	QPSK	1	12	24.11	24.10	23.91		
5	QPSK	1	24	23.77	23.94	23.97		
5	QPSK	12	0	23.08	23.17	23.12	24.5	1
5	QPSK	12	7	23.25	23.04	23.16		
5	QPSK	12	13	23.18	23.18	23.12		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.44	23.56	23.42	24.5	1
5	16QAM	1	12	23.47	23.34	23.25		
5	16QAM	1	24	23.29	23.53	23.44		
5	16QAM	12	0	22.10	22.09	22.01	23.5	2
5	16QAM	12	7	22.18	22.14	22.10		
5	16QAM	12	13	22.19	22.09	22.13		
5	16QAM	25	0	22.18	22.06	22.25		
5	64QAM	1	0	22.30	22.51	22.27	23.5	2
5	64QAM	1	12	22.52	22.29	22.32		
5	64QAM	1	24	22.45	22.48	22.33		
5	64QAM	12	0	21.18	21.14	21.07	22.5	3
5	64QAM	12	7	21.18	21.05	21.29		
5	64QAM	12	13	21.26	21.05	21.27		
5	64QAM	25	0	21.14	21.05	21.13		
5	256QAM	1	0	19.17	19.14	19.05	20.5	5
5	256QAM	1	12	19.04	19.19	18.88		
5	256QAM	1	24	18.80	18.86	19.01		
5	256QAM	12	0	19.02	19.10	19.20	20.5	5
5	256QAM	12	7	19.28	18.98	19.23		
5	256QAM	12	13	19.28	19.27	19.09		
5	256QAM	25	0	19.04	19.14	19.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.01	24.05	24.07	25.5	0
3	QPSK	1	8	24.14	24.06	23.96		
3	QPSK	1	14	23.75	24.00	23.91		
3	QPSK	8	0	23.17	23.19	23.09	24.5	1
3	QPSK	8	4	23.24	22.97	23.15		
3	QPSK	8	7	23.18	23.17	23.19		
3	QPSK	15	0	23.11	23.05	23.19		
3	16QAM	1	0	23.51	23.58	23.49	24.5	1
3	16QAM	1	8	23.39	23.32	23.22		
3	16QAM	1	14	23.33	23.52	23.45		
3	16QAM	8	0	22.09	22.16	21.96	23.5	2
3	16QAM	8	4	22.14	22.13	22.16		
3	16QAM	8	7	22.12	22.09	22.18		
3	16QAM	15	0	22.15	22.08	22.22		
3	64QAM	1	0	22.32	22.48	22.24	23.5	2
3	64QAM	1	8	22.59	22.26	22.32		
3	64QAM	1	14	22.45	22.49	22.39		
3	64QAM	8	0	21.17	21.11	21.06	22.5	3
3	64QAM	8	4	21.24	21.02	21.31		
3	64QAM	8	7	21.22	21.10	21.24		
3	64QAM	15	0	21.14	21.07	21.17		
3	256QAM	1	0	19.10	19.13	19.01	20.5	5
3	256QAM	1	8	19.03	19.01	19.08		
3	256QAM	1	14	18.74	18.98	18.95		
3	256QAM	8	0	19.10	19.19	19.19	20.5	5
3	256QAM	8	4	19.18	18.85	19.09		
3	256QAM	8	7	19.20	19.13	19.15		
3	256QAM	15	0	19.03	18.95	19.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.07	23.97	24.06	25.5	0
1.4	QPSK	1	3	24.14	24.06	23.99		
1.4	QPSK	1	5	23.85	23.98	23.94		
1.4	QPSK	3	0	23.96	24.00	23.91		
1.4	QPSK	3	1	23.98	23.78	23.91		
1.4	QPSK	3	3	24.01	23.99	23.95		
1.4	QPSK	6	0	23.07	23.08	23.13	24.5	1
1.4	16QAM	1	0	23.46	23.60	23.49	24.5	1
1.4	16QAM	1	3	23.41	23.39	23.25		
1.4	16QAM	1	5	23.40	23.49	23.47		
1.4	16QAM	3	0	22.90	22.96	22.79		
1.4	16QAM	3	1	22.96	22.87	22.95		
1.4	16QAM	3	3	22.99	22.88	22.96		
1.4	16QAM	6	0	22.24	22.07	22.26	23.5	2
1.4	64QAM	1	0	22.32	22.46	22.31	23.5	2
1.4	64QAM	1	3	22.53	22.24	22.38		
1.4	64QAM	1	5	22.46	22.47	22.40		
1.4	64QAM	3	0	22.00	21.90	21.83		
1.4	64QAM	3	1	22.02	21.84	22.05		
1.4	64QAM	3	3	22.00	21.88	22.04		
1.4	64QAM	6	0	21.15	21.08	21.12	22.5	3
1.4	256QAM	1	0	19.15	19.02	19.11	20.5	5
1.4	256QAM	1	3	19.18	18.98	18.90		
1.4	256QAM	1	5	18.94	18.97	18.90		
1.4	256QAM	3	0	19.19	19.13	19.17		
1.4	256QAM	3	1	19.07	18.95	19.15		
1.4	256QAM	3	3	19.31	19.24	19.24		
1.4	256QAM	6	0	19.18	18.97	19.25	20.5	5

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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	22.99	23.21	22.93	24.5	0
20	QPSK	1	49	23.06	22.97	23.12		
20	QPSK	1	99	22.95	23.01	23.19		
20	QPSK	50	0	22.13	22.19	21.90	23.5	1
20	QPSK	50	24	22.16	22.05	21.96		
20	QPSK	50	50	21.98	22.09	22.04		
20	QPSK	100	0	21.95	22.13	21.90		
20	16QAM	1	0	22.25	22.32	22.31	23.5	1
20	16QAM	1	49	22.35	22.30	22.49		
20	16QAM	1	99	22.50	22.42	22.11		
20	16QAM	50	0	21.06	20.97	21.01	22.5	2
20	16QAM	50	24	21.20	21.03	20.95		
20	16QAM	50	50	21.19	21.12	21.08		
20	16QAM	100	0	21.11	21.09	21.01		
20	64QAM	1	0	20.89	20.86	20.79	22.5	2
20	64QAM	1	49	20.97	20.92	20.87		
20	64QAM	1	99	20.99	20.98	20.89		
20	64QAM	50	0	20.14	19.96	19.92	21.5	3
20	64QAM	50	24	20.20	20.13	20.03		
20	64QAM	50	50	20.10	20.07	20.08		
20	64QAM	100	0	20.13	19.96	20.01		
20	256QAM	1	0	18.06	18.16	17.91	19.5	5
20	256QAM	1	49	18.08	18.06	18.07		
20	256QAM	1	99	18.06	17.92	18.25		
20	256QAM	50	0	18.23	18.14	17.91	19.5	5
20	256QAM	50	24	18.25	17.95	17.96		
20	256QAM	50	50	17.98	18.11	17.96		
20	256QAM	100	0	18.01	18.06	17.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.85	22.89	22.88	24.5	0
15	QPSK	1	37	23.00	22.87	22.97		
15	QPSK	1	74	23.06	22.98	23.10		
15	QPSK	36	0	22.07	21.75	21.83	23.5	1
15	QPSK	36	20	22.10	21.95	21.86		
15	QPSK	36	39	22.07	22.02	21.91		
15	QPSK	75	0	22.03	21.80	21.86		
15	16QAM	1	0	22.18	22.30	22.18	23.5	1
15	16QAM	1	37	22.21	22.19	22.31		
15	16QAM	1	74	22.24	22.33	21.98		
15	16QAM	36	0	20.98	20.83	20.98	22.5	2
15	16QAM	36	20	21.15	20.99	20.85		
15	16QAM	36	39	21.09	21.08	21.06		
15	16QAM	75	0	21.05	21.03	20.86		
15	64QAM	1	0	20.75	20.79	20.69	22.5	2
15	64QAM	1	37	20.83	20.80	20.78		
15	64QAM	1	74	20.86	20.85	20.76		
15	64QAM	36	0	20.06	19.92	19.79	21.5	3
15	64QAM	36	20	20.14	20.04	19.92		
15	64QAM	36	39	20.06	19.95	20.05		
15	64QAM	75	0	20.08	19.88	19.95		
15	256QAM	1	0	17.85	17.80	17.78	19.5	5
15	256QAM	1	37	17.90	17.94	17.98		
15	256QAM	1	74	18.06	18.05	18.02		
15	256QAM	36	0	18.03	17.69	17.80	19.5	5
15	256QAM	36	20	18.00	17.90	17.86		
15	256QAM	36	39	18.03	17.98	17.81		
15	256QAM	75	0	17.93	17.69	17.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.88	22.88	22.80	24.5	0
10	QPSK	1	25	23.04	22.95	23.04		
10	QPSK	1	49	23.13	22.96	23.12		
10	QPSK	25	0	22.13	21.82	21.81	23.5	1
10	QPSK	25	12	22.12	22.00	21.83		
10	QPSK	25	25	22.13	22.04	21.89		
10	QPSK	50	0	22.07	21.79	21.83		
10	16QAM	1	0	22.19	22.25	22.22	23.5	1
10	16QAM	1	25	22.27	22.21	22.37		
10	16QAM	1	49	22.37	22.32	22.05		
10	16QAM	25	0	20.93	20.91	20.93	22.5	2
10	16QAM	25	12	21.16	20.99	20.80		
10	16QAM	25	25	21.12	21.09	20.99		
10	16QAM	50	0	21.04	20.97	20.88		
10	64QAM	1	0	20.79	20.76	20.76	22.5	2
10	64QAM	1	25	20.86	20.84	20.75		
10	64QAM	1	49	20.86	20.90	20.77		
10	64QAM	25	0	20.02	19.87	19.88	21.5	3
10	64QAM	25	12	20.15	20.05	19.93		
10	64QAM	25	25	20.00	19.98	19.99		
10	64QAM	50	0	20.09	19.92	19.95		
10	256QAM	1	0	17.80	17.85	17.84	19.5	5
10	256QAM	1	25	18.07	17.97	18.07		
10	256QAM	1	49	18.12	17.85	18.09		
10	256QAM	25	0	18.02	17.80	17.92	19.5	5
10	256QAM	25	12	18.17	17.88	17.93		
10	256QAM	25	25	18.09	17.98	17.92		
10	256QAM	50	0	17.98	17.74	17.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.91	22.87	22.79	24.5	0
5	QPSK	1	12	22.91	22.89	23.05		
5	QPSK	1	24	23.06	22.92	23.05		
5	QPSK	12	0	22.13	21.78	21.80	23.5	1
5	QPSK	12	7	22.09	22.00	21.88		
5	QPSK	12	13	22.17	21.94	21.98		
5	QPSK	25	0	22.04	21.80	21.80		
5	16QAM	1	0	22.16	22.27	22.20	23.5	1
5	16QAM	1	12	22.28	22.23	22.31		
5	16QAM	1	24	22.46	22.39	22.21		
5	16QAM	12	0	21.02	20.87	20.85	22.5	2
5	16QAM	12	7	21.11	20.93	20.89		
5	16QAM	12	13	21.05	21.03	21.04		
5	16QAM	25	0	20.97	21.03	20.93		
5	64QAM	1	0	20.84	20.81	20.70	22.5	2
5	64QAM	1	12	20.91	20.87	20.72		
5	64QAM	1	24	20.95	20.96	20.77		
5	64QAM	12	0	20.03	19.82	19.83	21.5	3
5	64QAM	12	7	20.11	19.99	19.88		
5	64QAM	12	13	19.96	20.02	19.93		
5	64QAM	25	0	20.05	19.84	19.88		
5	256QAM	1	0	17.87	17.83	17.91	19.5	5
5	256QAM	1	12	17.86	17.82	17.97		
5	256QAM	1	24	18.16	17.93	18.13		
5	256QAM	12	0	18.04	17.72	17.91	19.5	5
5	256QAM	12	7	17.98	18.06	17.94		
5	256QAM	12	13	18.09	18.01	17.93		
5	256QAM	25	0	18.04	17.78	17.79		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.26	24.54	24.23	25.5	0
10	QPSK	1	25	24.35	24.42	24.32		
10	QPSK	1	49	24.41	24.41	24.49		
10	QPSK	25	0	23.36	23.54	23.35	24.5	1
10	QPSK	25	12	23.49	23.51	23.44		
10	QPSK	25	25	23.53	23.49	23.44		
10	QPSK	50	0	23.44	23.51	23.41		
10	16QAM	1	0	23.88	23.90	23.85	24.5	1
10	16QAM	1	25	23.84	23.81	23.84		
10	16QAM	1	49	23.77	23.76	23.98		
10	16QAM	25	0	22.50	22.51	22.43	23.5	2
10	16QAM	25	12	22.52	22.55	22.35		
10	16QAM	25	25	22.50	22.55	22.53		
10	16QAM	50	0	22.55	22.52	22.41		
10	64QAM	1	0	22.64	22.67	22.63	23.5	2
10	64QAM	1	25	22.69	22.86	22.79		
10	64QAM	1	49	22.65	22.53	22.70		
10	64QAM	25	0	21.45	21.49	21.48	22.5	3
10	64QAM	25	12	21.56	21.49	21.37		
10	64QAM	25	25	21.52	21.57	21.42		
10	64QAM	50	0	21.33	21.41	21.36		
10	256QAM	1	0	19.34	19.54	19.26	20.5	5
10	256QAM	1	25	19.25	19.53	19.41		
10	256QAM	1	49	19.49	19.31	19.38		
10	256QAM	25	0	19.47	19.50	19.32	20.5	5
10	256QAM	25	12	19.56	19.57	19.53		
10	256QAM	25	25	19.58	19.59	19.32		
10	256QAM	50	0	19.55	19.40	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.21	24.23	24.15	25.5	0
5	QPSK	1	12	24.47	24.38	24.22		
5	QPSK	1	24	24.36	24.29	24.43		
5	QPSK	12	0	23.31	23.28	23.27	24.5	1
5	QPSK	12	7	23.39	23.46	23.32		
5	QPSK	12	13	23.39	23.45	23.30		
5	QPSK	25	0	23.46	23.39	23.30		
5	16QAM	1	0	23.74	23.83	23.70	24.5	1
5	16QAM	1	12	23.69	23.68	23.79		
5	16QAM	1	24	23.69	23.61	23.84		
5	16QAM	12	0	22.42	22.35	22.34	23.5	2
5	16QAM	12	7	22.43	22.42	22.24		
5	16QAM	12	13	22.35	22.45	22.48		
5	16QAM	25	0	22.50	22.39	22.31		
5	64QAM	1	0	22.54	22.63	22.53	23.5	2
5	64QAM	1	12	22.56	22.76	22.71		
5	64QAM	1	24	22.54	22.47	22.62		
5	64QAM	12	0	21.41	21.38	21.34	22.5	3
5	64QAM	12	7	21.48	21.38	21.26		
5	64QAM	12	13	21.44	21.48	21.35		
5	64QAM	25	0	21.24	21.37	21.23		
5	256QAM	1	0	19.13	19.29	19.24	20.5	5
5	256QAM	1	12	19.52	19.43	19.16		
5	256QAM	1	24	19.25	19.30	19.39		
5	256QAM	12	0	19.38	19.17	19.29	20.5	5
5	256QAM	12	7	19.33	19.50	19.26		
5	256QAM	12	13	19.36	19.56	19.40		
5	256QAM	25	0	19.40	19.35	19.33		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.15	24.26	24.16	25.5	0
3	QPSK	1	8	24.49	24.29	24.21		
3	QPSK	1	14	24.30	24.28	24.33		
3	QPSK	8	0	23.27	23.31	23.24	24.5	1
3	QPSK	8	4	23.41	23.43	23.29		
3	QPSK	8	7	23.43	23.43	23.34		
3	QPSK	15	0	23.40	23.35	23.26		
3	16QAM	1	0	23.80	23.78	23.79	24.5	1
3	16QAM	1	8	23.71	23.73	23.69		
3	16QAM	1	14	23.66	23.71	23.92		
3	16QAM	8	0	22.44	22.43	22.37	23.5	2
3	16QAM	8	4	22.47	22.49	22.25		
3	16QAM	8	7	22.42	22.49	22.47		
3	16QAM	15	0	22.46	22.40	22.31		
3	64QAM	1	0	22.49	22.62	22.58	23.5	2
3	64QAM	1	8	22.54	22.81	22.74		
3	64QAM	1	14	22.53	22.41	22.54		
3	64QAM	8	0	21.33	21.41	21.35	22.5	3
3	64QAM	8	4	21.46	21.44	21.27		
3	64QAM	8	7	21.40	21.50	21.37		
3	64QAM	15	0	21.18	21.25	21.26		
3	256QAM	1	0	19.08	19.35	19.13	20.5	5
3	256QAM	1	8	19.44	19.23	19.32		
3	256QAM	1	14	19.20	19.20	19.39		
3	256QAM	8	0	19.38	19.38	19.25	20.5	5
3	256QAM	8	4	19.38	19.34	19.20		
3	256QAM	8	7	19.39	19.36	19.39		
3	256QAM	15	0	19.44	19.30	19.20		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.17	24.30	24.10	25.5	0
1.4	QPSK	1	3	24.42	24.34	24.25		
1.4	QPSK	1	5	24.32	24.26	24.38		
1.4	QPSK	3	0	24.19	24.26	24.13		
1.4	QPSK	3	1	24.24	24.36	24.23		
1.4	QPSK	3	3	24.31	24.39	24.29		
1.4	QPSK	6	0	23.43	23.31	23.31	24.5	1
1.4	16QAM	1	0	23.76	23.83	23.72	24.5	1
1.4	16QAM	1	3	23.78	23.66	23.71		
1.4	16QAM	1	5	23.62	23.68	23.94		
1.4	16QAM	3	0	23.32	23.27	23.18		
1.4	16QAM	3	1	23.28	23.31	23.14		
1.4	16QAM	3	3	23.34	23.29	23.36		
1.4	16QAM	6	0	22.50	22.40	22.25	23.5	2
1.4	64QAM	1	0	22.59	22.54	22.48	23.5	2
1.4	64QAM	1	3	22.59	22.73	22.68		
1.4	64QAM	1	5	22.56	22.46	22.59		
1.4	64QAM	3	0	22.20	22.33	22.30		
1.4	64QAM	3	1	22.35	22.35	22.18		
1.4	64QAM	3	3	22.31	22.41	22.24		
1.4	64QAM	6	0	21.27	21.32	21.26	22.5	3
1.4	256QAM	1	0	19.12	19.29	19.20	20.5	5
1.4	256QAM	1	3	19.43	19.36	19.34		
1.4	256QAM	1	5	19.35	19.31	19.46		
1.4	256QAM	3	0	19.08	19.27	19.18		
1.4	256QAM	3	1	19.16	19.28	19.23		
1.4	256QAM	3	3	19.36	19.38	19.18		
1.4	256QAM	6	0	19.32	19.35	19.32	20.5	5

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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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.53		25.5	0
10	QPSK	1	25		24.43			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.63		24.5	1
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.51			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.49		24.5	1
10	16QAM	1	25		23.45			
10	16QAM	1	49		23.54			
10	16QAM	25	0		22.55		23.5	2
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.64			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.65		23.5	2
10	64QAM	1	25		22.67			
10	64QAM	1	49		22.70			
10	64QAM	25	0		21.55		22.5	3
10	64QAM	25	12		21.56			
10	64QAM	25	25		21.62			
10	64QAM	50	0		21.53			
10	256QAM	1	0		19.38		20.5	5
10	256QAM	1	25		19.39			
10	256QAM	1	49		19.17			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.24			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.50	24.47	25.5	0
5	QPSK	1	12	24.37	24.48	24.49		
5	QPSK	1	24	24.48	24.48	24.50		
5	QPSK	12	0	23.46	23.50	23.51	24.5	1
5	QPSK	12	7	23.60	23.54	23.54		
5	QPSK	12	13	23.56	23.59	23.58		
5	QPSK	25	0	23.53	23.50	23.47		
5	16QAM	1	0	23.49	23.55	23.47	24.5	1
5	16QAM	1	12	23.55	23.60	23.58		
5	16QAM	1	24	23.51	23.49	23.55		
5	16QAM	12	0	22.53	22.59	22.61	23.5	2
5	16QAM	12	7	22.68	22.61	22.64		
5	16QAM	12	13	22.63	22.69	22.66		
5	16QAM	25	0	22.60	22.51	22.54		
5	64QAM	1	0	22.60	22.77	22.75	23.5	2
5	64QAM	1	12	22.79	22.81	22.79		
5	64QAM	1	24	22.61	22.71	22.66		
5	64QAM	12	0	21.51	21.55	21.51	22.5	3
5	64QAM	12	7	21.65	21.52	21.57		
5	64QAM	12	13	21.60	21.63	21.61		
5	64QAM	25	0	21.55	21.51	21.53		
5	256QAM	1	0	19.28	19.43	19.20	20.5	5
5	256QAM	1	12	19.12	19.38	19.33		
5	256QAM	1	24	19.40	19.22	19.32		
5	256QAM	12	0	19.34	19.39	19.25	20.5	5
5	256QAM	12	7	19.47	19.47	19.40		
5	256QAM	12	13	19.51	19.42	19.14		
5	256QAM	25	0	19.47	19.30	19.23		

Band 17 Ant0 DSI1

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.23	24.06	25.5	0
10	QPSK	1	25	24.08	23.99	24.17		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	23.12	23.26	23.22	24.5	1
10	QPSK	25	12	23.24	23.17	23.23		
10	QPSK	25	25	23.23	23.23	23.21		
10	QPSK	50	0	23.12	23.22	23.19		
10	16QAM	1	0	23.42	23.48	23.31	24.5	1
10	16QAM	1	25	23.61	23.41	23.35		
10	16QAM	1	49	23.62	23.62	23.51		
10	16QAM	25	0	22.19	22.16	22.25	23.5	2
10	16QAM	25	12	22.31	22.14	22.26		
10	16QAM	25	25	22.21	22.25	22.16		
10	16QAM	50	0	22.25	22.13	22.20		
10	64QAM	1	0	22.23	22.04	22.21	23.5	2
10	64QAM	1	25	22.29	22.29	22.18		
10	64QAM	1	49	22.14	22.39	22.33		
10	64QAM	25	0	21.15	21.15	21.08	22.5	3
10	64QAM	25	12	21.26	21.28	21.25		
10	64QAM	25	25	21.16	21.17	21.23		
10	64QAM	50	0	21.17	21.16	21.16		
10	256QAM	1	0	18.96	19.22	18.91	20.5	5
10	256QAM	1	25	18.94	19.22	19.06		
10	256QAM	1	49	19.22	18.94	19.10		
10	256QAM	25	0	19.21	19.22	19.05	20.5	5
10	256QAM	25	12	19.28	19.29	19.16		
10	256QAM	25	25	19.25	19.23	19.03		
10	256QAM	50	0	19.21	19.08	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.06	24.01	23.99	25.5	0
5	QPSK	1	12	23.99	23.85	24.01		
5	QPSK	1	24	23.93	24.10	23.84		
5	QPSK	12	0	22.96	23.02	23.14	24.5	1
5	QPSK	12	7	23.13	23.03	23.12		
5	QPSK	12	13	23.12	23.12	23.16		
5	QPSK	25	0	23.14	23.03	23.05		
5	16QAM	1	0	23.29	23.35	23.26	24.5	1
5	16QAM	1	12	23.46	23.29	23.24		
5	16QAM	1	24	23.50	23.54	23.46		
5	16QAM	12	0	22.11	22.09	22.14	23.5	2
5	16QAM	12	7	22.19	22.03	22.16		
5	16QAM	12	13	22.07	22.14	22.06		
5	16QAM	25	0	22.14	22.02	22.15		
5	64QAM	1	0	22.10	21.99	22.12	23.5	2
5	64QAM	1	12	22.24	22.19	22.14		
5	64QAM	1	24	22.00	22.29	22.20		
5	64QAM	12	0	21.06	21.04	20.99	22.5	3
5	64QAM	12	7	21.17	21.16	21.13		
5	64QAM	12	13	21.03	21.03	21.08		
5	64QAM	25	0	21.02	21.07	21.04		
5	256QAM	1	0	19.07	19.17	18.99	20.5	5
5	256QAM	1	12	18.88	19.14	19.13		
5	256QAM	1	24	19.22	19.03	19.02		
5	256QAM	12	0	19.20	19.21	18.98	20.5	5
5	256QAM	12	7	19.18	19.28	19.16		
5	256QAM	12	13	19.27	19.31	18.97		
5	256QAM	25	0	19.27	19.03	19.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.35	24.21	25.5	0
15	QPSK	1	37	24.26	24.31	24.32		
15	QPSK	1	74	24.27	24.25	24.17		
15	QPSK	36	0	23.30	23.41	23.28	24.5	1
15	QPSK	36	20	23.36	23.34	23.28		
15	QPSK	36	39	23.36	23.33	23.34		
15	QPSK	75	0	23.34	23.37	23.30		
15	16QAM	1	0	23.17	23.21	23.27	24.5	1
15	16QAM	1	37	23.08	23.43	23.39		
15	16QAM	1	74	23.22	23.24	23.06		
15	16QAM	36	0	22.33	22.39	22.32	23.5	2
15	16QAM	36	20	22.40	22.38	22.30		
15	16QAM	36	39	22.39	22.40	22.38		
15	16QAM	75	0	22.37	22.36	22.32		
15	64QAM	1	0	22.42	22.47	22.49	23.5	2
15	64QAM	1	37	22.48	22.67	22.54		
15	64QAM	1	74	22.42	22.54	22.43		
15	64QAM	36	0	21.34	21.39	21.32	22.5	3
15	64QAM	36	20	21.38	21.36	21.27		
15	64QAM	36	39	21.40	21.42	21.38		
15	64QAM	75	0	21.40	21.36	21.32		
15	256QAM	1	0	19.12	19.25	18.96	20.5	5
15	256QAM	1	37	18.99	19.30	19.16		
15	256QAM	1	74	19.29	19.07	19.20		
15	256QAM	36	0	19.18	19.26	19.14	20.5	5
15	256QAM	36	20	19.36	19.31	19.35		
15	256QAM	36	39	19.28	19.38	19.07		
15	256QAM	75	0	19.27	19.16	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.03	24.09	24.28	25.5	0
10	QPSK	1	25	24.02	24.17	24.16		
10	QPSK	1	49	24.11	24.14	24.17		
10	QPSK	25	0	23.32	23.32	23.04	24.5	1
10	QPSK	25	12	23.34	23.19	23.15		
10	QPSK	25	25	23.25	23.18	23.36		
10	QPSK	50	0	23.21	23.12	23.24		
10	16QAM	1	0	23.12	23.01	23.30	24.5	1
10	16QAM	1	25	22.83	23.32	23.15		
10	16QAM	1	49	23.16	23.14	22.91		
10	16QAM	25	0	22.13	22.16	22.33	23.5	2
10	16QAM	25	12	22.32	22.26	22.33		
10	16QAM	25	25	22.24	22.22	22.22		
10	16QAM	50	0	22.22	22.11	22.24		
10	64QAM	1	0	22.37	22.34	22.32	23.5	2
10	64QAM	1	25	22.25	22.48	22.29		
10	64QAM	1	49	22.44	22.54	22.44		
10	64QAM	25	0	21.35	21.37	21.16	22.5	3
10	64QAM	25	12	21.31	21.34	21.27		
10	64QAM	25	25	21.20	21.21	21.36		
10	64QAM	50	0	21.35	21.13	21.08		
10	256QAM	1	0	19.13	19.30	18.99	20.5	5
10	256QAM	1	25	19.05	19.32	19.13		
10	256QAM	1	49	19.29	19.01	19.09		
10	256QAM	25	0	19.18	19.19	19.06	20.5	5
10	256QAM	25	12	19.26	19.32	19.23		
10	256QAM	25	25	19.39	19.41	19.02		
10	256QAM	50	0	19.35	19.22	19.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.06	24.18	25.5	0
5	QPSK	1	12	24.04	24.33	24.10		
5	QPSK	1	24	24.16	24.06	24.09		
5	QPSK	12	0	23.19	23.18	23.22	24.5	1
5	QPSK	12	7	23.28	23.16	23.14		
5	QPSK	12	13	23.22	23.26	23.11		
5	QPSK	25	0	23.32	23.30	23.19		
5	16QAM	1	0	23.02	22.98	23.26	24.5	1
5	16QAM	1	12	22.87	23.27	23.23		
5	16QAM	1	24	22.99	23.11	22.99		
5	16QAM	12	0	22.13	22.22	22.19	23.5	2
5	16QAM	12	7	22.40	22.38	22.35		
5	16QAM	12	13	22.26	22.35	22.25		
5	16QAM	25	0	22.20	22.17	22.28		
5	64QAM	1	0	22.45	22.30	22.28	23.5	2
5	64QAM	1	12	22.38	22.67	22.52		
5	64QAM	1	24	22.37	22.56	22.19		
5	64QAM	12	0	21.20	21.41	21.18	22.5	3
5	64QAM	12	7	21.17	21.25	21.19		
5	64QAM	12	13	21.31	21.32	21.19		
5	64QAM	25	0	21.31	21.34	21.18		
5	256QAM	1	0	19.09	19.25	19.04	20.5	5
5	256QAM	1	12	19.00	19.31	19.19		
5	256QAM	1	24	19.30	19.07	19.11		
5	256QAM	12	0	19.23	19.23	19.07	20.5	5
5	256QAM	12	7	19.30	19.39	19.31		
5	256QAM	12	13	19.31	19.36	19.02		
5	256QAM	25	0	19.37	19.14	19.05		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.96	23.97	24.22	25.5	0
3	QPSK	1	8	24.26	24.19	24.08		
3	QPSK	1	14	24.05	24.23	24.03		
3	QPSK	8	0	23.34	23.37	23.29	24.5	1
3	QPSK	8	4	23.14	23.28	23.21		
3	QPSK	8	7	23.29	23.26	23.29		
3	QPSK	15	0	23.24	23.27	23.07		
3	16QAM	1	0	23.20	23.24	23.13	24.5	1
3	16QAM	1	8	22.93	23.18	23.43		
3	16QAM	1	14	23.11	23.05	23.05		
3	16QAM	8	0	22.27	22.32	22.12	23.5	2
3	16QAM	8	4	22.19	22.29	22.26		
3	16QAM	8	7	22.44	22.42	22.36		
3	16QAM	15	0	22.30	22.31	22.07		
3	64QAM	1	0	22.34	22.33	22.32	23.5	2
3	64QAM	1	8	22.37	22.45	22.31		
3	64QAM	1	14	22.45	22.50	22.25		
3	64QAM	8	0	21.23	21.36	21.24	22.5	3
3	64QAM	8	4	21.31	21.22	21.26		
3	64QAM	8	7	21.42	21.30	21.37		
3	64QAM	15	0	21.19	21.35	21.17		
3	256QAM	1	0	19.03	19.24	18.99	20.5	5
3	256QAM	1	8	19.02	19.25	19.15		
3	256QAM	1	14	19.29	19.04	19.14		
3	256QAM	8	0	19.18	19.22	19.03	20.5	5
3	256QAM	8	4	19.28	19.38	19.28		
3	256QAM	8	7	19.38	19.32	19.09		
3	256QAM	15	0	19.33	19.14	19.11		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.95	23.97	24.23	25.5	0
1.4	QPSK	1	3	23.87	24.14	23.92		
1.4	QPSK	1	5	24.06	24.04	23.94		
1.4	QPSK	3	0	23.84	23.81	24.03		
1.4	QPSK	3	1	24.12	23.94	23.89		
1.4	QPSK	3	3	24.10	24.19	23.91		
1.4	QPSK	6	0	23.14	23.18	23.23	24.5	1
1.4	16QAM	1	0	23.15	23.19	23.07	24.5	1
1.4	16QAM	1	3	23.12	23.04	23.12		
1.4	16QAM	1	5	23.14	23.23	23.01		
1.4	16QAM	3	0	22.99	23.02	23.23		
1.4	16QAM	3	1	22.79	23.14	23.06		
1.4	16QAM	3	3	23.03	22.89	22.87		
1.4	16QAM	6	0	22.01	22.17	21.94	23.5	2
1.4	64QAM	1	0	22.32	22.34	22.36	23.5	2
1.4	64QAM	1	3	22.07	22.36	22.29		
1.4	64QAM	1	5	21.97	22.17	22.26		
1.4	64QAM	3	0	21.96	22.18	22.19		
1.4	64QAM	3	1	22.15	22.04	21.82		
1.4	64QAM	3	3	22.19	21.99	22.01		
1.4	64QAM	6	0	21.05	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.14	19.29	19.07	20.5	5
1.4	256QAM	1	3	18.97	19.25	19.19		
1.4	256QAM	1	5	19.19	19.00	19.09		
1.4	256QAM	3	0	19.18	19.32	19.09		
1.4	256QAM	3	1	19.29	19.28	19.34		
1.4	256QAM	3	3	19.33	19.38	19.01		
1.4	256QAM	6	0	19.36	19.20	19.10	20.5	5

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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	22.87	23.07	23.02	24.5	0
20	QPSK	1	49	22.93	22.94	23.02		
20	QPSK	1	99	22.74	22.72	22.92		
20	QPSK	50	0	21.82	22.09	21.96	23.5	1
20	QPSK	50	24	21.97	21.96	21.99		
20	QPSK	50	50	21.93	22.00	22.04		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	22.30	22.03	22.12	23.5	1
20	16QAM	1	49	22.20	22.24	22.34		
20	16QAM	1	99	22.25	22.26	22.17		
20	16QAM	50	0	20.91	21.00	21.07	22.5	2
20	16QAM	50	24	21.06	21.11	21.02		
20	16QAM	50	50	20.91	21.16	21.01		
20	16QAM	100	0	21.05	20.95	21.06		
20	64QAM	1	0	21.02	21.10	21.13	22.5	2
20	64QAM	1	49	21.14	21.04	21.05		
20	64QAM	1	99	21.30	21.06	21.17		
20	64QAM	50	0	19.95	20.03	19.95	21.5	3
20	64QAM	50	24	19.97	20.12	20.06		
20	64QAM	50	50	19.91	19.95	20.01		
20	64QAM	100	0	20.07	19.98	20.07		
20	256QAM	1	0	18.05	18.13	18.13	19.5	5
20	256QAM	1	49	18.02	18.13	18.19		
20	256QAM	1	99	17.80	17.87	18.11		
20	256QAM	50	0	17.80	18.14	18.08	19.5	5
20	256QAM	50	24	18.00	18.15	18.02		
20	256QAM	50	50	18.14	18.15	18.09		
20	256QAM	100	0	18.15	18.05	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.85	22.90	24.5	0
15	QPSK	1	37	22.81	23.00	22.98		
15	QPSK	1	74	22.71	22.68	22.87		
15	QPSK	36	0	21.73	21.80	21.94	23.5	1
15	QPSK	36	20	21.80	21.80	21.92		
15	QPSK	36	39	21.80	21.91	21.86		
15	QPSK	75	0	21.85	21.77	21.82		
15	16QAM	1	0	22.20	21.93	22.08	23.5	1
15	16QAM	1	37	22.10	22.14	22.29		
15	16QAM	1	74	22.16	22.14	22.10		
15	16QAM	36	0	20.84	20.86	20.96	22.5	2
15	16QAM	36	20	20.97	21.04	20.88		
15	16QAM	36	39	20.79	21.10	20.94		
15	16QAM	75	0	20.94	20.86	20.90		
15	64QAM	1	0	20.97	21.03	21.03	22.5	2
15	64QAM	1	37	20.98	20.99	20.93		
15	64QAM	1	74	21.24	20.97	21.11		
15	64QAM	36	0	19.88	19.95	19.86	21.5	3
15	64QAM	36	20	19.92	20.02	19.90		
15	64QAM	36	39	19.78	19.84	19.89		
15	64QAM	75	0	19.89	19.92	20.00		
15	256QAM	1	0	17.91	17.86	18.10	19.5	5
15	256QAM	1	37	17.86	18.10	18.09		
15	256QAM	1	74	17.82	17.80	18.01		
15	256QAM	36	0	17.94	17.97	18.01	19.5	5
15	256QAM	36	20	17.84	18.02	17.91		
15	256QAM	36	39	17.93	18.11	17.89		
15	256QAM	75	0	18.00	17.78	17.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.70	22.83	22.89	24.5	0
10	QPSK	1	25	22.82	22.95	22.85		
10	QPSK	1	49	22.57	22.56	22.88		
10	QPSK	25	0	21.74	21.81	21.97	23.5	1
10	QPSK	25	12	21.84	21.78	21.92		
10	QPSK	25	25	21.82	21.92	21.95		
10	QPSK	50	0	21.84	21.81	21.75		
10	16QAM	1	0	22.18	21.85	22.02	23.5	1
10	16QAM	1	25	22.12	22.20	22.21		
10	16QAM	1	49	22.12	22.20	22.12		
10	16QAM	25	0	20.81	20.91	20.95	22.5	2
10	16QAM	25	12	20.91	20.97	20.84		
10	16QAM	25	25	20.86	21.08	20.85		
10	16QAM	50	0	20.88	20.87	20.89		
10	64QAM	1	0	20.87	20.94	21.07	22.5	2
10	64QAM	1	25	21.08	20.88	20.93		
10	64QAM	1	49	21.23	20.89	21.00		
10	64QAM	25	0	19.81	19.86	19.80	21.5	3
10	64QAM	25	12	19.91	20.02	19.95		
10	64QAM	25	25	19.81	19.84	19.96		
10	64QAM	50	0	19.93	19.87	19.92		
10	256QAM	1	0	17.83	17.96	17.93	19.5	5
10	256QAM	1	25	17.85	18.01	17.99		
10	256QAM	1	49	17.70	17.63	17.89		
10	256QAM	25	0	17.89	17.96	18.06	19.5	5
10	256QAM	25	12	17.93	18.00	18.08		
10	256QAM	25	25	17.88	17.91	17.98		
10	256QAM	50	0	18.04	17.80	17.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.77	22.91	24.5	0
5	QPSK	1	12	22.77	22.95	22.98		
5	QPSK	1	24	22.67	22.64	22.77		
5	QPSK	12	0	21.71	21.86	21.95	23.5	1
5	QPSK	12	7	21.88	21.90	21.93		
5	QPSK	12	13	21.82	21.86	21.91		
5	QPSK	25	0	21.80	21.79	21.85		
5	16QAM	1	0	22.20	21.94	21.99	23.5	1
5	16QAM	1	12	22.11	22.19	22.28		
5	16QAM	1	24	22.19	22.10	22.01		
5	16QAM	12	0	20.80	20.90	20.93	22.5	2
5	16QAM	12	7	20.94	21.02	20.96		
5	16QAM	12	13	20.83	21.03	20.89		
5	16QAM	25	0	20.98	20.85	20.98		
5	64QAM	1	0	20.85	20.97	20.98	22.5	2
5	64QAM	1	12	21.07	20.89	20.88		
5	64QAM	1	24	21.16	20.98	21.04		
5	64QAM	12	0	19.88	19.92	19.78	21.5	3
5	64QAM	12	7	19.85	20.05	20.00		
5	64QAM	12	13	19.84	19.86	19.94		
5	64QAM	25	0	19.97	19.81	20.02		
5	256QAM	1	0	17.87	17.88	17.93	19.5	5
5	256QAM	1	12	17.92	17.98	18.12		
5	256QAM	1	24	17.78	17.75	17.77		
5	256QAM	12	0	17.88	17.93	17.95	19.5	5
5	256QAM	12	7	17.99	18.01	18.02		
5	256QAM	12	13	17.89	18.06	18.06		
5	256QAM	25	0	17.89	17.83	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.75	22.82	22.88	24.5	0
3	QPSK	1	8	22.86	22.90	22.86		
3	QPSK	1	14	22.63	22.61	22.84		
3	QPSK	8	0	21.75	21.88	22.05	23.5	1
3	QPSK	8	4	21.85	21.86	21.93		
3	QPSK	8	7	21.86	21.95	21.93		
3	QPSK	15	0	21.85	21.81	21.78		
3	16QAM	1	0	22.14	21.98	22.07	23.5	1
3	16QAM	1	8	22.10	22.11	22.19		
3	16QAM	1	14	22.20	22.22	22.00		
3	16QAM	8	0	20.81	20.96	21.01	22.5	2
3	16QAM	8	4	20.97	21.04	20.96		
3	16QAM	8	7	20.79	21.03	20.89		
3	16QAM	15	0	20.94	20.86	21.02		
3	64QAM	1	0	20.93	21.05	20.96	22.5	2
3	64QAM	1	8	21.05	20.94	20.88		
3	64QAM	1	14	21.14	21.01	20.99		
3	64QAM	8	0	19.86	19.97	19.84	21.5	3
3	64QAM	8	4	19.86	20.04	19.98		
3	64QAM	8	7	19.78	19.90	19.83		
3	64QAM	15	0	19.95	19.81	19.95		
3	256QAM	1	0	17.81	17.92	17.89	19.5	5
3	256QAM	1	8	17.98	18.01	17.98		
3	256QAM	1	14	17.80	17.73	17.89		
3	256QAM	8	0	17.96	18.10	18.12	19.5	5
3	256QAM	8	4	17.89	18.05	18.13		
3	256QAM	8	7	17.91	18.15	17.95		
3	256QAM	15	0	17.88	17.93	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.74	22.86	22.94	24.5	0
1.4	QPSK	1	3	22.81	22.93	22.92		
1.4	QPSK	1	5	22.67	22.65	22.87		
1.4	QPSK	3	0	22.65	22.87	22.92		
1.4	QPSK	3	1	22.82	22.91	22.90		
1.4	QPSK	3	3	22.82	22.91	22.99		
1.4	QPSK	6	0	21.79	21.87	21.81	23.5	1
1.4	16QAM	1	0	22.22	21.89	21.99	23.5	1
1.4	16QAM	1	3	22.06	22.20	22.27		
1.4	16QAM	1	5	22.16	22.09	22.12		
1.4	16QAM	3	0	21.82	21.90	22.01		
1.4	16QAM	3	1	21.92	22.00	21.94		
1.4	16QAM	3	3	21.74	22.00	21.91		
1.4	16QAM	6	0	20.87	20.79	21.01	22.5	2
1.4	64QAM	1	0	20.86	21.01	21.01	22.5	2
1.4	64QAM	1	3	21.05	20.93	20.88		
1.4	64QAM	1	5	21.21	20.93	21.03		
1.4	64QAM	3	0	20.80	20.88	20.83		
1.4	64QAM	3	1	20.87	21.03	20.92		
1.4	64QAM	3	3	20.76	20.85	20.97		
1.4	64QAM	6	0	19.90	19.92	19.99	21.5	3
1.4	256QAM	1	0	17.80	17.89	18.00	19.5	5
1.4	256QAM	1	3	17.91	18.10	18.03		
1.4	256QAM	1	5	17.87	17.78	17.96		
1.4	256QAM	3	0	17.84	17.90	18.07		
1.4	256QAM	3	1	17.93	17.97	18.11		
1.4	256QAM	3	3	18.00	17.91	18.08		
1.4	256QAM	6	0	17.86	17.89	17.90	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.88	22.94	22.70	24.5	0
20	QPSK	1	49	22.89	22.71	22.90		
20	QPSK	1	99	22.83	22.78	22.93		
20	QPSK	50	0	21.90	21.99	21.95	23.5	1
20	QPSK	50	24	21.95	21.86	21.93		
20	QPSK	50	50	21.96	21.90	21.97		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	21.95	21.99	21.91	23.5	1
20	16QAM	1	49	21.85	22.01	21.79		
20	16QAM	1	99	22.05	22.09	22.02		
20	16QAM	50	0	20.92	20.88	21.04	22.5	2
20	16QAM	50	24	21.04	20.89	20.96		
20	16QAM	50	50	21.05	20.87	20.93		
20	16QAM	100	0	21.07	20.90	20.95		
20	64QAM	1	0	21.02	20.84	20.69	22.5	2
20	64QAM	1	49	20.73	20.81	20.68		
20	64QAM	1	99	20.85	20.59	20.81		
20	64QAM	50	0	19.86	19.96	20.01	21.5	3
20	64QAM	50	24	20.14	19.99	19.88		
20	64QAM	50	50	20.08	19.89	20.00		
20	64QAM	100	0	19.95	19.97	19.91		
20	256QAM	1	0	17.94	18.08	17.80	19.5	5
20	256QAM	1	49	18.05	17.92	17.96		
20	256QAM	1	99	17.83	17.94	17.97		
20	256QAM	50	0	18.03	18.17	18.03	19.5	5
20	256QAM	50	24	18.12	17.92	18.02		
20	256QAM	50	50	18.02	17.97	18.06		
20	256QAM	100	0	18.15	18.17	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.89	22.62	24.5	0
15	QPSK	1	37	22.83	22.62	22.80		
15	QPSK	1	74	22.66	22.69	22.83		
15	QPSK	36	0	21.74	21.89	21.79	23.5	1
15	QPSK	36	20	21.97	21.89	21.75		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.96	21.95	21.82		
15	16QAM	1	0	21.79	21.98	21.81	23.5	1
15	16QAM	1	37	21.75	22.03	21.73		
15	16QAM	1	74	21.91	22.12	21.90		
15	16QAM	36	0	20.81	20.82	20.93	22.5	2
15	16QAM	36	20	20.96	20.90	20.90		
15	16QAM	36	39	20.97	20.82	20.81		
15	16QAM	75	0	21.02	20.88	20.81		
15	64QAM	1	0	20.97	20.81	20.51	22.5	2
15	64QAM	1	37	20.61	20.75	20.60		
15	64QAM	1	74	20.80	20.51	20.63		
15	64QAM	36	0	19.72	19.92	19.90	21.5	3
15	64QAM	36	20	20.01	19.94	19.77		
15	64QAM	36	39	19.98	19.82	19.88		
15	64QAM	75	0	19.78	19.91	19.74		
15	256QAM	1	0	17.85	17.91	17.65	19.5	5
15	256QAM	1	37	17.96	17.81	17.82		
15	256QAM	1	74	17.66	17.86	17.86		
15	256QAM	36	0	17.93	17.90	17.91	19.5	5
15	256QAM	36	20	18.10	18.08	17.95		
15	256QAM	36	39	18.10	17.85	18.02		
15	256QAM	75	0	18.00	17.98	18.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.82	22.56	24.5	0
10	QPSK	1	25	22.89	22.71	22.82		
10	QPSK	1	49	22.65	22.77	22.87		
10	QPSK	25	0	21.80	21.79	21.81	23.5	1
10	QPSK	25	12	21.95	21.88	21.79		
10	QPSK	25	25	21.93	21.89	21.89		
10	QPSK	50	0	21.98	21.96	21.80		
10	16QAM	1	0	21.85	21.92	21.76	23.5	1
10	16QAM	1	25	21.76	21.98	21.65		
10	16QAM	1	49	21.89	22.02	21.94		
10	16QAM	25	0	20.84	20.87	20.95	22.5	2
10	16QAM	25	12	20.93	20.80	20.84		
10	16QAM	25	25	20.92	20.84	20.86		
10	16QAM	50	0	21.01	20.86	20.88		
10	64QAM	1	0	20.85	20.83	20.52	22.5	2
10	64QAM	1	25	20.56	20.79	20.59		
10	64QAM	1	49	20.72	20.63	20.75		
10	64QAM	25	0	19.79	19.99	19.97	21.5	3
10	64QAM	25	12	20.07	19.93	19.83		
10	64QAM	25	25	19.99	19.82	19.94		
10	64QAM	50	0	19.83	19.98	19.81		
10	256QAM	1	0	18.00	18.03	17.64	19.5	5
10	256QAM	1	25	18.09	17.73	17.92		
10	256QAM	1	49	17.72	17.93	17.96		
10	256QAM	25	0	17.88	17.81	17.85	19.5	5
10	256QAM	25	12	18.03	17.90	17.97		
10	256QAM	25	25	17.98	17.94	17.97		
10	256QAM	50	0	18.20	17.99	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.87	22.53	24.5	0
5	QPSK	1	12	22.81	22.65	22.78		
5	QPSK	1	24	22.76	22.75	22.86		
5	QPSK	12	0	21.84	21.85	21.78	23.5	1
5	QPSK	12	7	21.90	21.87	21.80		
5	QPSK	12	13	21.90	21.87	21.88		
5	QPSK	25	0	21.85	21.95	21.87		
5	16QAM	1	0	21.84	21.97	21.75	23.5	1
5	16QAM	1	12	21.68	21.94	21.74		
5	16QAM	1	24	22.00	22.00	21.93		
5	16QAM	12	0	20.82	20.87	20.87	22.5	2
5	16QAM	12	7	20.86	20.89	20.88		
5	16QAM	12	13	20.87	20.81	20.75		
5	16QAM	25	0	21.02	20.88	20.78		
5	64QAM	1	0	20.91	20.84	20.57	22.5	2
5	64QAM	1	12	20.59	20.73	20.62		
5	64QAM	1	24	20.78	20.56	20.73		
5	64QAM	12	0	19.68	19.92	19.94	21.5	3
5	64QAM	12	7	20.04	20.01	19.73		
5	64QAM	12	13	20.02	19.81	19.87		
5	64QAM	25	0	19.83	19.93	19.74		
5	256QAM	1	0	17.85	18.02	17.74	19.5	5
5	256QAM	1	12	17.94	17.67	17.99		
5	256QAM	1	24	17.89	17.93	18.01		
5	256QAM	12	0	17.90	17.86	17.82	19.5	5
5	256QAM	12	7	17.93	17.87	17.88		
5	256QAM	12	13	18.05	17.94	18.08		
5	256QAM	25	0	17.98	18.16	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.94	22.91	22.78	22.95	22.60	22.60	24.5	0
20	QPSK	1	49	22.81	22.82	22.71	22.79	22.84	22.76		
20	QPSK	1	99	22.78	22.82	22.90	22.78	22.79	22.88		
20	QPSK	50	0	21.86	21.86	21.73	22.00	21.70	21.78	23.5	1
20	QPSK	50	24	21.95	21.83	21.85	21.83	21.68	21.63		
20	QPSK	50	50	21.94	21.96	21.87	21.95	21.65	21.91		
20	QPSK	100	0	21.89	21.84	21.86	22.02	21.72	21.73		
20	16QAM	1	0	21.79	21.86	21.73	21.83	21.84	21.88	23.5	1
20	16QAM	1	49	21.74	21.89	21.68	21.69	21.87	21.83		
20	16QAM	1	99	21.89	21.86	21.86	21.82	21.89	21.76		
20	16QAM	50	0	20.84	20.86	20.89	20.73	20.67	20.70	22.5	2
20	16QAM	50	24	20.74	20.93	20.83	20.90	20.66	20.72		
20	16QAM	50	50	20.87	20.89	20.85	20.86	20.76	20.65		
20	16QAM	100	0	20.97	21.02	20.92	20.87	20.94	20.70		
20	64QAM	1	0	20.86	20.76	21.00	20.82	20.71	20.89	22.5	2
20	64QAM	1	49	20.98	21.03	20.78	20.88	20.76	20.96		
20	64QAM	1	99	20.89	20.94	20.86	21.03	20.88	20.91		
20	64QAM	50	0	19.91	19.74	19.85	19.82	19.68	19.86	21.5	3
20	64QAM	50	24	19.99	19.91	19.86	19.88	19.72	19.75		
20	64QAM	50	50	19.94	19.91	19.85	19.92	19.79	19.61		
20	64QAM	100	0	19.97	19.95	19.76	19.88	19.66	19.75		
20	256QAM	1	0	17.92	18.04	17.87	18.10	17.72	17.75	19.5	5
20	256QAM	1	49	17.90	17.86	17.74	17.81	17.86	17.88		
20	256QAM	1	99	17.96	17.80	17.89	17.85	17.94	17.94		
20	256QAM	50	0	17.89	17.85	17.88	18.10	17.80	17.83	19.5	5
20	256QAM	50	24	18.03	18.00	17.99	17.93	17.83	17.71		
20	256QAM	50	50	18.01	18.00	17.90	17.94	17.76	17.98		
20	256QAM	100	0	18.00	17.90	18.01	18.01	17.89	17.76		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.90	22.80	22.68	22.76	22.53	22.88	24.50	0
15	QPSK	1	37	22.76	22.70	22.61	22.74	22.78	22.68		
15	QPSK	1	74	22.65	22.76	22.76	22.63	22.61	22.75		
15	QPSK	36	0	21.73	21.82	21.60	21.79	21.62	21.68	23.5	1
15	QPSK	36	20	21.80	21.73	21.80	21.67	21.55	21.50		
15	QPSK	36	39	21.77	21.84	21.73	21.77	21.52	21.80		
15	QPSK	75	0	21.85	21.78	21.81	21.75	21.68	21.57		
15	16QAM	1	0	21.67	21.79	21.57	21.71	21.79	21.76	23.5	1
15	16QAM	1	37	21.65	21.74	21.58	21.63	21.78	21.77		
15	16QAM	1	74	21.85	21.72	21.72	21.64	21.73	21.70		
15	16QAM	36	0	20.71	20.80	20.73	20.58	20.62	20.59	22.5	2
15	16QAM	36	20	20.67	20.89	20.75	20.83	20.53	20.64		
15	16QAM	36	39	20.70	20.81	20.71	20.69	20.65	20.58		
15	16QAM	75	0	20.83	20.88	20.83	20.73	20.88	20.63		
15	64QAM	1	0	20.71	20.62	20.87	20.72	20.62	20.77	22.5	2
15	64QAM	1	37	20.83	20.98	20.68	20.77	20.70	20.89		
15	64QAM	1	74	20.77	20.83	20.75	20.97	20.83	20.86		
15	64QAM	36	0	19.76	19.58	19.80	19.77	19.61	19.80	21.5	3
15	64QAM	36	20	19.83	19.73	19.72	19.82	19.58	19.68		
15	64QAM	36	39	19.89	19.76	19.70	19.86	19.66	19.56		
15	64QAM	75	0	19.89	19.78	19.70	19.73	19.54	19.57		
15	256QAM	1	0	17.89	17.84	17.83	17.83	17.67	17.88	19.5	5
15	256QAM	1	37	17.90	17.82	17.79	17.96	17.82	17.74		
15	256QAM	1	74	17.71	17.85	17.84	17.73	17.71	17.97		
15	256QAM	36	0	17.75	17.87	17.62	17.79	17.74	17.75	19.5	5
15	256QAM	36	20	17.93	17.81	17.85	17.83	17.76	17.69		
15	256QAM	36	39	17.81	17.88	17.90	17.84	17.72	18.01		
15	256QAM	75	0	18.06	18.00	17.87	18.11	17.88	17.95		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	22.83	22.85	22.62	22.75	22.88	22.50	24.50	0
10	QPSK	1	25	22.74	22.76	22.66	22.73	22.74	22.68		
10	QPSK	1	49	22.69	22.69	22.79	22.69	22.67	22.75		
10	QPSK	25	0	21.76	21.91	21.68	21.68	21.58	21.61	23.5	1
10	QPSK	25	12	21.79	21.69	21.72	21.79	21.55	21.58		
10	QPSK	25	25	21.78	21.90	21.78	21.88	21.53	21.74		
10	QPSK	50	0	21.91	21.79	21.79	21.74	21.66	21.64		
10	16QAM	1	0	21.70	21.80	21.66	21.74	21.68	21.82	23.5	1
10	16QAM	1	25	21.63	21.78	21.57	21.58	21.72	21.71		
10	16QAM	1	49	21.83	21.76	21.70	21.73	21.77	21.68		
10	16QAM	25	0	20.73	20.80	20.78	20.62	20.63	20.53	22.5	2
10	16QAM	25	12	20.63	20.76	20.67	20.75	20.56	20.63		
10	16QAM	25	25	20.75	20.77	20.70	20.72	20.66	20.54		
10	16QAM	50	0	20.82	20.89	20.80	20.78	20.86	20.57		
10	64QAM	1	0	20.75	20.58	20.94	20.73	20.61	20.75	22.5	2
10	64QAM	1	25	20.85	20.87	20.64	20.80	20.67	20.88		
10	64QAM	1	49	20.72	20.80	20.69	20.90	20.74	20.82		
10	64QAM	25	0	19.82	19.69	19.75	19.77	19.51	19.78	21.5	3
10	64QAM	25	12	19.88	19.78	19.78	19.79	19.55	19.57		
10	64QAM	25	25	19.84	19.77	19.70	19.78	19.65	19.55		
10	64QAM	50	0	19.90	19.87	19.70	19.71	19.56	19.68		
10	256QAM	1	0	18.01	17.84	17.65	17.95	17.73	17.69	19.5	5
10	256QAM	1	25	17.81	17.97	17.83	17.94	17.87	17.88		
10	256QAM	1	49	17.70	17.82	18.00	17.84	17.74	17.75		
10	256QAM	25	0	17.77	17.90	17.76	17.84	17.67	17.75	19.5	5
10	256QAM	25	12	17.99	17.81	17.85	17.93	17.62	17.68		
10	256QAM	25	25	17.78	17.98	17.90	18.00	17.73	17.82		
10	256QAM	50	0	17.92	17.86	17.97	17.79	17.81	17.80		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.84	22.83	22.73	22.83	22.53	22.54	24.50	0
5	QPSK	1	12	22.74	22.67	22.64	22.64	22.73	22.66		
5	QPSK	1	24	22.66	22.65	22.84	22.66	22.67	22.76		
5	QPSK	12	0	21.77	21.85	21.58	21.82	21.64	21.67	23.5	1
5	QPSK	12	7	21.86	21.76	21.78	21.67	21.51	21.55		
5	QPSK	12	13	21.83	21.79	21.72	21.89	21.54	21.87		
5	QPSK	25	0	21.87	21.75	21.74	21.81	21.64	21.60		
5	16QAM	1	0	21.70	21.78	21.55	21.73	21.71	21.72	23.5	1
5	16QAM	1	12	21.63	21.79	21.64	21.57	21.70	21.77		
5	16QAM	1	24	21.76	21.70	21.73	21.74	21.75	21.65		
5	16QAM	12	0	20.73	20.68	20.78	20.67	20.54	20.64	22.5	2
5	16QAM	12	7	20.57	20.84	20.68	20.84	20.56	20.55		
5	16QAM	12	13	20.75	20.80	20.70	20.74	20.58	20.51		
5	16QAM	25	0	20.93	20.96	20.80	20.74	20.88	20.63		
5	64QAM	1	0	20.73	20.59	20.94	20.77	20.58	20.78	22.5	2
5	64QAM	1	12	20.91	20.94	20.63	20.82	20.64	20.79		
5	64QAM	1	24	20.77	20.84	20.70	20.92	20.80	20.76		
5	64QAM	12	0	19.83	19.66	19.79	19.72	19.63	19.76	21.5	3
5	64QAM	12	7	19.90	19.86	19.70	19.73	19.59	19.63		
5	64QAM	12	13	19.90	19.78	19.70	19.86	19.61	19.52		
5	64QAM	25	0	19.82	19.84	19.61	19.72	19.58	19.62		
5	256QAM	1	0	18.06	17.89	17.74	18.05	17.74	17.69	19.5	5
5	256QAM	1	12	17.75	17.68	17.72	17.76	17.78	17.81		
5	256QAM	1	24	17.78	17.71	17.83	17.79	17.73	17.76		
5	256QAM	12	0	17.79	17.96	17.76	18.00	17.73	17.78	19.5	5
5	256QAM	12	7	17.87	17.86	17.77	17.88	17.64	17.69		
5	256QAM	12	13	18.03	17.94	17.84	18.02	17.67	17.92		
5	256QAM	25	0	17.88	17.83	17.73	17.91	17.82	17.79		

GSM850 Ant1 DSI1

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	30.87	30.51	30.77	31.00	21.87	21.51	21.77	22.00
GPRS 1 Tx slot	30.81	30.88	30.72	31.00	21.81	21.88	21.72	22.00
GPRS 2 Tx slots	27.02	26.94	27.21	28.00	21.02	20.94	21.21	22.00
GPRS 3 Tx slots	25.73	25.63	25.68	27.00	21.47	21.37	21.42	22.74
GPRS 4 Tx slots	24.31	24.47	24.42	26.00	21.31	21.47	21.42	23.00
EDGE 1 Tx slot	26.77	26.92	26.90	28.00	17.77	17.92	17.90	19.00
EDGE 2 Tx slots	23.84	23.70	23.67	25.00	17.84	17.70	17.67	19.00
EDGE 3 Tx slots	21.90	22.18	22.16	23.50	17.64	17.92	17.90	19.24
EDGE 4 Tx slots	20.38	20.68	20.72	22.00	17.38	17.68	17.72	19.00

WCDMA V Ant1 DSI1

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.41	21.43	21.39	22.00
3GPP Rel 99	RMC 12.2Kbps	21.49	21.50	21.44	22.00
3GPP Rel 6	HSDPA Subtest-1	20.38	20.56	20.42	21.00
3GPP Rel 6	HSDPA Subtest-2	20.43	20.44	20.36	21.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.01	19.99	20.50
3GPP Rel 6	HSDPA Subtest-4	19.80	20.05	19.94	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.28	20.49	20.41	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.37	20.29	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.83	20.13	19.99	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.77	19.97	19.88	20.50
3GPP Rel 6	HSUPA Subtest-1	20.32	20.58	20.49	22.00
3GPP Rel 6	HSUPA Subtest-2	18.39	18.52	18.60	20.00
3GPP Rel 6	HSUPA Subtest-3	19.23	19.48	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.26	18.55	18.38	20.00
3GPP Rel 6	HSUPA Subtest-5	20.42	20.48	20.56	22.00

Band 5 Ant1_DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.34	21.45	21.33	22.7	0
10	QPSK	1	25	21.33	21.31	21.28		
10	QPSK	1	49	21.28	21.26	21.24		
10	QPSK	25	0	21.36	21.40	21.31	22.7	0
10	QPSK	25	12	21.24	21.32	21.34		
10	QPSK	25	25	21.30	21.37	21.26		
10	QPSK	50	0	21.23	21.40	21.32		
10	16QAM	1	0	21.36	21.31	21.19	22.7	0
10	16QAM	1	25	21.37	21.30	21.34		
10	16QAM	1	49	21.40	21.26	21.25		
10	16QAM	25	0	21.40	21.35	21.33	22.7	0
10	16QAM	25	12	21.21	21.38	21.39		
10	16QAM	25	25	21.43	21.39	21.36		
10	16QAM	50	0	21.26	21.35	21.38		
10	64QAM	1	0	21.29	21.23	21.20	22.7	0
10	64QAM	1	25	21.34	21.29	21.44		
10	64QAM	1	49	21.44	21.35	21.37		
10	64QAM	25	0	21.26	21.43	21.44	22.7	0
10	64QAM	25	12	21.41	21.28	21.41		
10	64QAM	25	25	21.25	21.36	21.26		
10	64QAM	50	0	21.36	21.19	21.31		
10	256QAM	1	0	19.39	19.55	19.43	20.7	2
10	256QAM	1	25	19.50	19.36	19.34		
10	256QAM	1	49	19.34	19.50	19.32		
10	256QAM	25	0	19.47	19.45	19.37	20.7	2
10	256QAM	25	12	19.45	19.39	19.59		
10	256QAM	25	25	19.51	19.39	19.49		
10	256QAM	50	0	19.41	19.47	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.22	21.37	21.22	22.7	0
5	QPSK	1	12	21.30	21.10	21.20		
5	QPSK	1	24	21.29	21.05	21.07		
5	QPSK	12	0	21.31	21.28	21.25	22.7	0
5	QPSK	12	7	21.19	21.33	21.36		
5	QPSK	12	13	21.10	21.20	21.13		
5	QPSK	25	0	21.12	21.41	21.19		
5	16QAM	1	0	21.30	21.18	21.09	22.7	0
5	16QAM	1	12	21.25	21.20	21.30		
5	16QAM	1	24	21.30	21.12	21.15		
5	16QAM	12	0	21.41	21.31	21.28	22.7	0
5	16QAM	12	7	21.22	21.33	21.40		
5	16QAM	12	13	21.39	21.38	21.30		
5	16QAM	25	0	21.21	21.26	21.18		
5	64QAM	1	0	21.24	21.02	21.22	22.7	0
5	64QAM	1	12	21.24	21.23	21.40		
5	64QAM	1	24	21.24	21.27	21.16		
5	64QAM	12	0	21.21	21.29	21.13	22.7	0
5	64QAM	12	7	21.07	21.11	21.32		
5	64QAM	12	13	21.28	21.13	21.10		
5	64QAM	25	0	21.14	21.06	21.22		
5	256QAM	1	0	19.37	19.40	19.41	20.7	2
5	256QAM	1	12	19.42	19.32	19.21		
5	256QAM	1	24	19.14	19.51	19.19		
5	256QAM	12	0	19.45	19.35	19.27	20.7	2
5	256QAM	12	7	19.33	19.20	19.51		
5	256QAM	12	13	19.49	19.28	19.41		
5	256QAM	25	0	19.39	19.41	19.27		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.13	21.30	21.20	22.7	0
3	QPSK	1	8	21.19	21.18	21.05		
3	QPSK	1	14	21.22	21.04	21.08		
3	QPSK	8	0	21.16	21.13	21.25	22.7	0
3	QPSK	8	4	21.10	21.27	21.14		
3	QPSK	8	7	21.22	21.30	21.10		
3	QPSK	15	0	21.12	21.16	21.08		
3	16QAM	1	0	21.10	21.23	21.13	22.7	0
3	16QAM	1	8	21.22	21.13	21.25		
3	16QAM	1	14	21.21	21.05	21.11		
3	16QAM	8	0	21.13	21.25	21.08	22.7	0
3	16QAM	8	4	21.00	21.35	21.27		
3	16QAM	8	7	21.17	21.26	21.22		
3	16QAM	15	0	21.06	21.09	21.16		
3	64QAM	1	0	21.14	21.16	21.00	22.7	0
3	64QAM	1	8	21.26	21.18	21.26		
3	64QAM	1	14	21.26	21.25	21.21		
3	64QAM	8	0	21.19	21.12	21.15	22.7	0
3	64QAM	8	4	20.98	21.19	21.22		
3	64QAM	8	7	21.18	21.16	21.21		
3	64QAM	15	0	21.20	21.15	21.25		
3	256QAM	1	0	19.27	19.30	19.23	20.7	2
3	256QAM	1	8	19.42	19.09	19.22		
3	256QAM	1	14	19.29	19.35	19.10		
3	256QAM	8	0	19.27	19.20	19.12	20.7	2
3	256QAM	8	4	19.24	19.31	19.45		
3	256QAM	8	7	19.40	19.29	19.38		
3	256QAM	15	0	19.32	19.25	19.08		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.10	21.26	21.15	22.7	0
1.4	QPSK	1	3	21.14	21.04	21.07		
1.4	QPSK	1	5	21.05	20.96	21.14		
1.4	QPSK	3	0	21.22	21.20	21.13		
1.4	QPSK	3	1	21.08	21.16	21.14		
1.4	QPSK	3	3	20.99	21.23	21.02		
1.4	QPSK	6	0	21.12	21.24	21.09	22.7	0
1.4	16QAM	1	0	21.10	21.20	20.95	22.7	0
1.4	16QAM	1	3	21.14	21.04	21.06		
1.4	16QAM	1	5	21.10	21.05	21.09		
1.4	16QAM	3	0	21.28	21.08	21.05		
1.4	16QAM	3	1	21.07	21.28	21.12		
1.4	16QAM	3	3	21.27	21.19	21.27		
1.4	16QAM	6	0	21.15	21.09	21.26	22.7	0
1.4	64QAM	1	0	21.13	20.97	20.92	22.7	0
1.4	64QAM	1	3	21.23	21.21	21.22		
1.4	64QAM	1	5	21.24	21.22	21.23		
1.4	64QAM	3	0	21.18	21.15	21.36		
1.4	64QAM	3	1	21.38	21.26	21.41		
1.4	64QAM	3	3	21.27	21.26	21.24		
1.4	64QAM	6	0	21.18	21.16	21.15	22.7	0
1.4	256QAM	1	0	19.25	19.35	19.21	20.7	2
1.4	256QAM	1	3	19.25	19.17	19.18		
1.4	256QAM	1	5	19.06	19.41	19.18		
1.4	256QAM	3	0	19.32	19.24	19.24		
1.4	256QAM	3	1	19.21	19.10	19.35		
1.4	256QAM	3	3	19.41	19.12	19.40		
1.4	256QAM	6	0	19.31	19.24	19.22	20.7	2

Band 12 Ant1 DSI1

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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.34	24.46	24.29	25.7	0
10	QPSK	1	25	24.44	24.39	24.33		
10	QPSK	1	49	24.45	24.43	24.45		
10	QPSK	25	0	23.48	23.54	23.44	24.7	1
10	QPSK	25	12	23.53	23.53	23.46		
10	QPSK	25	25	23.49	23.52	23.47		
10	QPSK	50	0	23.48	23.53	23.45		
10	16QAM	1	0	23.59	23.49	23.55	24.7	1
10	16QAM	1	25	23.49	23.56	23.57		
10	16QAM	1	49	23.39	23.53	23.38		
10	16QAM	25	0	22.43	22.46	22.45	23.7	2
10	16QAM	25	12	22.57	22.53	22.48		
10	16QAM	25	25	22.52	22.56	22.54		
10	16QAM	50	0	22.52	22.49	22.46		
10	64QAM	1	0	22.54	22.46	22.51	23.7	2
10	64QAM	1	25	22.70	22.65	22.53		
10	64QAM	1	49	22.59	22.65	22.60		
10	64QAM	25	0	21.46	21.45	21.43	22.7	3
10	64QAM	25	12	21.55	21.54	21.46		
10	64QAM	25	25	21.53	21.51	21.52		
10	64QAM	50	0	21.50	21.50	21.45		
10	256QAM	1	0	19.36	19.51	19.39	20.7	5
10	256QAM	1	25	19.40	19.36	19.39		
10	256QAM	1	49	19.55	19.34	19.45		
10	256QAM	25	0	19.54	19.56	19.52	20.7	5
10	256QAM	25	12	19.57	19.56	19.56		
10	256QAM	25	25	19.53	19.59	19.43		
10	256QAM	50	0	19.42	19.54	19.42		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.36	24.43	24.37	25.7	0
5	QPSK	1	12	24.40	24.36	24.45		
5	QPSK	1	24	24.39	24.42	24.39		
5	QPSK	12	0	23.42	23.40	23.42	24.7	1
5	QPSK	12	7	23.50	23.50	23.50		
5	QPSK	12	13	23.45	23.44	23.46		
5	QPSK	25	0	23.48	23.45	23.48		
5	16QAM	1	0	23.30	23.35	23.39	24.7	1
5	16QAM	1	12	23.54	23.45	23.58		
5	16QAM	1	24	23.42	23.35	23.39		
5	16QAM	12	0	22.45	22.48	22.46	23.7	2
5	16QAM	12	7	22.58	22.52	22.55		
5	16QAM	12	13	22.52	22.50	22.55		
5	16QAM	25	0	22.52	22.49	22.49		
5	64QAM	1	0	22.62	22.66	22.54	23.7	2
5	64QAM	1	12	22.62	22.60	22.72		
5	64QAM	1	24	22.56	22.57	22.61		
5	64QAM	12	0	21.45	21.45	21.45	22.7	3
5	64QAM	12	7	21.54	21.53	21.52		
5	64QAM	12	13	21.51	21.50	21.50		
5	64QAM	25	0	21.52	21.48	21.49		
5	256QAM	1	0	19.42	19.47	19.39	20.7	5
5	256QAM	1	12	19.42	19.25	19.38		
5	256QAM	1	24	19.32	19.45	19.49		
5	256QAM	12	0	19.51	19.33	19.34	20.7	5
5	256QAM	12	7	19.52	19.54	19.38		
5	256QAM	12	13	19.52	19.33	19.43		
5	256QAM	25	0	19.51	19.42	19.47		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.32	24.35	25.7	0
3	QPSK	1	8	24.45	24.42	24.42		
3	QPSK	1	14	24.35	24.33	24.34		
3	QPSK	8	0	23.51	23.43	23.43	24.7	1
3	QPSK	8	4	23.53	23.50	23.50		
3	QPSK	8	7	23.47	23.45	23.46		
3	QPSK	15	0	23.49	23.46	23.39		
3	16QAM	1	0	23.41	23.42	23.42	24.7	1
3	16QAM	1	8	23.58	23.53	23.60		
3	16QAM	1	14	23.41	23.43	23.38		
3	16QAM	8	0	22.61	22.53	22.51	23.7	2
3	16QAM	8	4	22.62	22.61	22.59		
3	16QAM	8	7	22.58	22.56	22.53		
3	16QAM	15	0	22.52	22.50	22.43		
3	64QAM	1	0	22.59	22.63	22.51	23.7	2
3	64QAM	1	8	22.66	22.61	22.56		
3	64QAM	1	14	22.51	22.46	22.53		
3	64QAM	8	0	21.60	21.44	21.46	22.7	3
3	64QAM	8	4	21.57	21.55	21.55		
3	64QAM	8	7	21.52	21.48	21.50		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.45	19.21	19.37	20.7	5
3	256QAM	1	8	19.53	19.54	19.49		
3	256QAM	1	14	19.27	19.31	19.38		
3	256QAM	8	0	19.52	19.36	19.53	20.7	5
3	256QAM	8	4	19.53	19.51	19.43		
3	256QAM	8	7	19.51	19.34	19.53		
3	256QAM	15	0	19.46	19.39	19.31		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.21	24.32	24.23	25.7	0
1.4	QPSK	1	3	24.26	24.36	24.38		
1.4	QPSK	1	5	24.38	24.37	24.32		
1.4	QPSK	3	0	24.29	24.19	24.32		
1.4	QPSK	3	1	24.40	24.42	24.41		
1.4	QPSK	3	3	24.30	24.22	24.23		
1.4	QPSK	6	0	23.26	23.28	23.42	24.7	1
1.4	16QAM	1	0	23.29	23.40	23.42	24.7	1
1.4	16QAM	1	3	23.37	23.32	23.47		
1.4	16QAM	1	5	23.29	23.32	23.40		
1.4	16QAM	3	0	23.12	23.13	23.39		
1.4	16QAM	3	1	23.44	23.37	23.59		
1.4	16QAM	3	3	23.41	23.30	23.27		
1.4	16QAM	6	0	22.29	22.50	22.24	23.7	2
1.4	64QAM	1	0	22.49	22.31	22.50	23.7	2
1.4	64QAM	1	3	22.45	22.49	22.46		
1.4	64QAM	1	5	22.37	22.40	22.29		
1.4	64QAM	3	0	22.46	22.52	22.39		
1.4	64QAM	3	1	22.59	22.47	22.68		
1.4	64QAM	3	3	22.51	22.36	22.43		
1.4	64QAM	6	0	21.47	21.41	21.41	22.7	3
1.4	256QAM	1	0	19.24	19.29	19.16	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.45		
1.4	256QAM	1	5	19.38	19.33	19.30		
1.4	256QAM	3	0	19.23	19.31	19.40		
1.4	256QAM	3	1	19.36	19.44	19.52		
1.4	256QAM	3	3	19.34	19.15	19.34		
1.4	256QAM	6	0	19.15	19.37	19.54	20.7	5

Band 13 Ant1 DSI1

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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		22.62		23.7	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.59			
10	QPSK	25	0		22.48		23.7	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.46			
10	QPSK	50	0		22.42			
10	16QAM	1	0		22.35		23.7	0
10	16QAM	1	25		22.38			
10	16QAM	1	49		22.41			
10	16QAM	25	0		22.03		23.7	0
10	16QAM	25	12		22.05			
10	16QAM	25	25		22.12			
10	16QAM	50	0		22.04			
10	64QAM	1	0		22.04		23.7	0
10	64QAM	1	25		22.23			
10	64QAM	1	49		22.17			
10	64QAM	25	0		21.04		22.7	1
10	64QAM	25	12		21.04			
10	64QAM	25	25		21.09			
10	64QAM	50	0		21.00			
10	256QAM	1	0		19.28		20.7	3
10	256QAM	1	25		19.31			
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.32		20.7	3
10	256QAM	25	12		19.36			
10	256QAM	25	25		19.32			
10	256QAM	50	0		19.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.53	22.57	22.53	23.7	0
5	QPSK	1	12	22.61	22.58	22.50		
5	QPSK	1	24	22.54	22.57	22.54		
5	QPSK	12	0	22.32	22.35	22.35	23.7	0
5	QPSK	12	7	22.42	22.40	22.47		
5	QPSK	12	13	22.41	22.45	22.42		
5	QPSK	25	0	22.39	22.35	22.41		
5	16QAM	1	0	22.48	22.56	22.49	23.7	0
5	16QAM	1	12	22.60	22.59	22.60		
5	16QAM	1	24	22.48	22.55	22.57		
5	16QAM	12	0	22.35	22.42	22.45	23.7	0
5	16QAM	12	7	22.52	22.47	22.53		
5	16QAM	12	13	22.44	22.51	22.49		
5	16QAM	25	0	22.44	22.41	22.45		
5	64QAM	1	0	22.49	22.56	22.56	23.7	0
5	64QAM	1	12	22.42	22.36	22.52		
5	64QAM	1	24	22.53	22.57	22.52		
5	64QAM	12	0	21.35	21.40	21.40	22.7	1
5	64QAM	12	7	21.48	21.43	21.53		
5	64QAM	12	13	21.47	21.46	21.45		
5	64QAM	25	0	21.00	21.11	21.13		
5	256QAM	1	0	19.10	19.30	18.99	20.7	3
5	256QAM	1	12	18.99	19.25	19.11		
5	256QAM	1	24	19.21	19.05	19.07		
5	256QAM	12	0	19.17	19.28	19.03	20.7	3
5	256QAM	12	7	19.26	19.28	19.26		
5	256QAM	12	13	19.28	19.37	19.06		
5	256QAM	25	0	19.27	19.22	19.05		

Band 17 Ant1 DSI1

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.26	24.36	24.27	25.7	0
10	QPSK	1	25	24.35	24.31	24.35		
10	QPSK	1	49	24.28	24.30	24.26		
10	QPSK	25	0	23.37	23.45	23.36	24.7	1
10	QPSK	25	12	23.34	23.37	23.41		
10	QPSK	25	25	23.39	23.39	23.37		
10	QPSK	50	0	23.41	23.42	23.32		
10	16QAM	1	0	23.63	23.70	23.64	24.7	1
10	16QAM	1	25	23.56	23.74	23.63		
10	16QAM	1	49	23.71	23.69	23.70		
10	16QAM	25	0	22.39	22.38	22.38	23.7	2
10	16QAM	25	12	22.47	22.40	22.49		
10	16QAM	25	25	22.42	22.43	22.43		
10	16QAM	50	0	22.41	22.33	22.44		
10	64QAM	1	0	22.42	22.40	22.49	23.7	2
10	64QAM	1	25	22.50	22.45	22.59		
10	64QAM	1	49	22.53	22.51	22.51		
10	64QAM	25	0	21.37	21.37	21.38	22.7	3
10	64QAM	25	12	21.48	21.41	21.47		
10	64QAM	25	25	21.39	21.40	21.43		
10	64QAM	50	0	21.40	21.34	21.42		
10	256QAM	1	0	19.09	19.29	19.07	20.7	5
10	256QAM	1	25	18.97	19.31	19.16		
10	256QAM	1	49	19.28	19.09	19.14		
10	256QAM	25	0	19.18	19.25	19.03	20.7	5
10	256QAM	25	12	19.29	19.29	19.27		
10	256QAM	25	25	19.40	19.37	19.01		
10	256QAM	50	0	19.28	19.15	19.11		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.32	24.33	24.31	25.7	0
5	QPSK	1	12	24.31	24.31	24.34		
5	QPSK	1	24	24.23	24.22	24.24		
5	QPSK	12	0	23.33	23.34	23.33	24.7	1
5	QPSK	12	7	23.38	23.37	23.36		
5	QPSK	12	13	23.31	23.32	23.30		
5	QPSK	25	0	23.36	23.27	23.28		
5	16QAM	1	0	23.66	23.71	23.72	24.7	1
5	16QAM	1	12	23.69	23.75	23.75		
5	16QAM	1	24	23.57	23.54	23.66		
5	16QAM	12	0	22.38	22.39	22.39	23.7	2
5	16QAM	12	7	22.43	22.45	22.43		
5	16QAM	12	13	22.37	22.31	22.33		
5	16QAM	25	0	22.37	22.30	22.30		
5	64QAM	1	0	22.49	22.42	22.42	23.7	2
5	64QAM	1	12	22.50	22.45	22.56		
5	64QAM	1	24	22.43	22.43	22.42		
5	64QAM	12	0	21.35	21.34	21.40	22.7	3
5	64QAM	12	7	21.42	21.41	21.42		
5	64QAM	12	13	21.33	21.31	21.31		
5	64QAM	25	0	21.35	21.30	21.29		
5	256QAM	1	0	19.08	19.32	19.04	20.7	5
5	256QAM	1	12	18.96	19.26	19.15		
5	256QAM	1	24	19.22	19.04	19.16		
5	256QAM	12	0	19.18	19.23	19.09	20.7	5
5	256QAM	12	7	19.26	19.32	19.35		
5	256QAM	12	13	19.36	19.40	19.13		
5	256QAM	25	0	19.28	19.17	19.07		

Band 26 Ant1_DSI1								
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				26755	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.41	21.46	21.34	22.7	0
15	QPSK	1	37	21.31	21.35	21.37		
15	QPSK	1	74	21.21	21.20	21.20		
15	QPSK	36	0	21.32	21.42	21.38	22.7	0
15	QPSK	36	20	21.39	21.28	21.32		
15	QPSK	36	39	21.38	21.37	21.40		
15	QPSK	75	0	21.40	21.43	21.39		
15	16QAM	1	0	21.24	21.34	21.39	22.7	0
15	16QAM	1	37	21.36	21.26	21.40		
15	16QAM	1	74	21.33	21.45	21.39		
15	16QAM	36	0	21.35	21.34	21.37	22.7	0
15	16QAM	36	20	21.41	21.32	21.44		
15	16QAM	36	39	21.39	21.38	21.41		
15	16QAM	75	0	21.40	21.41	21.44		
15	64QAM	1	0	21.45	21.25	21.33	22.7	0
15	64QAM	1	37	21.27	21.32	21.31		
15	64QAM	1	74	21.41	21.28	21.32		
15	64QAM	36	0	21.32	21.43	21.38	22.7	0
15	64QAM	36	20	21.37	21.43	21.43		
15	64QAM	36	39	21.37	21.29	21.39		
15	64QAM	75	0	21.37	21.45	21.44		
15	256QAM	1	0	18.93	19.18	18.90	20.7	2
15	256QAM	1	37	18.78	19.18	19.06		
15	256QAM	1	74	19.13	18.99	19.02		
15	256QAM	36	0	19.04	19.09	18.92	20.7	2
15	256QAM	36	20	19.10	19.17	19.07		
15	256QAM	36	39	19.23	19.27	18.87		
15	256QAM	75	0	19.09	19.01	18.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.21	21.31	21.20	22.7	0
10	QPSK	1	25	21.28	21.30	21.20		
10	QPSK	1	49	21.07	21.17	21.21		
10	QPSK	25	0	21.25	21.20	21.17	22.7	0
10	QPSK	25	12	21.38	21.13	21.24		
10	QPSK	25	25	21.32	21.37	21.31		
10	QPSK	50	0	21.27	21.36	21.32		
10	16QAM	1	0	21.18	21.19	21.31	22.7	0
10	16QAM	1	25	21.37	21.13	21.22		
10	16QAM	1	49	21.20	21.45	21.32		
10	16QAM	25	0	21.14	21.20	21.38	22.7	0
10	16QAM	25	12	21.40	21.33	21.24		
10	16QAM	25	25	21.18	21.31	21.29		
10	16QAM	50	0	21.30	21.43	21.40		
10	64QAM	1	0	21.25	21.15	21.13	22.7	0
10	64QAM	1	25	21.08	21.33	21.12		
10	64QAM	1	49	21.38	21.20	21.12		
10	64QAM	25	0	21.23	21.41	21.20	22.7	0
10	64QAM	25	12	21.26	21.28	21.27		
10	64QAM	25	25	21.17	21.17	21.25		
10	64QAM	50	0	21.22	21.26	21.44		
10	256QAM	1	0	18.93	19.18	18.90	20.7	2
10	256QAM	1	25	18.78	19.18	19.06		
10	256QAM	1	49	19.13	18.99	19.02		
10	256QAM	25	0	19.04	19.09	18.92	20.7	2
10	256QAM	25	12	19.10	19.17	19.07		
10	256QAM	25	25	19.23	19.27	18.87		
10	256QAM	50	0	19.09	19.01	18.93		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.29	21.27	21.11	22.7	0
5	QPSK	1	12	21.16	21.31	21.30		
5	QPSK	1	24	20.99	20.98	20.94		
5	QPSK	12	0	21.10	21.25	21.31	22.7	0
5	QPSK	12	7	21.34	21.18	21.18		
5	QPSK	12	13	21.20	21.22	21.14		
5	QPSK	25	0	21.31	21.20	21.17		
5	16QAM	1	0	21.19	21.19	21.16	22.7	0
5	16QAM	1	12	21.23	21.22	21.22		
5	16QAM	1	24	21.08	21.41	21.25		
5	16QAM	12	0	21.28	21.17	21.12	22.7	0
5	16QAM	12	7	21.23	21.14	21.33		
5	16QAM	12	13	21.33	21.17	21.34		
5	16QAM	25	0	21.30	21.22	21.37		
5	64QAM	1	0	21.38	21.04	21.16	22.7	0
5	64QAM	1	12	21.21	21.10	21.25		
5	64QAM	1	24	21.32	21.24	21.14		
5	64QAM	12	0	21.15	21.16	21.28	22.7	0
5	64QAM	12	7	21.12	21.22	21.29		
5	64QAM	12	13	21.26	21.19	21.34		
5	64QAM	25	0	21.30	21.34	21.17		
5	256QAM	1	0	18.93	19.18	18.90	20.7	2
5	256QAM	1	12	18.78	19.18	19.06		
5	256QAM	1	24	19.13	18.99	19.02		
5	256QAM	12	0	19.04	19.09	18.92	20.7	2
5	256QAM	12	7	19.10	19.17	19.07		
5	256QAM	12	13	19.23	19.27	18.87		
5	256QAM	25	0	19.09	19.01	18.93		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.16	21.32	21.08	22.7	0
3	QPSK	1	8	21.22	21.26	21.18		
3	QPSK	1	14	21.08	21.15	21.06		
3	QPSK	8	0	21.27	21.17	21.25	22.7	0
3	QPSK	8	4	21.27	21.06	21.19		
3	QPSK	8	7	21.23	21.34	21.36		
3	QPSK	15	0	21.20	21.36	21.19		
3	16QAM	1	0	20.97	21.09	21.18	22.7	0
3	16QAM	1	8	21.15	21.22	21.36		
3	16QAM	1	14	21.28	21.20	21.35		
3	16QAM	8	0	21.26	21.15	21.22	22.7	0
3	16QAM	8	4	21.31	21.23	21.20		
3	16QAM	8	7	21.23	21.23	21.32		
3	16QAM	15	0	21.25	21.28	21.20		
3	64QAM	1	0	21.33	21.14	21.20	22.7	0
3	64QAM	1	8	21.10	21.05	21.17		
3	64QAM	1	14	21.34	21.14	21.14		
3	64QAM	8	0	21.10	21.39	21.18	22.7	0
3	64QAM	8	4	21.31	21.36	21.27		
3	64QAM	8	7	21.27	21.09	21.20		
3	64QAM	15	0	21.11	21.36	21.29		
3	256QAM	1	0	18.93	19.18	18.90	20.7	2
3	256QAM	1	8	18.78	19.18	19.06		
3	256QAM	1	14	19.13	18.99	19.02		
3	256QAM	8	0	19.04	19.09	18.92	20.7	2
3	256QAM	8	4	19.10	19.17	19.07		
3	256QAM	8	7	19.23	19.27	18.87		
3	256QAM	15	0	19.09	19.01	18.93		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.25	21.21	22.7	0
1.4	QPSK	1	3	21.10	21.18	21.20		
1.4	QPSK	1	5	20.97	21.09	21.01		
1.4	QPSK	3	0	21.21	21.27	21.17		
1.4	QPSK	3	1	21.09	21.12	21.24		
1.4	QPSK	3	3	21.17	21.17	21.23		
1.4	QPSK	6	0	21.24	21.24	21.09	22.7	0
1.4	16QAM	1	0	21.15	21.24	21.07	22.7	0
1.4	16QAM	1	3	21.07	21.13	21.31		
1.4	16QAM	1	5	21.21	21.14	21.15		
1.4	16QAM	3	0	21.03	21.17	21.12		
1.4	16QAM	3	1	21.29	21.17	21.29		
1.4	16QAM	3	3	21.12	21.29	21.27		
1.4	16QAM	6	0	21.15	21.21	21.13	22.7	0
1.4	64QAM	1	0	21.28	21.07	21.16	22.7	0
1.4	64QAM	1	3	21.04	21.20	21.16		
1.4	64QAM	1	5	21.20	20.99	21.03		
1.4	64QAM	3	0	21.13	21.17	21.12		
1.4	64QAM	3	1	21.12	21.32	21.21		
1.4	64QAM	3	3	21.12	21.05	21.27		
1.4	64QAM	6	0	21.19	21.14	21.22	22.7	0
1.4	256QAM	1	0	18.93	19.18	18.90	20.7	2
1.4	256QAM	1	3	18.78	19.18	19.06		
1.4	256QAM	1	5	19.13	18.99	19.02		
1.4	256QAM	3	0	19.04	19.09	18.92		
1.4	256QAM	3	1	19.10	19.17	19.07		
1.4	256QAM	3	3	19.23	19.27	18.87		
1.4	256QAM	6	0	19.09	19.01	18.93	20.7	2

GSM1900 Ant3 DSI1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	29.88	30.01	30.50	21.02	20.88	21.01	21.50
GPRS 1 Tx slot	29.93	29.75	29.74	30.50	20.93	20.75	20.74	21.50
GPRS 2 Tx slots	26.76	26.57	26.43	27.50	20.76	20.57	20.43	21.50
GPRS 3 Tx slots	24.57	24.68	24.83	25.50	20.31	20.42	20.57	21.24
GPRS 4 Tx slots	23.31	23.32	23.19	24.50	20.31	20.32	20.19	21.50
EDGE 1 Tx slot	25.73	25.78	25.98	26.50	16.73	16.78	16.98	17.50
EDGE 2 Tx slots	22.45	22.38	22.33	24.00	16.45	16.38	16.33	18.00
EDGE 3 Tx slots	20.60	20.66	20.82	21.50	16.34	16.40	16.56	17.24
EDGE 4 Tx slots	18.92	19.04	19.27	20.50	15.92	16.04	16.27	17.50

WCDMA Ⅱ Ant3 DSI1 / WCDMA Ⅳ Ant3 DSI1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.85	23.87	23.71	25.00	23.80	23.93	23.84	25.00
3GPP Rel 99	RMC 12.2Kbps	23.92	23.93	23.88	25.00	23.84	23.99	23.92	25.00
3GPP Rel 6	HSDPA Subtest-1	22.90	22.74	22.69	24.00	22.76	22.64	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.85	22.78	22.85	24.00	22.68	22.71	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.27	22.10	22.06	23.50	21.88	22.24	21.77	23.50
3GPP Rel 6	HSDPA Subtest-4	21.96	22.18	22.17	23.50	21.91	22.07	22.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.69	22.82	24.00	22.71	22.79	22.74	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.85	22.95	24.00	22.65	22.75	22.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.08	21.94	23.50	21.80	22.11	21.80	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.02	22.30	22.12	23.50	21.99	22.19	21.89	23.50
3GPP Rel 6	HSUPA Subtest-1	22.71	22.69	22.86	24.00	22.73	22.54	22.82	24.00
3GPP Rel 6	HSUPA Subtest-2	20.68	20.80	20.85	22.00	20.86	20.99	20.71	22.00
3GPP Rel 6	HSUPA Subtest-3	21.78	21.76	21.42	23.00	21.64	21.94	21.57	23.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.66	20.65	22.00	20.46	20.48	20.31	22.00
3GPP Rel 6	HSUPA Subtest-5	23.06	22.66	22.84	24.00	22.91	22.75	22.86	24.00

Band 2 Ant3 DSI1

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	24.26	24.28	24.17	25.5	0
20	QPSK	1	49	24.26	24.18	24.25		
20	QPSK	1	99	24.14	24.07	24.15		
20	QPSK	50	0	23.28	23.35	23.23	24.5	1
20	QPSK	50	24	23.25	23.22	23.27		
20	QPSK	50	50	23.26	23.24	23.24		
20	QPSK	100	0	23.19	23.33	23.21		
20	16QAM	1	0	23.35	23.34	23.30	24.5	1
20	16QAM	1	49	23.52	23.62	23.44		
20	16QAM	1	99	23.26	23.18	23.18		
20	16QAM	50	0	22.32	22.24	22.24	23.5	2
20	16QAM	50	24	22.35	22.21	22.25		
20	16QAM	50	50	22.27	22.25	22.29		
20	16QAM	100	0	22.32	22.20	22.23		
20	64QAM	1	0	22.40	22.44	22.34	23.5	2
20	64QAM	1	49	22.47	22.51	22.31		
20	64QAM	1	99	22.27	22.32	22.31		
20	64QAM	50	0	21.30	21.26	21.27	22.5	3
20	64QAM	50	24	21.34	21.22	21.25		
20	64QAM	50	50	21.25	21.24	21.29		
20	64QAM	100	0	21.32	21.21	21.21		
20	256QAM	1	0	19.16	19.36	19.15	20.5	5
20	256QAM	1	49	19.33	19.18	19.16		
20	256QAM	1	99	19.22	18.98	19.22		
20	256QAM	50	0	19.35	19.39	19.22	20.5	5
20	256QAM	50	24	19.26	19.16	19.16		
20	256QAM	50	50	19.15	19.27	19.26		
20	256QAM	100	0	19.17	19.33	19.27		
Channel				342.6	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				24.26	1880	1902.5		
15	QPSK	1	0	24.26	24.05	24.12	25.5	0
15	QPSK	1	37	24.20	24.04	24.25		
15	QPSK	1	74	24.11	24.05	24.15		
15	QPSK	36	0	23.22	23.19	23.12	24.5	1
15	QPSK	36	20	23.13	23.12	23.16		
15	QPSK	36	39	23.08	23.02	23.28		
15	QPSK	75	0	23.32	23.18	23.23		
15	16QAM	1	0	23.13	23.24	23.12	24.5	1
15	16QAM	1	37	23.48	23.38	23.21		
15	16QAM	1	74	23.06	23.02	23.04		
15	16QAM	36	0	22.08	22.00	22.14	23.5	2
15	16QAM	36	20	22.35	22.25	22.10		
15	16QAM	36	39	22.16	22.14	22.16		
15	16QAM	75	0	22.36	22.05	22.18		
15	64QAM	1	0	22.22	22.20	22.33	23.5	2
15	64QAM	1	37	22.30	22.33	22.14		
15	64QAM	1	74	22.14	22.17	22.19		
15	64QAM	36	0	21.23	21.29	21.24	22.5	3
15	64QAM	36	20	21.13	21.26	21.05		
15	64QAM	36	39	21.27	21.27	21.32		
15	64QAM	75	0	21.20	21.16	21.04		
15	256QAM	1	0	19.15	18.97	19.21	20.5	5
15	256QAM	1	37	19.27	19.02	19.24		
15	256QAM	1	74	19.04	19.11	19.13		
15	256QAM	36	0	19.34	19.26	19.02	20.5	5
15	256QAM	36	20	19.19	19.21	19.12		
15	256QAM	36	39	19.12	19.06	19.28		
15	256QAM	75	0	19.39	19.27	19.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.14	24.16	24.21	25.5	0
10	QPSK	1	25	24.26	23.98	24.21		
10	QPSK	1	49	23.92	23.84	23.97		
10	QPSK	25	0	23.19	23.22	23.26	24.5	1
10	QPSK	25	12	23.19	23.16	23.16		
10	QPSK	25	25	23.28	23.15	23.18		
10	QPSK	50	0	23.24	23.17	23.16		
10	16QAM	1	0	23.33	23.21	23.27	24.5	1
10	16QAM	1	25	23.54	23.42	23.30		
10	16QAM	1	49	23.04	23.11	23.15		
10	16QAM	25	0	22.17	22.26	21.99	23.5	2
10	16QAM	25	12	22.25	22.00	22.16		
10	16QAM	25	25	22.05	22.26	22.24		
10	16QAM	50	0	22.07	22.14	22.07		
10	64QAM	1	0	22.22	22.41	22.34	23.5	2
10	64QAM	1	25	22.35	22.27	22.26		
10	64QAM	1	49	22.19	22.18	22.29		
10	64QAM	25	0	21.34	21.19	21.15	22.5	3
10	64QAM	25	12	21.24	21.23	21.05		
10	64QAM	25	25	21.08	21.14	21.24		
10	64QAM	50	0	21.33	20.99	21.22		
10	256QAM	1	0	19.06	19.26	19.21	20.5	5
10	256QAM	1	25	19.17	18.98	19.22		
10	256QAM	1	49	19.00	18.89	19.06		
10	256QAM	25	0	19.08	19.15	19.30	20.5	5
10	256QAM	25	12	19.15	19.26	19.10		
10	256QAM	25	25	19.35	19.23	19.08		
10	256QAM	50	0	19.29	19.23	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.14	24.22	24.02	25.5	0
5	QPSK	1	12	24.11	24.08	24.26		
5	QPSK	1	24	24.04	24.05	24.06		
5	QPSK	12	0	23.28	23.29	23.17	24.5	1
5	QPSK	12	7	23.23	23.19	23.30		
5	QPSK	12	13	23.15	23.18	23.08		
5	QPSK	25	0	23.24	22.95	23.02		
5	16QAM	1	0	23.37	23.31	23.08	24.5	1
5	16QAM	1	12	23.52	23.39	23.39		
5	16QAM	1	24	23.02	23.16	23.07		
5	16QAM	12	0	22.15	22.07	22.18	23.5	2
5	16QAM	12	7	22.28	22.09	22.20		
5	16QAM	12	13	22.07	22.26	22.07		
5	16QAM	25	0	22.18	22.16	22.23		
5	64QAM	1	0	22.44	22.44	22.10	23.5	2
5	64QAM	1	12	22.48	22.52	22.35		
5	64QAM	1	24	22.08	22.16	22.32		
5	64QAM	12	0	21.26	21.15	21.29	22.5	3
5	64QAM	12	7	21.15	20.97	21.15		
5	64QAM	12	13	21.01	21.22	21.11		
5	64QAM	25	0	21.18	21.12	21.10		
5	256QAM	1	0	19.22	19.23	19.00	20.5	5
5	256QAM	1	12	18.99	19.16	19.25		
5	256QAM	1	24	19.12	19.03	19.03		
5	256QAM	12	0	19.18	19.26	19.27	20.5	5
5	256QAM	12	7	19.19	19.28	19.19		
5	256QAM	12	13	19.21	19.24	19.14		
5	256QAM	25	0	19.23	19.03	19.01		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.12	24.09	25.5	0
3	QPSK	1	8	24.22	24.07	24.11		
3	QPSK	1	14	24.12	24.00	23.90		
3	QPSK	8	0	23.26	23.20	23.16	24.5	1
3	QPSK	8	4	23.26	22.99	23.06		
3	QPSK	8	7	23.03	23.21	23.15		
3	QPSK	15	0	23.34	23.23	23.10		
3	16QAM	1	0	23.24	23.32	23.29	24.5	1
3	16QAM	1	8	23.32	23.27	23.21		
3	16QAM	1	14	23.25	23.04	23.00		
3	16QAM	8	0	22.22	22.26	22.06	23.5	2
3	16QAM	8	4	22.20	22.19	22.06		
3	16QAM	8	7	22.29	22.21	22.17		
3	16QAM	15	0	22.12	22.02	22.21		
3	64QAM	1	0	22.26	22.42	22.14	23.5	2
3	64QAM	1	8	22.26	22.33	22.12		
3	64QAM	1	14	22.12	22.24	22.34		
3	64QAM	8	0	21.17	21.17	21.32	22.5	3
3	64QAM	8	4	21.28	21.21	21.12		
3	64QAM	8	7	21.21	21.02	21.25		
3	64QAM	15	0	21.27	21.00	21.15		
3	256QAM	1	0	19.08	19.20	18.99	20.5	5
3	256QAM	1	8	19.23	19.05	19.20		
3	256QAM	1	14	19.04	19.01	18.96		
3	256QAM	8	0	19.20	19.25	19.23	20.5	5
3	256QAM	8	4	19.25	18.95	19.06		
3	256QAM	8	7	19.09	19.30	19.11		
3	256QAM	15	0	19.46	19.27	19.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.89	24.07	24.10	25.5	0
1.4	QPSK	1	3	24.08	23.96	24.09		
1.4	QPSK	1	5	23.91	23.71	23.78		
1.4	QPSK	3	0	23.91	24.19	24.03		
1.4	QPSK	3	1	23.89	23.84	24.02		
1.4	QPSK	3	3	23.94	24.00	23.97		
1.4	QPSK	6	0	23.09	23.32	22.96	24.5	1
1.4	16QAM	1	0	23.12	23.05	23.17	24.5	1
1.4	16QAM	1	3	22.90	23.01	22.95		
1.4	16QAM	1	5	23.05	22.96	23.03		
1.4	16QAM	3	0	23.12	23.04	22.94		
1.4	16QAM	3	1	23.09	23.20	22.83		
1.4	16QAM	3	3	22.99	23.00	22.85		
1.4	16QAM	6	0	22.01	22.06	22.06	23.5	2
1.4	64QAM	1	0	22.13	21.99	22.11	23.5	2
1.4	64QAM	1	3	21.82	22.02	21.84		
1.4	64QAM	1	5	22.05	22.19	22.17		
1.4	64QAM	3	0	22.35	22.22	22.05		
1.4	64QAM	3	1	22.31	22.37	22.12		
1.4	64QAM	3	3	21.98	22.05	22.28		
1.4	64QAM	6	0	21.16	21.20	21.11	22.5	3
1.4	256QAM	1	0	18.86	19.12	19.04	20.5	5
1.4	256QAM	1	3	19.16	18.99	19.05		
1.4	256QAM	1	5	18.88	18.81	18.79		
1.4	256QAM	3	0	18.98	19.11	19.03		
1.4	256QAM	3	1	18.97	18.86	19.11		
1.4	256QAM	3	3	18.82	18.97	18.99		
1.4	256QAM	6	0	19.09	19.24	18.94	20.5	5

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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	24.33	24.47	24.45	25.5	0
20	QPSK	1	49	24.30	24.35	24.26		
20	QPSK	1	99	24.33	24.30	24.27		
20	QPSK	50	0	23.32	23.42	23.34	24.5	1
20	QPSK	50	24	23.32	23.27	23.41		
20	QPSK	50	50	23.18	23.24	23.37		
20	QPSK	100	0	23.31	23.34	23.33		
20	16QAM	1	0	23.74	23.82	23.53	24.5	1
20	16QAM	1	49	23.69	23.61	23.89		
20	16QAM	1	99	23.72	23.74	23.71		
20	16QAM	50	0	22.29	22.26	22.28	23.5	2
20	16QAM	50	24	22.37	22.33	22.40		
20	16QAM	50	50	22.33	22.28	22.25		
20	16QAM	100	0	22.35	22.40	22.34		
20	64QAM	1	0	22.45	22.40	22.54	23.5	2
20	64QAM	1	49	22.47	22.29	22.39		
20	64QAM	1	99	22.54	22.39	22.37		
20	64QAM	50	0	21.31	21.33	21.41	22.5	3
20	64QAM	50	24	21.38	21.41	21.47		
20	64QAM	50	50	21.27	21.25	21.42		
20	64QAM	100	0	21.31	21.25	21.33		
20	256QAM	1	0	19.21	19.60	19.43	20.5	5
20	256QAM	1	49	19.22	19.40	19.23		
20	256QAM	1	99	19.32	19.41	19.36		
20	256QAM	50	0	19.38	19.31	19.38	20.5	5
20	256QAM	50	24	19.26	19.20	19.48		
20	256QAM	50	50	19.23	19.15	19.25		
20	256QAM	100	0	19.28	19.29	19.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.39	24.19	24.40	25.5	0
15	QPSK	1	37	24.24	24.23	24.12		
15	QPSK	1	74	24.28	24.16	24.12		
15	QPSK	36	0	23.27	23.30	23.36	24.5	1
15	QPSK	36	20	23.19	23.15	23.28		
15	QPSK	36	39	23.13	23.14	23.25		
15	QPSK	75	0	23.24	23.28	23.26		
15	16QAM	1	0	23.62	23.76	23.47	24.5	1
15	16QAM	1	37	23.62	23.53	23.78		
15	16QAM	1	74	23.61	23.66	23.62		
15	16QAM	36	0	22.24	22.13	22.23	23.5	2
15	16QAM	36	20	22.24	22.29	22.32		
15	16QAM	36	39	22.23	22.18	22.14		
15	16QAM	75	0	22.26	22.25	22.25		
15	64QAM	1	0	22.32	22.25	22.42	23.5	2
15	64QAM	1	37	22.42	22.21	22.24		
15	64QAM	1	74	22.46	22.33	22.31		
15	64QAM	36	0	21.19	21.23	21.27	22.5	3
15	64QAM	36	20	21.25	21.27	21.39		
15	64QAM	36	39	21.14	21.10	21.29		
15	64QAM	75	0	21.19	21.12	21.26		
15	256QAM	1	0	19.46	19.09	19.31	20.5	5
15	256QAM	1	37	19.30	19.27	19.15		
15	256QAM	1	74	19.23	19.13	19.16		
15	256QAM	36	0	19.31	19.28	19.34	20.5	5
15	256QAM	36	20	19.20	19.18	19.22		
15	256QAM	36	39	19.12	19.13	19.33		
15	256QAM	75	0	19.24	19.27	19.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.47	24.19	24.42	25.5	0
10	QPSK	1	25	24.20	24.21	24.11		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.17	23.29	23.29	24.5	1
10	QPSK	25	12	23.27	23.18	23.25		
10	QPSK	25	25	23.05	23.12	23.29		
10	QPSK	50	0	23.26	23.26	23.25		
10	16QAM	1	0	23.61	23.72	23.46	24.5	1
10	16QAM	1	25	23.58	23.46	23.85		
10	16QAM	1	49	23.67	23.67	23.64		
10	16QAM	25	0	22.23	22.18	22.16	23.5	2
10	16QAM	25	12	22.22	22.26	22.27		
10	16QAM	25	25	22.28	22.12	22.09		
10	16QAM	50	0	22.23	22.28	22.25		
10	64QAM	1	0	22.30	22.33	22.45	23.5	2
10	64QAM	1	25	22.32	22.17	22.30		
10	64QAM	1	49	22.42	22.29	22.28		
10	64QAM	25	0	21.16	21.17	21.37	22.5	3
10	64QAM	25	12	21.32	21.34	21.34		
10	64QAM	25	25	21.22	21.14	21.27		
10	64QAM	50	0	21.26	21.16	21.18		
10	256QAM	1	0	19.45	19.20	19.35	20.5	5
10	256QAM	1	25	19.21	19.24	19.08		
10	256QAM	1	49	19.30	19.19	19.27		
10	256QAM	25	0	19.19	19.39	19.28	20.5	5
10	256QAM	25	12	19.39	19.09	19.28		
10	256QAM	25	25	19.03	19.03	19.33		
10	256QAM	50	0	19.29	19.23	19.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.45	24.18	24.37	25.5	0
5	QPSK	1	12	24.19	24.21	24.11		
5	QPSK	1	24	24.25	24.19	24.20		
5	QPSK	12	0	23.24	23.27	23.32	24.5	1
5	QPSK	12	7	23.26	23.21	23.28		
5	QPSK	12	13	23.11	23.12	23.27		
5	QPSK	25	0	23.20	23.27	23.23		
5	16QAM	1	0	23.59	23.73	23.61	24.5	1
5	16QAM	1	12	23.59	23.56	23.84		
5	16QAM	1	24	23.59	23.68	23.63		
5	16QAM	12	0	22.19	22.21	22.23	23.5	2
5	16QAM	12	7	22.27	22.21	22.26		
5	16QAM	12	13	22.20	22.14	22.15		
5	16QAM	25	0	22.23	22.34	22.20		
5	64QAM	1	0	22.32	22.27	22.45	23.5	2
5	64QAM	1	12	22.41	22.23	22.25		
5	64QAM	1	24	22.46	22.34	22.23		
5	64QAM	12	0	21.21	21.22	21.28	22.5	3
5	64QAM	12	7	21.25	21.36	21.33		
5	64QAM	12	13	21.17	21.13	21.27		
5	64QAM	25	0	21.23	21.14	21.19		
5	256QAM	1	0	19.37	19.08	19.31	20.5	5
5	256QAM	1	12	19.22	19.28	19.21		
5	256QAM	1	24	19.30	19.27	19.30		
5	256QAM	12	0	19.22	19.27	19.25	20.5	5
5	256QAM	12	7	19.27	19.26	19.35		
5	256QAM	12	13	19.07	19.01	19.35		
5	256QAM	25	0	19.28	19.35	19.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.40	24.18	24.34	25.5	0
3	QPSK	1	8	24.23	24.21	24.21		
3	QPSK	1	14	24.21	24.22	24.14		
3	QPSK	8	0	23.24	23.18	23.32	24.5	1
3	QPSK	8	4	23.17	23.18	23.30		
3	QPSK	8	7	23.10	23.15	23.32		
3	QPSK	15	0	23.18	23.19	23.27		
3	16QAM	1	0	23.67	23.68	23.49	24.5	1
3	16QAM	1	8	23.61	23.53	23.81		
3	16QAM	1	14	23.67	23.66	23.65		
3	16QAM	8	0	22.19	22.21	22.20	23.5	2
3	16QAM	8	4	22.31	22.19	22.31		
3	16QAM	8	7	22.19	22.17	22.19		
3	16QAM	15	0	22.20	22.30	22.26		
3	64QAM	1	0	22.36	22.26	22.40	23.5	2
3	64QAM	1	8	22.31	22.16	22.26		
3	64QAM	1	14	22.38	22.30	22.24		
3	64QAM	8	0	21.19	21.28	21.27	22.5	3
3	64QAM	8	4	21.34	21.34	21.41		
3	64QAM	8	7	21.20	21.16	21.36		
3	64QAM	15	0	21.22	21.19	21.21		
3	256QAM	1	0	19.43	19.16	19.40	20.5	5
3	256QAM	1	8	19.20	19.24	19.31		
3	256QAM	1	14	19.28	19.16	19.25		
3	256QAM	8	0	19.17	19.15	19.23	20.5	5
3	256QAM	8	4	19.16	19.11	19.18		
3	256QAM	8	7	19.21	19.13	19.38		
3	256QAM	15	0	19.11	19.10	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.35	24.23	24.30	25.5	0
1.4	QPSK	1	3	24.31	24.20	24.23		
1.4	QPSK	1	5	24.20	24.16	24.13		
1.4	QPSK	3	0	24.44	24.21	24.37		
1.4	QPSK	3	1	24.08	24.26	24.26		
1.4	QPSK	3	3	24.13	24.16	24.30		
1.4	QPSK	6	0	23.27	23.30	23.28	24.5	1
1.4	16QAM	1	0	23.33	23.31	23.18	24.5	1
1.4	16QAM	1	3	23.16	23.02	23.32		
1.4	16QAM	1	5	23.16	23.31	23.15		
1.4	16QAM	3	0	23.58	23.62	23.44		
1.4	16QAM	3	1	23.46	23.56	23.73		
1.4	16QAM	3	3	23.57	23.73	23.58		
1.4	16QAM	6	0	22.31	22.30	22.30	23.5	2
1.4	64QAM	1	0	22.22	22.29	22.21	23.5	2
1.4	64QAM	1	3	22.15	22.00	21.97		
1.4	64QAM	1	5	22.14	22.35	22.16		
1.4	64QAM	3	0	22.28	22.24	22.42		
1.4	64QAM	3	1	22.41	22.22	22.41		
1.4	64QAM	3	3	22.49	22.35	22.15		
1.4	64QAM	6	0	21.19	21.24	21.45	22.5	3
1.4	256QAM	1	0	19.35	19.23	19.30	20.5	5
1.4	256QAM	1	3	19.31	19.20	19.23		
1.4	256QAM	1	5	19.20	19.16	19.13		
1.4	256QAM	3	0	19.44	19.21	19.37		
1.4	256QAM	3	1	19.08	19.26	19.26		
1.4	256QAM	3	3	19.13	19.16	19.30		
1.4	256QAM	6	0	19.27	19.30	19.28	20.5	5

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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	24.18	24.35	24.30	25.5	0
20	QPSK	1	49	24.16	24.19	24.23		
20	QPSK	1	99	24.28	24.17	24.09		
20	QPSK	50	0	23.24	23.42	23.17	24.5	1
20	QPSK	50	24	23.38	23.27	23.22		
20	QPSK	50	50	23.26	23.34	23.41		
20	QPSK	100	0	23.17	23.30	23.27		
20	16QAM	1	0	23.62	23.44	23.42	24.5	1
20	16QAM	1	49	23.41	23.26	23.50		
20	16QAM	1	99	23.56	23.50	23.28		
20	16QAM	50	0	22.32	22.23	22.28	23.5	2
20	16QAM	50	24	22.42	22.33	22.22		
20	16QAM	50	50	22.39	22.36	22.45		
20	16QAM	100	0	22.29	22.24	22.33		
20	64QAM	1	0	22.49	22.51	22.41	23.5	2
20	64QAM	1	49	22.68	22.34	22.29		
20	64QAM	1	99	22.61	22.55	22.47		
20	64QAM	50	0	21.33	21.32	21.15	22.5	3
20	64QAM	50	24	21.29	21.31	21.27		
20	64QAM	50	50	21.39	21.20	21.47		
20	64QAM	100	0	21.36	21.27	21.25		
20	256QAM	1	0	19.08	19.42	19.22	20.5	5
20	256QAM	1	49	19.16	19.31	19.16		
20	256QAM	1	99	19.36	19.08	19.09		
20	256QAM	50	0	19.25	19.52	19.17	20.5	5
20	256QAM	50	24	19.47	19.35	19.21		
20	256QAM	50	50	19.15	19.36	19.39		
20	256QAM	100	0	19.26	19.41	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.13	24.07	24.20	25.5	0
15	QPSK	1	37	24.12	24.11	24.11		
15	QPSK	1	74	24.12	24.30	24.05		
15	QPSK	36	0	23.09	22.99	23.09	24.5	1
15	QPSK	36	20	23.29	23.21	23.17		
15	QPSK	36	39	23.35	23.29	23.26		
15	QPSK	75	0	23.25	23.05	23.13		
15	16QAM	1	0	23.49	23.35	23.28	24.5	1
15	16QAM	1	37	23.28	23.15	23.46		
15	16QAM	1	74	23.47	23.44	23.14		
15	16QAM	36	0	22.18	22.19	22.15	23.5	2
15	16QAM	36	20	22.37	22.21	22.07		
15	16QAM	36	39	22.31	22.28	22.30		
15	16QAM	75	0	22.15	22.12	22.19		
15	64QAM	1	0	22.39	22.42	22.36	23.5	2
15	64QAM	1	37	22.52	22.24	22.20		
15	64QAM	1	74	22.56	22.47	22.39		
15	64QAM	36	0	21.25	21.28	20.99	22.5	3
15	64QAM	36	20	21.14	21.23	21.16		
15	64QAM	36	39	21.26	21.04	21.21		
15	64QAM	75	0	21.32	21.12	21.09		
15	256QAM	1	0	19.10	19.02	19.28	20.5	5
15	256QAM	1	37	19.13	19.15	19.09		
15	256QAM	1	74	19.23	19.27	18.95		
15	256QAM	36	0	19.10	19.09	19.09	20.5	5
15	256QAM	36	20	19.30	19.12	19.18		
15	256QAM	36	39	19.38	19.23	19.20		
15	256QAM	75	0	19.20	19.07	19.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.08	24.03	24.14	25.5	0
10	QPSK	1	25	24.02	24.10	24.16		
10	QPSK	1	49	24.21	24.24	23.95		
10	QPSK	25	0	23.15	22.98	23.12	24.5	1
10	QPSK	25	12	23.27	23.12	23.11		
10	QPSK	25	25	23.29	23.24	23.33		
10	QPSK	50	0	23.25	23.02	23.20		
10	16QAM	1	0	23.48	23.38	23.27	24.5	1
10	16QAM	1	25	23.34	23.12	23.34		
10	16QAM	1	49	23.46	23.40	23.12		
10	16QAM	25	0	22.27	22.19	22.21	23.5	2
10	16QAM	25	12	22.33	22.21	22.14		
10	16QAM	25	25	22.28	22.22	22.39		
10	16QAM	50	0	22.19	22.16	22.19		
10	64QAM	1	0	22.44	22.39	22.36	23.5	2
10	64QAM	1	25	22.58	22.22	22.26		
10	64QAM	1	49	22.52	22.44	22.34		
10	64QAM	25	0	21.17	21.17	21.07	22.5	3
10	64QAM	25	12	21.24	21.17	21.19		
10	64QAM	25	25	21.31	21.15	21.41		
10	64QAM	50	0	21.26	21.23	21.14		
10	256QAM	1	0	19.14	19.01	19.03	20.5	5
10	256QAM	1	25	19.10	19.04	19.14		
10	256QAM	1	49	19.20	19.28	18.91		
10	256QAM	25	0	19.18	18.99	19.11	20.5	5
10	256QAM	25	12	19.36	19.22	19.06		
10	256QAM	25	25	19.33	19.12	19.30		
10	256QAM	50	0	19.23	19.03	19.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.06	24.10	24.23	25.5	0
5	QPSK	1	12	24.04	24.03	24.15		
5	QPSK	1	24	24.13	24.21	24.01		
5	QPSK	12	0	23.15	23.00	23.08	24.5	1
5	QPSK	12	7	23.24	23.19	23.11		
5	QPSK	12	13	23.32	23.24	23.26		
5	QPSK	25	0	23.16	23.12	23.18		
5	16QAM	1	0	23.49	23.31	23.27	24.5	1
5	16QAM	1	12	23.33	23.17	23.40		
5	16QAM	1	24	23.43	23.42	23.21		
5	16QAM	12	0	22.28	22.15	22.22	23.5	2
5	16QAM	12	7	22.30	22.20	22.10		
5	16QAM	12	13	22.34	22.27	22.36		
5	16QAM	25	0	22.16	22.13	22.27		
5	64QAM	1	0	22.35	22.39	22.28	23.5	2
5	64QAM	1	12	22.43	22.20	22.21		
5	64QAM	1	24	22.50	22.48	22.35		
5	64QAM	12	0	21.20	21.26	21.01	22.5	3
5	64QAM	12	7	21.14	21.21	21.14		
5	64QAM	12	13	21.29	21.06	21.36		
5	64QAM	25	0	21.24	21.21	21.21		
5	256QAM	1	0	19.06	19.10	19.23	20.5	5
5	256QAM	1	12	19.04	19.03	19.15		
5	256QAM	1	24	19.13	19.21	19.01		
5	256QAM	12	0	19.15	19.00	19.08	20.5	5
5	256QAM	12	7	19.24	19.19	19.11		
5	256QAM	12	13	19.32	19.24	19.26		
5	256QAM	25	0	19.16	19.12	19.18		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.27	24.29	24.24	25.5	0
20	QPSK	1	49	24.23	24.22	24.19		
20	QPSK	1	99	24.15	24.08	24.13		
20	QPSK	50	0	23.26	23.31	23.17	24.5	1
20	QPSK	50	24	23.26	23.20	23.16		
20	QPSK	50	50	23.25	23.23	23.19		
20	QPSK	100	0	23.27	23.29	23.14		
20	16QAM	1	0	23.43	23.34	23.29	24.5	1
20	16QAM	1	49	23.54	23.32	23.32		
20	16QAM	1	99	23.19	23.20	23.27		
20	16QAM	50	0	22.25	22.24	22.18	23.5	2
20	16QAM	50	24	22.33	22.31	22.17		
20	16QAM	50	50	22.26	22.22	22.23		
20	16QAM	100	0	22.29	22.26	22.15		
20	64QAM	1	0	22.46	22.40	22.24	23.5	2
20	64QAM	1	49	22.57	22.44	22.34		
20	64QAM	1	99	22.27	22.30	22.23		
20	64QAM	50	0	21.24	21.23	21.20	22.5	3
20	64QAM	50	24	21.33	21.31	21.17		
20	64QAM	50	50	21.27	21.23	21.21		
20	64QAM	100	0	21.30	21.25	21.15		
20	256QAM	1	0	19.11	19.31	19.05	20.5	5
20	256QAM	1	49	18.95	19.34	19.14		
20	256QAM	1	99	19.25	19.08	19.08		
20	256QAM	50	0	19.19	19.25	19.05	20.5	5
20	256QAM	50	24	19.36	19.26	19.31		
20	256QAM	50	50	19.29	19.38	19.08		
20	256QAM	100	0	19.37	19.14	19.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.10	24.19	24.07	25.5	0
15	QPSK	1	37	24.05	24.07	24.06		
15	QPSK	1	74	24.13	24.06	24.03		
15	QPSK	36	0	23.12	22.97	22.98	24.5	1
15	QPSK	36	20	23.22	23.11	23.09		
15	QPSK	36	39	23.04	23.18	23.00		
15	QPSK	75	0	23.04	23.23	22.92		
15	16QAM	1	0	23.19	23.32	23.05	24.5	1
15	16QAM	1	37	23.30	23.18	23.18		
15	16QAM	1	74	23.01	23.23	23.08		
15	16QAM	36	0	22.08	22.20	22.09	23.5	2
15	16QAM	36	20	22.24	22.26	21.93		
15	16QAM	36	39	22.07	22.16	22.24		
15	16QAM	75	0	22.28	22.20	22.03		
15	64QAM	1	0	22.28	22.20	22.15	23.5	2
15	64QAM	1	37	22.38	22.32	22.14		
15	64QAM	1	74	22.04	22.06	22.06		
15	64QAM	36	0	21.13	21.13	21.10	22.5	3
15	64QAM	36	20	21.11	21.10	20.97		
15	64QAM	36	39	21.10	21.12	21.07		
15	64QAM	75	0	21.11	21.00	21.16		
15	256QAM	1	0	19.09	19.34	19.06	20.5	5
15	256QAM	1	37	19.04	19.27	19.23		
15	256QAM	1	74	19.30	19.07	19.09		
15	256QAM	36	0	19.20	19.29	19.12	20.5	5
15	256QAM	36	20	19.31	19.34	19.25		
15	256QAM	36	39	19.39	19.32	19.04		
15	256QAM	75	0	19.34	19.15	19.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.20	24.15	24.16	25.5	0
10	QPSK	1	25	24.04	24.05	24.16		
10	QPSK	1	49	24.18	24.10	23.93		
10	QPSK	25	0	23.23	23.19	23.04	24.5	1
10	QPSK	25	12	23.26	23.10	23.17		
10	QPSK	25	25	23.12	23.21	23.06		
10	QPSK	50	0	23.22	23.21	22.96		
10	16QAM	1	0	23.26	23.25	23.18	24.5	1
10	16QAM	1	25	23.31	23.17	23.15		
10	16QAM	1	49	23.02	23.23	23.25		
10	16QAM	25	0	22.12	22.18	22.05	23.5	2
10	16QAM	25	12	22.32	22.17	22.13		
10	16QAM	25	25	22.03	22.25	22.23		
10	16QAM	50	0	22.13	22.21	21.99		
10	64QAM	1	0	22.28	22.34	22.03	23.5	2
10	64QAM	1	25	22.36	22.20	22.37		
10	64QAM	1	49	22.09	22.28	22.07		
10	64QAM	25	0	21.28	21.13	21.03	22.5	3
10	64QAM	25	12	21.15	21.21	21.15		
10	64QAM	25	25	21.23	21.00	21.25		
10	64QAM	50	0	21.18	21.02	21.11		
10	256QAM	1	0	19.15	19.36	18.97	20.5	5
10	256QAM	1	25	19.07	19.32	19.19		
10	256QAM	1	49	19.29	19.08	19.13		
10	256QAM	25	0	19.16	19.21	19.07	20.5	5
10	256QAM	25	12	19.27	19.33	19.30		
10	256QAM	25	25	19.37	19.32	19.11		
10	256QAM	50	0	19.26	19.15	19.07		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.20	24.10	24.06	25.5	0
5	QPSK	1	12	24.10	24.08	24.21		
5	QPSK	1	24	24.10	24.10	23.98		
5	QPSK	12	0	23.10	23.08	22.98	24.5	1
5	QPSK	12	7	23.14	23.10	23.14		
5	QPSK	12	13	23.29	23.11	23.14		
5	QPSK	25	0	23.09	23.23	23.01		
5	16QAM	1	0	23.33	23.24	23.20	24.5	1
5	16QAM	1	12	23.32	23.18	23.30		
5	16QAM	1	24	22.99	23.00	23.13		
5	16QAM	12	0	22.01	22.14	21.93	23.5	2
5	16QAM	12	7	22.12	22.12	22.01		
5	16QAM	12	13	22.18	22.07	22.21		
5	16QAM	25	0	22.32	22.26	21.97		
5	64QAM	1	0	22.40	22.30	22.13	23.5	2
5	64QAM	1	12	22.35	22.35	22.02		
5	64QAM	1	24	22.15	22.24	22.05		
5	64QAM	12	0	21.26	21.09	20.97	22.5	3
5	64QAM	12	7	21.11	21.32	21.22		
5	64QAM	12	13	21.03	21.10	20.97		
5	64QAM	25	0	21.28	21.18	21.12		
5	256QAM	1	0	19.15	19.31	18.98	20.5	5
5	256QAM	1	12	19.06	19.27	19.16		
5	256QAM	1	24	19.20	19.06	19.18		
5	256QAM	12	0	19.22	19.25	19.11	20.5	5
5	256QAM	12	7	19.30	19.38	19.29		
5	256QAM	12	13	19.36	19.36	19.11		
5	256QAM	25	0	19.35	19.16	19.10		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.09	24.08	24.20	25.5	0
3	QPSK	1	8	24.22	24.22	23.99		
3	QPSK	1	14	24.11	23.95	24.00		
3	QPSK	8	0	23.20	23.25	23.07	24.5	1
3	QPSK	8	4	23.06	23.16	23.02		
3	QPSK	8	7	23.29	23.03	23.14		
3	QPSK	15	0	23.24	23.19	23.15		
3	16QAM	1	0	23.26	23.03	23.26	24.5	1
3	16QAM	1	8	22.98	23.14	23.21		
3	16QAM	1	14	23.18	23.20	23.05		
3	16QAM	8	0	22.15	22.22	21.95	23.5	2
3	16QAM	8	4	22.15	22.17	22.11		
3	16QAM	8	7	22.19	22.04	22.06		
3	16QAM	15	0	22.28	22.29	22.06		
3	64QAM	1	0	22.17	22.14	22.10	23.5	2
3	64QAM	1	8	22.24	21.94	22.26		
3	64QAM	1	14	22.04	22.24	22.19		
3	64QAM	8	0	21.12	21.02	21.15	22.5	3
3	64QAM	8	4	21.32	21.09	20.99		
3	64QAM	8	7	21.05	21.11	20.98		
3	64QAM	15	0	21.21	21.29	20.98		
3	256QAM	1	0	19.09	19.27	19.03	20.5	5
3	256QAM	1	8	19.03	19.30	19.21		
3	256QAM	1	14	19.20	19.01	19.09		
3	256QAM	8	0	19.16	19.31	19.03	20.5	5
3	256QAM	8	4	19.28	19.26	19.22		
3	256QAM	8	7	19.39	19.31	19.08		
3	256QAM	15	0	19.30	19.12	19.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.10	24.10	23.88	25.5	0
1.4	QPSK	1	3	24.05	23.86	24.00		
1.4	QPSK	1	5	23.94	24.10	23.75		
1.4	QPSK	3	0	24.10	23.93	24.19		
1.4	QPSK	3	1	24.11	23.99	23.92		
1.4	QPSK	3	3	23.96	23.85	23.89		
1.4	QPSK	6	0	23.04	23.11	22.95	24.5	1
1.4	16QAM	1	0	22.98	23.05	22.86	24.5	1
1.4	16QAM	1	3	23.17	22.83	23.17		
1.4	16QAM	1	5	23.07	23.07	23.01		
1.4	16QAM	3	0	23.13	23.01	23.01		
1.4	16QAM	3	1	22.87	23.13	23.02		
1.4	16QAM	3	3	23.16	23.17	23.06		
1.4	16QAM	6	0	22.08	22.08	21.95	23.5	2
1.4	64QAM	1	0	22.02	22.17	21.97	23.5	2
1.4	64QAM	1	3	22.13	21.96	21.82		
1.4	64QAM	1	5	22.21	22.12	22.08		
1.4	64QAM	3	0	22.12	21.91	21.92		
1.4	64QAM	3	1	22.01	21.89	22.05		
1.4	64QAM	3	3	21.97	22.12	22.13		
1.4	64QAM	6	0	21.05	20.91	21.13	22.5	3
1.4	256QAM	1	0	19.10	19.26	19.06	20.5	5
1.4	256QAM	1	3	18.95	19.22	19.10		
1.4	256QAM	1	5	19.24	19.09	19.11		
1.4	256QAM	3	0	19.23	19.20	19.09		
1.4	256QAM	3	1	19.37	19.34	19.25		
1.4	256QAM	3	3	19.30	19.40	19.09		
1.4	256QAM	6	0	19.34	19.21	19.13	20.5	5

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BW [MHz]	Modulation	\	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	24.42	24.48	24.40	25.5	0
20	QPSK	1	49	24.45	24.33	24.44		
20	QPSK	1	99	24.38	24.39	24.41		
20	QPSK	50	0	23.39	23.53	23.36	24.5	1
20	QPSK	50	24	23.37	23.43	23.35		
20	QPSK	50	50	23.36	23.39	23.42		
20	QPSK	100	0	23.39	23.43	23.36		
20	16QAM	1	0	23.62	23.79	23.73	24.5	1
20	16QAM	1	49	23.52	23.49	23.77		
20	16QAM	1	99	23.64	23.55	23.41		
20	16QAM	50	0	22.41	22.40	22.40	23.5	2
20	16QAM	50	24	22.46	22.41	22.49		
20	16QAM	50	50	22.25	22.45	22.36		
20	16QAM	100	0	22.35	22.38	22.39		
20	64QAM	1	0	22.41	22.61	22.70	23.5	2
20	64QAM	1	49	22.54	22.76	22.72		
20	64QAM	1	99	22.48	22.51	22.43		
20	64QAM	50	0	21.34	21.40	21.29	22.5	3
20	64QAM	50	24	21.38	21.46	21.38		
20	64QAM	50	50	21.34	21.37	21.41		
20	64QAM	100	0	21.38	21.33	21.32		
20	256QAM	1	0	19.42	19.42	19.35	20.5	5
20	256QAM	1	49	19.37	19.38	19.46		
20	256QAM	1	99	19.31	19.44	19.48		
20	256QAM	50	0	19.47	19.50	19.29	20.5	5
20	256QAM	50	24	19.35	19.34	19.24		
20	256QAM	50	50	19.42	19.46	19.44		
20	256QAM	100	0	19.43	19.40	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.28	24.14	24.24	25.5	0
15	QPSK	1	37	24.20	24.38	24.27		
15	QPSK	1	74	24.44	24.23	24.16		
15	QPSK	36	0	23.21	23.25	23.21	24.5	1
15	QPSK	36	20	23.21	23.28	23.17		
15	QPSK	36	39	23.11	23.18	23.32		
15	QPSK	75	0	23.15	23.19	23.18		
15	16QAM	1	0	23.43	23.54	23.55	24.5	1
15	16QAM	1	37	23.31	23.29	23.59		
15	16QAM	1	74	23.40	23.41	23.21		
15	16QAM	36	0	22.21	22.26	22.15	23.5	2
15	16QAM	36	20	22.21	22.16	22.33		
15	16QAM	36	39	22.02	22.26	22.11		
15	16QAM	75	0	22.15	22.15	22.22		
15	64QAM	1	0	22.27	22.41	22.46	23.5	2
15	64QAM	1	37	22.35	22.51	22.53		
15	64QAM	1	74	22.26	22.34	22.23		
15	64QAM	36	0	21.13	21.23	21.05	22.5	3
15	64QAM	36	20	21.20	21.31	21.19		
15	64QAM	36	39	21.14	21.22	21.15		
15	64QAM	75	0	21.16	21.15	21.09		
15	256QAM	1	0	19.39	19.04	19.35	20.5	5
15	256QAM	1	37	19.20	19.34	19.38		
15	256QAM	1	74	19.33	19.14	19.20		
15	256QAM	36	0	19.29	19.19	19.27	20.5	5
15	256QAM	36	20	19.11	19.31	19.17		
15	256QAM	36	39	19.02	19.17	19.24		
15	256QAM	75	0	19.15	19.26	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.19	24.14	24.15	25.5	0
10	QPSK	1	25	24.23	24.46	24.22		
10	QPSK	1	49	24.36	24.14	24.21		
10	QPSK	25	0	23.14	23.26	23.15	24.5	1
10	QPSK	25	12	23.19	23.23	23.14		
10	QPSK	25	25	23.16	23.22	23.35		
10	QPSK	50	0	23.20	23.15	23.18		
10	16QAM	1	0	23.36	23.53	23.48	24.5	1
10	16QAM	1	25	23.27	23.26	23.61		
10	16QAM	1	49	23.44	23.40	23.22		
10	16QAM	25	0	22.26	22.25	22.15	23.5	2
10	16QAM	25	12	22.26	22.22	22.27		
10	16QAM	25	25	22.08	22.30	22.14		
10	16QAM	50	0	22.16	22.18	22.23		
10	64QAM	1	0	22.23	22.47	22.56	23.5	2
10	64QAM	1	25	22.35	22.60	22.46		
10	64QAM	1	49	22.30	22.35	22.28		
10	64QAM	25	0	21.17	21.14	21.04	22.5	3
10	64QAM	25	12	21.20	21.30	21.19		
10	64QAM	25	25	21.14	21.15	21.24		
10	64QAM	50	0	21.17	21.15	21.10		
10	256QAM	1	0	19.09	19.12	19.21	20.5	5
10	256QAM	1	25	19.12	19.39	19.33		
10	256QAM	1	49	19.26	19.18	19.23		
10	256QAM	25	0	19.16	19.25	19.09	20.5	5
10	256QAM	25	12	19.24	19.20	19.11		
10	256QAM	25	25	19.05	19.15	19.44		
10	256QAM	50	0	19.30	19.11	19.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.21	24.13	24.24	25.5	0
5	QPSK	1	12	24.27	24.38	24.27		
5	QPSK	1	24	24.38	24.21	24.15		
5	QPSK	12	0	23.14	23.20	23.21	24.5	1
5	QPSK	12	7	23.18	23.19	23.16		
5	QPSK	12	13	23.15	23.23	23.33		
5	QPSK	25	0	23.19	23.15	23.25		
5	16QAM	1	0	23.44	23.56	23.52	24.5	1
5	16QAM	1	12	23.26	23.26	23.57		
5	16QAM	1	24	23.42	23.32	23.21		
5	16QAM	12	0	22.25	22.15	22.22	23.5	2
5	16QAM	12	7	22.28	22.23	22.25		
5	16QAM	12	13	22.10	22.27	22.12		
5	16QAM	25	0	22.16	22.19	22.15		
5	64QAM	1	0	22.17	22.39	22.49	23.5	2
5	64QAM	1	12	22.35	22.53	22.49		
5	64QAM	1	24	22.22	22.27	22.23		
5	64QAM	12	0	21.19	21.22	21.13	22.5	3
5	64QAM	12	7	21.18	21.24	21.19		
5	64QAM	12	13	21.10	21.14	21.26		
5	64QAM	25	0	21.12	21.12	21.11		
5	256QAM	1	0	19.32	19.17	19.20	20.5	5
5	256QAM	1	12	19.32	19.41	19.29		
5	256QAM	1	24	19.49	19.11	19.23		
5	256QAM	12	0	19.25	19.22	19.21	20.5	5
5	256QAM	12	7	19.29	19.08	19.14		
5	256QAM	12	13	19.21	19.25	19.40		
5	256QAM	25	0	19.16	19.27	19.16		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.18	24.21	25.5	0
3	QPSK	1	8	24.21	24.44	24.21		
3	QPSK	1	14	24.32	24.19	24.19		
3	QPSK	8	0	23.14	23.21	23.12	24.5	1
3	QPSK	8	4	23.14	23.17	23.14		
3	QPSK	8	7	23.13	23.22	23.35		
3	QPSK	15	0	23.20	23.12	23.25		
3	16QAM	1	0	23.47	23.64	23.47	24.5	1
3	16QAM	1	8	23.30	23.27	23.63		
3	16QAM	1	14	23.45	23.34	23.26		
3	16QAM	8	0	22.20	22.18	22.23	23.5	2
3	16QAM	8	4	22.21	22.23	22.31		
3	16QAM	8	7	22.03	22.20	22.21		
3	16QAM	15	0	22.10	22.14	22.15		
3	64QAM	1	0	22.20	22.43	22.49	23.5	2
3	64QAM	1	8	22.28	22.59	22.51		
3	64QAM	1	14	22.32	22.36	22.23		
3	64QAM	8	0	21.12	21.21	21.06	22.5	3
3	64QAM	8	4	21.23	21.27	21.16		
3	64QAM	8	7	21.13	21.19	21.25		
3	64QAM	15	0	21.20	21.07	21.09		
3	256QAM	1	0	19.34	19.09	19.17	20.5	5
3	256QAM	1	8	19.11	19.47	19.16		
3	256QAM	1	14	19.24	19.30	19.22		
3	256QAM	8	0	19.09	19.16	19.04	20.5	5
3	256QAM	8	4	19.22	19.16	19.10		
3	256QAM	8	7	19.04	19.13	19.25		
3	256QAM	15	0	19.12	19.12	19.18		
Channel				131970	132322	132675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.35	24.15	25.5	0
1.4	QPSK	1	3	24.04	24.34	24.11		
1.4	QPSK	1	5	24.16	24.16	24.17		
1.4	QPSK	3	0	24.02	24.21	24.04		
1.4	QPSK	3	1	24.09	24.24	24.01		
1.4	QPSK	3	3	24.08	24.08	23.98		
1.4	QPSK	6	0	22.91	22.99	23.07	24.5	1
1.4	16QAM	1	0	23.15	23.18	23.02	24.5	1
1.4	16QAM	1	3	23.08	23.10	23.16		
1.4	16QAM	1	5	23.16	23.01	23.04		
1.4	16QAM	3	0	23.28	23.40	23.33		
1.4	16QAM	3	1	23.10	23.26	23.47		
1.4	16QAM	3	3	23.33	23.33	23.08		
1.4	16QAM	6	0	22.22	22.11	21.99	23.5	2
1.4	64QAM	1	0	21.97	22.19	22.23	23.5	2
1.4	64QAM	1	3	21.98	22.22	22.26		
1.4	64QAM	1	5	21.88	22.12	22.03		
1.4	64QAM	3	0	21.99	22.38	22.24		
1.4	64QAM	3	1	22.32	22.34	22.31		
1.4	64QAM	3	3	22.09	22.38	22.00		
1.4	64QAM	6	0	21.13	21.17	20.98	22.5	3
1.4	256QAM	1	0	19.27	19.24	19.17	20.5	5
1.4	256QAM	1	3	19.13	19.27	19.13		
1.4	256QAM	1	5	19.22	19.10	19.26		
1.4	256QAM	3	0	20.10	20.22	20.02		
1.4	256QAM	3	1	20.19	20.16	19.96		
1.4	256QAM	3	3	20.16	20.01	19.86		
1.4	256QAM	6	0	18.94	19.04	18.98	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	24.32	24.13	25.5	0
20	QPSK	1	49	24.24	24.21	24.03		
20	QPSK	1	99	24.12	24.11	24.05		
20	QPSK	50	0	23.14	23.24	23.10	24.5	1
20	QPSK	50	24	23.19	23.12	23.09		
20	QPSK	50	50	23.00	23.20	23.14		
20	QPSK	100	0	23.17	23.18	23.06		
20	16QAM	1	0	23.10	23.20	23.16	24.5	1
20	16QAM	1	49	23.31	23.36	23.01		
20	16QAM	1	99	23.16	23.19	23.07		
20	16QAM	50	0	22.01	22.09	22.04	23.5	2
20	16QAM	50	24	22.18	22.17	22.15		
20	16QAM	50	50	22.26	22.25	21.96		
20	16QAM	100	0	22.18	22.10	22.07		
20	64QAM	1	0	22.04	22.16	22.35	23.5	2
20	64QAM	1	49	22.21	22.33	22.12		
20	64QAM	1	99	22.20	22.16	22.06		
20	64QAM	50	0	21.02	21.05	21.22	22.5	3
20	64QAM	50	24	21.33	21.17	21.16		
20	64QAM	50	50	21.17	21.20	21.07		
20	64QAM	100	0	21.17	21.21	21.07		
20	256QAM	1	0	19.08	19.31	19.01	20.5	5
20	256QAM	1	49	19.21	19.16	19.08		
20	256QAM	1	99	19.18	19.07	19.12		
20	256QAM	50	0	19.21	19.15	19.06	20.5	5
20	256QAM	50	24	19.22	19.09	19.10		
20	256QAM	50	50	18.92	19.17	19.21		
20	256QAM	100	0	19.12	19.20	18.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.90	23.87	23.99	25.5	0
15	QPSK	1	37	24.19	24.15	23.87		
15	QPSK	1	74	24.16	23.99	23.92		
15	QPSK	36	0	22.99	22.97	23.04	24.5	1
15	QPSK	36	20	23.05	22.96	22.95		
15	QPSK	36	39	23.09	23.12	23.00		
15	QPSK	75	0	23.15	23.02	22.97		
15	16QAM	1	0	22.96	23.14	23.10	24.5	1
15	16QAM	1	37	23.22	23.22	22.85		
15	16QAM	1	74	23.05	23.14	22.92		
15	16QAM	36	0	21.85	22.00	21.89	23.5	2
15	16QAM	36	20	22.04	22.08	22.08		
15	16QAM	36	39	22.20	22.16	21.82		
15	16QAM	75	0	22.06	21.99	21.94		
15	64QAM	1	0	21.94	22.10	22.26	23.5	2
15	64QAM	1	37	22.07	22.28	22.07		
15	64QAM	1	74	22.04	22.08	21.98		
15	64QAM	36	0	20.88	20.93	21.16	22.5	3
15	64QAM	36	20	21.23	21.09	21.00		
15	64QAM	36	39	21.08	21.08	21.01		
15	64QAM	75	0	21.11	21.14	20.93		
15	256QAM	1	0	18.95	18.98	18.87	20.5	5
15	256QAM	1	37	19.13	19.14	18.84		
15	256QAM	1	74	19.12	18.90	18.82		
15	256QAM	36	0	18.91	18.91	19.05	20.5	5
15	256QAM	36	20	19.00	19.07	18.90		
15	256QAM	36	39	19.01	19.02	18.94		
15	256QAM	75	0	19.11	18.98	18.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.99	24.00	24.01	25.5	0
10	QPSK	1	25	24.17	24.15	23.94		
10	QPSK	1	49	24.28	24.05	23.97		
10	QPSK	25	0	23.04	22.92	22.97	24.5	1
10	QPSK	25	12	23.14	22.96	23.03		
10	QPSK	25	25	23.20	23.04	23.08		
10	QPSK	50	0	23.13	23.04	22.98		
10	16QAM	1	0	22.99	23.08	23.01	24.5	1
10	16QAM	1	25	23.24	23.26	22.95		
10	16QAM	1	49	23.08	23.14	23.03		
10	16QAM	25	0	21.92	21.95	21.88	23.5	2
10	16QAM	25	12	22.04	22.09	22.07		
10	16QAM	25	25	22.14	22.19	21.82		
10	16QAM	50	0	22.06	21.98	21.91		
10	64QAM	1	0	21.93	22.08	22.23	23.5	2
10	64QAM	1	25	22.08	22.19	22.05		
10	64QAM	1	49	22.15	22.01	21.99		
10	64QAM	25	0	20.89	20.94	21.08	22.5	3
10	64QAM	25	12	21.19	21.08	21.11		
10	64QAM	25	25	21.12	21.16	20.97		
10	64QAM	50	0	21.05	21.07	20.98		
10	256QAM	1	0	19.00	19.02	18.96	20.5	5
10	256QAM	1	25	19.18	19.20	18.94		
10	256QAM	1	49	19.32	18.96	19.00		
10	256QAM	25	0	19.09	18.98	18.93	20.5	5
10	256QAM	25	12	19.11	19.06	19.02		
10	256QAM	25	25	19.09	18.94	19.17		
10	256QAM	50	0	19.25	18.93	18.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.95	23.88	23.98	25.5	0
5	QPSK	1	12	24.09	24.14	23.96		
5	QPSK	1	24	24.22	23.95	23.97		
5	QPSK	12	0	23.08	22.99	22.99	24.5	1
5	QPSK	12	7	23.05	23.05	23.02		
5	QPSK	12	13	23.17	23.07	23.03		
5	QPSK	25	0	23.11	23.13	22.93		
5	16QAM	1	0	23.00	23.15	23.03	24.5	1
5	16QAM	1	12	23.19	23.27	22.97		
5	16QAM	1	24	23.03	23.07	23.01		
5	16QAM	12	0	21.97	22.01	21.96	23.5	2
5	16QAM	12	7	22.03	22.03	22.02		
5	16QAM	12	13	22.15	22.11	21.86		
5	16QAM	25	0	22.08	21.98	22.02		
5	64QAM	1	0	21.92	22.10	22.22	23.5	2
5	64QAM	1	12	22.06	22.24	22.03		
5	64QAM	1	24	22.11	22.01	21.98		
5	64QAM	12	0	20.96	20.98	21.18	22.5	3
5	64QAM	12	7	21.27	21.07	21.01		
5	64QAM	12	13	21.04	21.08	20.92		
5	64QAM	25	0	21.12	21.13	20.95		
5	256QAM	1	0	18.96	18.82	18.90	20.5	5
5	256QAM	1	12	19.18	19.05	18.85		
5	256QAM	1	24	19.21	19.04	18.96		
5	256QAM	12	0	18.98	18.96	19.00	20.5	5
5	256QAM	12	7	19.01	19.06	19.11		
5	256QAM	12	13	19.10	19.03	19.15		
5	256QAM	25	0	19.07	19.05	19.03		

Band 41 Ant3 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.35	24.17	24.37	24.16	24.15	25.5	0
20	QPSK	1	49	24.29	24.11	24.18	24.05	24.05		
20	QPSK	1	99	24.21	24.23	24.19	24.18	24.05		
20	QPSK	50	0	23.27	23.14	23.39	23.09	23.21	24.5	1
20	QPSK	50	24	23.32	23.21	23.29	23.08	23.34		
20	QPSK	50	50	23.32	23.19	23.31	23.08	23.09		
20	QPSK	100	0	23.30	23.21	23.32	23.02	23.12		
20	16QAM	1	0	23.09	23.17	23.08	23.24	23.26	24.5	1
20	16QAM	1	49	23.28	23.01	23.04	23.16	23.14		
20	16QAM	1	99	23.33	23.19	23.24	23.09	23.08		
20	16QAM	50	0	22.18	22.09	22.33	22.14	22.34	23.5	2
20	16QAM	50	24	22.33	22.24	22.39	22.15	22.17		
20	16QAM	50	50	22.28	22.22	22.26	22.04	22.13		
20	16QAM	100	0	22.26	22.30	22.38	22.07	22.00		
20	64QAM	1	0	22.37	22.10	22.17	22.11	22.21	23.5	2
20	64QAM	1	49	22.30	22.24	22.37	22.29	22.04		
20	64QAM	1	99	22.07	22.01	22.29	22.01	22.06		
20	64QAM	50	0	21.32	21.15	21.29	21.19	21.06	22.5	3
20	64QAM	50	24	21.25	21.24	21.34	21.06	21.01		
20	64QAM	50	50	21.23	21.24	21.32	21.05	21.13		
20	64QAM	100	0	21.24	21.16	21.32	21.15	21.10		
20	256QAM	1	0	19.26	19.10	19.29	19.14	19.25	20.5	5
20	256QAM	1	49	19.31	19.23	19.18	18.99	18.94		
20	256QAM	1	99	19.29	19.33	19.15	19.13	19.14		
20	256QAM	50	0	19.36	19.04	19.31	19.03	19.32	20.5	5
20	256QAM	50	24	19.30	19.10	19.23	19.04	19.31		
20	256QAM	50	50	19.36	19.11	19.38	19.09	19.13		
20	256QAM	100	0	19.20	19.24	19.25	19.03	19.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.30	24.12	24.23	24.04	24.03	25.50	0
15	QPSK	1	37	24.15	24.06	24.13	24.16	24.00		
15	QPSK	1	74	24.07	24.14	24.07	24.09	24.09		
15	QPSK	36	0	23.11	23.00	23.23	22.94	23.11	24.5	1
15	QPSK	36	20	23.28	23.16	23.21	22.97	23.24		
15	QPSK	36	39	23.24	23.10	23.20	22.99	22.96		
15	QPSK	75	0	23.23	23.10	23.14	22.91	23.04		
15	16QAM	1	0	23.03	23.07	22.92	23.17	23.13	24.5	1
15	16QAM	1	37	23.15	22.95	22.97	23.01	23.07		
15	16QAM	1	74	23.21	23.03	23.15	23.02	22.98		
15	16QAM	36	0	22.06	22.05	22.24	21.99	22.28	23.5	2
15	16QAM	36	20	22.19	22.19	22.26	22.02	22.07		
15	16QAM	36	39	22.22	22.09	22.19	21.90	22.07		
15	16QAM	75	0	22.12	22.16	22.30	22.28	22.21		
15	64QAM	1	0	22.23	22.05	22.02	21.99	22.06	23.5	2
15	64QAM	1	37	22.17	22.14	22.21	22.13	21.95		
15	64QAM	1	74	21.92	21.94	22.15	21.92	21.93		
15	64QAM	36	0	21.21	21.05	21.24	21.08	20.97	22.5	3
15	64QAM	36	20	21.12	21.11	21.26	20.95	20.93		
15	64QAM	36	39	21.08	21.16	21.24	20.97	20.98		
15	64QAM	75	0	21.10	21.08	21.24	21.09	21.00		
15	256QAM	1	0	19.22	19.09	19.19	19.01	19.02	20.5	5
15	256QAM	1	37	19.24	19.03	19.21	19.23	18.96		
15	256QAM	1	74	19.05	19.02	19.01	18.98	19.00		
15	256QAM	36	0	19.11	19.01	19.17	19.00	19.04	20.5	5
15	256QAM	36	20	19.28	19.12	19.32	19.08	19.28		
15	256QAM	36	39	19.24	19.16	19.26	19.07	19.02		
15	256QAM	75	0	19.12	19.18	19.14	18.89	18.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.23	24.12	24.32	24.12	24.07	25.50	0
10	QPSK	1	25	24.17	24.00	24.12	23.95	23.99		
10	QPSK	1	49	24.13	24.13	24.11	24.07	23.99		
10	QPSK	25	0	23.17	23.06	23.27	22.99	23.09	24.5	1
10	QPSK	25	12	23.24	23.06	23.14	22.97	23.34		
10	QPSK	25	25	23.16	23.14	23.25	22.99	23.04		
10	QPSK	50	0	23.21	23.14	23.20	22.96	23.03		
10	16QAM	1	0	22.95	23.06	22.96	23.11	23.19	24.5	1
10	16QAM	1	25	23.20	22.88	22.89	23.05	23.08		
10	16QAM	1	49	23.26	23.13	23.13	23.04	23.00		
10	16QAM	25	0	22.14	21.95	22.19	22.01	22.25	23.5	2
10	16QAM	25	12	22.18	22.17	22.24	22.09	22.03		
10	16QAM	25	25	22.24	22.12	22.17	21.90	22.02		
10	16QAM	50	0	22.15	22.17	22.34	22.01	22.17		
10	64QAM	1	0	22.21	21.95	22.07	21.97	22.08	23.5	2
10	64QAM	1	25	22.19	22.16	22.29	22.22	21.92		
10	64QAM	1	49	22.02	21.95	22.24	21.92	21.99		
10	64QAM	25	0	21.17	21.00	21.13	21.10	20.93	22.5	3
10	64QAM	25	12	21.21	21.18	21.19	20.95	20.89		
10	64QAM	25	25	21.16	21.19	21.26	20.97	20.98		
10	64QAM	50	0	21.19	21.05	21.21	21.02	20.98		
10	256QAM	1	0	19.16	19.05	19.24	19.22	19.01	20.5	5
10	256QAM	1	25	19.14	18.98	19.14	18.96	19.08		
10	256QAM	1	49	19.10	19.11	19.20	19.03	18.90		
10	256QAM	25	0	19.23	19.01	19.18	19.05	19.04	20.5	5
10	256QAM	25	12	19.26	19.15	19.05	19.07	19.22		
10	256QAM	25	25	19.14	19.12	19.26	18.89	19.11		
10	256QAM	50	0	19.10	19.12	19.19	18.94	19.07		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.22	24.08	24.33	24.02	24.04	25.50	0
5	QPSK	1	12	24.15	24.05	24.11	24.31	24.28		
5	QPSK	1	24	24.07	24.15	24.10	24.13	24.14		
5	QPSK	12	0	23.13	23.00	23.22	23.01	23.06	24.5	1
5	QPSK	12	7	23.28	23.07	23.24	23.25	23.23		
5	QPSK	12	13	23.16	23.04	23.16	23.01	22.97		
5	QPSK	25	0	23.22	23.17	23.23	22.92	22.98		
5	16QAM	1	0	23.01	23.03	23.00	23.09	23.22	24.5	1
5	16QAM	1	12	23.16	22.95	22.93	23.00	22.99		
5	16QAM	1	24	23.18	23.08	23.10	22.95	22.96		
5	16QAM	12	0	22.06	21.93	22.19	22.04	22.19	23.5	2
5	16QAM	12	7	22.20	22.19	22.25	22.04	22.05		
5	16QAM	12	13	22.22	22.08	22.19	21.91	22.06		
5	16QAM	25	0	22.21	22.16	22.31	21.92	21.94		
5	64QAM	1	0	22.27	22.03	22.11	22.00	22.10	23.5	2
5	64QAM	1	12	22.21	22.13	22.26	22.23	21.92		
5	64QAM	1	24	21.93	21.96	22.24	21.97	21.93		
5	64QAM	12	0	21.23	21.09	21.19	21.14	20.96	22.5	3
5	64QAM	12	7	21.10	21.18	21.18	20.98	20.96		
5	64QAM	12	13	21.09	21.12	21.19	20.91	21.01		
5	64QAM	25	0	21.12	21.08	21.18	21.00	21.01		
5	256QAM	1	0	19.12	18.99	19.29	19.08	19.03	20.5	5
5	256QAM	1	12	19.09	18.94	19.07	19.27	19.22		
5	256QAM	1	24	19.05	19.23	19.02	19.11	19.22		
5	256QAM	12	0	19.20	18.95	19.14	18.92	19.16	20.5	5
5	256QAM	12	7	19.16	19.07	19.24	19.31	19.19		
5	256QAM	12	13	19.11	19.07	19.22	19.02	18.97		
5	256QAM	25	0	19.16	19.07	19.17	18.87	19.00		

GSM1900 Ant4 DSI1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.59	26.81	26.64	27.50	17.59	17.81	17.64	18.50
GPRS 1 Tx slot	26.51	26.73	26.59	27.50	17.51	17.73	17.59	18.50
GPRS 2 Tx slots	22.85	22.93	22.81	24.50	16.85	16.93	16.81	18.50
GPRS 3 Tx slots	20.54	20.56	20.53	21.50	16.28	16.30	16.27	17.24
GPRS 4 Tx slots	18.87	18.83	18.73	20.50	15.87	15.83	15.73	17.50
EDGE 1 Tx slot	25.18	25.59	25.25	26.50	16.18	16.59	16.25	17.50
EDGE 2 Tx slots	21.97	22.08	22.22	23.00	15.97	16.08	16.22	17.00
EDGE 3 Tx slots	20.22	20.64	20.39	21.50	15.96	16.38	16.13	17.24
EDGE 4 Tx slots	18.71	18.97	18.92	20.50	15.71	15.97	15.92	17.50

WCDMA II Ant4 DSI1 / WCDMA IV Ant4 DSI1

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.69	14.82	14.67	16.00	14.71	14.83	14.76	16.00
3GPP Rel 99	RMC 12.2Kbps	14.86	14.91	14.74	16.00	14.79	14.92	14.81	16.00
3GPP Rel 6	HSDPA Subtest-1	14.17	14.10	13.94	15.00	13.97	14.13	13.90	15.00
3GPP Rel 6	HSDPA Subtest-2	14.15	14.13	13.95	15.00	13.99	14.06	13.88	15.00
3GPP Rel 6	HSDPA Subtest-3	13.65	13.65	13.44	14.50	13.53	13.58	13.34	14.50
3GPP Rel 6	HSDPA Subtest-4	13.64	13.62	13.45	14.50	13.49	13.59	13.43	14.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.19	14.17	13.88	15.00	14.03	14.11	13.92	15.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.05	14.02	13.89	15.00	14.07	14.02	13.82	15.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.60	13.69	13.44	14.50	13.62	13.55	13.22	14.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.59	13.50	13.53	14.50	13.55	13.61	13.34	14.50
3GPP Rel 6	HSUPA Subtest-1	14.26	14.08	13.99	15.00	14.01	14.10	13.89	15.00
3GPP Rel 6	HSUPA Subtest-2	12.07	12.20	12.04	13.00	12.05	12.17	12.01	13.00
3GPP Rel 6	HSUPA Subtest-3	13.20	13.16	12.85	14.00	13.03	13.02	12.82	14.00
3GPP Rel 6	HSUPA Subtest-4	12.10	12.14	11.88	13.00	11.92	12.13	11.99	13.00
3GPP Rel 6	HSUPA Subtest-5	14.21	14.06	13.94	15.00	13.90	14.17	13.95	15.00

Band 2 Ant4 DSI1

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	16.25	16.33	16.20	17.5	0
20	QPSK	1	49	16.31	16.27	16.17		
20	QPSK	1	99	16.13	16.20	16.14		
20	QPSK	50	0	16.23	16.31	16.27	17.5	0
20	QPSK	50	24	16.24	16.29	16.26		
20	QPSK	50	50	16.13	16.23	16.21		
20	QPSK	100	0	16.18	16.26	16.23		
20	16QAM	1	0	16.19	16.07	16.09	17.5	0
20	16QAM	1	49	16.22	16.11	16.14		
20	16QAM	1	99	16.16	16.12	16.25		
20	16QAM	50	0	16.27	16.32	16.27	17.5	0
20	16QAM	50	24	16.21	16.28	16.28		
20	16QAM	50	50	16.23	16.19	16.15		
20	16QAM	100	0	16.19	16.28	16.26		
20	64QAM	1	0	16.15	16.07	16.32	17.5	0
20	64QAM	1	49	16.16	16.04	16.18		
20	64QAM	1	99	16.20	16.26	16.15		
20	64QAM	50	0	16.07	16.31	16.28	17.5	0
20	64QAM	50	24	16.16	16.28	16.24		
20	64QAM	50	50	16.06	16.21	16.20		
20	64QAM	100	0	16.24	16.27	16.23		
20	256QAM	1	0	16.15	16.28	16.10	17.5	0
20	256QAM	1	49	16.28	16.20	15.99		
20	256QAM	1	99	16.12	16.14	16.03		
20	256QAM	50	0	16.10	16.19	16.28	17.5	0
20	256QAM	50	24	16.09	16.22	16.16		
20	256QAM	50	50	16.10	16.20	16.17		
20	256QAM	100	0	16.03	16.15	16.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.20	16.17	16.20	17.5	0
15	QPSK	1	37	16.23	16.25	16.03		
15	QPSK	1	74	15.98	16.19	16.03		
15	QPSK	36	0	16.08	16.12	16.25	17.5	0
15	QPSK	36	20	16.12	16.27	16.07		
15	QPSK	36	39	15.94	16.04	16.15		
15	QPSK	75	0	16.10	16.09	16.09		
15	16QAM	1	0	16.19	15.86	16.03	17.5	0
15	16QAM	1	37	16.01	16.08	15.99		
15	16QAM	1	74	16.06	16.04	16.14		
15	16QAM	36	0	16.14	16.20	16.11	17.5	0
15	16QAM	36	20	16.17	16.25	16.16		
15	16QAM	36	39	16.10	16.08	16.09		
15	16QAM	75	0	16.10	16.10	16.06		
15	64QAM	1	0	16.14	16.02	16.11	17.5	0
15	64QAM	1	37	15.96	15.99	16.00		
15	64QAM	1	74	16.14	16.06	16.00		
15	64QAM	36	0	16.06	16.11	16.24	17.5	0
15	64QAM	36	20	15.95	16.20	16.18		
15	64QAM	36	39	15.94	16.15	16.00		
15	64QAM	75	0	16.10	16.09	16.08		
15	256QAM	1	0	16.06	16.15	15.94	17.5	0
15	256QAM	1	37	16.12	16.11	15.91		
15	256QAM	1	74	15.91	16.02	15.90		
15	256QAM	36	0	15.91	16.13	16.20	17.5	0
15	256QAM	36	20	15.89	16.08	16.15		
15	256QAM	36	39	15.90	16.00	16.08		
15	256QAM	75	0	15.86	16.01	16.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.14	16.18	16.03	17.5	0
10	QPSK	1	25	16.12	16.27	16.16		
10	QPSK	1	49	16.11	16.01	16.14		
10	QPSK	25	0	16.17	16.30	16.10	17.5	0
10	QPSK	25	12	16.10	16.21	16.19		
10	QPSK	25	25	16.08	16.22	16.23		
10	QPSK	50	0	16.04	16.23	16.02		
10	16QAM	1	0	16.08	15.88	16.05	17.5	0
10	16QAM	1	25	16.02	15.93	15.94		
10	16QAM	1	49	16.12	16.11	16.07		
10	16QAM	25	0	16.13	16.31	16.16	17.5	0
10	16QAM	25	12	16.06	16.15	16.20		
10	16QAM	25	25	16.03	16.20	16.11		
10	16QAM	50	0	16.04	16.14	16.18		
10	64QAM	1	0	16.00	16.00	16.25	17.5	0
10	64QAM	1	25	16.12	16.04	16.14		
10	64QAM	1	49	16.01	16.28	15.97		
10	64QAM	25	0	15.91	16.09	16.08	17.5	0
10	64QAM	25	12	16.14	16.27	16.12		
10	64QAM	25	25	16.05	16.06	16.01		
10	64QAM	50	0	16.16	16.15	16.06		
10	256QAM	1	0	16.08	16.19	16.08	17.5	0
10	256QAM	1	25	16.28	16.13	15.90		
10	256QAM	1	49	15.93	16.12	15.89		
10	256QAM	25	0	15.90	16.09	16.21	17.5	0
10	256QAM	25	12	16.05	16.21	16.06		
10	256QAM	25	25	15.95	16.15	15.99		
10	256QAM	50	0	15.97	16.08	16.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.17	16.09	15.96	17.5	0
5	QPSK	1	12	16.21	16.18	16.05		
5	QPSK	1	24	15.90	15.98	15.93		
5	QPSK	12	0	16.18	16.18	16.15	17.5	0
5	QPSK	12	7	16.00	16.12	16.23		
5	QPSK	12	13	15.99	16.04	15.95		
5	QPSK	25	0	16.03	16.07	15.98		
5	16QAM	1	0	16.06	15.82	15.87	17.5	0
5	16QAM	1	12	16.04	16.05	16.03		
5	16QAM	1	24	15.93	15.86	16.15		
5	16QAM	12	0	16.07	16.07	16.14	17.5	0
5	16QAM	12	7	16.00	16.23	16.25		
5	16QAM	12	13	15.97	16.01	16.12		
5	16QAM	25	0	15.94	16.11	16.19		
5	64QAM	1	0	16.01	15.87	16.15	17.5	0
5	64QAM	1	12	15.95	16.01	15.95		
5	64QAM	1	24	16.13	16.17	16.09		
5	64QAM	12	0	16.04	16.25	16.19	17.5	0
5	64QAM	12	7	15.93	16.20	16.04		
5	64QAM	12	13	15.93	15.97	16.16		
5	64QAM	25	0	16.04	16.16	16.13		
5	256QAM	1	0	16.05	16.03	15.98	17.5	0
5	256QAM	1	12	16.16	15.96	15.82		
5	256QAM	1	24	15.99	15.96	15.87		
5	256QAM	12	0	15.91	15.92	16.03	17.5	0
5	256QAM	12	7	16.04	15.96	16.10		
5	256QAM	12	13	15.95	16.09	16.05		
5	256QAM	25	0	15.79	15.89	15.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.12	16.14	16.12	17.5	0
3	QPSK	1	8	16.18	16.12	16.11		
3	QPSK	1	14	15.89	16.08	15.94		
3	QPSK	8	0	16.17	16.08	16.09	17.5	0
3	QPSK	8	4	16.18	16.06	16.18		
3	QPSK	8	7	15.89	16.16	16.09		
3	QPSK	15	0	15.96	16.23	16.07		
3	16QAM	1	0	16.01	15.97	15.97	17.5	0
3	16QAM	1	8	16.09	15.90	15.99		
3	16QAM	1	14	16.08	16.00	16.12		
3	16QAM	8	0	16.04	16.07	16.02	17.5	0
3	16QAM	8	4	16.12	16.14	16.18		
3	16QAM	8	7	16.10	16.07	15.92		
3	16QAM	15	0	16.03	16.02	16.21		
3	64QAM	1	0	16.07	16.01	16.23	17.5	0
3	64QAM	1	8	15.92	15.96	15.97		
3	64QAM	1	14	16.04	16.23	16.10		
3	64QAM	8	0	15.98	16.21	16.02	17.5	0
3	64QAM	8	4	16.02	16.12	16.20		
3	64QAM	8	7	15.83	16.01	16.12		
3	64QAM	15	0	16.05	16.15	15.99		
3	256QAM	1	0	15.90	16.07	16.01	17.5	0
3	256QAM	1	8	16.21	15.96	15.86		
3	256QAM	1	14	16.00	16.07	15.91		
3	256QAM	8	0	16.03	16.07	16.07	17.5	0
3	256QAM	8	4	15.88	16.16	15.94		
3	256QAM	8	7	15.97	16.05	16.07		
3	256QAM	15	0	15.96	15.98	16.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.00	16.09	16.08	17.5	0
1.4	QPSK	1	3	16.11	16.18	15.89		
1.4	QPSK	1	5	15.87	15.96	15.92		
1.4	QPSK	3	0	16.05	16.10	16.03		
1.4	QPSK	3	1	16.00	15.99	16.15		
1.4	QPSK	3	3	15.87	15.97	16.11		
1.4	QPSK	6	0	15.91	16.15	16.10	17.5	0
1.4	16QAM	1	0	16.00	15.98	15.96	17.5	0
1.4	16QAM	1	3	16.02	15.79	15.97		
1.4	16QAM	1	5	16.04	15.91	15.94		
1.4	16QAM	3	0	16.09	16.20	15.98		
1.4	16QAM	3	1	16.06	16.18	16.06		
1.4	16QAM	3	3	16.03	16.00	16.05		
1.4	16QAM	6	0	16.00	15.97	16.11	17.5	0
1.4	64QAM	1	0	15.85	15.93	16.07	17.5	0
1.4	64QAM	1	3	15.88	15.95	15.95		
1.4	64QAM	1	5	15.99	16.16	15.97		
1.4	64QAM	3	0	15.86	16.15	16.01		
1.4	64QAM	3	1	15.93	16.11	16.09		
1.4	64QAM	3	3	15.87	16.12	15.91		
1.4	64QAM	6	0	16.10	16.07	16.12	17.5	0
1.4	256QAM	1	0	16.00	16.00	15.92	17.5	0
1.4	256QAM	1	3	16.04	15.97	15.70		
1.4	256QAM	1	5	16.03	15.93	15.94		
1.4	256QAM	3	0	15.87	16.06	16.01		
1.4	256QAM	3	1	15.91	16.05	15.92		
1.4	256QAM	3	3	15.94	16.04	16.06		
1.4	256QAM	6	0	15.88	15.85	16.02	17.5	0

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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	16.09	16.27	16.21	17.5	0
20	QPSK	1	49	16.24	16.23	16.13		
20	QPSK	1	99	16.10	16.05	15.94		
20	QPSK	50	0	16.19	16.23	16.21	17.5	0
20	QPSK	50	24	16.21	16.17	16.21		
20	QPSK	50	50	16.19	16.14	16.09		
20	QPSK	100	0	16.15	16.20	16.16		
20	16QAM	1	0	16.13	15.97	16.10	17.5	0
20	16QAM	1	49	16.07	16.17	16.16		
20	16QAM	1	99	16.08	16.04	16.23		
20	16QAM	50	0	16.19	16.06	16.19	17.5	0
20	16QAM	50	24	16.03	16.09	16.24		
20	16QAM	50	50	16.20	16.22	16.11		
20	16QAM	100	0	16.26	16.22	16.20		
20	64QAM	1	0	16.17	15.96	15.99	17.5	0
20	64QAM	1	49	15.88	15.93	16.04		
20	64QAM	1	99	16.10	16.17	16.06		
20	64QAM	50	0	16.18	16.08	16.18	17.5	0
20	64QAM	50	24	16.16	16.14	16.22		
20	64QAM	50	50	16.24	16.18	16.11		
20	64QAM	100	0	16.25	16.07	16.19		
20	256QAM	1	0	16.07	16.16	16.11	17.5	0
20	256QAM	1	49	16.18	16.05	16.13		
20	256QAM	1	99	15.95	15.99	15.96		
20	256QAM	50	0	16.19	16.10	16.15	17.5	0
20	256QAM	50	24	16.05	16.05	16.09		
20	256QAM	50	50	16.05	15.93	16.05		
20	256QAM	100	0	16.07	16.15	16.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.92	16.07	16.11	17.5	0
15	QPSK	1	37	16.06	16.12	15.92		
15	QPSK	1	74	16.01	16.04	15.81		
15	QPSK	36	0	16.04	16.05	16.14	17.5	0
15	QPSK	36	20	16.11	16.15	16.20		
15	QPSK	36	39	16.03	16.03	15.94		
15	QPSK	75	0	16.08	16.19	15.97		
15	16QAM	1	0	16.07	15.90	16.03	17.5	0
15	16QAM	1	37	15.86	16.06	16.17		
15	16QAM	1	74	16.10	15.98	16.09		
15	16QAM	36	0	16.19	15.89	16.05	17.5	0
15	16QAM	36	20	16.00	16.04	16.19		
15	16QAM	36	39	15.99	16.02	16.07		
15	16QAM	75	0	16.16	16.06	16.18		
15	64QAM	1	0	16.00	15.78	15.90	17.5	0
15	64QAM	1	37	15.76	15.92	16.05		
15	64QAM	1	74	16.04	16.14	15.93		
15	64QAM	36	0	16.14	15.97	16.03	17.5	0
15	64QAM	36	20	16.17	16.08	16.01		
15	64QAM	36	39	16.16	15.96	15.97		
15	64QAM	75	0	16.13	15.97	16.20		
15	256QAM	1	0	16.05	16.07	15.92	17.5	0
15	256QAM	1	37	16.07	15.97	16.02		
15	256QAM	1	74	15.76	15.84	15.77		
15	256QAM	36	0	16.11	16.00	16.12	17.5	0
15	256QAM	36	20	15.89	15.91	15.91		
15	256QAM	36	39	15.88	15.81	15.91		
15	256QAM	75	0	15.99	16.13	16.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.96	16.19	16.05	17.5	0
10	QPSK	1	25	16.05	16.01	15.93		
10	QPSK	1	49	16.08	15.94	15.80		
10	QPSK	25	0	16.18	16.02	16.16	17.5	0
10	QPSK	25	12	16.02	16.08	16.10		
10	QPSK	25	25	16.04	16.05	15.98		
10	QPSK	50	0	15.98	16.17	15.98		
10	16QAM	1	0	15.93	15.82	15.90	17.5	0
10	16QAM	1	25	16.00	16.03	15.97		
10	16QAM	1	49	16.03	15.91	16.20		
10	16QAM	25	0	16.00	15.94	16.13	17.5	0
10	16QAM	25	12	15.91	15.91	16.24		
10	16QAM	25	25	16.22	16.10	15.92		
10	16QAM	50	0	16.21	16.07	16.17		
10	64QAM	1	0	16.07	15.90	15.94	17.5	0
10	64QAM	1	25	15.85	15.90	15.96		
10	64QAM	1	49	15.95	16.17	16.01		
10	64QAM	25	0	16.09	15.95	16.02	17.5	0
10	64QAM	25	12	16.08	16.08	16.05		
10	64QAM	25	25	16.16	16.10	15.91		
10	64QAM	50	0	16.06	15.95	16.17		
10	256QAM	1	0	15.86	15.96	16.05	17.5	0
10	256QAM	1	25	15.99	15.96	16.03		
10	256QAM	1	49	15.74	15.82	15.82		
10	256QAM	25	0	16.18	16.11	16.15	17.5	0
10	256QAM	25	12	15.89	16.07	15.91		
10	256QAM	25	25	15.94	15.89	15.91		
10	256QAM	50	0	16.02	16.11	16.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.88	16.12	16.05	17.5	0
5	QPSK	1	12	16.11	16.17	15.89		
5	QPSK	1	24	15.98	15.83	15.87		
5	QPSK	12	0	16.11	16.13	16.08	17.5	0
5	QPSK	12	7	16.01	15.98	16.04		
5	QPSK	12	13	15.97	16.04	16.01		
5	QPSK	25	0	15.96	16.11	16.11		
5	16QAM	1	0	15.92	15.90	15.89	17.5	0
5	16QAM	1	12	15.86	15.95	16.00		
5	16QAM	1	24	15.90	15.87	16.02		
5	16QAM	12	0	15.93	15.87	16.08	17.5	0
5	16QAM	12	7	15.81	16.00	16.11		
5	16QAM	12	13	16.00	16.18	16.06		
5	16QAM	25	0	16.02	16.12	16.13		
5	64QAM	1	0	15.98	15.83	15.93	17.5	0
5	64QAM	1	12	15.74	15.70	15.79		
5	64QAM	1	24	15.84	15.96	15.83		
5	64QAM	12	0	16.14	15.98	16.02	17.5	0
5	64QAM	12	7	16.01	16.10	15.99		
5	64QAM	12	13	16.03	16.11	16.04		
5	64QAM	25	0	15.99	15.85	16.12		
5	256QAM	1	0	15.84	16.03	15.94	17.5	0
5	256QAM	1	12	16.03	15.86	16.01		
5	256QAM	1	24	15.72	15.77	15.87		
5	256QAM	12	0	16.02	15.89	15.90	17.5	0
5	256QAM	12	7	15.99	15.79	15.89		
5	256QAM	12	13	15.82	15.77	15.78		
5	256QAM	25	0	15.88	15.94	15.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.89	16.14	16.14	17.5	0
3	QPSK	1	8	16.06	16.14	15.98		
3	QPSK	1	14	15.88	16.00	15.90		
3	QPSK	8	0	16.07	16.04	16.00	17.5	0
3	QPSK	8	4	16.17	16.08	15.95		
3	QPSK	8	7	16.12	16.00	16.04		
3	QPSK	15	0	16.06	15.99	15.90		
3	16QAM	1	0	16.01	15.92	15.85	17.5	0
3	16QAM	1	8	15.87	15.97	15.99		
3	16QAM	1	14	16.04	15.93	16.18		
3	16QAM	8	0	16.06	16.01	15.97	17.5	0
3	16QAM	8	4	15.90	15.92	16.17		
3	16QAM	8	7	16.02	16.15	15.99		
3	16QAM	15	0	16.09	15.99	16.17		
3	64QAM	1	0	16.08	15.75	15.72	17.5	0
3	64QAM	1	8	15.80	15.86	16.00		
3	64QAM	1	14	15.93	15.99	15.95		
3	64QAM	8	0	16.08	16.00	16.00	17.5	0
3	64QAM	8	4	15.91	15.98	16.00		
3	64QAM	8	7	16.20	15.95	15.87		
3	64QAM	15	0	16.13	15.97	15.98		
3	256QAM	1	0	15.86	16.02	15.84	17.5	0
3	256QAM	1	8	15.97	15.96	15.92		
3	256QAM	1	14	15.89	15.92	15.75		
3	256QAM	8	0	16.06	16.04	16.04	17.5	0
3	256QAM	8	4	15.87	15.82	15.86		
3	256QAM	8	7	16.02	15.89	15.82		
3	256QAM	15	0	15.94	16.03	16.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.90	16.00	16.10	17.5	0
1.4	QPSK	1	3	16.08	15.98	16.03		
1.4	QPSK	1	5	15.88	15.75	15.73		
1.4	QPSK	3	0	16.06	16.00	15.94		
1.4	QPSK	3	1	15.99	16.07	15.97		
1.4	QPSK	3	3	15.90	16.00	15.97		
1.4	QPSK	6	0	16.06	16.12	15.92	17.5	0
1.4	16QAM	1	0	16.02	15.86	16.00	17.5	0
1.4	16QAM	1	3	15.98	15.91	15.96		
1.4	16QAM	1	5	15.93	15.90	16.13		
1.4	16QAM	3	0	15.88	15.92	16.10		
1.4	16QAM	3	1	15.75	15.81	16.02		
1.4	16QAM	3	3	15.90	15.95	15.79		
1.4	16QAM	6	0	16.11	15.95	16.08	17.5	0
1.4	64QAM	1	0	15.95	15.72	15.74	17.5	0
1.4	64QAM	1	3	15.79	15.71	15.76		
1.4	64QAM	1	5	15.92	15.96	15.94		
1.4	64QAM	3	0	15.94	15.78	16.01		
1.4	64QAM	3	1	16.07	15.89	15.99		
1.4	64QAM	3	3	16.05	16.00	16.03		
1.4	64QAM	6	0	16.03	15.93	16.04	17.5	0
1.4	256QAM	1	0	15.92	15.94	16.01	17.5	0
1.4	256QAM	1	3	16.01	15.91	15.99		
1.4	256QAM	1	5	15.70	15.83	15.73		
1.4	256QAM	3	0	15.94	15.84	15.92		
1.4	256QAM	3	1	15.84	15.94	15.98		
1.4	256QAM	3	3	15.76	15.83	15.76		
1.4	256QAM	6	0	15.78	15.87	16.04	17.5	0

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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	17.73	17.80	17.66	18.5	0
20	QPSK	1	49	17.72	17.78	17.61		
20	QPSK	1	99	17.73	17.79	17.74		
20	QPSK	50	0	17.70	17.77	17.62	18.5	0
20	QPSK	50	24	17.63	17.67	17.73		
20	QPSK	50	50	17.68	17.72	17.75		
20	QPSK	100	0	17.64	17.71	17.69		
20	16QAM	1	0	17.62	17.65	17.64	18.5	0
20	16QAM	1	49	17.71	17.56	17.63		
20	16QAM	1	99	17.60	17.61	17.73		
20	16QAM	50	0	17.72	17.61	17.54	18.5	0
20	16QAM	50	24	17.63	17.74	17.63		
20	16QAM	50	50	17.61	17.76	17.67		
20	16QAM	100	0	17.62	17.79	17.57		
20	64QAM	1	0	17.79	17.74	17.54	18.5	0
20	64QAM	1	49	17.67	17.75	17.62		
20	64QAM	1	99	17.77	17.63	17.73		
20	64QAM	50	0	17.70	17.63	17.78	18.5	0
20	64QAM	50	24	17.60	17.58	17.64		
20	64QAM	50	50	17.65	17.63	17.72		
20	64QAM	100	0	17.66	17.68	17.59		
20	256QAM	1	0	17.74	17.77	17.63	18.5	0
20	256QAM	1	49	17.65	17.76	17.49		
20	256QAM	1	99	17.53	17.72	17.75		
20	256QAM	50	0	17.69	17.66	17.52	18.5	0
20	256QAM	50	24	17.59	17.46	17.54		
20	256QAM	50	50	17.69	17.54	17.68		
20	256QAM	100	0	17.57	17.54	17.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.66	17.78	17.48	18.5	0
15	QPSK	1	37	17.72	17.77	17.58		
15	QPSK	1	74	17.57	17.73	17.57		
15	QPSK	36	0	17.59	17.74	17.47	18.5	0
15	QPSK	36	20	17.49	17.69	17.72		
15	QPSK	36	39	17.54	17.74	17.72		
15	QPSK	75	0	17.59	17.63	17.57		
15	16QAM	1	0	17.45	17.63	17.63	18.5	0
15	16QAM	1	37	17.50	17.54	17.52		
15	16QAM	1	74	17.45	17.52	17.56		
15	16QAM	36	0	17.51	17.43	17.46	18.5	0
15	16QAM	36	20	17.58	17.66	17.62		
15	16QAM	36	39	17.52	17.65	17.45		
15	16QAM	75	0	17.49	17.60	17.51		
15	64QAM	1	0	17.60	17.71	17.43	18.5	0
15	64QAM	1	37	17.46	17.54	17.61		
15	64QAM	1	74	17.56	17.63	17.65		
15	64QAM	36	0	17.63	17.53	17.66	18.5	0
15	64QAM	36	20	17.38	17.55	17.43		
15	64QAM	36	39	17.65	17.59	17.73		
15	64QAM	75	0	17.54	17.55	17.51		
15	256QAM	1	0	17.58	17.77	17.47	18.5	0
15	256QAM	1	37	17.61	17.56	17.43		
15	256QAM	1	74	17.40	17.73	17.72		
15	256QAM	36	0	17.56	17.46	17.37	18.5	0
15	256QAM	36	20	17.54	17.37	17.38		
15	256QAM	36	39	17.57	17.34	17.58		
15	256QAM	75	0	17.48	17.56	17.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.61	17.66	17.60	18.5	0
10	QPSK	1	25	17.55	17.76	17.58		
10	QPSK	1	49	17.65	17.62	17.54		
10	QPSK	25	0	17.63	17.76	17.63	18.5	0
10	QPSK	25	12	17.51	17.47	17.68		
10	QPSK	25	25	17.52	17.57	17.61		
10	QPSK	50	0	17.65	17.51	17.50		
10	16QAM	1	0	17.43	17.66	17.51	18.5	0
10	16QAM	1	25	17.50	17.56	17.56		
10	16QAM	1	49	17.56	17.47	17.58		
10	16QAM	25	0	17.73	17.42	17.50	18.5	0
10	16QAM	25	12	17.44	17.73	17.48		
10	16QAM	25	25	17.62	17.68	17.59		
10	16QAM	50	0	17.59	17.63	17.44		
10	64QAM	1	0	17.77	17.62	17.40	18.5	0
10	64QAM	1	25	17.56	17.57	17.55		
10	64QAM	1	49	17.71	17.62	17.55		
10	64QAM	25	0	17.60	17.53	17.61	18.5	0
10	64QAM	25	12	17.56	17.52	17.57		
10	64QAM	25	25	17.64	17.54	17.54		
10	64QAM	50	0	17.64	17.65	17.55		
10	256QAM	1	0	17.57	17.61	17.52	18.5	0
10	256QAM	1	25	17.57	17.58	17.46		
10	256QAM	1	49	17.54	17.52	17.58		
10	256QAM	25	0	17.57	17.63	17.52	18.5	0
10	256QAM	25	12	17.55	17.32	17.49		
10	256QAM	25	25	17.60	17.44	17.66		
10	256QAM	50	0	17.57	17.45	17.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.63	17.51	17.39	18.5	0
5	QPSK	1	12	17.53	17.50	17.42		
5	QPSK	1	24	17.57	17.64	17.52		
5	QPSK	12	0	17.45	17.57	17.46	18.5	0
5	QPSK	12	7	17.31	17.54	17.46		
5	QPSK	12	13	17.50	17.51	17.43		
5	QPSK	25	0	17.56	17.61	17.48		
5	16QAM	1	0	17.50	17.33	17.42	18.5	0
5	16QAM	1	12	17.51	17.44	17.49		
5	16QAM	1	24	17.51	17.38	17.62		
5	16QAM	12	0	17.59	17.32	17.26	18.5	0
5	16QAM	12	7	17.52	17.61	17.54		
5	16QAM	12	13	17.38	17.50	17.50		
5	16QAM	25	0	17.40	17.55	17.39		
5	64QAM	1	0	17.64	17.61	17.45	18.5	0
5	64QAM	1	12	17.37	17.62	17.43		
5	64QAM	1	24	17.50	17.54	17.57		
5	64QAM	12	0	17.45	17.31	17.54	18.5	0
5	64QAM	12	7	17.32	17.45	17.53		
5	64QAM	12	13	17.42	17.37	17.55		
5	64QAM	25	0	17.50	17.41	17.32		
5	256QAM	1	0	17.58	17.62	17.55	18.5	0
5	256QAM	1	12	17.46	17.44	17.28		
5	256QAM	1	24	17.37	17.44	17.50		
5	256QAM	12	0	17.58	17.50	17.30	18.5	0
5	256QAM	12	7	17.31	17.28	17.23		
5	256QAM	12	13	17.55	17.27	17.48		
5	256QAM	25	0	17.41	17.24	17.41		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.34	17.36	17.32	18.5	0
20	QPSK	1	49	17.18	17.26	17.15		
20	QPSK	1	99	17.02	17.12	17.00		
20	QPSK	50	0	17.28	17.29	17.06	18.5	0
20	QPSK	50	24	17.19	17.03	17.05		
20	QPSK	50	50	17.13	17.24	17.15		
20	QPSK	100	0	17.10	17.25	17.22		
20	16QAM	1	0	17.30	17.24	17.13	18.5	0
20	16QAM	1	49	16.97	17.18	17.24		
20	16QAM	1	99	17.16	16.87	17.12		
20	16QAM	50	0	17.23	17.11	17.25	18.5	0
20	16QAM	50	24	17.28	17.21	17.18		
20	16QAM	50	50	17.29	17.08	17.19		
20	16QAM	100	0	17.29	17.12	17.32		
20	64QAM	1	0	17.04	17.24	17.35	18.5	0
20	64QAM	1	49	17.11	17.08	16.99		
20	64QAM	1	99	17.26	17.19	17.19		
20	64QAM	50	0	17.23	17.11	17.28	18.5	0
20	64QAM	50	24	17.24	17.17	17.17		
20	64QAM	50	50	17.12	17.16	17.14		
20	64QAM	100	0	17.32	17.08	17.30		
20	256QAM	1	0	17.16	17.13	17.13	18.5	0
20	256QAM	1	49	17.27	16.98	17.01		
20	256QAM	1	99	17.07	17.07	16.98		
20	256QAM	50	0	17.00	17.17	17.08	18.5	0
20	256QAM	50	24	17.00	17.05	16.92		
20	256QAM	50	50	17.16	17.13	17.00		
20	256QAM	100	0	17.17	17.14	17.01		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.26	17.34	17.33	18.5	0
15	QPSK	1	37	17.33	17.11	17.31		
15	QPSK	1	74	17.06	17.13	17.08		
15	QPSK	36	0	17.10	17.18	17.18	18.5	0
15	QPSK	36	20	17.20	17.20	17.15		
15	QPSK	36	39	17.24	17.19	17.14		
15	QPSK	75	0	17.15	17.14	17.18		
15	16QAM	1	0	17.13	17.22	17.17	18.5	0
15	16QAM	1	37	16.89	17.34	17.31		
15	16QAM	1	74	17.14	16.96	17.20		
15	16QAM	36	0	17.14	17.18	17.20	18.5	0
15	16QAM	36	20	17.18	17.15	17.19		
15	16QAM	36	39	17.27	17.19	17.11		
15	16QAM	75	0	17.21	17.20	17.34		
15	64QAM	1	0	17.08	17.25	17.17	18.5	0
15	64QAM	1	37	17.18	17.01	17.06		
15	64QAM	1	74	17.25	17.25	17.25		
15	64QAM	36	0	17.25	17.22	17.18	18.5	0
15	64QAM	36	20	17.16	17.09	17.18		
15	64QAM	36	39	17.22	17.17	17.33		
15	64QAM	75	0	17.28	17.05	17.26		
15	256QAM	1	0	17.27	17.00	17.17	18.5	0
15	256QAM	1	37	17.16	17.13	17.08		
15	256QAM	1	74	17.06	17.15	17.04		
15	256QAM	36	0	17.18	17.14	17.20	18.5	0
15	256QAM	36	20	17.09	17.17	16.88		
15	256QAM	36	39	17.20	16.98	17.14		
15	256QAM	75	0	17.20	17.15	16.99		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.14	17.22	17.23	18.5	0
10	QPSK	1	25	17.20	17.04	17.32		
10	QPSK	1	49	17.18	17.22	17.11		
10	QPSK	25	0	17.30	17.26	17.23	18.5	0
10	QPSK	25	12	17.13	17.10	17.08		
10	QPSK	25	25	17.32	17.12	17.09		
10	QPSK	50	0	17.13	17.28	17.13		
10	16QAM	1	0	17.34	17.09	17.15	18.5	0
10	16QAM	1	25	16.85	17.20	17.25		
10	16QAM	1	49	17.08	16.99	17.27		
10	16QAM	25	0	17.27	17.13	17.31	18.5	0
10	16QAM	25	12	17.17	17.16	17.09		
10	16QAM	25	25	17.24	17.18	17.19		
10	16QAM	50	0	17.28	17.01	17.14		
10	64QAM	1	0	16.93	17.25	17.18	18.5	0
10	64QAM	1	25	17.08	17.10	16.87		
10	64QAM	1	49	17.09	17.34	17.29		
10	64QAM	25	0	17.15	17.10	17.31	18.5	0
10	64QAM	25	12	17.27	17.17	17.27		
10	64QAM	25	25	17.12	17.24	17.27		
10	64QAM	50	0	17.25	17.25	17.34		
10	256QAM	1	0	17.14	17.15	17.17	18.5	0
10	256QAM	1	25	17.32	17.14	17.05		
10	256QAM	1	49	17.16	17.20	17.12		
10	256QAM	25	0	17.10	17.02	17.22	18.5	0
10	256QAM	25	12	17.07	17.05	16.94		
10	256QAM	25	25	17.22	17.08	17.17		
10	256QAM	50	0	17.09	17.17	16.96		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.32	17.29	17.30	18.5	0
5	QPSK	1	12	17.23	17.18	17.33		
5	QPSK	1	24	17.05	17.28	17.09		
5	QPSK	12	0	17.10	17.28	17.26	18.5	0
5	QPSK	12	7	17.18	17.09	17.22		
5	QPSK	12	13	17.10	17.18	17.21		
5	QPSK	25	0	17.25	17.34	17.17		
5	16QAM	1	0	17.32	17.12	17.07	18.5	0
5	16QAM	1	12	16.85	17.29	17.23		
5	16QAM	1	24	17.18	17.06	17.34		
5	16QAM	12	0	17.28	17.11	17.13	18.5	0
5	16QAM	12	7	17.27	17.07	17.21		
5	16QAM	12	13	17.32	17.16	17.22		
5	16QAM	25	0	17.21	17.08	17.22		
5	64QAM	1	0	16.99	17.19	17.28	18.5	0
5	64QAM	1	12	17.12	17.04	16.87		
5	64QAM	1	24	17.22	17.26	17.17		
5	64QAM	12	0	17.28	17.24	17.23	18.5	0
5	64QAM	12	7	17.16	17.15	17.20		
5	64QAM	12	13	17.16	17.19	17.21		
5	64QAM	25	0	17.33	17.15	17.35		
5	256QAM	1	0	17.30	17.07	17.34	18.5	0
5	256QAM	1	12	17.18	17.11	17.18		
5	256QAM	1	24	17.02	17.07	17.15		
5	256QAM	12	0	17.03	17.06	17.08	18.5	0
5	256QAM	12	7	16.94	17.11	16.87		
5	256QAM	12	13	17.11	16.93	17.15		
5	256QAM	25	0	17.07	17.05	16.98		
Channel				26045	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.23	17.24	17.32	18.5	0
3	QPSK	1	8	17.27	17.09	17.32		
3	QPSK	1	14	17.01	17.12	17.21		
3	QPSK	8	0	17.13	17.20	17.28	18.5	0
3	QPSK	8	4	17.18	17.20	17.07		
3	QPSK	8	7	17.16	17.17	17.28		
3	QPSK	15	0	17.27	17.35	17.22		
3	16QAM	1	0	17.19	17.10	17.14	18.5	0
3	16QAM	1	8	17.03	17.25	17.22		
3	16QAM	1	14	17.19	16.92	17.19		
3	16QAM	8	0	17.14	17.11	17.13	18.5	0
3	16QAM	8	4	17.21	17.18	17.21		
3	16QAM	8	7	17.23	17.15	17.10		
3	16QAM	15	0	17.26	17.10	17.22		
3	64QAM	1	0	17.07	17.31	17.20	18.5	0
3	64QAM	1	8	17.07	16.98	16.90		
3	64QAM	1	14	17.14	17.18	17.19		
3	64QAM	8	0	17.24	17.16	17.25	18.5	0
3	64QAM	8	4	17.29	17.08	17.22		
3	64QAM	8	7	17.18	17.25	17.22		
3	64QAM	15	0	17.25	17.24	17.20		
3	256QAM	1	0	17.22	17.07	17.26	18.5	0
3	256QAM	1	8	17.14	16.94	17.19		
3	256QAM	1	14	17.08	17.03	17.08		
3	256QAM	8	0	17.16	17.02	17.24	18.5	0
3	256QAM	8	4	17.05	16.96	16.83		
3	256QAM	8	7	17.15	17.08	17.16		
3	256QAM	15	0	17.19	17.15	16.91		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.21	17.24	17.31	18.5	0
1.4	QPSK	1	3	17.29	17.20	17.22		
1.4	QPSK	1	5	17.07	17.27	17.12		
1.4	QPSK	3	0	17.32	17.30	17.07		
1.4	QPSK	3	1	17.20	17.18	17.09		
1.4	QPSK	3	3	17.23	17.24	17.14		
1.4	QPSK	6	0	17.19	17.26	17.30	18.5	0
1.4	16QAM	1	0	17.15	17.19	17.08	18.5	0
1.4	16QAM	1	3	16.86	17.23	17.32		
1.4	16QAM	1	5	17.06	16.98	17.20		
1.4	16QAM	3	0	17.30	17.11	17.20		
1.4	16QAM	3	1	17.21	17.11	17.24		
1.4	16QAM	3	3	17.34	17.17	17.31		
1.4	16QAM	6	0	17.28	17.21	17.25	18.5	0
1.4	64QAM	1	0	17.01	17.22	17.25	18.5	0
1.4	64QAM	1	3	17.17	16.99	16.90		
1.4	64QAM	1	5	17.26	17.17	17.33		
1.4	64QAM	3	0	17.15	17.31	17.20		
1.4	64QAM	3	1	17.32	17.23	17.20		
1.4	64QAM	3	3	17.20	17.19	17.29		
1.4	64QAM	6	0	17.23	17.26	17.13	18.5	0
1.4	256QAM	1	0	17.23	17.03	17.24	18.5	0
1.4	256QAM	1	3	17.22	17.02	17.01		
1.4	256QAM	1	5	17.04	17.03	17.15		
1.4	256QAM	3	0	17.20	17.11	17.19		
1.4	256QAM	3	1	17.08	17.05	16.87		
1.4	256QAM	3	3	17.11	16.98	17.16		
1.4	256QAM	6	0	17.20	17.24	17.00	18.5	0

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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	16.64	16.71	16.66	18	0
20	QPSK	1	49	16.68	16.56	16.62		
20	QPSK	1	99	16.53	16.60	16.52		
20	QPSK	50	0	16.61	16.67	16.58	18	0
20	QPSK	50	24	16.59	16.53	16.56		
20	QPSK	50	50	16.60	16.57	16.58		
20	QPSK	100	0	16.57	16.64	16.61		
20	16QAM	1	0	16.63	16.60	16.45	18	0
20	16QAM	1	49	16.35	16.69	16.70		
20	16QAM	1	99	16.57	16.36	16.64		
20	16QAM	50	0	16.60	16.62	16.61	18	0
20	16QAM	50	24	16.69	16.57	16.60		
20	16QAM	50	50	16.64	16.58	16.61		
20	16QAM	100	0	16.65	16.51	16.65		
20	64QAM	1	0	16.41	16.59	16.67	18	0
20	64QAM	1	49	16.47	16.39	16.34		
20	64QAM	1	99	16.59	16.65	16.63		
20	64QAM	50	0	16.60	16.61	16.60	18	0
20	64QAM	50	24	16.67	16.53	16.62		
20	64QAM	50	50	16.63	16.58	16.62		
20	64QAM	100	0	16.64	16.56	16.64		
20	256QAM	1	0	16.63	16.51	16.65	18	0
20	256QAM	1	49	16.65	16.46	16.51		
20	256QAM	1	99	16.50	16.50	16.45		
20	256QAM	50	0	16.51	16.52	16.56	18	0
20	256QAM	50	24	16.39	16.46	16.35		
20	256QAM	50	50	16.51	16.42	16.46		
20	256QAM	100	0	16.51	16.52	16.43		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	16.57	16.59	16.66	18	0
15	QPSK	1	37	16.59	16.36	16.51		
15	QPSK	1	74	16.55	16.56	16.45		
15	QPSK	36	0	16.56	16.53	16.43	18	0
15	QPSK	36	20	16.53	16.48	16.39		
15	QPSK	36	39	16.49	16.53	16.38		
15	QPSK	75	0	16.39	16.51	16.59		
15	16QAM	1	0	16.53	16.53	16.40	18	0
15	16QAM	1	37	16.28	16.47	16.54		
15	16QAM	1	74	16.48	16.29	16.58		
15	16QAM	36	0	16.40	16.55	16.61	18	0
15	16QAM	36	20	16.51	16.37	16.48		
15	16QAM	36	39	16.49	16.60	16.46		
15	16QAM	75	0	16.60	16.52	16.61		
15	64QAM	1	0	16.38	16.55	16.48	18	0
15	64QAM	1	37	16.48	16.30	16.23		
15	64QAM	1	74	16.38	16.61	16.54		
15	64QAM	36	0	16.56	16.47	16.57	18	0
15	64QAM	36	20	16.58	16.40	16.55		
15	64QAM	36	39	16.62	16.39	16.52		
15	64QAM	75	0	16.65	16.47	16.46		
15	256QAM	1	0	16.59	16.46	16.59	18	0
15	256QAM	1	37	16.58	16.30	16.42		
15	256QAM	1	74	16.42	16.46	16.47		
15	256QAM	36	0	16.37	16.51	16.37	18	0
15	256QAM	36	20	16.37	16.24	16.29		
15	256QAM	36	39	16.31	16.20	16.33		
15	256QAM	75	0	16.41	16.46	16.40		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	16.46	16.55	16.45	18	0
10	QPSK	1	25	16.55	16.41	16.53		
10	QPSK	1	49	16.48	16.49	16.41		
10	QPSK	25	0	16.47	16.50	16.59	18	0
10	QPSK	25	12	16.37	16.37	16.52		
10	QPSK	25	25	16.58	16.47	16.51		
10	QPSK	50	0	16.57	16.45	16.60		
10	16QAM	1	0	16.41	16.42	16.28	18	0
10	16QAM	1	25	16.32	16.48	16.63		
10	16QAM	1	49	16.41	16.28	16.62		
10	16QAM	25	0	16.40	16.53	16.47	18	0
10	16QAM	25	12	16.65	16.43	16.56		
10	16QAM	25	25	16.43	16.38	16.51		
10	16QAM	50	0	16.66	16.28	16.46		
10	64QAM	1	0	16.30	16.46	16.66	18	0
10	64QAM	1	25	16.36	16.28	16.28		
10	64QAM	1	49	16.41	16.45	16.64		
10	64QAM	25	0	16.59	16.50	16.53	18	0
10	64QAM	25	12	16.45	16.32	16.48		
10	64QAM	25	25	16.51	16.39	16.43		
10	64QAM	50	0	16.63	16.42	16.42		
10	256QAM	1	0	16.46	16.33	16.66	18	0
10	256QAM	1	25	16.57	16.34	16.40		
10	256QAM	1	49	16.49	16.47	16.42		
10	256QAM	25	0	16.30	16.44	16.45	18	0
10	256QAM	25	12	16.22	16.46	16.27		
10	256QAM	25	25	16.46	16.26	16.39		
10	256QAM	50	0	16.45	16.40	16.40		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	16.43	16.46	16.43	18	0
5	QPSK	1	12	16.50	16.30	16.55		
5	QPSK	1	24	16.30	16.46	16.43		
5	QPSK	12	0	16.37	16.63	16.49	18	0
5	QPSK	12	7	16.48	16.34	16.41		
5	QPSK	12	13	16.43	16.50	16.39		
5	QPSK	25	0	16.31	16.41	16.42		
5	16QAM	1	0	16.49	16.38	16.33	18	0
5	16QAM	1	12	16.28	16.46	16.45		
5	16QAM	1	24	16.33	16.21	16.46		
5	16QAM	12	0	16.43	16.36	16.49	18	0
5	16QAM	12	7	16.45	16.43	16.36		
5	16QAM	12	13	16.45	16.36	16.37		
5	16QAM	25	0	16.41	16.42	16.46		
5	64QAM	1	0	16.17	16.55	16.53	18	0
5	64QAM	1	12	16.37	16.29	16.16		
5	64QAM	1	24	16.52	16.40	16.52		
5	64QAM	12	0	16.45	16.35	16.51	18	0
5	64QAM	12	7	16.41	16.35	16.36		
5	64QAM	12	13	16.54	16.47	16.47		
5	64QAM	25	0	16.53	16.31	16.52		
5	256QAM	1	0	16.44	16.30	16.60	18	0
5	256QAM	1	12	16.48	16.39	16.38		
5	256QAM	1	24	16.32	16.45	16.23		
5	256QAM	12	0	16.25	16.42	16.45	18	0
5	256QAM	12	7	16.23	16.41	16.23		
5	256QAM	12	13	16.29	16.34	16.34		
5	256QAM	25	0	16.39	16.40	16.32		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	16.43	16.50	16.51	18	0
3	QPSK	1	8	16.61	16.47	16.36		
3	QPSK	1	14	16.48	16.42	16.26		
3	QPSK	8	0	16.46	16.62	16.48	18	0
3	QPSK	8	4	16.51	16.49	16.32		
3	QPSK	8	7	16.42	16.41	16.52		
3	QPSK	15	0	16.31	16.61	16.46		
3	16QAM	1	0	16.36	16.35	16.27	18	0
3	16QAM	1	8	16.22	16.57	16.61		
3	16QAM	1	14	16.51	16.16	16.57		
3	16QAM	8	0	16.47	16.43	16.51	18	0
3	16QAM	8	4	16.52	16.49	16.39		
3	16QAM	8	7	16.51	16.31	16.34		
3	16QAM	15	0	16.48	16.34	16.58		
3	64QAM	1	0	16.28	16.37	16.60	18	0
3	64QAM	1	8	16.43	16.29	16.24		
3	64QAM	1	14	16.42	16.54	16.48		
3	64QAM	8	0	16.49	16.54	16.55	18	0
3	64QAM	8	4	16.47	16.46	16.49		
3	64QAM	8	7	16.50	16.47	16.38		
3	64QAM	15	0	16.49	16.36	16.52		
3	256QAM	1	0	16.40	16.46	16.41	18	0
3	256QAM	1	8	16.57	16.40	16.43		
3	256QAM	1	14	16.46	16.28	16.33		
3	256QAM	8	0	16.30	16.44	16.53	18	0
3	256QAM	8	4	16.32	16.35	16.27		
3	256QAM	8	7	16.31	16.25	16.23		
3	256QAM	15	0	16.34	16.29	16.23		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	16.41	16.49	16.38	18	0
1.4	QPSK	1	3	16.38	16.39	16.34		
1.4	QPSK	1	5	16.25	16.35	16.32		
1.4	QPSK	3	0	16.49	16.48	16.45		
1.4	QPSK	3	1	16.36	16.21	16.39		
1.4	QPSK	3	3	16.39	16.39	16.34		
1.4	QPSK	6	0	16.30	16.52	16.32	18	0
1.4	16QAM	1	0	16.35	16.32	16.28	18	0
1.4	16QAM	1	3	16.23	16.46	16.44		
1.4	16QAM	1	5	16.46	16.20	16.34		
1.4	16QAM	3	0	16.41	16.52	16.39		
1.4	16QAM	3	1	16.52	16.33	16.29		
1.4	16QAM	3	3	16.33	16.49	16.30		
1.4	16QAM	6	0	16.46	16.26	16.54	18	0
1.4	64QAM	1	0	16.24	16.38	16.49	18	0
1.4	64QAM	1	3	16.21	16.08	16.24		
1.4	64QAM	1	5	16.27	16.40	16.40		
1.4	64QAM	3	0	16.52	16.46	16.30		
1.4	64QAM	3	1	16.58	16.21	16.48		
1.4	64QAM	3	3	16.33	16.21	16.43		
1.4	64QAM	6	0	16.37	16.44	16.44	18	0
1.4	256QAM	1	0	16.34	16.20	16.33	18	0
1.4	256QAM	1	3	16.47	16.15	16.34		
1.4	256QAM	1	5	16.41	16.27	16.16		
1.4	256QAM	3	0	16.34	16.43	16.42		
1.4	256QAM	3	1	16.26	16.28	16.14		
1.4	256QAM	3	3	16.42	16.20	16.19		
1.4	256QAM	6	0	16.41	16.28	16.19	18	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.92	19.02	18.84	19.5	0
20	QPSK	1	49	18.97	18.82	18.83		
20	QPSK	1	99	19.01	19.00	18.96		
20	QPSK	50	0	18.82	19.00	18.92	19.5	0
20	QPSK	50	24	18.85	18.95	18.93		
20	QPSK	50	50	18.98	18.81	18.98		
20	QPSK	100	0	18.79	18.99	18.80		
20	16QAM	1	0	18.74	18.74	19.01	19.5	0
20	16QAM	1	49	18.73	18.82	18.76		
20	16QAM	1	99	18.91	18.82	18.79		
20	16QAM	50	0	18.91	18.79	18.83	19.5	0
20	16QAM	50	24	18.81	18.85	18.90		
20	16QAM	50	50	18.80	18.89	18.78		
20	16QAM	100	0	18.90	18.90	18.83		
20	64QAM	1	0	18.78	18.77	18.73	19.5	0
20	64QAM	1	49	18.98	18.96	18.76		
20	64QAM	1	99	18.80	18.88	18.91		
20	64QAM	50	0	18.91	18.83	18.80	19.5	0
20	64QAM	50	24	18.80	18.81	18.93		
20	64QAM	50	50	18.84	18.97	18.94		
20	64QAM	100	0	18.75	18.94	18.93		
20	256QAM	1	0	18.48	18.58	18.48	19.5	0
20	256QAM	1	49	18.57	18.44	18.48		
20	256QAM	1	99	18.38	18.60	18.44		
20	256QAM	50	0	18.24	18.57	18.56	19.5	0
20	256QAM	50	24	18.40	18.56	18.40		
20	256QAM	50	50	18.43	18.42	18.46		
20	256QAM	100	0	18.34	18.45	18.40		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.77	18.94	18.80	19.5	0
15	QPSK	1	37	18.77	18.79	18.67		
15	QPSK	1	74	18.90	18.91	18.75		
15	QPSK	36	0	18.82	19.00	18.84	19.5	0
15	QPSK	36	20	18.63	18.95	18.77		
15	QPSK	36	39	18.81	18.73	18.85		
15	QPSK	75	0	18.67	18.90	18.76		
15	16QAM	1	0	18.71	18.68	18.86	19.5	0
15	16QAM	1	37	18.72	18.74	18.59		
15	16QAM	1	74	18.69	18.64	18.59		
15	16QAM	36	0	18.85	18.61	18.71	19.5	0
15	16QAM	36	20	18.71	18.81	18.90		
15	16QAM	36	39	18.61	18.79	18.67		
15	16QAM	75	0	18.72	18.81	18.81		
15	64QAM	1	0	18.57	18.65	18.64	19.5	0
15	64QAM	1	37	18.88	18.80	18.61		
15	64QAM	1	74	18.61	18.75	18.73		
15	64QAM	36	0	18.69	18.74	18.77	19.5	0
15	64QAM	36	20	18.73	18.73	18.82		
15	64QAM	36	39	18.76	18.84	18.74		
15	64QAM	75	0	18.63	18.88	18.74		
15	256QAM	1	0	18.58	18.69	18.61	19.5	0
15	256QAM	1	37	18.84	18.69	18.65		
15	256QAM	1	74	18.78	18.65	18.89		
15	256QAM	36	0	18.61	18.73	18.58	19.5	0
15	256QAM	36	20	18.79	18.75	18.85		
15	256QAM	36	39	18.76	18.79	18.68		
15	256QAM	75	0	18.80	18.82	18.93		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.72	18.85	18.69	19.5	0
10	QPSK	1	25	18.90	18.73	18.78		
10	QPSK	1	49	18.95	18.87	18.77		
10	QPSK	25	0	18.70	18.93	18.88	19.5	0
10	QPSK	25	12	18.78	18.86	18.69		
10	QPSK	25	25	18.89	18.76	18.87		
10	QPSK	50	0	18.60	18.85	18.62		
10	16QAM	1	0	18.51	18.62	18.77	19.5	0
10	16QAM	1	25	18.49	18.74	18.56		
10	16QAM	1	49	18.75	18.60	18.54		
10	16QAM	25	0	18.72	18.64	18.80	19.5	0
10	16QAM	25	12	18.73	18.60	18.65		
10	16QAM	25	25	18.67	18.77	18.52		
10	16QAM	50	0	18.85	18.66	18.75		
10	64QAM	1	0	18.53	18.65	18.69	19.5	0
10	64QAM	1	25	18.83	18.79	18.59		
10	64QAM	1	49	18.55	18.80	18.78		
10	64QAM	25	0	18.75	18.77	18.60	19.5	0
10	64QAM	25	12	18.69	18.65	18.68		
10	64QAM	25	25	18.75	18.78	18.83		
10	64QAM	50	0	18.52	18.81	18.80		
10	256QAM	1	0	18.53	18.82	18.70	19.5	0
10	256QAM	1	25	18.88	18.60	18.64		
10	256QAM	1	49	18.79	18.63	18.77		
10	256QAM	25	0	18.55	18.49	18.52	19.5	0
10	256QAM	25	12	18.87	18.76	18.83		
10	256QAM	25	25	18.55	18.79	18.71		
10	256QAM	50	0	18.75	18.77	18.81		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.65	18.73	18.70	19.5	0
5	QPSK	1	12	18.70	18.52	18.63		
5	QPSK	1	24	18.71	18.77	18.80		
5	QPSK	12	0	18.63	18.72	18.69	19.5	0
5	QPSK	12	7	18.64	18.79	18.73		
5	QPSK	12	13	18.71	18.58	18.86		
5	QPSK	25	0	18.53	18.88	18.69		
5	16QAM	1	0	18.64	18.63	18.73	19.5	0
5	16QAM	1	12	18.55	18.55	18.67		
5	16QAM	1	24	18.66	18.63	18.67		
5	16QAM	12	0	18.82	18.71	18.54	19.5	0
5	16QAM	12	7	18.49	18.54	18.81		
5	16QAM	12	13	18.59	18.73	18.57		
5	16QAM	25	0	18.73	18.73	18.74		
5	64QAM	1	0	18.58	18.56	18.50	19.5	0
5	64QAM	1	12	18.75	18.84	18.64		
5	64QAM	1	24	18.49	18.75	18.79		
5	64QAM	12	0	18.81	18.54	18.64	19.5	0
5	64QAM	12	7	18.48	18.53	18.67		
5	64QAM	12	13	18.55	18.85	18.76		
5	64QAM	25	0	18.58	18.71	18.71		
5	256QAM	1	0	18.47	18.69	18.52	19.5	0
5	256QAM	1	12	18.83	18.55	18.70		
5	256QAM	1	24	18.78	18.67	18.70		
5	256QAM	12	0	18.59	18.61	18.50	19.5	0
5	256QAM	12	7	18.66	18.73	18.81		
5	256QAM	12	13	18.68	18.56	18.60		
5	256QAM	25	0	18.56	18.68	18.74		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.82	18.76	19.05	18.87	19.02	19.5	0
20	QPSK	1	49	18.97	18.77	18.88	19.02	18.80		
20	QPSK	1	99	18.96	18.86	18.98	18.92	19.01		
20	QPSK	50	0	18.97	18.76	18.99	18.86	18.77	19.5	0
20	QPSK	50	24	18.87	18.89	18.80	18.93	18.95		
20	QPSK	50	50	18.86	18.90	18.97	18.95	18.94		
20	QPSK	100	0	18.88	18.78	18.94	18.76	18.87		
20	16QAM	1	0	18.77	18.87	18.86	18.91	18.77	19.5	0
20	16QAM	1	49	18.95	18.81	18.86	18.88	18.91		
20	16QAM	1	99	18.97	18.84	18.96	18.94	18.82		
20	16QAM	50	0	18.82	18.78	18.79	18.88	18.99	19.5	0
20	16QAM	50	24	18.77	18.94	18.81	18.97	19.00		
20	16QAM	50	50	18.84	18.98	18.81	18.83	18.99		
20	16QAM	100	0	18.73	18.78	18.86	18.87	18.85		
20	64QAM	1	0	18.97	19.02	18.92	18.99	18.81	19.5	0
20	64QAM	1	49	18.73	18.90	18.79	18.95	18.91		
20	64QAM	1	99	18.80	18.81	18.88	18.78	18.97		
20	64QAM	50	0	18.81	18.75	18.73	18.94	18.98	19.5	0
20	64QAM	50	24	18.74	18.78	18.87	18.94	18.87		
20	64QAM	50	50	18.86	18.75	18.87	19.02	18.93		
20	64QAM	100	0	18.98	18.85	18.80	18.90	18.74		
20	256QAM	1	0	18.82	18.88	18.73	18.66	18.81	19.5	0
20	256QAM	1	49	18.71	18.73	18.81	18.89	18.81		
20	256QAM	1	99	18.87	18.86	18.78	18.92	18.88		
20	256QAM	50	0	18.69	18.73	18.90	18.76	18.65	19.5	0
20	256QAM	50	24	18.73	18.88	18.65	18.70	18.89		
20	256QAM	50	50	18.64	18.72	18.83	18.77	18.66		
20	256QAM	100	0	18.88	18.89	18.89	18.81	18.67		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.76	18.59	19.03	18.76	18.91	19.50	0
15	QPSK	1	37	18.85	18.73	18.82	18.86	18.67		
15	QPSK	1	74	18.78	18.69	18.96	18.79	18.90		
15	QPSK	36	0	18.78	18.72	18.92	18.78	18.76	19.5	0
15	QPSK	36	20	18.85	18.85	18.76	18.76	18.90		
15	QPSK	36	39	18.74	18.71	18.77	18.80	18.77		
15	QPSK	75	0	18.70	18.59	18.88	18.76	18.77		
15	16QAM	1	0	18.59	18.67	18.76	18.79	18.67	19.5	0
15	16QAM	1	37	18.87	18.66	18.85	18.68	18.85		
15	16QAM	1	74	18.85	18.73	18.85	18.92	18.79		
15	16QAM	36	0	18.68	18.77	18.60	18.80	18.81	19.5	0
15	16QAM	36	20	18.72	18.88	18.62	18.84	18.93		
15	16QAM	36	39	18.79	18.92	18.62	18.74	18.84		
15	16QAM	75	0	18.71	18.60	18.77	18.81	18.69		
15	64QAM	1	0	18.81	18.85	18.84	18.90	18.70	19.5	0
15	64QAM	1	37	18.73	18.85	18.73	18.78	18.91		
15	64QAM	1	74	18.65	18.80	18.71	18.66	18.83		
15	64QAM	36	0	18.67	18.60	18.70	18.88	18.78	19.5	0
15	64QAM	36	20	18.55	18.62	18.73	18.90	18.86		
15	64QAM	36	39	18.69	18.56	18.79	18.89	18.86		
15	64QAM	75	0	18.97	18.75	18.66	18.77	18.70		
15	256QAM	1	0	18.68	18.84	18.54	18.56	18.68	19.5	0
15	256QAM	1	37	18.57	18.59	18.81	18.79	18.69		
15	256QAM	1	74	18.85	18.81	18.70	18.74	18.69		
15	256QAM	36	0	18.63	18.66	18.87	18.66	18.57	19.5	0
15	256QAM	36	20	18.67	18.82	18.57	18.52	18.86		
15	256QAM	36	39	18.51	18.68	18.76	18.65	18.59		
15	256QAM	75	0	18.77	18.86	18.74	18.76	18.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.57	18.55	18.89	18.73	18.86	19.50	0
10	QPSK	1	25	18.75	18.61	18.82	18.86	18.58		
10	QPSK	1	49	18.76	18.78	18.75	18.73	18.91		
10	QPSK	25	0	18.85	18.54	18.88	18.67	18.65	19.5	0
10	QPSK	25	12	18.82	18.69	18.69	18.75	18.77		
10	QPSK	25	25	18.81	18.67	18.85	18.74	18.85		
10	QPSK	50	0	18.70	18.57	18.87	18.59	18.73		
10	16QAM	1	0	18.62	18.71	18.65	18.84	18.58	19.5	0
10	16QAM	1	25	18.78	18.69	18.76	18.80	18.83		
10	16QAM	1	49	18.85	18.62	18.90	18.73	18.57		
10	16QAM	25	0	18.62	18.68	18.73	18.79	18.90	19.5	0
10	16QAM	25	12	18.58	18.72	18.62	18.88	18.82		
10	16QAM	25	25	18.60	18.77	18.63	18.64	18.90		
10	16QAM	50	0	18.48	18.64	18.66	18.77	18.73		
10	64QAM	1	0	18.87	18.88	18.70	18.93	18.73	19.5	0
10	64QAM	1	25	18.59	18.84	18.66	18.78	18.74		
10	64QAM	1	49	18.60	18.62	18.66	18.54	18.84		
10	64QAM	25	0	18.61	18.58	18.58	18.78	18.84	19.5	0
10	64QAM	25	12	18.54	18.67	18.62	18.73	18.76		
10	64QAM	25	25	18.61	18.52	18.67	18.77	18.70		
10	64QAM	50	0	18.80	18.69	18.72	18.73	18.67		
10	256QAM	1	0	18.73	18.72	18.67	18.52	18.65	19.5	0
10	256QAM	1	25	18.62	18.49	18.59	18.66	18.62		
10	256QAM	1	49	18.81	18.78	18.72	18.81	18.66		
10	256QAM	25	0	18.52	18.49	18.82	18.69	18.53	19.5	0
10	256QAM	25	12	18.53	18.77	18.50	18.48	18.76		
10	256QAM	25	25	18.58	18.65	18.67	18.66	18.44		
10	256QAM	50	0	18.68	18.70	18.78	18.58	18.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.63	18.53	18.93	18.76	18.86	19.50	0
5	QPSK	1	12	18.69	18.59	18.77	18.81	18.58		
5	QPSK	1	24	18.86	18.66	18.86	18.68	18.85		
5	QPSK	12	0	18.78	18.53	18.83	18.62	18.52	19.5	0
5	QPSK	12	7	18.66	18.71	18.68	18.82	18.68		
5	QPSK	12	13	18.64	18.70	18.82	18.71	18.76		
5	QPSK	25	0	18.76	18.52	18.71	18.58	18.74		
5	16QAM	1	0	18.59	18.77	18.75	18.76	18.56	19.5	0
5	16QAM	1	12	18.75	18.59	18.72	18.65	18.65		
5	16QAM	1	24	18.81	18.59	18.68	18.67	18.55		
5	16QAM	12	0	18.69	18.64	18.52	18.71	18.78	19.5	0
5	16QAM	12	7	18.55	18.81	18.59	18.80	18.87		
5	16QAM	12	13	18.56	18.81	18.60	18.63	18.73		
5	16QAM	25	0	18.47	18.61	18.67	18.75	18.61		
5	64QAM	1	0	18.75	18.81	18.79	18.82	18.60	19.5	0
5	64QAM	1	12	18.59	18.64	18.54	18.84	18.62		
5	64QAM	1	24	18.54	18.64	18.73	18.67	18.87		
5	64QAM	12	0	18.66	18.62	18.52	18.68	18.75	19.5	0
5	64QAM	12	7	18.54	18.54	18.63	18.83	18.75		
5	64QAM	12	13	18.72	18.49	18.73	18.81	18.76		
5	64QAM	25	0	18.81	18.60	18.59	18.65	18.58		
5	256QAM	1	0	18.57	18.65	18.50	18.51	18.61	19.5	0
5	256QAM	1	12	18.61	18.53	18.56	18.68	18.63		
5	256QAM	1	24	18.62	18.64	18.50	18.78	18.59		
5	256QAM	12	0	18.46	18.43	18.77	18.54	18.38	19.5	0
5	256QAM	12	7	18.53	18.70	18.54	18.59	18.67		
5	256QAM	12	13	18.49	18.59	18.53	18.52	18.39		
5	256QAM	25	0	18.76	18.65	18.61	18.56	18.55		

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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	18.81	18.93	18.84	20.5	0
20	QPSK	1	49	18.67	18.73	18.75		
20	QPSK	1	99	18.74	18.68	18.69		
20	QPSK	50	0	18.68	18.76	18.61	20.5	0
20	QPSK	50	24	18.71	18.54	18.67		
20	QPSK	50	50	18.61	18.65	18.58		
20	QPSK	100	0	18.67	18.73	18.55		
20	16QAM	1	0	18.90	18.81	18.76	20.5	0
20	16QAM	1	49	18.88	18.89	18.78		
20	16QAM	1	99	18.76	18.84	18.90		
20	16QAM	50	0	18.71	18.64	18.66	20.5	0
20	16QAM	50	24	18.71	18.65	18.80		
20	16QAM	50	50	18.76	18.63	18.61		
20	16QAM	100	0	18.63	18.61	18.59		
20	64QAM	1	0	18.68	18.82	18.82	20.5	0
20	64QAM	1	49	18.83	18.86	18.85		
20	64QAM	1	99	18.79	18.57	18.79		
20	64QAM	50	0	18.63	18.68	18.71	20.5	0
20	64QAM	50	24	18.64	18.69	18.63		
20	64QAM	50	50	18.62	18.77	18.56		
20	64QAM	100	0	18.83	18.67	18.65		
20	256QAM	1	0	17.74	17.76	17.77	19.5	1
20	256QAM	1	49	17.86	17.79	17.73		
20	256QAM	1	99	17.79	17.69	17.68		
20	256QAM	50	0	17.68	17.75	17.72	19.5	1
20	256QAM	50	24	17.77	17.61	17.85		
20	256QAM	50	50	17.72	17.79	17.80		
20	256QAM	100	0	17.69	17.66	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.66	18.84	18.77	20.5	0
15	QPSK	1	37	18.57	18.74	18.59		
15	QPSK	1	74	18.63	18.52	18.58		
15	QPSK	36	0	18.69	18.63	18.53	20.5	0
15	QPSK	36	20	18.54	18.52	18.56		
15	QPSK	36	39	18.55	18.57	18.55		
15	QPSK	75	0	18.67	18.72	18.58		
15	16QAM	1	0	18.78	18.59	18.72	20.5	0
15	16QAM	1	37	18.77	18.76	18.79		
15	16QAM	1	74	18.74	18.68	18.83		
15	16QAM	36	0	18.67	18.65	18.51	20.5	0
15	16QAM	36	20	18.51	18.60	18.71		
15	16QAM	36	39	18.59	18.51	18.53		
15	16QAM	75	0	18.54	18.54	18.55		
15	64QAM	1	0	18.50	18.62	18.61	20.5	0
15	64QAM	1	37	18.67	18.72	18.79		
15	64QAM	1	74	18.78	18.56	18.58		
15	64QAM	36	0	18.51	18.69	18.67	20.5	0
15	64QAM	36	20	18.58	18.55	18.54		
15	64QAM	36	39	18.62	18.72	18.59		
15	64QAM	75	0	18.85	18.53	18.64		
15	256QAM	1	0	17.76	17.80	17.72	19.5	1
15	256QAM	1	37	17.86	17.68	17.73		
15	256QAM	1	74	17.81	17.58	17.68		
15	256QAM	36	0	17.60	17.80	17.62	19.5	1
15	256QAM	36	20	17.74	17.60	17.79		
15	256QAM	36	39	17.73	17.70	17.72		
15	256QAM	75	0	17.83	17.75	17.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.71	18.80	18.77	20.5	0
10	QPSK	1	25	18.66	18.59	18.72		
10	QPSK	1	49	18.58	18.61	18.58		
10	QPSK	25	0	18.59	18.79	18.67	20.5	0
10	QPSK	25	12	18.75	18.52	18.66		
10	QPSK	25	25	18.51	18.61	18.55		
10	QPSK	50	0	18.55	18.55	18.56		
10	16QAM	1	0	18.81	18.71	18.64	20.5	0
10	16QAM	1	25	18.78	18.73	18.60		
10	16QAM	1	49	18.72	18.74	18.90		
10	16QAM	25	0	18.57	18.56	18.55	20.5	0
10	16QAM	25	12	18.67	18.53	18.73		
10	16QAM	25	25	18.76	18.65	18.70		
10	16QAM	50	0	18.57	18.63	18.53		
10	64QAM	1	0	18.64	18.88	18.72	20.5	0
10	64QAM	1	25	18.85	18.91	18.78		
10	64QAM	1	49	18.74	18.59	18.90		
10	64QAM	25	0	18.59	18.76	18.63	20.5	0
10	64QAM	25	12	18.67	18.59	18.52		
10	64QAM	25	25	18.73	18.78	18.64		
10	64QAM	50	0	18.85	18.57	18.67		
10	256QAM	1	0	17.78	17.85	17.67	19.5	1
10	256QAM	1	25	17.83	17.71	17.72		
10	256QAM	1	49	17.74	17.69	17.70		
10	256QAM	25	0	17.65	17.74	17.67	19.5	1
10	256QAM	25	12	17.79	17.66	17.79		
10	256QAM	25	25	17.80	17.82	17.78		
10	256QAM	50	0	17.78	17.66	17.61		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.56	18.72	18.58	20.5	0
5	QPSK	1	12	18.56	18.59	18.69		
5	QPSK	1	24	18.71	18.51	18.60		
5	QPSK	12	0	18.57	18.77	18.59	20.5	0
5	QPSK	12	7	18.57	18.60	18.66		
5	QPSK	12	13	18.65	18.69	18.59		
5	QPSK	25	0	18.67	18.57	18.52		
5	16QAM	1	0	18.82	18.76	18.79	20.5	0
5	16QAM	1	12	18.84	18.73	18.68		
5	16QAM	1	24	18.69	18.68	18.62		
5	16QAM	12	0	18.58	18.61	18.72	20.5	0
5	16QAM	12	7	18.68	18.52	18.66		
5	16QAM	12	13	18.80	18.66	18.54		
5	16QAM	25	0	18.68	18.67	18.64		
5	64QAM	1	0	18.62	18.84	18.81	20.5	0
5	64QAM	1	12	18.73	18.83	18.80		
5	64QAM	1	24	18.81	18.56	18.83		
5	64QAM	12	0	18.60	18.72	18.62	20.5	0
5	64QAM	12	7	18.57	18.70	18.53		
5	64QAM	12	13	18.67	18.78	18.62		
5	64QAM	25	0	18.79	18.70	18.58		
5	256QAM	1	0	17.71	17.87	17.65	19.5	1
5	256QAM	1	12	17.84	17.68	17.88		
5	256QAM	1	24	17.70	17.67	17.60		
5	256QAM	12	0	17.61	17.71	17.59	19.5	1
5	256QAM	12	7	17.68	17.57	17.90		
5	256QAM	12	13	17.79	17.82	17.85		
5	256QAM	25	0	17.70	17.75	17.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.60	18.77	18.77	20.5	0
3	QPSK	1	8	18.53	18.55	18.58		
3	QPSK	1	14	18.54	18.61	18.64		
3	QPSK	8	0	18.61	18.68	18.58	20.5	0
3	QPSK	8	4	18.54	18.51	18.59		
3	QPSK	8	7	18.69	18.62	18.50		
3	QPSK	15	0	18.65	18.73	18.64		
3	16QAM	1	0	18.82	18.89	18.68	20.5	0
3	16QAM	1	8	18.66	18.69	18.63		
3	16QAM	1	14	18.67	18.77	18.83		
3	16QAM	8	0	18.67	18.60	18.66	20.5	0
3	16QAM	8	4	18.75	18.74	18.83		
3	16QAM	8	7	18.81	18.68	18.56		
3	16QAM	15	0	18.57	18.54	18.52		
3	64QAM	1	0	18.69	18.77	18.86	20.5	0
3	64QAM	1	8	18.63	18.59	18.77		
3	64QAM	1	14	18.82	18.61	18.90		
3	64QAM	8	0	18.57	18.66	18.76	20.5	0
3	64QAM	8	4	18.67	18.73	18.52		
3	64QAM	8	7	18.64	18.82	18.53		
3	64QAM	15	0	18.63	18.63	18.55		
3	256QAM	1	0	17.76	17.87	17.68	19.5	1
3	256QAM	1	8	17.74	17.70	17.76		
3	256QAM	1	14	17.79	17.58	17.63		
3	256QAM	8	0	17.65	17.81	17.70	19.5	1
3	256QAM	8	4	17.75	17.66	17.77		
3	256QAM	8	7	17.77	17.82	17.66		
3	256QAM	15	0	17.77	17.65	17.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.58	18.69	18.53	20.5	0
1.4	QPSK	1	3	18.58	18.78	18.78		
1.4	QPSK	1	5	18.77	18.60	18.55		
1.4	QPSK	3	0	18.60	18.82	18.67		
1.4	QPSK	3	1	18.69	18.54	18.72		
1.4	QPSK	3	3	18.61	18.55	18.56		
1.4	QPSK	6	0	18.69	18.77	18.54	20.5	0
1.4	16QAM	1	0	18.86	18.74	18.74	20.5	0
1.4	16QAM	1	3	18.75	18.79	18.81		
1.4	16QAM	1	5	18.67	18.73	18.77		
1.4	16QAM	3	0	18.59	18.55	18.59		
1.4	16QAM	3	1	18.70	18.69	18.84		
1.4	16QAM	3	3	18.83	18.66	18.63		
1.4	16QAM	6	0	18.60	18.65	18.50	20.5	0
1.4	64QAM	1	0	18.66	18.65	18.82	20.5	0
1.4	64QAM	1	3	18.82	18.77	18.90		
1.4	64QAM	1	5	18.74	18.53	18.84		
1.4	64QAM	3	0	18.66	18.68	18.70		
1.4	64QAM	3	1	18.63	18.53	18.53		
1.4	64QAM	3	3	18.55	18.74	18.56		
1.4	64QAM	6	0	18.64	18.58	18.50	20.5	0
1.4	256QAM	1	0	17.69	17.77	17.70	19.5	1
1.4	256QAM	1	3	17.72	17.70	17.66		
1.4	256QAM	1	5	17.73	17.61	17.70		
1.4	256QAM	3	0	17.62	17.71	17.64		
1.4	256QAM	3	1	17.76	17.65	17.80		
1.4	256QAM	3	3	17.75	17.76	17.73		
1.4	256QAM	6	0	17.73	17.61	17.61	19.5	1

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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	21.21	21.32	21.18	22.5	0
20	QPSK	1	49	21.29	21.25	21.23		
20	QPSK	1	99	21.29	21.25	21.10		
20	QPSK	50	0	21.09	21.26	21.17	22.5	0
20	QPSK	50	24	21.25	21.20	21.20		
20	QPSK	50	50	21.09	21.18	21.20		
20	QPSK	100	0	21.22	21.28	21.07		
20	16QAM	1	0	21.05	21.24	21.15	22.5	0
20	16QAM	1	49	21.25	21.17	21.20		
20	16QAM	1	99	21.16	21.14	21.26		
20	16QAM	50	0	21.17	21.12	21.15	22.5	0
20	16QAM	50	24	21.20	21.11	21.22		
20	16QAM	50	50	21.15	21.19	21.17		
20	16QAM	100	0	21.12	21.12	21.08		
20	64QAM	1	0	21.07	20.99	21.22	22.5	0
20	64QAM	1	49	21.20	21.12	21.25		
20	64QAM	1	99	21.27	21.22	21.17		
20	64QAM	50	0	21.07	21.01	21.16	22.5	0
20	64QAM	50	24	21.14	21.16	21.19		
20	64QAM	50	50	21.21	21.11	21.20		
20	64QAM	100	0	21.15	21.04	21.28		
20	256QAM	1	0	19.03	19.06	19.06	20.5	2
20	256QAM	1	49	19.12	18.99	18.99		
20	256QAM	1	99	19.15	19.20	19.01		
20	256QAM	50	0	19.20	19.45	19.26	20.5	2
20	256QAM	50	24	19.36	19.21	19.31		
20	256QAM	50	50	19.43	19.35	19.22		
20	256QAM	100	0	19.33	19.33	19.20		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	21.06	21.25	21.14	22.5	0
15	QPSK	1	37	21.22	21.26	21.10		
15	QPSK	1	74	21.22	21.26	21.05		
15	QPSK	36	0	21.08	21.11	21.03	22.5	0
15	QPSK	36	20	21.10	21.02	21.09		
15	QPSK	36	39	21.02	21.11	21.07		
15	QPSK	75	0	21.11	21.15	20.93		
15	16QAM	1	0	20.95	21.08	21.02	22.5	0
15	16QAM	1	37	21.15	21.04	21.09		
15	16QAM	1	74	21.01	20.99	21.12		
15	16QAM	36	0	21.05	21.00	21.09	22.5	0
15	16QAM	36	20	21.15	21.06	21.16		
15	16QAM	36	39	21.11	21.09	20.99		
15	16QAM	75	0	21.10	20.95	21.03		
15	64QAM	1	0	20.95	20.83	21.11	22.5	0
15	64QAM	1	37	21.07	20.96	21.08		
15	64QAM	1	74	21.06	21.04	21.01		
15	64QAM	36	0	21.02	21.03	20.98	22.5	0
15	64QAM	36	20	21.11	21.16	21.00		
15	64QAM	36	39	21.19	20.97	21.16		
15	64QAM	75	0	21.01	20.88	21.10		
15	256QAM	1	0	18.95	19.29	19.03	20.5	2
15	256QAM	1	37	19.19	19.11	19.24		
15	256QAM	1	74	19.12	19.16	19.09		
15	256QAM	36	0	19.15	19.33	19.38	20.5	2
15	256QAM	36	20	19.46	19.29	19.37		
15	256QAM	36	39	19.52	19.24	19.38		
15	256QAM	75	0	19.49	19.41	19.18		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	21.10	21.21	21.00	22.5	0
10	QPSK	1	25	21.08	21.17	21.22		
10	QPSK	1	49	21.21	21.23	21.08		
10	QPSK	25	0	20.95	21.11	20.96	22.5	0
10	QPSK	25	12	21.12	21.09	21.02		
10	QPSK	25	25	20.98	21.16	20.98		
10	QPSK	50	0	21.13	21.11	20.98		
10	16QAM	1	0	20.99	21.10	21.09	22.5	0
10	16QAM	1	25	21.14	20.99	21.17		
10	16QAM	1	49	21.16	21.06	21.24		
10	16QAM	25	0	21.14	21.10	21.09	22.5	0
10	16QAM	25	12	21.01	20.99	21.22		
10	16QAM	25	25	21.15	21.09	21.14		
10	16QAM	50	0	21.07	21.08	20.93		
10	64QAM	1	0	20.99	20.91	21.13	22.5	0
10	64QAM	1	25	21.18	20.96	21.21		
10	64QAM	1	49	21.17	21.06	21.12		
10	64QAM	25	0	21.01	20.84	20.96	22.5	0
10	64QAM	25	12	21.00	21.10	21.13		
10	64QAM	25	25	21.11	20.91	21.05		
10	64QAM	50	0	20.93	20.85	21.20		
10	256QAM	1	0	19.06	19.34	18.97	20.5	2
10	256QAM	1	25	19.12	19.12	19.24		
10	256QAM	1	49	19.24	19.34	19.20		
10	256QAM	25	0	19.35	19.33	19.36	20.5	2
10	256QAM	25	12	19.51	19.19	19.47		
10	256QAM	25	25	19.36	19.38	19.20		
10	256QAM	50	0	19.27	19.43	19.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	21.08	21.07	21.01	22.5	0
5	QPSK	1	12	21.03	21.09	21.07		
5	QPSK	1	24	21.13	21.04	20.94		
5	QPSK	12	0	20.83	21.12	21.03	22.5	0
5	QPSK	12	7	21.00	21.17	20.97		
5	QPSK	12	13	20.86	21.07	21.10		
5	QPSK	25	0	21.09	21.06	21.04		
5	16QAM	1	0	20.90	21.10	20.94	22.5	0
5	16QAM	1	12	21.13	20.91	21.04		
5	16QAM	1	24	20.91	20.95	21.07		
5	16QAM	12	0	21.12	21.03	20.89	22.5	0
5	16QAM	12	7	20.99	21.04	21.10		
5	16QAM	12	13	20.96	21.08	20.93		
5	16QAM	25	0	20.86	21.07	20.87		
5	64QAM	1	0	20.98	20.96	21.04	22.5	0
5	64QAM	1	12	21.08	20.87	21.09		
5	64QAM	1	24	21.17	20.98	21.02		
5	64QAM	12	0	20.97	20.78	20.93	22.5	0
5	64QAM	12	7	20.94	21.12	21.11		
5	64QAM	12	13	21.09	21.06	21.06		
5	64QAM	25	0	21.04	20.87	21.18		
5	256QAM	1	0	19.08	19.29	19.09	20.5	2
5	256QAM	1	12	19.07	18.93	19.20		
5	256QAM	1	24	19.16	19.31	19.08		
5	256QAM	12	0	19.24	19.31	19.28	20.5	2
5	256QAM	12	7	19.44	19.19	19.49		
5	256QAM	12	13	19.41	19.31	19.31		
5	256QAM	25	0	19.43	19.39	19.28		

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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	20.01	20.09	19.86	21.5	0
20	QPSK	1	49	20.03	19.91	19.95		
20	QPSK	1	99	19.84	19.87	19.82		
20	QPSK	50	0	19.90	20.05	19.81	21.5	0
20	QPSK	50	24	19.99	20.00	19.87		
20	QPSK	50	50	19.98	20.04	19.89		
20	QPSK	100	0	19.87	19.99	19.93		
20	16QAM	1	0	19.75	19.96	19.83	21.5	0
20	16QAM	1	49	19.94	19.89	19.98		
20	16QAM	1	99	19.85	20.01	19.92		
20	16QAM	50	0	19.93	19.97	19.88	21.5	0
20	16QAM	50	24	19.99	20.04	20.00		
20	16QAM	50	50	19.86	19.92	20.08		
20	16QAM	100	0	19.93	19.92	19.79		
20	64QAM	1	0	19.96	20.01	19.86	21.5	0
20	64QAM	1	49	20.05	19.94	19.88		
20	64QAM	1	99	19.96	19.87	20.03		
20	64QAM	50	0	19.85	19.98	19.83	21.5	0
20	64QAM	50	24	20.00	19.98	20.02		
20	64QAM	50	50	20.00	19.97	20.06		
20	64QAM	100	0	19.84	19.92	19.88		
20	256QAM	1	0	17.80	17.87	17.64	19.5	2
20	256QAM	1	49	17.79	17.92	17.65		
20	256QAM	1	99	17.71	17.72	17.75		
20	256QAM	50	0	17.74	17.88	17.68	19.5	2
20	256QAM	50	24	17.82	17.89	17.69		
20	256QAM	50	50	17.70	17.75	17.72		
20	256QAM	100	0	17.85	17.85	17.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.00	19.98	19.78	21.5	0
15	QPSK	1	37	19.86	19.86	19.79		
15	QPSK	1	74	19.81	19.87	19.66		
15	QPSK	36	0	19.73	19.93	19.82	21.5	0
15	QPSK	36	20	19.81	19.95	19.66		
15	QPSK	36	39	19.78	19.87	19.79		
15	QPSK	75	0	19.71	19.87	19.87		
15	16QAM	1	0	19.70	19.77	19.66	21.5	0
15	16QAM	1	37	19.90	19.79	19.80		
15	16QAM	1	74	19.79	20.00	19.89		
15	16QAM	36	0	19.71	19.95	19.79	21.5	0
15	16QAM	36	20	19.85	19.86	19.80		
15	16QAM	36	39	19.84	19.93	20.05		
15	16QAM	75	0	19.87	19.84	19.72		
15	64QAM	1	0	19.95	19.81	19.82	21.5	0
15	64QAM	1	37	19.87	19.95	19.79		
15	64QAM	1	74	19.89	19.76	19.87		
15	64QAM	36	0	19.70	19.91	19.71	21.5	0
15	64QAM	36	20	19.95	19.96	19.95		
15	64QAM	36	39	19.89	19.93	19.92		
15	64QAM	75	0	19.78	19.74	19.69		
15	256QAM	1	0	17.88	17.90	17.61	19.5	2
15	256QAM	1	37	17.84	17.88	17.64		
15	256QAM	1	74	17.70	17.67	17.67		
15	256QAM	36	0	17.75	17.88	17.78	19.5	2
15	256QAM	36	20	17.85	17.85	17.69		
15	256QAM	36	39	17.76	17.84	17.76		
15	256QAM	75	0	17.75	17.85	17.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.80	19.94	19.71	21.5	0
10	QPSK	1	25	19.95	19.81	19.86		
10	QPSK	1	49	19.63	19.66	19.76		
10	QPSK	25	0	19.84	19.85	19.72	21.5	0
10	QPSK	25	12	19.88	19.91	19.73		
10	QPSK	25	25	19.93	19.98	19.84		
10	QPSK	50	0	19.78	19.87	19.77		
10	16QAM	1	0	19.63	19.91	19.68	21.5	0
10	16QAM	1	25	19.81	19.83	19.84		
10	16QAM	1	49	19.62	19.76	19.89		
10	16QAM	25	0	19.70	19.90	19.74	21.5	0
10	16QAM	25	12	19.85	19.95	19.82		
10	16QAM	25	25	19.71	19.83	19.82		
10	16QAM	50	0	19.75	19.72	19.62		
10	64QAM	1	0	19.91	19.91	19.69	21.5	0
10	64QAM	1	25	19.90	19.73	19.61		
10	64QAM	1	49	19.86	19.77	19.83		
10	64QAM	25	0	19.62	19.94	19.71	21.5	0
10	64QAM	25	12	19.84	19.89	19.87		
10	64QAM	25	25	19.77	19.78	19.92		
10	64QAM	50	0	19.62	19.69	19.74		
10	256QAM	1	0	17.93	17.84	17.70	19.5	2
10	256QAM	1	25	17.87	17.96	17.61		
10	256QAM	1	49	17.64	17.65	17.76		
10	256QAM	25	0	17.68	17.72	17.74	19.5	2
10	256QAM	25	12	17.93	18.02	17.66		
10	256QAM	25	25	17.68	17.92	17.74		
10	256QAM	50	0	17.84	17.88	17.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.78	19.89	19.66	21.5	0
5	QPSK	1	12	19.79	19.78	19.79		
5	QPSK	1	24	19.60	19.67	19.77		
5	QPSK	12	0	19.63	19.83	19.60	21.5	0
5	QPSK	12	7	19.95	19.83	19.61		
5	QPSK	12	13	19.90	19.78	19.70		
5	QPSK	25	0	19.65	19.92	19.73		
5	16QAM	1	0	19.63	19.83	19.67	21.5	0
5	16QAM	1	12	19.70	19.68	19.91		
5	16QAM	1	24	19.59	19.76	19.65		
5	16QAM	12	0	19.71	19.77	19.72	21.5	0
5	16QAM	12	7	19.82	19.88	19.93		
5	16QAM	12	13	19.74	19.76	19.94		
5	16QAM	25	0	19.76	19.83	19.65		
5	64QAM	1	0	19.70	19.85	19.80	21.5	0
5	64QAM	1	12	19.87	19.68	19.66		
5	64QAM	1	24	19.83	19.79	19.78		
5	64QAM	12	0	19.67	19.88	19.62	21.5	0
5	64QAM	12	7	19.73	19.75	19.95		
5	64QAM	12	13	19.90	19.77	19.95		
5	64QAM	25	0	19.65	19.79	19.85		
5	256QAM	1	0	17.75	17.96	17.59	19.5	2
5	256QAM	1	12	17.75	17.84	17.67		
5	256QAM	1	24	17.62	17.62	17.69		
5	256QAM	12	0	17.90	17.80	17.63	19.5	2
5	256QAM	12	7	17.77	17.88	17.65		
5	256QAM	12	13	17.80	17.89	17.66		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.79	19.81	19.67	21.5	0
3	QPSK	1	8	19.88	19.61	19.73		
3	QPSK	1	14	19.57	19.74	19.73		
3	QPSK	8	0	19.69	19.79	19.59	21.5	0
3	QPSK	8	4	19.69	19.73	19.71		
3	QPSK	8	7	19.76	19.73	19.60		
3	QPSK	15	0	19.70	19.86	19.71		
3	16QAM	1	0	19.67	19.71	19.73	21.5	0
3	16QAM	1	8	19.70	19.64	19.68		
3	16QAM	1	14	19.77	19.79	19.75		
3	16QAM	8	0	19.76	19.71	19.78	21.5	0
3	16QAM	8	4	19.69	19.82	19.81		
3	16QAM	8	7	19.70	19.67	19.88		
3	16QAM	15	0	19.76	19.67	19.65		
3	64QAM	1	0	19.75	19.86	19.61	21.5	0
3	64QAM	1	8	19.85	19.84	19.59		
3	64QAM	1	14	19.88	19.76	19.89		
3	64QAM	8	0	19.77	19.88	19.68	21.5	0
3	64QAM	8	4	19.73	19.79	19.75		
3	64QAM	8	7	19.86	19.84	19.83		
3	64QAM	15	0	19.68	19.65	19.57		
3	256QAM	1	0	17.89	17.73	17.67	19.5	2
3	256QAM	1	8	17.72	17.83	17.63		
3	256QAM	1	14	17.59	17.66	17.63		
3	256QAM	8	0	17.73	17.90	17.70	19.5	2
3	256QAM	8	4	17.78	17.83	17.78		
3	256QAM	8	7	17.79	17.71	17.61		
3	256QAM	15	0	17.64	17.83	17.66		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.78	19.84	19.72	21.5	0
1.4	QPSK	1	3	19.89	19.75	19.79		
1.4	QPSK	1	5	19.66	19.65	19.53		
1.4	QPSK	3	0	19.70	19.84	19.73		
1.4	QPSK	3	1	19.80	19.72	19.59		
1.4	QPSK	3	3	19.85	19.76	19.72		
1.4	QPSK	6	0	19.73	19.72	19.77	21.5	0
1.4	16QAM	1	0	19.61	19.84	19.70	21.5	0
1.4	16QAM	1	3	19.86	19.67	19.81		
1.4	16QAM	1	5	19.53	19.88	19.64		
1.4	16QAM	3	0	19.65	19.67	19.65		
1.4	16QAM	3	1	19.76	19.92	19.92		
1.4	16QAM	3	3	19.73	19.75	19.91		
1.4	16QAM	6	0	19.66	19.63	19.64	21.5	0
1.4	64QAM	1	0	19.81	19.76	19.62	21.5	0
1.4	64QAM	1	3	19.88	19.64	19.80		
1.4	64QAM	1	5	19.72	19.61	19.82		
1.4	64QAM	3	0	19.70	19.71	19.69		
1.4	64QAM	3	1	19.89	19.78	19.85		
1.4	64QAM	3	3	19.70	19.81	19.92		
1.4	64QAM	6	0	19.61	19.75	19.67	21.5	0
1.4	256QAM	1	0	17.87	17.82	17.56	19.5	2
1.4	256QAM	1	3	17.74	17.80	17.63		
1.4	256QAM	1	5	17.69	17.66	17.54		
1.4	256QAM	3	0	17.74	17.83	17.72		
1.4	256QAM	3	1	17.73	17.83	17.76		
1.4	256QAM	3	3	17.72	17.82	17.65		
1.4	256QAM	6	0	17.81	17.83	17.76	19.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.26	22.33	22.18	23.5	0
20	QPSK	1	49	22.10	22.22	22.11		
20	QPSK	1	99	22.16	22.13	22.15		
20	QPSK	50	0	22.10	22.16	22.11	23.5	0
20	QPSK	50	24	22.01	22.03	22.12		
20	QPSK	50	50	22.15	22.04	22.08		
20	QPSK	100	0	22.00	22.14	22.04		
20	16QAM	1	0	22.06	22.18	22.21	23.5	0
20	16QAM	1	49	22.20	22.24	22.13		
20	16QAM	1	99	22.20	22.12	22.15		
20	16QAM	50	0	22.09	22.09	22.01	23.5	0
20	16QAM	50	24	22.02	22.20	22.03		
20	16QAM	50	50	22.21	22.23	21.97		
20	16QAM	100	0	22.00	21.96	22.17		
20	64QAM	1	0	22.00	22.18	22.10	23.5	0
20	64QAM	1	49	22.07	22.20	22.13		
20	64QAM	1	99	22.05	22.00	22.09		
20	64QAM	50	0	21.13	21.13	21.14	22.5	1
20	64QAM	50	24	21.16	21.16	21.21		
20	64QAM	50	50	21.09	21.25	21.15		
20	64QAM	100	0	21.10	21.11	21.18		
20	256QAM	1	0	18.81	19.03	18.76	20.5	3
20	256QAM	1	49	18.93	18.83	18.83		
20	256QAM	1	99	18.93	18.98	18.81		
20	256QAM	50	0	18.76	18.99	18.98	20.5	3
20	256QAM	50	24	18.84	18.82	18.96		
20	256QAM	50	50	19.02	19.12	18.89		
20	256QAM	100	0	18.87	19.04	18.90		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.24	22.23	22.00	23.5	0
15	QPSK	1	37	21.99	22.04	21.94		
15	QPSK	1	74	22.12	21.98	22.12		
15	QPSK	36	0	22.06	22.07	22.11	23.5	0
15	QPSK	36	20	22.01	21.92	21.99		
15	QPSK	36	39	22.11	21.97	21.99		
15	QPSK	75	0	21.87	22.05	22.01		
15	16QAM	1	0	21.94	22.19	22.14	23.5	0
15	16QAM	1	37	22.04	22.02	21.93		
15	16QAM	1	74	22.05	22.09	21.95		
15	16QAM	36	0	21.95	21.90	21.97	23.5	0
15	16QAM	36	20	21.86	22.02	21.84		
15	16QAM	36	39	22.12	22.08	21.94		
15	16QAM	75	0	21.81	21.76	22.05		
15	64QAM	1	0	21.93	22.19	22.01	23.5	0
15	64QAM	1	37	21.94	22.22	22.01		
15	64QAM	1	74	21.88	21.90	21.99		
15	64QAM	36	0	21.02	20.99	21.15	22.5	1
15	64QAM	36	20	21.15	21.05	21.19		
15	64QAM	36	39	21.05	21.08	21.15		
15	64QAM	75	0	20.95	20.98	21.04		
15	256QAM	1	0	18.91	18.98	18.80	20.5	3
15	256QAM	1	37	18.99	18.82	18.93		
15	256QAM	1	74	18.86	18.95	18.92		
15	256QAM	36	0	18.87	19.09	19.01	20.5	3
15	256QAM	36	20	18.89	18.79	19.02		
15	256QAM	36	39	18.98	19.11	18.93		
15	256QAM	75	0	18.86	19.01	18.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.22	22.15	21.96	23.5	0
10	QPSK	1	25	21.97	22.08	21.91		
10	QPSK	1	49	22.12	22.09	21.94		
10	QPSK	25	0	22.02	22.08	21.91	23.5	0
10	QPSK	25	12	21.95	21.83	21.93		
10	QPSK	25	25	21.99	21.93	21.97		
10	QPSK	50	0	21.75	21.89	21.84		
10	16QAM	1	0	22.02	21.99	22.05	23.5	0
10	16QAM	1	25	21.95	22.08	22.03		
10	16QAM	1	49	22.04	22.07	22.07		
10	16QAM	25	0	21.84	22.04	21.80	23.5	0
10	16QAM	25	12	21.93	22.04	21.82		
10	16QAM	25	25	22.08	22.13	21.84		
10	16QAM	50	0	21.96	21.86	22.10		
10	64QAM	1	0	21.77	22.11	22.03	23.5	0
10	64QAM	1	25	21.93	22.12	22.03		
10	64QAM	1	49	21.85	21.77	21.89		
10	64QAM	25	0	21.03	20.87	21.03	22.5	1
10	64QAM	25	12	21.01	21.09	20.98		
10	64QAM	25	25	21.04	21.00	20.98		
10	64QAM	50	0	20.94	20.92	20.98		
10	256QAM	1	0	18.88	19.00	18.81	20.5	3
10	256QAM	1	25	18.94	18.95	18.92		
10	256QAM	1	49	18.85	18.92	18.91		
10	256QAM	25	0	18.80	19.04	19.00	20.5	3
10	256QAM	25	12	18.88	18.83	19.04		
10	256QAM	25	25	19.00	19.12	18.87		
10	256QAM	50	0	18.82	19.05	18.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.95	22.02	21.97	23.5	0
5	QPSK	1	12	21.91	21.92	21.82		
5	QPSK	1	24	21.89	22.00	22.07		
5	QPSK	12	0	22.01	21.90	21.89	23.5	0
5	QPSK	12	7	21.86	21.93	21.99		
5	QPSK	12	13	21.86	21.95	21.91		
5	QPSK	25	0	21.72	22.01	21.74		
5	16QAM	1	0	21.84	21.87	22.09	23.5	0
5	16QAM	1	12	21.95	21.94	21.95		
5	16QAM	1	24	22.04	21.81	22.04		
5	16QAM	12	0	21.98	21.80	21.81	23.5	0
5	16QAM	12	7	21.83	21.91	21.83		
5	16QAM	12	13	21.95	21.97	21.86		
5	16QAM	25	0	21.83	21.73	21.89		
5	64QAM	1	0	21.82	21.95	21.80	23.5	0
5	64QAM	1	12	21.80	21.94	22.04		
5	64QAM	1	24	21.91	21.69	21.83		
5	64QAM	12	0	21.03	20.86	20.88	22.5	1
5	64QAM	12	7	21.03	21.07	21.09		
5	64QAM	12	13	20.80	20.95	21.02		
5	64QAM	25	0	20.84	20.98	20.90		
5	256QAM	1	0	18.93	19.01	18.86	20.5	3
5	256QAM	1	12	18.96	18.92	18.86		
5	256QAM	1	24	18.89	18.89	18.89		
5	256QAM	12	0	18.87	19.00	18.91	20.5	3
5	256QAM	12	7	18.84	18.80	18.91		
5	256QAM	12	13	19.02	19.03	18.94		
5	256QAM	25	0	18.77	19.05	18.92		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.25	22.15	22.34	22.16	22.11	23.5	0
20	QPSK	1	49	22.10	21.99	21.99	22.22	21.91		
20	QPSK	1	99	22.13	22.05	22.27	22.17	22.17		
20	QPSK	50	0	22.23	22.00	22.29	21.99	21.95	23.5	0
20	QPSK	50	24	21.97	22.19	21.97	22.11	22.11		
20	QPSK	50	50	22.00	22.04	22.13	22.20	22.20		
20	QPSK	100	0	22.10	21.91	22.16	21.88	22.05		
20	16QAM	1	0	22.09	22.10	22.14	22.20	21.98	23.5	0
20	16QAM	1	49	22.07	21.97	22.14	22.16	22.21		
20	16QAM	1	99	22.27	22.05	22.08	22.17	21.92		
20	16QAM	50	0	22.00	22.02	22.07	22.05	22.10	23.5	0
20	16QAM	50	24	22.07	22.09	22.13	22.20	22.17		
20	16QAM	50	50	22.11	22.28	21.97	22.00	22.31		
20	16QAM	100	0	21.84	22.08	22.14	21.97	22.06		
20	64QAM	1	0	22.08	22.24	22.09	22.20	22.11	23.5	0
20	64QAM	1	49	22.00	22.07	21.90	22.07	22.05		
20	64QAM	1	99	21.96	22.02	22.18	21.87	22.18		
20	64QAM	50	0	20.85	20.98	21.12	21.18	20.86	22.5	1
20	64QAM	50	24	21.24	21.27	21.13	21.34	20.90		
20	64QAM	50	50	20.92	21.25	21.00	21.23	21.08		
20	64QAM	100	0	20.98	21.15	21.10	21.02	21.21		
20	256QAM	1	0	19.43	19.30	19.32	19.35	19.36	20.5	3
20	256QAM	1	49	19.22	19.18	19.33	19.21	19.21		
20	256QAM	1	99	19.18	19.16	19.31	19.28	19.18		
20	256QAM	50	0	19.36	19.18	19.41	19.42	19.25	20.5	3
20	256QAM	50	24	19.40	19.37	19.39	19.18	19.19		
20	256QAM	50	50	19.38	19.41	19.36	19.22	19.17		
20	256QAM	100	0	19.50	19.23	19.42	19.27	19.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.06	22.03	22.17	21.99	21.91	23.50	0
15	QPSK	1	37	21.84	21.75	21.75	21.99	21.71		
15	QPSK	1	74	21.82	21.77	22.09	21.87	21.91		
15	QPSK	36	0	22.04	21.84	22.06	21.82	21.81	23.5	0
15	QPSK	36	20	21.66	21.98	21.70	21.89	21.94		
15	QPSK	36	39	21.92	21.92	21.91	22.06	22.08		
15	QPSK	75	0	21.96	21.81	21.88	21.80	21.75		
15	16QAM	1	0	21.80	21.86	21.96	22.11	21.73	23.5	0
15	16QAM	1	37	21.85	21.68	21.91	22.02	21.97		
15	16QAM	1	74	22.14	21.96	22.00	22.06	21.75		
15	16QAM	36	0	21.78	21.80	21.90	21.75	21.96	23.5	0
15	16QAM	36	20	21.84	21.99	21.94	22.05	21.96		
15	16QAM	36	39	21.92	22.03	21.88	21.89	22.18		
15	16QAM	75	0	21.71	21.84	21.85	21.66	21.86		
15	64QAM	1	0	21.93	22.16	21.81	22.04	21.99	23.5	0
15	64QAM	1	37	21.79	21.82	21.75	21.76	21.79		
15	64QAM	1	74	21.72	21.89	22.08	21.72	21.89		
15	64QAM	36	0	20.65	20.75	21.04	21.06	20.74	22.5	1
15	64QAM	36	20	20.96	20.95	20.83	21.04	20.75		
15	64QAM	36	39	20.81	21.07	20.78	21.03	20.94		
15	64QAM	75	0	20.80	20.89	20.98	20.90	20.90		
15	256QAM	1	0	19.21	19.10	19.06	19.12	19.17	20.5	3
15	256QAM	1	37	19.02	18.99	19.18	18.92	18.95		
15	256QAM	1	74	18.91	18.89	19.22	19.16	19.04		
15	256QAM	36	0	19.10	19.06	19.11	19.13	19.17	20.5	3
15	256QAM	36	20	19.21	19.27	19.15	19.08	19.07		
15	256QAM	36	39	19.22	19.17	19.20	18.91	18.99		
15	256QAM	75	0	19.38	19.00	19.18	19.06	19.10		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.94	21.99	22.14	21.99	22.03	23.50	0
10	QPSK	1	25	21.93	21.89	21.78	21.95	21.87		
10	QPSK	1	49	21.98	21.89	21.99	22.06	22.06		
10	QPSK	25	0	22.14	21.72	22.20	21.82	21.81	23.5	0
10	QPSK	25	12	21.71	21.99	21.80	22.03	21.82		
10	QPSK	25	25	21.92	21.84	22.02	22.06	22.08		
10	QPSK	50	0	21.98	21.78	21.85	21.71	21.83		
10	16QAM	1	0	21.96	22.02	21.97	22.01	21.82	23.5	0
10	16QAM	1	25	21.94	21.73	21.96	22.05	21.96		
10	16QAM	1	49	21.98	21.93	21.86	21.98	21.64		
10	16QAM	25	0	21.69	21.84	21.98	21.85	21.83	23.5	0
10	16QAM	25	12	21.79	21.82	21.98	22.12	21.88		
10	16QAM	25	25	21.79	22.10	21.68	21.81	22.12		
10	16QAM	50	0	21.73	21.93	22.01	21.76	21.91		
10	64QAM	1	0	21.99	21.93	21.78	21.90	21.95	23.5	0
10	64QAM	1	25	21.89	21.89	21.71	21.88	21.77		
10	64QAM	1	49	21.75	21.75	22.03	21.72	21.94		
10	64QAM	25	0	20.85	20.74	21.02	21.05	20.89	22.5	1
10	64QAM	25	12	21.06	21.14	20.97	21.14	20.85		
10	64QAM	25	25	20.73	21.17	20.85	21.04	20.84		
10	64QAM	50	0	20.68	21.00	20.95	20.93	21.05		
10	256QAM	1	0	19.19	19.15	19.23	19.10	19.21	20.5	3
10	256QAM	1	25	19.05	18.97	19.23	19.12	18.95		
10	256QAM	1	49	18.89	18.85	19.19	19.03	19.01		
10	256QAM	25	0	19.28	19.02	19.22	19.24	19.05	20.5	3
10	256QAM	25	12	19.28	19.08	19.16	18.95	19.06		
10	256QAM	25	25	19.07	19.16	19.11	19.00	19.09		
10	256QAM	50	0	19.34	19.01	19.11	19.06	19.00		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.10	22.05	22.04	22.03	21.97	23.50	0
5	QPSK	1	12	21.88	21.74	21.78	21.94	21.83		
5	QPSK	1	24	21.99	21.78	22.04	21.86	21.93		
5	QPSK	12	0	22.07	21.90	22.00	21.74	21.67	23.5	0
5	QPSK	12	7	21.83	22.10	21.78	21.84	21.96		
5	QPSK	12	13	21.79	21.87	21.95	21.98	21.89		
5	QPSK	25	0	21.79	21.70	21.98	21.71	21.81		
5	16QAM	1	0	21.94	21.84	21.99	21.91	21.78	23.5	0
5	16QAM	1	12	21.98	21.66	21.83	21.94	22.02		
5	16QAM	1	24	21.98	21.81	21.97	22.03	21.77		
5	16QAM	12	0	21.86	21.85	21.83	21.93	21.95	23.5	0
5	16QAM	12	7	21.96	21.85	21.85	21.93	21.91		
5	16QAM	12	13	21.90	22.08	21.70	21.84	22.01		
5	16QAM	25	0	21.59	21.99	22.03	21.75	21.93		
5	64QAM	1	0	21.94	22.04	21.91	22.01	21.93	23.5	0
5	64QAM	1	12	21.84	21.92	21.59	21.88	21.96		
5	64QAM	1	24	21.70	21.71	22.05	21.60	21.87		
5	64QAM	12	0	20.63	20.89	20.90	20.99	20.61	22.5	1
5	64QAM	12	7	20.96	21.00	20.98	21.06	20.75		
5	64QAM	12	13	20.79	20.94	20.80	21.10	20.85		
5	64QAM	25	0	20.78	21.02	20.79	20.89	21.06		
5	256QAM	1	0	19.29	19.16	19.22	19.06	19.14	20.5	3
5	256QAM	1	12	19.02	19.07	19.21	18.90	18.99		
5	256QAM	1	24	19.08	18.94	19.18	19.00	18.87		
5	256QAM	12	0	19.08	18.99	19.28	19.19	19.11	20.5	3
5	256QAM	12	7	19.18	19.09	19.23	19.06	18.95		
5	256QAM	12	13	19.24	19.14	19.16	18.91	18.98		
5	256QAM	25	0	19.23	19.01	19.22	19.04	19.21		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.07	21.12	21.05	21.7	0
20	QPSK	1	49	21.03	21.05	20.99		
20	QPSK	1	99	20.83	20.84	20.92		
20	QPSK	50	0	21.06	21.10	21.07	21.7	0
20	QPSK	50	24	21.03	21.03	21.07		
20	QPSK	50	50	20.98	21.04	20.97		
20	QPSK	100	0	20.96	21.07	21.03		
20	16QAM	1	0	21.06	21.07	20.97	21.7	0
20	16QAM	1	49	20.99	20.93	20.94		
20	16QAM	1	99	20.91	20.87	20.86		
20	16QAM	50	0	21.04	20.86	21.04	21.7	0
20	16QAM	50	24	20.97	20.96	21.11		
20	16QAM	50	50	21.05	21.04	21.02		
20	16QAM	100	0	20.98	21.10	21.05		
20	64QAM	1	0	21.02	21.06	20.92	21.7	0
20	64QAM	1	49	20.96	20.88	20.92		
20	64QAM	1	99	20.84	20.79	20.73		
20	64QAM	50	0	21.02	20.98	21.05	21.7	0
20	64QAM	50	24	20.95	21.02	21.07		
20	64QAM	50	50	21.02	21.04	21.00		
20	64QAM	100	0	21.06	21.10	21.05		
20	256QAM	1	0	19.79	19.76	19.86	20.7	1
20	256QAM	1	49	19.59	19.46	19.58		
20	256QAM	1	99	19.59	19.49	19.84		
20	256QAM	50	0	19.66	19.94	19.94	20.7	1
20	256QAM	50	24	19.59	19.80	19.81		
20	256QAM	50	50	19.84	19.64	19.78		
20	256QAM	100	0	19.86	19.75	19.73		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.99	21.00	20.86	21.7	0
15	QPSK	1	37	21.05	20.92	20.81		
15	QPSK	1	74	20.84	20.74	20.90		
15	QPSK	36	0	20.88	20.91	21.02	21.7	0
15	QPSK	36	20	20.85	20.83	20.95		
15	QPSK	36	39	20.91	20.84	20.83		
15	QPSK	75	0	20.96	20.86	20.93		
15	16QAM	1	0	21.04	20.90	20.76	21.7	0
15	16QAM	1	37	20.79	20.89	20.77		
15	16QAM	1	74	20.75	20.86	20.76		
15	16QAM	36	0	20.98	20.85	20.83	21.7	0
15	16QAM	36	20	20.89	20.77	20.90		
15	16QAM	36	39	20.91	20.83	21.02		
15	16QAM	75	0	20.88	21.09	20.93		
15	64QAM	1	0	20.83	21.04	20.81	21.7	0
15	64QAM	1	37	20.98	20.72	20.74		
15	64QAM	1	74	20.84	20.71	20.74		
15	64QAM	36	0	20.93	20.88	20.98	21.7	0
15	64QAM	36	20	20.88	20.86	21.05		
15	64QAM	36	39	20.98	20.98	20.82		
15	64QAM	75	0	20.91	20.96	20.86		
15	256QAM	1	0	19.61	19.86	19.81	20.7	1
15	256QAM	1	37	19.53	19.64	19.78		
15	256QAM	1	74	19.68	19.49	19.81		
15	256QAM	36	0	19.73	19.94	19.92	20.7	1
15	256QAM	36	20	19.68	19.69	19.75		
15	256QAM	36	39	19.80	19.74	19.83		
15	256QAM	75	0	19.69	19.72	19.82		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.01	20.98	20.97	21.7	0
10	QPSK	1	25	20.87	20.88	20.74		
10	QPSK	1	49	20.69	20.80	20.70		
10	QPSK	25	0	20.82	21.05	20.89	21.7	0
10	QPSK	25	12	20.98	20.82	20.96		
10	QPSK	25	25	20.82	20.79	20.78		
10	QPSK	50	0	20.79	20.88	20.92		
10	16QAM	1	0	20.81	20.97	20.81	21.7	0
10	16QAM	1	25	20.83	20.68	20.82		
10	16QAM	1	49	20.72	20.81	20.81		
10	16QAM	25	0	20.87	20.83	21.00	21.7	0
10	16QAM	25	12	20.74	20.90	21.01		
10	16QAM	25	25	20.96	20.93	20.98		
10	16QAM	50	0	20.94	20.83	20.95		
10	64QAM	1	0	20.80	20.96	20.68	21.7	0
10	64QAM	1	25	20.92	20.70	20.80		
10	64QAM	1	49	20.79	20.69	20.65		
10	64QAM	25	0	20.76	20.79	20.88	21.7	0
10	64QAM	25	12	20.74	20.83	21.01		
10	64QAM	25	25	20.76	20.93	20.82		
10	64QAM	50	0	20.83	20.83	20.82		
10	256QAM	1	0	19.83	19.95	19.77	20.7	1
10	256QAM	1	25	19.59	19.51	19.56		
10	256QAM	1	49	19.58	19.60	19.74		
10	256QAM	25	0	19.70	19.88	19.94	20.7	1
10	256QAM	25	12	19.71	19.77	19.81		
10	256QAM	25	25	19.81	19.75	19.91		
10	256QAM	50	0	19.73	19.84	19.85		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.86	20.95	20.88	21.7	0
5	QPSK	1	12	20.97	21.02	20.89		
5	QPSK	1	24	20.76	20.64	20.78		
5	QPSK	12	0	20.82	21.00	20.91	21.7	0
5	QPSK	12	7	20.85	20.79	20.90		
5	QPSK	12	13	20.94	20.80	20.72		
5	QPSK	25	0	20.87	20.94	20.94		
5	16QAM	1	0	21.01	21.03	20.82	21.7	0
5	16QAM	1	12	20.85	20.90	20.68		
5	16QAM	1	24	20.78	20.83	20.81		
5	16QAM	12	0	20.78	20.74	20.92	21.7	0
5	16QAM	12	7	20.84	20.72	20.94		
5	16QAM	12	13	20.79	20.80	20.87		
5	16QAM	25	0	20.84	20.94	20.84		
5	64QAM	1	0	20.97	20.95	20.71	21.7	0
5	64QAM	1	12	20.81	20.77	20.81		
5	64QAM	1	24	20.76	20.62	20.68		
5	64QAM	12	0	20.88	20.85	20.97	21.7	0
5	64QAM	12	7	20.90	20.76	20.98		
5	64QAM	12	13	20.90	20.87	20.79		
5	64QAM	25	0	20.87	21.05	20.99		
5	256QAM	1	0	19.71	19.92	19.68	20.7	1
5	256QAM	1	12	19.62	19.55	19.67		
5	256QAM	1	24	19.60	19.43	19.82		
5	256QAM	12	0	19.81	19.99	19.79	20.7	1
5	256QAM	12	7	19.69	19.80	19.78		
5	256QAM	12	13	19.83	19.71	19.91		
5	256QAM	25	0	19.90	19.64	19.85		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.43	17.63	17.66	17.43	18.5	0
20	QPSK	1	49	17.53	17.39	17.45	17.53		
20	QPSK	1	99	17.20	17.35	17.26	17.33		
20	QPSK	50	0	17.18	17.19	17.42	17.07	18.5	0
20	QPSK	50	24	17.02	17.00	17.01	17.11		
20	QPSK	50	50	16.94	17.08	16.94	17.04		
20	QPSK	100	0	16.98	17.09	17.15	17.06		
20	16QAM	1	0	17.07	17.10	16.98	17.03	18.5	0
20	16QAM	1	49	16.95	16.97	17.02	16.95		
20	16QAM	1	99	16.92	16.81	16.88	16.83		
20	16QAM	50	0	17.04	16.80	16.74	17.12	18.5	0
20	16QAM	50	24	16.88	17.07	16.93	17.00		
20	16QAM	50	50	16.99	17.07	17.11	17.04		
20	16QAM	100	0	16.97	17.11	17.07	17.06		
20	64QAM	1	0	17.11	17.13	17.11	16.98	18.5	0
20	64QAM	1	49	16.87	16.78	16.98	16.97		
20	64QAM	1	99	16.91	16.81	16.81	16.65		
20	64QAM	50	0	17.03	17.29	17.05	16.92	18.5	0
20	64QAM	50	24	17.04	16.95	16.99	17.16		
20	64QAM	50	50	16.82	16.97	16.88	16.80		
20	64QAM	100	0	17.20	17.61	17.49	17.53		
20	256QAM	1	0	17.13	17.34	17.07	17.01	18.5	0
20	256QAM	1	49	17.28	16.97	16.97	17.13		
20	256QAM	1	99	17.17	16.93	17.06	17.14		
20	256QAM	50	0	16.95	17.03	17.06	17.02	18.5	0
20	256QAM	50	24	17.17	16.93	17.06	17.14		
20	256QAM	50	50	16.79	16.86	16.85	16.81		
20	256QAM	100	0	16.98	16.92	17.02	17.04		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	16.89	17.04	16.85	16.99	18.5	0
15	QPSK	1	37	16.97	16.79	16.83	16.89		
15	QPSK	1	74	16.69	16.66	16.64	16.73		
15	QPSK	36	0	17.01	17.13	16.83	16.95	18.5	0
15	QPSK	36	20	16.96	17.00	16.79	17.09		
15	QPSK	36	39	16.87	16.86	16.86	16.97		
15	QPSK	75	0	16.92	16.91	16.89	17.06		
15	16QAM	1	0	16.86	17.00	16.80	16.80	18.5	0
15	16QAM	1	37	16.75	16.90	16.82	16.92		
15	16QAM	1	74	16.89	16.57	16.82	16.82		
15	16QAM	36	0	17.02	16.71	16.64	16.90	18.5	0
15	16QAM	36	20	16.83	17.03	16.76	16.85		
15	16QAM	36	39	16.94	16.85	16.88	16.87		
15	16QAM	75	0	16.92	16.95	16.98	16.89		
15	64QAM	1	0	17.07	16.93	16.95	16.90	18.5	0
15	64QAM	1	37	16.68	16.73	16.76	16.84		
15	64QAM	1	74	16.85	16.76	16.75	16.64		
15	64QAM	36	0	16.79	17.09	16.95	16.74	18.5	0
15	64QAM	36	20	16.81	16.87	16.79	16.95		
15	64QAM	36	39	16.78	16.92	16.75	16.73		
15	64QAM	75	0	17.55	17.57	17.33	17.51		
15	256QAM	1	0	17.05	16.74	16.90	16.97	18.5	0
15	256QAM	1	37	17.15	16.83	17.04	16.95		
15	256QAM	1	74	16.83	16.85	16.91	17.00		
15	256QAM	36	0	16.92	16.78	17.00	17.02	18.5	0
15	256QAM	36	20	16.63	16.83	16.73	16.80		
15	256QAM	36	39	16.95	16.79	16.80	16.89		
15	256QAM	75	0	16.95	16.79	16.80	16.89		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	16.95	17.11	17.02	16.99	18.5	0
10	QPSK	1	25	17.06	16.85	16.99	16.92		
10	QPSK	1	49	16.72	16.84	16.80	16.70		
10	QPSK	25	0	16.95	17.11	16.80	16.95	18.5	0
10	QPSK	25	12	16.88	16.79	16.81	16.94		
10	QPSK	25	25	16.87	16.94	16.89	17.00		
10	QPSK	50	0	16.81	16.96	16.88	17.03		
10	16QAM	1	0	17.06	17.10	16.91	16.84	18.5	0
10	16QAM	1	25	16.89	16.83	16.79	16.71		
10	16QAM	1	49	16.71	16.62	16.65	16.78		
10	16QAM	25	0	16.99	16.74	16.59	16.95	18.5	0
10	16QAM	25	12	16.83	16.98	16.82	16.84		
10	16QAM	25	25	16.90	17.00	16.91	16.99		
10	16QAM	50	0	16.74	16.92	16.88	17.03		
10	64QAM	1	0	16.98	17.02	16.88	16.77	18.5	0
10	64QAM	1	25	16.84	16.63	16.79	16.89		
10	64QAM	1	49	16.67	16.58	16.70	16.65		
10	64QAM	25	0	16.95	16.90	16.96	16.86	18.5	0
10	64QAM	25	12	16.83	16.75	16.93	17.04		
10	64QAM	25	25	16.61	16.73	16.66	16.78		
10	64QAM	50	0	17.43	17.47	17.33	17.52		
10	256QAM	1	0	17.06	17.30	16.88	16.82	18.5	0
10	256QAM	1	25	17.13	16.87	16.90	17.07		
10	256QAM	1	49	17.14	16.81	17.03	16.92		
10	256QAM	25	0	16.88	16.81	16.94	16.84	18.5	0
10	256QAM	25	12	17.03	16.76	16.97	17.07		
10	256QAM	25	25	16.61	16.73	16.79	16.63		
10	256QAM	50	0	16.74	16.73	16.89	16.94		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.91	17.04	16.98	16.88	18.5	0
5	QPSK	1	12	16.85	16.70	16.88	16.88		
5	QPSK	1	24	16.65	16.83	16.74	16.85		
5	QPSK	12	0	16.98	17.08	16.90	16.93	18.5	0
5	QPSK	12	7	17.02	16.84	16.83	16.90		
5	QPSK	12	13	16.82	17.01	16.71	16.86		
5	QPSK	25	0	16.98	16.90	16.97	17.03		
5	16QAM	1	0	16.85	16.91	16.97	16.88	18.5	0
5	16QAM	1	12	16.88	16.97	16.83	16.81		
5	16QAM	1	24	16.86	16.74	16.80	16.72		
5	16QAM	12	0	16.94	16.63	16.67	17.04	18.5	0
5	16QAM	12	7	16.71	16.96	16.88	16.77		
5	16QAM	12	13	16.93	17.06	16.96	17.01		
5	16QAM	25	0	16.86	16.88	16.92	16.87		
5	64QAM	1	0	16.82	16.95	16.84	16.75	18.5	0
5	64QAM	1	12	16.72	16.72	16.82	16.83		
5	64QAM	1	24	16.73	16.68	16.65	16.65		
5	64QAM	12	0	16.91	17.08	16.94	16.72	18.5	0
5	64QAM	12	7	16.90	16.94	16.89	17.06		
5	64QAM	12	13	16.63	16.89	16.85	16.65		
5	64QAM	25	0	17.52	17.60	17.26	17.43		
5	256QAM	1	0	16.96	17.13	17.00	17.00	18.5	0
5	256QAM	1	12	17.12	16.89	16.82	17.00		
5	256QAM	1	24	17.16	16.84	16.95	16.98		
5	256QAM	12	0	16.78	17.02	16.88	16.96	18.5	0
5	256QAM	12	7	16.94	16.75	16.90	16.91		
5	256QAM	12	13	16.65	16.73	16.72	16.79		
5	256QAM	25	0	16.86	16.81	16.86	16.91		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.15	21.18	21.08	22.5	0
20	QPSK	1	49	21.03	20.94	20.92		
20	QPSK	1	99	21.16	21.09	21.05		
20	QPSK	50	0	20.05	20.14	20.02	21.5	1
20	QPSK	50	24	19.94	20.05	20.05		
20	QPSK	50	50	20.06	20.04	20.09		
20	QPSK	100	0	20.07	20.19	20.04		
20	16QAM	1	0	20.07	20.04	20.12	21.5	1
20	16QAM	1	49	19.79	19.90	19.90		
20	16QAM	1	99	20.07	20.03	19.99		
20	16QAM	50	0	19.13	19.05	19.08	20.5	2
20	16QAM	50	24	18.93	19.03	19.15		
20	16QAM	50	50	19.03	19.04	19.01		
20	16QAM	100	0	19.08	19.08	18.98		
20	64QAM	1	0	18.92	19.04	19.15	20.5	2
20	64QAM	1	49	19.09	19.03	19.01		
20	64QAM	1	99	18.84	18.92	18.82		
20	64QAM	50	0	18.05	18.06	18.17	19.5	3
20	64QAM	50	24	18.07	18.04	18.03		
20	64QAM	50	50	17.94	18.05	18.08		
20	64QAM	100	0	17.99	18.08	18.02		
20	256QAM	1	0	16.08	16.12	16.20	17.5	5
20	256QAM	1	49	15.96	15.99	15.94		
20	256QAM	1	99	16.17	16.18	15.96		
20	256QAM	50	0	15.99	16.15	16.05	17.5	5
20	256QAM	50	24	15.91	16.15	16.02		
20	256QAM	50	50	16.02	15.95	15.98		
20	256QAM	100	0	16.17	16.08	16.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.13	21.06	21.10	22.5	0
15	QPSK	1	37	20.95	20.88	20.89		
15	QPSK	1	74	21.17	20.91	20.94		
15	QPSK	36	0	19.85	20.07	19.98	21.5	1
15	QPSK	36	20	19.73	20.07	19.90		
15	QPSK	36	39	19.88	20.04	20.10		
15	QPSK	75	0	20.04	20.01	20.05		
15	16QAM	1	0	19.88	19.82	19.96	21.5	1
15	16QAM	1	37	19.82	19.70	19.68		
15	16QAM	1	74	20.02	19.99	19.94		
15	16QAM	36	0	18.97	18.92	18.94	20.5	2
15	16QAM	36	20	18.73	18.88	19.12		
15	16QAM	36	39	18.86	18.99	18.90		
15	16QAM	75	0	19.00	18.89	18.90		
15	64QAM	1	0	18.83	18.83	18.93	20.5	2
15	64QAM	1	37	19.14	18.93	18.83		
15	64QAM	1	74	18.78	18.81	18.83		
15	64QAM	36	0	17.95	17.86	17.93	19.5	3
15	64QAM	36	20	17.97	18.07	17.96		
15	64QAM	36	39	17.83	17.95	18.07		
15	64QAM	75	0	17.75	17.94	17.79		
15	256QAM	1	0	16.02	15.96	16.03	17.5	5
15	256QAM	1	37	15.93	15.91	16.01		
15	256QAM	1	74	16.10	15.80	16.01		
15	256QAM	36	0	15.81	16.00	16.01	17.5	5
15	256QAM	36	20	15.85	16.16	15.79		
15	256QAM	36	39	15.85	16.15	16.12		
15	256QAM	75	0	15.97	16.10	16.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.01	21.09	20.96	22.5	0
10	QPSK	1	25	20.81	20.83	20.95		
10	QPSK	1	49	20.99	20.90	20.85		
10	QPSK	25	0	19.92	19.99	19.81	21.5	1
10	QPSK	25	12	19.76	19.83	19.99		
10	QPSK	25	25	20.07	20.01	19.89		
10	QPSK	50	0	20.14	19.91	19.94		
10	16QAM	1	0	20.04	19.88	20.00	21.5	1
10	16QAM	1	25	19.83	19.89	19.85		
10	16QAM	1	49	20.02	19.93	19.90		
10	16QAM	25	0	18.93	18.91	19.10	20.5	2
10	16QAM	25	12	18.72	18.89	19.02		
10	16QAM	25	25	19.00	18.93	19.00		
10	16QAM	50	0	19.07	19.10	18.97		
10	64QAM	1	0	18.76	18.81	18.94	20.5	2
10	64QAM	1	25	18.88	18.98	18.78		
10	64QAM	1	49	18.76	18.77	18.70		
10	64QAM	25	0	17.94	17.99	18.06	19.5	3
10	64QAM	25	12	17.83	18.09	18.06		
10	64QAM	25	25	17.82	17.99	18.11		
10	64QAM	50	0	18.00	18.01	17.78		
10	256QAM	1	0	15.99	16.18	15.90	17.5	5
10	256QAM	1	25	15.79	15.83	16.00		
10	256QAM	1	49	15.99	15.91	15.92		
10	256QAM	25	0	15.90	16.06	15.81	17.5	5
10	256QAM	25	12	15.71	15.72	15.92		
10	256QAM	25	25	16.03	15.93	15.92		
10	256QAM	50	0	16.22	16.03	15.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.11	21.05	21.03	22.5	0
5	QPSK	1	12	20.78	20.85	20.87		
5	QPSK	1	24	21.06	21.04	20.97		
5	QPSK	12	0	19.89	19.82	19.81	21.5	1
5	QPSK	12	7	19.91	19.87	19.81		
5	QPSK	12	13	20.05	19.97	19.92		
5	QPSK	25	0	19.95	19.99	19.90		
5	16QAM	1	0	19.99	19.83	19.91	21.5	1
5	16QAM	1	12	19.82	19.88	19.78		
5	16QAM	1	24	19.98	20.08	19.76		
5	16QAM	12	0	19.13	18.98	18.88	20.5	2
5	16QAM	12	7	18.87	19.03	19.09		
5	16QAM	12	13	18.80	18.83	18.82		
5	16QAM	25	0	19.02	18.90	18.74		
5	64QAM	1	0	18.80	18.86	19.03	20.5	2
5	64QAM	1	12	19.07	18.94	18.79		
5	64QAM	1	24	18.86	18.90	18.73		
5	64QAM	12	0	17.84	18.09	18.13	19.5	3
5	64QAM	12	7	18.09	17.99	17.87		
5	64QAM	12	13	17.74	17.97	18.01		
5	64QAM	25	0	17.87	17.95	17.93		
5	256QAM	1	0	16.10	15.97	16.03	17.5	5
5	256QAM	1	12	15.81	15.76	15.89		
5	256QAM	1	24	16.15	15.95	15.86		
5	256QAM	12	0	15.91	15.72	15.76	17.5	5
5	256QAM	12	7	15.88	15.79	15.70		
5	256QAM	12	13	16.08	16.03	15.84		
5	256QAM	25	0	16.02	16.04	15.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.63	18.73	18.75	18.63	20	0
20	QPSK	1	49	18.55	18.71	18.55	18.52		
20	QPSK	1	99	18.70	18.60	18.58	18.57		
20	QPSK	50	0	17.72	17.85	17.87	17.64	19	1
20	QPSK	50	24	17.79	17.61	17.63	17.71		
20	QPSK	50	50	17.65	17.65	17.71	17.78		
20	QPSK	100	0	17.76	17.82	17.88	17.74		
20	16QAM	1	0	17.81	17.57	17.77	17.73	19	1
20	16QAM	1	49	17.85	17.89	17.85	17.83		
20	16QAM	1	99	17.76	17.87	17.86	17.82		
20	16QAM	50	0	16.67	16.68	16.81	16.72	18	2
20	16QAM	50	24	16.68	16.77	16.87	16.83		
20	16QAM	50	50	16.83	16.74	16.63	16.64		
20	16QAM	100	0	16.67	16.70	16.73	16.83		
20	64QAM	1	0	16.63	16.45	16.66	16.48	18	2
20	64QAM	1	49	16.58	16.66	16.41	16.56		
20	64QAM	1	99	16.41	16.38	16.40	16.58		
20	64QAM	50	0	15.78	15.68	15.79	15.74	17	3
20	64QAM	50	24	15.67	15.90	15.88	15.74		
20	64QAM	50	50	15.75	15.66	15.72	15.71		
20	64QAM	100	0	15.77	15.79	15.77	15.94		
20	256QAM	1	0	13.66	13.74	13.49	13.60	15	5
20	256QAM	1	49	13.61	13.80	13.64	13.64		
20	256QAM	1	99	13.77	13.53	13.49	13.61		
20	256QAM	50	0	13.82	13.86	13.54	13.55	15	5
20	256QAM	50	24	13.89	13.51	13.63	13.61		
20	256QAM	50	50	13.71	13.57	13.82	13.86		
20	256QAM	100	0	13.76	13.77	13.80	13.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.48	18.30	18.46	18.53	20	0
15	QPSK	1	37	18.48	18.50	18.43	18.52		
15	QPSK	1	74	18.61	18.40	18.46	18.61		
15	QPSK	36	0	17.58	17.54	17.60	17.60	19	1
15	QPSK	36	20	17.71	17.59	17.64	17.62		
15	QPSK	36	39	17.61	17.70	17.72	17.82		
15	QPSK	75	0	17.67	17.66	17.73	17.71		
15	16QAM	1	0	17.62	17.51	17.70	17.71	19	1
15	16QAM	1	37	17.77	17.76	17.75	17.70		
15	16QAM	1	74	17.68	17.63	17.82	17.79		
15	16QAM	36	0	16.64	16.45	16.61	16.58	18	2
15	16QAM	36	20	16.48	16.71	16.75	16.68		
15	16QAM	36	39	16.58	16.72	16.59	16.51		
15	16QAM	75	0	16.46	16.61	16.60	16.62		
15	64QAM	1	0	16.46	16.33	16.68	16.47	18	2
15	64QAM	1	37	16.61	16.67	16.36	16.61		
15	64QAM	1	74	16.43	16.37	16.45	16.37		
15	64QAM	36	0	15.76	15.61	15.78	15.71	17	3
15	64QAM	36	20	15.55	15.77	15.75	15.67		
15	64QAM	36	39	15.50	15.58	15.68	15.57		
15	64QAM	75	0	15.56	15.61	15.55	15.84		
15	256QAM	1	0	13.56	13.37	13.48	13.60	15	5
15	256QAM	1	37	13.40	13.46	13.52	13.63		
15	256QAM	1	74	13.60	13.43	13.44	13.71		
15	256QAM	36	0	13.63	13.64	13.71	13.61	15	5
15	256QAM	36	20	13.61	13.59	13.63	13.64		
15	256QAM	36	39	13.69	13.58	13.77	13.83		
15	256QAM	75	0	13.59	13.78	13.67	13.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.45	18.35	18.49	18.63	20	0
10	QPSK	1	25	18.41	18.72	18.48	18.33		
10	QPSK	1	49	18.60	18.49	18.60	18.66		
10	QPSK	25	0	17.63	17.63	17.41	17.57	19	1
10	QPSK	25	12	17.67	17.76	17.66	17.49		
10	QPSK	25	25	17.52	17.42	17.54	17.58		
10	QPSK	50	0	17.81	17.51	17.66	17.66		
10	16QAM	1	0	17.86	17.59	17.72	17.66	19	1
10	16QAM	1	25	17.87	17.78	17.78	17.93		
10	16QAM	1	49	17.55	17.71	17.89	17.83		
10	16QAM	25	0	16.68	16.55	16.70	16.67	18	2
10	16QAM	25	12	16.49	16.56	16.67	16.83		
10	16QAM	25	25	16.83	16.60	16.56	16.58		
10	16QAM	50	0	16.60	16.56	16.74	16.78		
10	64QAM	1	0	16.43	16.41	16.47	16.32	18	2
10	64QAM	1	25	16.35	16.67	16.43	16.44		
10	64QAM	1	49	16.44	16.37	16.36	16.38		
10	64QAM	25	0	15.58	15.68	15.58	15.56	17	3
10	64QAM	25	12	15.53	15.71	15.79	15.77		
10	64QAM	25	25	15.63	15.44	15.69	15.74		
10	64QAM	50	0	15.71	15.54	15.56	15.84		
10	256QAM	1	0	13.50	13.38	13.41	13.66	15	5
10	256QAM	1	25	13.33	13.64	13.53	13.42		
10	256QAM	1	49	13.70	13.40	13.71	13.62		
10	256QAM	25	0	13.54	13.57	13.52	13.48	15	5
10	256QAM	25	12	13.79	13.75	13.62	13.49		
10	256QAM	25	25	13.42	13.48	13.58	13.60		
10	256QAM	50	0	13.74	13.60	13.70	13.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.54	18.50	18.48	18.67	20	0
5	QPSK	1	12	18.36	18.57	18.41	18.49		
5	QPSK	1	24	18.62	18.50	18.45	18.72		
5	QPSK	12	0	17.63	17.51	17.57	17.41	19	1
5	QPSK	12	7	17.73	17.59	17.60	17.61		
5	QPSK	12	13	17.45	17.43	17.65	17.68		
5	QPSK	25	0	17.66	17.75	17.52	17.82		
5	16QAM	1	0	17.60	17.56	17.79	17.74	19	1
5	16QAM	1	12	17.78	17.77	17.79	17.77		
5	16QAM	1	24	17.51	17.67	17.89	17.78		
5	16QAM	12	0	16.55	16.48	16.63	16.75	18	2
5	16QAM	12	7	16.59	16.66	16.69	16.60		
5	16QAM	12	13	16.83	16.54	16.68	16.45		
5	16QAM	25	0	16.61	16.58	16.71	16.85		
5	64QAM	1	0	16.39	16.48	16.57	16.28	18	2
5	64QAM	1	12	16.62	16.59	16.34	16.38		
5	64QAM	1	24	16.43	16.28	16.26	16.45		
5	64QAM	12	0	15.58	15.65	15.81	15.79	17	3
5	64QAM	12	7	15.54	15.80	15.69	15.55		
5	64QAM	12	13	15.77	15.61	15.59	15.56		
5	64QAM	25	0	15.64	15.74	15.74	15.88		
5	256QAM	1	0	13.61	13.51	13.37	13.55	15	5
5	256QAM	1	12	13.38	13.62	13.43	13.61		
5	256QAM	1	24	13.66	13.42	13.57	13.66		
5	256QAM	12	0	13.62	13.61	13.58	13.51	15	5
5	256QAM	12	7	13.73	13.65	13.71	13.62		
5	256QAM	12	13	13.56	13.50	13.63	13.58		
5	256QAM	25	0	13.60	13.83	13.46	13.80		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.33	20.35	20.27	22	0
20	QPSK	1	49	20.12	20.20	20.16		
20	QPSK	1	99	20.21	20.19	20.20		
20	QPSK	50	0	19.38	19.41	19.36	21	1
20	QPSK	50	24	19.33	19.33	19.32		
20	QPSK	50	50	19.30	19.27	19.26		
20	QPSK	100	0	19.29	19.34	19.23		
20	16QAM	1	0	19.26	19.45	19.28	21	1
20	16QAM	1	49	19.39	19.37	19.14		
20	16QAM	1	99	19.25	19.44	19.34		
20	16QAM	50	0	18.46	18.33	18.37	20	2
20	16QAM	50	24	18.35	18.33	18.25		
20	16QAM	50	50	18.22	18.30	18.22		
20	16QAM	100	0	18.33	18.29	18.35		
20	64QAM	1	0	18.20	18.17	18.28	20	2
20	64QAM	1	49	18.07	18.19	18.22		
20	64QAM	1	99	18.12	18.10	18.21		
20	64QAM	50	0	17.40	17.38	17.36	19	3
20	64QAM	50	24	17.37	17.29	17.22		
20	64QAM	50	50	17.23	17.25	17.21		
20	64QAM	100	0	17.38	17.23	17.21		
20	256QAM	1	0	15.35	15.41	15.26	17	5
20	256QAM	1	49	15.19	15.09	15.11		
20	256QAM	1	99	15.12	15.29	15.25		
20	256QAM	50	0	15.43	15.50	15.37	17	5
20	256QAM	50	24	15.33	15.40	15.30		
20	256QAM	50	50	15.36	15.25	15.36		
20	256QAM	100	0	15.30	15.28	15.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.13	20.20	20.10	22	0
15	QPSK	1	37	20.12	20.07	20.05		
15	QPSK	1	74	20.05	20.13	20.03		
15	QPSK	36	0	19.27	19.28	19.34	21	1
15	QPSK	36	20	19.25	19.26	19.25		
15	QPSK	36	39	19.22	19.10	19.09		
15	QPSK	75	0	19.23	19.13	19.15		
15	16QAM	1	0	19.19	19.36	19.20	21	1
15	16QAM	1	37	19.31	19.23	19.03		
15	16QAM	1	74	19.08	19.31	19.20		
15	16QAM	36	0	18.40	18.23	18.30	20	2
15	16QAM	36	20	18.22	18.24	18.07		
15	16QAM	36	39	18.15	18.17	18.04		
15	16QAM	75	0	18.29	18.17	18.24		
15	64QAM	1	0	18.03	18.06	18.16	20	2
15	64QAM	1	37	18.08	18.15	18.26		
15	64QAM	1	74	18.10	18.17	18.01		
15	64QAM	36	0	17.35	17.33	17.19	19	3
15	64QAM	36	20	17.33	17.13	17.14		
15	64QAM	36	39	17.12	17.21	17.16		
15	64QAM	75	0	17.25	17.18	17.11		
15	256QAM	1	0	15.20	15.29	15.05	17	5
15	256QAM	1	37	15.07	15.00	15.08		
15	256QAM	1	74	15.05	15.16	15.00		
15	256QAM	36	0	15.24	15.24	15.35	17	5
15	256QAM	36	20	15.28	15.24	15.35		
15	256QAM	36	39	15.25	15.11	15.23		
15	256QAM	75	0	15.30	15.18	15.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.12	20.08	20.10	22	0
10	QPSK	1	25	20.00	20.07	20.06		
10	QPSK	1	49	20.08	20.13	20.06		
10	QPSK	25	0	19.18	19.08	19.12	21	1
10	QPSK	25	12	19.09	19.14	19.13		
10	QPSK	25	25	19.23	19.11	19.09		
10	QPSK	50	0	19.16	19.20	19.08		
10	16QAM	1	0	19.11	19.35	19.12	21	1
10	16QAM	1	25	19.42	19.40	19.09		
10	16QAM	1	49	19.00	19.15	19.12		
10	16QAM	25	0	18.27	18.11	18.14	20	2
10	16QAM	25	12	18.17	18.14	18.00		
10	16QAM	25	25	18.13	18.19	18.05		
10	16QAM	50	0	18.16	18.12	18.15		
10	64QAM	1	0	18.11	18.03	18.17	20	2
10	64QAM	1	25	18.10	18.25	18.26		
10	64QAM	1	49	18.09	18.18	18.08		
10	64QAM	25	0	17.24	17.19	17.07	19	3
10	64QAM	25	12	17.22	17.20	17.10		
10	64QAM	25	25	17.10	17.14	17.15		
10	64QAM	50	0	17.18	17.04	17.04		
10	256QAM	1	0	15.13	15.18	15.07	17	5
10	256QAM	1	25	15.06	15.19	15.07		
10	256QAM	1	49	15.11	15.10	15.16		
10	256QAM	25	0	15.17	15.09	15.12	17	5
10	256QAM	25	12	15.01	15.03	15.23		
10	256QAM	25	25	15.33	15.19	15.11		
10	256QAM	50	0	15.25	15.30	15.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.20	20.10	20.00	22	0
5	QPSK	1	12	20.03	20.15	20.07		
5	QPSK	1	24	20.08	20.13	20.07		
5	QPSK	12	0	19.16	19.13	19.20	21	1
5	QPSK	12	7	19.09	19.06	19.06		
5	QPSK	12	13	19.13	19.10	19.19		
5	QPSK	25	0	19.23	19.20	19.07		
5	16QAM	1	0	19.10	19.30	19.24	21	1
5	16QAM	1	12	19.27	19.27	19.03		
5	16QAM	1	24	19.06	19.27	19.04		
5	16QAM	12	0	18.26	18.13	18.15	20	2
5	16QAM	12	7	18.05	18.13	18.01		
5	16QAM	12	13	18.06	18.23	18.18		
5	16QAM	25	0	18.13	18.08	18.06		
5	64QAM	1	0	18.14	18.04	18.22	20	2
5	64QAM	1	12	18.10	18.22	18.21		
5	64QAM	1	24	18.03	18.12	18.06		
5	64QAM	12	0	17.15	17.09	17.13	19	3
5	64QAM	12	7	17.27	17.13	17.11		
5	64QAM	12	13	17.14	17.10	17.14		
5	64QAM	25	0	17.21	17.06	17.05		
5	256QAM	1	0	15.34	15.22	15.01	17	5
5	256QAM	1	12	15.05	15.10	15.03		
5	256QAM	1	24	15.32	15.17	15.10		
5	256QAM	12	0	15.18	15.13	15.31	17	5
5	256QAM	12	7	15.10	15.07	15.08		
5	256QAM	12	13	15.06	15.17	15.28		
5	256QAM	25	0	15.23	15.09	15.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.69	17.78	17.79	17.58	19.5	0
20	QPSK	1	49	17.72	17.72	17.59	17.67		
20	QPSK	1	99	17.74	17.74	17.54	17.63		
20	QPSK	50	0	16.89	16.93	16.99	16.90	18.5	1
20	QPSK	50	24	16.87	16.88	16.81	16.90		
20	QPSK	50	50	16.75	16.78	16.85	16.79		
20	QPSK	100	0	16.81	16.86	16.87	16.83		
20	16QAM	1	0	16.96	16.77	16.84	16.80	18.5	1
20	16QAM	1	49	16.59	16.72	16.68	16.86		
20	16QAM	1	99	16.60	16.73	16.71	16.61		
20	16QAM	50	0	15.92	15.91	15.84	15.93	17.5	2
20	16QAM	50	24	15.86	15.96	15.90	15.82		
20	16QAM	50	50	15.76	15.83	15.84	15.81		
20	16QAM	100	0	15.91	15.83	15.89	15.79		
20	64QAM	1	0	15.74	15.69	15.75	15.71	17.5	2
20	64QAM	1	49	15.78	15.77	15.67	15.50		
20	64QAM	1	99	15.54	15.65	15.66	15.56		
20	64QAM	50	0	14.82	14.99	14.84	14.81	16.5	3
20	64QAM	50	24	14.85	14.82	14.95	14.93		
20	64QAM	50	50	14.68	14.84	14.80	14.85		
20	64QAM	100	0	14.90	14.80	14.87	14.81		
20	256QAM	1	0	12.69	12.76	12.76	12.59	14.5	5
20	256QAM	1	49	12.73	12.82	12.60	12.66		
20	256QAM	1	99	12.70	12.54	12.65	12.64		
20	256QAM	50	0	12.94	12.86	12.80	12.81	14.5	5
20	256QAM	50	24	12.86	12.80	12.76	12.81		
20	256QAM	50	50	12.76	12.88	12.86	12.67		
20	256QAM	100	0	12.88	12.81	12.91	12.84		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.76	17.71	17.75	17.58	19.5	0
15	QPSK	1	37	17.66	17.77	17.56	17.64		
15	QPSK	1	74	17.72	17.61	17.56	17.61		
15	QPSK	36	0	16.79	16.83	16.85	16.84	18.5	1
15	QPSK	36	20	16.71	16.71	16.66	16.77		
15	QPSK	36	39	16.58	16.62	16.72	16.69		
15	QPSK	75	0	16.72	16.76	16.70	16.76		
15	16QAM	1	0	16.77	16.60	16.79	16.74	18.5	1
15	16QAM	1	37	16.54	16.55	16.62	16.72		
15	16QAM	1	74	16.64	16.78	16.67	16.57		
15	16QAM	36	0	15.81	15.79	15.75	15.84	17.5	2
15	16QAM	36	20	15.79	15.78	15.73	15.67		
15	16QAM	36	39	15.65	15.69	15.77	15.71		
15	16QAM	75	0	15.83	15.70	15.72	15.67		
15	64QAM	1	0	15.57	15.65	15.78	15.67	17.5	2
15	64QAM	1	37	15.72	15.83	15.56	15.52		
15	64QAM	1	74	15.52	15.59	15.51	15.54		
15	64QAM	36	0	14.67	14.90	14.74	14.72	16.5	3
15	64QAM	36	20	14.74	14.64	14.80	14.81		
15	64QAM	36	39	14.56	14.71	14.70	14.76		
15	64QAM	75	0	14.76	14.69	14.83	14.74		
15	256QAM	1	0	12.83	12.59	12.86	12.63	14.5	5
15	256QAM	1	37	12.72	12.91	12.62	12.60		
15	256QAM	1	74	12.81	12.50	12.52	12.50		
15	256QAM	36	0	12.81	12.75	12.81	12.93	14.5	5
15	256QAM	36	20	12.82	12.81	12.64	12.87		
15	256QAM	36	39	12.69	12.62	12.78	12.62		
15	256QAM	75	0	12.70	12.85	12.66	12.78		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.64	17.71	17.70	17.52	19.5	0
10	QPSK	1	25	17.66	17.75	17.59	17.61		
10	QPSK	1	49	17.67	17.70	17.55	17.67		
10	QPSK	25	0	16.89	16.77	16.84	16.75	18.5	1
10	QPSK	25	12	16.73	16.81	16.74	16.80		
10	QPSK	25	25	16.71	16.71	16.73	16.72		
10	QPSK	50	0	16.71	16.65	16.73	16.75		
10	16QAM	1	0	16.72	16.71	16.70	16.65	18.5	1
10	16QAM	1	25	16.59	16.71	16.65	16.88		
10	16QAM	1	49	16.59	16.69	16.73	16.63		
10	16QAM	25	0	15.75	15.75	15.75	15.86	17.5	2
10	16QAM	25	12	15.81	15.90	15.74	15.76		
10	16QAM	25	25	15.66	15.76	15.73	15.70		
10	16QAM	50	0	15.76	15.73	15.76	15.72		
10	64QAM	1	0	15.63	15.60	15.74	15.64	17.5	2
10	64QAM	1	25	15.73	15.89	15.63	15.54		
10	64QAM	1	49	15.56	15.62	15.74	15.59		
10	64QAM	25	0	14.65	14.85	14.72	14.76	16.5	3
10	64QAM	25	12	14.69	14.68	14.86	14.89		
10	64QAM	25	25	14.56	14.78	14.69	14.70		
10	64QAM	50	0	14.81	14.76	14.70	14.64		
10	256QAM	1	0	12.74	12.65	12.66	12.50	14.5	5
10	256QAM	1	25	12.72	12.76	12.53	12.57		
10	256QAM	1	49	12.72	12.76	12.53	12.57		
10	256QAM	25	0	12.71	12.71	12.69	12.73	14.5	5
10	256QAM	25	12	12.74	12.77	12.78	12.82		
10	256QAM	25	25	12.62	12.71	12.77	12.76		
10	256QAM	50	0	12.67	12.58	12.62	12.75		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.67	17.68	17.62	17.56	19.5	0
5	QPSK	1	12	17.76	17.67	17.59	17.63		
5	QPSK	1	24	17.64	17.74	17.70	17.61		
5	QPSK	12	0	16.85	16.85	16.73	16.73	18.5	1
5	QPSK	12	7	16.70	16.73	16.72	16.76		
5	QPSK	12	13	16.70	16.73	16.74	16.62		
5	QPSK	25	0	16.77	16.65	16.68	16.79		
5	16QAM	1	0	16.76	16.69	16.76	16.70	18.5	1
5	16QAM	1	12	16.59	16.76	16.63	16.88		
5	16QAM	1	24	16.58	16.80	16.74	16.66		
5	16QAM	12	0	15.75	15.86	15.79	15.77	17.5	2
5	16QAM	12	7	15.69	15.91	15.76	15.76		
5	16QAM	12	13	15.70	15.69	15.66	15.64		
5	16QAM	25	0	15.83	15.66	15.77	15.65		
5	64QAM	1	0	15.59	15.51	15.70	15.74	17.5	2
5	64QAM	1	12	15.72	15.84	15.69	15.50		
5	64QAM	1	24	15.59	15.70	15.69	15.53		
5	64QAM	12	0	14.76	14.90	14.68	14.63	16.5	3
5	64QAM	12	7	14.75	14.66	14.78	14.85		
5	64QAM	12	13	14.55	14.74	14.73	14.79		
5	64QAM	25	0	14.80	14.65	14.74	14.70		
5	256QAM	1	0	12.75	12.57	12.78	12.64	14.5	5
5	256QAM	1	12	12.70	12.81	12.68	12.61		
5	256QAM	1	24	12.60	12.57	12.56	12.65		
5	256QAM	12	0	12.81	12.77	12.83	12.62	14.5	5
5	256QAM	12	7	12.73	12.73	12.62	12.77		
5	256QAM	12	13	12.76	12.70	12.67	12.70		
5	256QAM	25	0	12.84	12.69	12.79	12.75		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.83	24.85	24.71	25.7	0
20	QPSK	1	49	24.78	24.77	24.82		
20	QPSK	1	99	24.74	24.82	24.62		
20	QPSK	50	0	23.77	23.97	23.82	24.7	1
20	QPSK	50	24	23.76	23.90	23.94		
20	QPSK	50	50	23.76	23.86	23.82		
20	QPSK	100	0	23.75	23.88	23.87		
20	16QAM	1	0	24.06	23.93	23.96	24.7	1
20	16QAM	1	49	23.93	23.81	23.67		
20	16QAM	1	99	23.82	23.83	23.72		
20	16QAM	50	0	23.09	22.94	22.88	23.7	2
20	16QAM	50	24	22.89	22.90	22.77		
20	16QAM	50	50	22.82	22.84	22.76		
20	16QAM	100	0	22.96	22.91	23.03		
20	64QAM	1	0	22.79	22.85	22.73	23.7	2
20	64QAM	1	49	22.77	22.77	22.88		
20	64QAM	1	99	22.79	22.67	22.58		
20	64QAM	50	0	22.03	21.91	21.92	22.7	3
20	64QAM	50	24	21.90	21.93	21.94		
20	64QAM	50	50	21.98	21.86	21.71		
20	64QAM	100	0	21.97	21.87	21.74		
20	256QAM	1	0	19.75	19.86	19.68	20.7	5
20	256QAM	1	49	19.83	19.81	19.78		
20	256QAM	1	99	19.72	19.85	19.58		
20	256QAM	50	0	19.70	19.90	19.89	20.7	5
20	256QAM	50	24	19.86	19.96	19.88		
20	256QAM	50	50	19.68	19.78	19.72		
20	256QAM	100	0	19.80	19.89	19.80		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.61	24.69	24.57	25.7	0
15	QPSK	1	37	24.75	24.70	24.71		
15	QPSK	1	74	24.64	24.83	24.44		
15	QPSK	36	0	23.55	23.86	23.85	24.7	1
15	QPSK	36	20	23.74	23.83	23.81		
15	QPSK	36	39	23.53	23.77	23.63		
15	QPSK	75	0	23.65	23.82	23.76		
15	16QAM	1	0	23.93	23.93	23.76	24.7	1
15	16QAM	1	37	23.83	23.74	23.69		
15	16QAM	1	74	23.75	23.72	23.76		
15	16QAM	36	0	22.94	22.81	22.75	23.7	2
15	16QAM	36	20	22.68	22.76	22.62		
15	16QAM	36	39	22.58	22.66	22.56		
15	16QAM	75	0	22.89	22.79	22.85		
15	64QAM	1	0	22.75	22.65	22.60	23.7	2
15	64QAM	1	37	22.82	22.79	22.92		
15	64QAM	1	74	22.79	22.63	22.55		
15	64QAM	36	0	21.82	21.85	21.97	22.7	3
15	64QAM	36	20	21.72	21.87	21.92		
15	64QAM	36	39	21.96	21.69	21.63		
15	64QAM	75	0	21.73	21.70	21.61		
15	256QAM	1	0	19.68	19.77	19.66	20.7	5
15	256QAM	1	37	19.74	19.58	19.62		
15	256QAM	1	74	19.67	19.89	19.53		
15	256QAM	36	0	19.58	19.93	19.73	20.7	5
15	256QAM	36	20	19.80	19.90	19.86		
15	256QAM	36	39	19.54	19.71	19.59		
15	256QAM	75	0	19.74	19.89	19.71		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.64	24.67	24.62	25.7	0
10	QPSK	1	25	24.80	24.67	24.83		
10	QPSK	1	49	24.76	24.64	24.46		
10	QPSK	25	0	23.82	23.75	23.63	24.7	1
10	QPSK	25	12	23.63	23.75	24.00		
10	QPSK	25	25	23.75	23.65	23.62		
10	QPSK	50	0	23.52	23.85	23.71		
10	16QAM	1	0	23.94	23.79	23.78	24.7	1
10	16QAM	1	25	23.84	23.61	23.60		
10	16QAM	1	49	23.61	23.59	23.59		
10	16QAM	25	0	22.72	22.85	22.67	23.7	2
10	16QAM	25	12	22.76	22.73	22.71		
10	16QAM	25	25	22.73	22.74	22.53		
10	16QAM	50	0	22.93	22.76	22.89		
10	64QAM	1	0	22.70	22.79	22.64	23.7	2
10	64QAM	1	25	22.57	22.57	22.82		
10	64QAM	1	49	22.74	22.49	22.45		
10	64QAM	25	0	22.01	21.89	21.83	22.7	3
10	64QAM	25	12	21.84	21.89	21.98		
10	64QAM	25	25	22.01	21.68	21.64		
10	64QAM	50	0	21.88	21.70	21.64		
10	256QAM	1	0	19.76	19.73	19.69	20.7	5
10	256QAM	1	25	19.88	19.55	19.74		
10	256QAM	1	49	19.84	19.72	19.55		
10	256QAM	25	0	19.76	19.73	19.68	20.7	5
10	256QAM	25	12	19.73	19.77	19.91		
10	256QAM	25	25	19.74	19.67	19.66		
10	256QAM	50	0	19.47	19.78	19.82		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.79	24.79	24.49	25.7	0
5	QPSK	1	12	24.66	24.73	24.61		
5	QPSK	1	24	24.60	24.67	24.54		
5	QPSK	12	0	23.69	23.72	23.75	24.7	1
5	QPSK	12	7	23.76	23.79	23.84		
5	QPSK	12	13	23.54	23.72	23.61		
5	QPSK	25	0	23.59	23.81	23.72		
5	16QAM	1	0	23.83	23.90	24.00	24.7	1
5	16QAM	1	12	23.96	23.76	23.63		
5	16QAM	1	24	23.71	23.67	23.61		
5	16QAM	12	0	22.88	22.79	22.72	23.7	2
5	16QAM	12	7	22.76	22.68	22.64		
5	16QAM	12	13	22.71	22.86	22.62		
5	16QAM	25	0	22.88	22.88	22.90		
5	64QAM	1	0	22.65	22.70	22.55	23.7	2
5	64QAM	1	12	22.78	22.59	22.63		
5	64QAM	1	24	22.60	22.71	22.53		
5	64QAM	12	0	21.89	21.90	21.85	22.7	3
5	64QAM	12	7	21.77	21.84	21.98		
5	64QAM	12	13	22.02	21.70	21.65		
5	64QAM	25	0	21.85	21.92	21.78		
5	256QAM	1	0	19.69	19.75	19.44	20.7	5
5	256QAM	1	12	19.76	19.76	19.67		
5	256QAM	1	24	19.71	19.76	19.46		
5	256QAM	12	0	19.74	19.61	19.68	20.7	5
5	256QAM	12	7	19.71	19.84	19.74		
5	256QAM	12	13	19.59	19.84	19.50		
5	256QAM	25	0	19.52	19.75	19.69		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.27	22.38	22.42	22.26	23.5	0
20	QPSK	1	49	22.28	22.36	22.30	22.24		
20	QPSK	1	99	22.36	22.33	22.18	22.33		
20	QPSK	50	0	21.23	21.42	21.47	21.38	22.5	1
20	QPSK	50	24	21.29	21.33	21.45	21.31		
20	QPSK	50	50	21.22	21.41	21.23	21.46		
20	QPSK	100	0	21.37	21.51	21.63	21.35		
20	16QAM	1	0	21.29	21.17	21.30	21.41	22.5	1
20	16QAM	1	49	21.23	21.27	21.15	21.27		
20	16QAM	1	99	21.31	21.09	21.33	21.09		
20	16QAM	50	0	20.41	20.29	20.38	20.30	21.5	2
20	16QAM	50	24	20.48	20.31	20.40	20.29		
20	16QAM	50	50	20.42	20.42	20.26	20.36		
20	16QAM	100	0	20.51	20.41	20.28	20.50		
20	64QAM	1	0	20.31	20.31	20.24	20.07	21.5	2
20	64QAM	1	49	20.21	20.09	20.15	20.35		
20	64QAM	1	99	20.23	20.44	20.45	20.23		
20	64QAM	50	0	19.29	19.39	19.22	19.23	20.5	3
20	64QAM	50	24	19.29	19.48	19.43	19.36		
20	64QAM	50	50	19.29	19.47	19.46	19.44		
20	64QAM	100	0	19.30	19.52	19.33	19.57		
20	256QAM	1	0	17.24	17.30	17.15	17.33	18.5	5
20	256QAM	1	49	17.38	17.31	17.28	17.22		
20	256QAM	1	99	17.43	17.45	17.22	17.27		
20	256QAM	50	0	17.30	17.57	17.31	17.46	18.5	5
20	256QAM	50	24	17.25	17.40	17.50	17.23		
20	256QAM	50	50	17.20	17.37	17.22	17.44		
20	256QAM	100	0	17.29	17.60	17.37	17.37		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.14	22.06	22.08	22.30	23.5	0
15	QPSK	1	37	22.07	22.15	22.09	22.23		
15	QPSK	1	74	22.35	22.23	21.99	22.13		
15	QPSK	36	0	21.06	21.04	21.29	21.31	22.5	1
15	QPSK	36	20	21.08	21.14	21.28	21.08		
15	QPSK	36	39	21.17	21.34	21.02	21.27		
15	QPSK	75	0	21.39	21.20	21.37	21.15		
15	16QAM	1	0	21.10	21.16	21.27	21.27	22.5	1
15	16QAM	1	37	21.22	21.30	21.11	21.31		
15	16QAM	1	74	21.22	20.97	21.19	21.05		
15	16QAM	36	0	20.44	20.21	20.17	20.10	21.5	2
15	16QAM	36	20	20.42	20.06	20.44	20.32		
15	16QAM	36	39	20.39	20.27	20.12	20.39		
15	16QAM	75	0	20.27	20.31	20.14	20.43		
15	64QAM	1	0	20.31	20.25	20.23	20.17	21.5	2
15	64QAM	1	37	20.23	19.96	20.15	20.35		
15	64QAM	1	74	20.14	20.33	20.33	20.24		
15	64QAM	36	0	19.17	19.19	19.22	19.06	20.5	3
15	64QAM	36	20	19.08	19.38	19.25	19.12		
15	64QAM	36	39	19.16	19.31	19.40	19.34		
15	64QAM	75	0	19.09	19.30	19.11	19.59		
15	256QAM	1	0	17.11	17.05	17.02	17.23	18.5	5
15	256QAM	1	37	17.12	17.09	17.09	17.27		
15	256QAM	1	74	17.24	17.34	17.04	17.16		
15	256QAM	36	0	17.15	17.14	17.31	17.30	18.5	5
15	256QAM	36	20	17.01	17.10	17.21	17.10		
15	256QAM	36	39	17.16	17.33	16.96	17.33		
15	256QAM	75	0	17.30	17.17	17.44	17.19		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.17	22.06	22.09	22.25	23.5	0
10	QPSK	1	25	22.09	22.30	22.07	22.23		
10	QPSK	1	49	22.23	22.35	22.06	22.15		
10	QPSK	25	0	21.06	21.02	21.32	21.36	22.5	1
10	QPSK	25	12	21.04	21.27	21.35	21.11		
10	QPSK	25	25	21.17	21.31	21.18	21.37		
10	QPSK	50	0	21.50	21.29	21.26	21.27		
10	16QAM	1	0	21.24	20.92	21.21	21.22	22.5	1
10	16QAM	1	25	21.00	21.03	21.04	21.20		
10	16QAM	1	49	21.07	21.06	21.17	20.92		
10	16QAM	25	0	20.17	20.22	20.29	20.23	21.5	2
10	16QAM	25	12	20.31	20.07	20.35	20.30		
10	16QAM	25	25	20.31	20.25	20.11	20.37		
10	16QAM	50	0	20.34	20.45	20.32	20.36		
10	64QAM	1	0	20.24	20.07	20.21	19.86	21.5	2
10	64QAM	1	25	20.21	19.86	19.99	20.19		
10	64QAM	1	49	20.12	20.13	20.16	20.06		
10	64QAM	25	0	19.33	19.36	19.14	19.27	20.5	3
10	64QAM	25	12	19.08	19.23	19.38	19.25		
10	64QAM	25	25	19.27	19.42	19.21	19.42		
10	64QAM	50	0	19.22	19.41	19.29	19.51		
10	256QAM	1	0	17.25	17.14	17.13	17.17	18.5	5
10	256QAM	1	25	17.00	17.35	17.05	17.22		
10	256QAM	1	49	17.28	17.26	16.96	17.16		
10	256QAM	25	0	17.13	17.08	17.37	17.36	18.5	5
10	256QAM	25	12	17.10	17.30	17.39	17.17		
10	256QAM	25	25	17.17	17.30	17.15	17.29		
10	256QAM	50	0	17.48	17.39	17.27	17.33		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.26	22.19	22.13	22.27	23.5	0
5	QPSK	1	12	22.29	22.17	22.07	22.03		
5	QPSK	1	24	22.25	22.10	22.19	22.11		
5	QPSK	12	0	21.17	21.15	21.14	21.30	22.5	1
5	QPSK	12	7	21.04	21.33	21.36	21.29		
5	QPSK	12	13	21.24	21.38	21.10	21.31		
5	QPSK	25	0	21.42	21.20	21.26	21.33		
5	16QAM	1	0	21.19	21.09	21.10	21.19	22.5	1
5	16QAM	1	12	21.11	21.03	21.09	21.25		
5	16QAM	1	24	21.24	20.92	21.15	21.10		
5	16QAM	12	0	20.30	20.04	20.40	20.23	21.5	2
5	16QAM	12	7	20.26	20.35	20.42	20.07		
5	16QAM	12	13	20.28	20.27	20.03	20.18		
5	16QAM	25	0	20.48	20.38	20.20	20.47		
5	64QAM	1	0	20.24	20.28	20.16	19.96	21.5	2
5	64QAM	1	12	19.97	19.89	20.01	20.25		
5	64QAM	1	24	20.00	20.25	20.24	20.08		
5	64QAM	12	0	19.13	19.32	19.18	19.14	20.5	3
5	64QAM	12	7	19.33	19.26	19.31	19.40		
5	64QAM	12	13	19.10	19.39	19.29	19.23		
5	64QAM	25	0	19.24	19.31	19.29	19.61		
5	256QAM	1	0	17.30	17.18	17.11	17.39	18.5	5
5	256QAM	1	12	17.24	17.28	17.07	17.13		
5	256QAM	1	24	17.23	17.19	17.13	17.21		
5	256QAM	12	0	17.29	17.27	17.25	17.31	18.5	5
5	256QAM	12	7	17.11	17.24	17.39	17.34		
5	256QAM	12	13	17.35	17.49	17.18	17.23		
5	256QAM	25	0	17.41	17.26	17.27	17.38		

GSM850 Ant0 DSI3

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.86	32.88	33.50	23.72	23.86	23.88	24.50
GPRS 1 Tx slot	32.81	32.87	32.97	33.50	23.81	23.87	23.97	24.50
GPRS 2 Tx slots	29.62	29.40	29.66	30.50	23.62	23.40	23.66	24.50
GPRS 3 Tx slots	27.75	27.77	27.82	28.50	23.49	23.51	23.56	24.24
GPRS 4 Tx slots	26.30	26.58	26.57	27.50	23.30	23.58	23.57	24.50
EDGE 1 Tx slot	26.71	26.70	27.05	27.50	17.71	17.70	18.05	18.50
EDGE 2 Tx slots	23.68	23.63	23.55	24.50	17.68	17.63	17.55	18.50
EDGE 3 Tx slots	21.74	22.01	22.03	23.00	17.48	17.75	17.77	18.74
EDGE 4 Tx slots	20.32	20.64	20.62	21.50	17.32	17.64	17.62	18.50

WCDMA V Ant0 DSI3

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.20	24.31	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.34	24.27	25.00
3GPP Rel 6	HSDPA Subtest-1	23.38	23.19	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.38	23.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.83	22.69	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.77	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.25	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.10	23.36	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.89	22.86	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.84	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.09	23.29	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.36	21.22	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.18	22.53	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.05	21.24	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.36	23.42	24.00

Band 4 Ant0 DSI3

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	22.96	23.04	22.79	24.5	0
20	QPSK	1	49	22.88	22.83	22.94		
20	QPSK	1	99	22.71	22.84	22.80		
20	QPSK	50	0	22.00	22.10	21.85	23.5	1
20	QPSK	50	24	21.96	21.89	21.97		
20	QPSK	50	50	22.04	21.92	21.88		
20	QPSK	100	0	21.91	22.08	21.76		
20	16QAM	1	0	22.17	22.24	22.09	23.5	1
20	16QAM	1	49	22.11	22.17	22.27		
20	16QAM	1	99	22.20	22.32	22.03		
20	16QAM	50	0	20.80	20.86	20.90	22.5	2
20	16QAM	50	24	20.86	20.85	20.98		
20	16QAM	50	50	20.84	20.82	20.81		
20	16QAM	100	0	20.84	20.88	20.84		
20	64QAM	1	0	20.93	21.09	20.99	22.5	2
20	64QAM	1	49	20.96	20.89	20.90		
20	64QAM	1	99	20.71	20.74	21.02		
20	64QAM	50	0	19.82	19.96	19.91	21.5	3
20	64QAM	50	24	19.84	19.85	20.02		
20	64QAM	50	50	19.75	19.78	19.91		
20	64QAM	100	0	19.71	19.93	19.78		
20	256QAM	1	0	17.99	18.11	17.86	19.5	5
20	256QAM	1	49	17.82	17.89	18.03		
20	256QAM	1	99	17.82	17.73	17.88		
20	256QAM	50	0	17.95	17.77	17.94	19.5	5
20	256QAM	50	24	18.12	18.00	17.98		
20	256QAM	50	50	18.05	17.84	17.97		
20	256QAM	100	0	18.03	17.86	17.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	22.82	22.64	24.5	0
15	QPSK	1	37	22.97	22.76	22.88		
15	QPSK	1	74	22.64	22.72	22.73		
15	QPSK	36	0	22.11	22.06	21.94	23.5	1
15	QPSK	36	20	22.29	22.01	22.12		
15	QPSK	36	39	22.10	22.08	21.96		
15	QPSK	75	0	22.14	22.01	21.88		
15	16QAM	1	0	22.09	22.17	22.00	23.5	1
15	16QAM	1	37	21.98	22.06	22.17		
15	16QAM	1	74	22.16	22.21	21.93		
15	16QAM	36	0	20.75	20.83	20.77	22.5	2
15	16QAM	36	20	20.74	20.82	20.87		
15	16QAM	36	39	20.77	20.68	20.66		
15	16QAM	75	0	20.75	20.85	20.73		
15	64QAM	1	0	20.78	20.97	20.84	22.5	2
15	64QAM	1	37	20.91	20.75	20.84		
15	64QAM	1	74	20.65	20.68	20.87		
15	64QAM	36	0	19.74	19.93	19.76	21.5	3
15	64QAM	36	20	19.69	19.77	19.99		
15	64QAM	36	39	19.62	19.68	19.89		
15	64QAM	75	0	19.67	19.88	19.66		
15	256QAM	1	0	17.91	17.82	17.64	19.5	5
15	256QAM	1	37	17.97	17.76	17.88		
15	256QAM	1	74	17.64	17.72	17.73		
15	256QAM	36	0	17.91	17.86	17.74	19.5	5
15	256QAM	36	20	18.09	17.81	17.92		
15	256QAM	36	39	17.90	17.88	17.76		
15	256QAM	75	0	17.94	17.81	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	22.79	22.68	24.5	0
10	QPSK	1	25	22.87	22.87	22.99		
10	QPSK	1	49	22.72	22.80	22.83		
10	QPSK	25	0	22.02	21.97	21.73	23.5	1
10	QPSK	25	12	22.03	21.91	22.02		
10	QPSK	25	25	21.98	21.85	21.82		
10	QPSK	50	0	21.92	21.86	21.56		
10	16QAM	1	0	22.15	22.08	21.89	23.5	1
10	16QAM	1	25	21.99	22.10	22.15		
10	16QAM	1	49	22.15	22.14	21.90		
10	16QAM	25	0	20.68	20.74	20.68	22.5	2
10	16QAM	25	12	20.79	20.77	20.92		
10	16QAM	25	25	20.73	20.71	20.54		
10	16QAM	50	0	20.66	20.85	20.61		
10	64QAM	1	0	20.76	20.98	20.72	22.5	2
10	64QAM	1	25	20.84	20.66	20.89		
10	64QAM	1	49	20.75	20.79	20.82		
10	64QAM	25	0	19.82	20.02	19.81	21.5	3
10	64QAM	25	12	19.62	19.87	19.95		
10	64QAM	25	25	19.56	19.69	19.81		
10	64QAM	50	0	19.79	19.99	19.68		
10	256QAM	1	0	17.93	17.79	17.60	19.5	5
10	256QAM	1	25	17.89	17.74	17.79		
10	256QAM	1	49	17.56	17.68	17.64		
10	256QAM	25	0	17.89	17.95	17.65	19.5	5
10	256QAM	25	12	17.96	17.80	17.92		
10	256QAM	25	25	17.82	17.97	17.72		
10	256QAM	50	0	18.03	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	22.85	22.67	24.5	0
5	QPSK	1	12	22.99	22.72	22.83		
5	QPSK	1	24	22.69	22.75	22.71		
5	QPSK	12	0	21.86	21.76	21.71	23.5	1
5	QPSK	12	7	22.07	21.84	21.86		
5	QPSK	12	13	21.97	21.78	21.78		
5	QPSK	25	0	22.01	21.77	21.71		
5	16QAM	1	0	22.05	22.15	22.04	23.5	1
5	16QAM	1	12	21.96	22.05	22.17		
5	16QAM	1	24	22.05	22.24	21.92		
5	16QAM	12	0	20.75	20.70	20.77	22.5	2
5	16QAM	12	7	20.72	20.74	20.92		
5	16QAM	12	13	20.76	20.79	20.66		
5	16QAM	25	0	20.79	20.79	20.75		
5	64QAM	1	0	20.85	21.05	20.88	22.5	2
5	64QAM	1	12	20.94	20.79	20.85		
5	64QAM	1	24	20.74	20.72	20.95		
5	64QAM	12	0	19.70	19.83	19.80	21.5	3
5	64QAM	12	7	19.70	19.83	19.89		
5	64QAM	12	13	19.69	19.66	19.86		
5	64QAM	25	0	19.63	19.83	19.69		
5	256QAM	1	0	18.00	17.96	17.74	19.5	5
5	256QAM	1	12	17.88	17.83	17.83		
5	256QAM	1	24	17.78	17.66	17.71		
5	256QAM	12	0	17.78	17.71	17.70	19.5	5
5	256QAM	12	7	18.02	17.79	17.95		
5	256QAM	12	13	18.07	17.76	17.78		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.90	22.82	22.76	24.5	0
3	QPSK	1	8	22.98	22.68	22.78		
3	QPSK	1	14	22.63	22.76	22.71		
3	QPSK	8	0	21.97	21.80	21.79	23.5	1
3	QPSK	8	4	22.02	21.80	21.93		
3	QPSK	8	7	21.90	21.88	21.85		
3	QPSK	15	0	22.05	21.86	21.66		
3	16QAM	1	0	22.04	22.18	21.97	23.5	1
3	16QAM	1	8	21.97	22.12	22.12		
3	16QAM	1	14	22.05	22.22	22.00		
3	16QAM	8	0	20.77	20.74	20.81	22.5	2
3	16QAM	8	4	20.83	20.78	20.85		
3	16QAM	8	7	20.80	20.79	20.78		
3	16QAM	15	0	20.70	20.80	20.71		
3	64QAM	1	0	20.89	20.94	20.84	22.5	2
3	64QAM	1	8	20.89	20.82	20.88		
3	64QAM	1	14	20.55	20.71	20.94		
3	64QAM	8	0	19.73	19.81	19.86	21.5	3
3	64QAM	8	4	19.70	19.82	19.91		
3	64QAM	8	7	19.61	19.76	19.88		
3	64QAM	15	0	19.64	19.80	19.66		
3	256QAM	1	0	17.80	17.87	17.73	19.5	5
3	256QAM	1	8	17.93	17.59	17.73		
3	256QAM	1	14	17.73	17.68	17.66		
3	256QAM	8	0	18.03	17.74	17.84	19.5	5
3	256QAM	8	4	17.97	17.88	17.82		
3	256QAM	8	7	17.85	17.84	17.83		
3	256QAM	15	0	18.02	17.83	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.76	22.63	24.5	0
1.4	QPSK	1	3	22.90	22.76	22.82		
1.4	QPSK	1	5	22.61	22.73	22.77		
1.4	QPSK	3	0	22.94	22.79	22.82		
1.4	QPSK	3	1	22.99	22.78	22.82		
1.4	QPSK	3	3	22.99	22.79	22.72		
1.4	QPSK	6	0	21.94	21.86	21.62	23.5	1
1.4	16QAM	1	0	21.79	21.80	21.69	23.5	1
1.4	16QAM	1	3	21.70	21.69	21.79		
1.4	16QAM	1	5	21.80	21.86	21.67		
1.4	16QAM	3	0	21.65	21.82	21.84		
1.4	16QAM	3	1	21.71	21.74	21.90		
1.4	16QAM	3	3	21.81	21.74	21.74		
1.4	16QAM	6	0	20.74	20.73	20.78	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.51	22.5	2
1.4	64QAM	1	3	20.68	20.67	20.72		
1.4	64QAM	1	5	20.63	20.76	20.67		
1.4	64QAM	3	0	20.72	20.82	20.76		
1.4	64QAM	3	1	20.80	20.82	20.97		
1.4	64QAM	3	3	20.71	20.73	20.84		
1.4	64QAM	6	0	19.57	19.88	19.75	21.5	3
1.4	256QAM	1	0	17.89	17.65	17.62	19.5	5
1.4	256QAM	1	3	17.94	17.76	17.71		
1.4	256QAM	1	5	17.61	17.64	17.78		
1.4	256QAM	3	0	17.72	17.70	17.76		
1.4	256QAM	3	1	17.81	17.72	17.72		
1.4	256QAM	3	3	17.87	17.71	17.71		
1.4	256QAM	6	0	17.86	17.82	17.71	19.5	5

Band 5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.17	24.24	24.20	25.5	0
10	QPSK	1	25	24.12	24.20	24.04		
10	QPSK	1	49	23.88	24.10	24.06		
10	QPSK	25	0	23.23	23.32	23.17	24.5	1
10	QPSK	25	12	23.31	23.13	23.23		
10	QPSK	25	25	23.27	23.26	23.24		
10	QPSK	50	0	23.22	23.26	23.21		
10	16QAM	1	0	23.58	23.68	23.56	24.5	1
10	16QAM	1	25	23.52	23.45	23.30		
10	16QAM	1	49	23.44	23.57	23.52		
10	16QAM	25	0	22.24	22.23	22.10	23.5	2
10	16QAM	25	12	22.24	22.18	22.24		
10	16QAM	25	25	22.26	22.14	22.27		
10	16QAM	50	0	22.28	22.20	22.31		
10	64QAM	1	0	22.37	22.59	22.39	23.5	2
10	64QAM	1	25	22.64	22.37	22.46		
10	64QAM	1	49	22.54	22.57	22.44		
10	64QAM	25	0	21.28	21.22	21.13	22.5	3
10	64QAM	25	12	21.33	21.10	21.35		
10	64QAM	25	25	21.33	21.21	21.32		
10	64QAM	50	0	21.21	21.12	21.23		
10	256QAM	1	0	19.14	19.17	19.22	20.5	5
10	256QAM	1	25	19.19	19.27	19.11		
10	256QAM	1	49	18.94	19.20	19.11		
10	256QAM	25	0	19.22	19.31	19.11	20.5	5
10	256QAM	25	12	19.38	19.04	19.28		
10	256QAM	25	25	19.29	19.18	19.33		
10	256QAM	50	0	19.29	19.34	19.15		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.13	24.07	24.05	25.5	0
5	QPSK	1	12	24.11	24.10	23.91		
5	QPSK	1	24	23.77	23.94	23.97		
5	QPSK	12	0	23.08	23.17	23.12	24.5	1
5	QPSK	12	7	23.25	23.04	23.16		
5	QPSK	12	13	23.18	23.18	23.12		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.44	23.56	23.42	24.5	1
5	16QAM	1	12	23.47	23.34	23.25		
5	16QAM	1	24	23.29	23.53	23.44		
5	16QAM	12	0	22.10	22.09	22.01	23.5	2
5	16QAM	12	7	22.18	22.14	22.10		
5	16QAM	12	13	22.19	22.09	22.13		
5	16QAM	25	0	22.18	22.06	22.25		
5	64QAM	1	0	22.30	22.51	22.27	23.5	2
5	64QAM	1	12	22.52	22.29	22.32		
5	64QAM	1	24	22.45	22.48	22.33		
5	64QAM	12	0	21.18	21.14	21.07	22.5	3
5	64QAM	12	7	21.18	21.05	21.29		
5	64QAM	12	13	21.26	21.05	21.27		
5	64QAM	25	0	21.14	21.05	21.13		
5	256QAM	1	0	19.17	19.14	19.05	20.5	5
5	256QAM	1	12	19.04	19.19	18.88		
5	256QAM	1	24	18.80	18.86	19.01		
5	256QAM	12	0	19.02	19.10	19.20	20.5	5
5	256QAM	12	7	19.28	18.98	19.23		
5	256QAM	12	13	19.28	19.27	19.09		
5	256QAM	25	0	19.04	19.14	19.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.01	24.05	24.07	25.5	0
3	QPSK	1	8	24.14	24.06	23.96		
3	QPSK	1	14	23.75	24.00	23.91		
3	QPSK	8	0	23.17	23.19	23.09	24.5	1
3	QPSK	8	4	23.24	22.97	23.15		
3	QPSK	8	7	23.18	23.17	23.19		
3	QPSK	15	0	23.11	23.05	23.19		
3	16QAM	1	0	23.51	23.58	23.49	24.5	1
3	16QAM	1	8	23.39	23.32	23.22		
3	16QAM	1	14	23.33	23.52	23.45		
3	16QAM	8	0	22.09	22.16	21.96	23.5	2
3	16QAM	8	4	22.14	22.13	22.16		
3	16QAM	8	7	22.12	22.09	22.18		
3	16QAM	15	0	22.15	22.08	22.22		
3	64QAM	1	0	22.32	22.48	22.24	23.5	2
3	64QAM	1	8	22.59	22.26	22.32		
3	64QAM	1	14	22.45	22.49	22.39		
3	64QAM	8	0	21.17	21.11	21.06	22.5	3
3	64QAM	8	4	21.24	21.02	21.31		
3	64QAM	8	7	21.22	21.10	21.24		
3	64QAM	15	0	21.14	21.07	21.17		
3	256QAM	1	0	19.10	19.13	19.01	20.5	5
3	256QAM	1	8	19.03	19.01	19.08		
3	256QAM	1	14	18.74	18.98	18.95		
3	256QAM	8	0	19.10	19.19	19.19	20.5	5
3	256QAM	8	4	19.18	18.85	19.09		
3	256QAM	8	7	19.20	19.13	19.15		
3	256QAM	15	0	19.03	18.95	19.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.07	23.97	24.06	25.5	0
1.4	QPSK	1	3	24.14	24.06	23.99		
1.4	QPSK	1	5	23.85	23.98	23.94		
1.4	QPSK	3	0	23.96	24.00	23.91		
1.4	QPSK	3	1	23.98	23.78	23.91		
1.4	QPSK	3	3	24.01	23.99	23.95		
1.4	QPSK	6	0	23.07	23.08	23.13	24.5	1
1.4	16QAM	1	0	23.46	23.60	23.49	24.5	1
1.4	16QAM	1	3	23.41	23.39	23.25		
1.4	16QAM	1	5	23.40	23.49	23.47		
1.4	16QAM	3	0	22.90	22.96	22.79		
1.4	16QAM	3	1	22.96	22.87	22.95		
1.4	16QAM	3	3	22.99	22.88	22.96		
1.4	16QAM	6	0	22.24	22.07	22.26	23.5	2
1.4	64QAM	1	0	22.32	22.46	22.31	23.5	2
1.4	64QAM	1	3	22.53	22.24	22.38		
1.4	64QAM	1	5	22.46	22.47	22.40		
1.4	64QAM	3	0	22.00	21.90	21.83		
1.4	64QAM	3	1	22.02	21.84	22.05		
1.4	64QAM	3	3	22.00	21.88	22.04		
1.4	64QAM	6	0	21.15	21.08	21.12	22.5	3
1.4	256QAM	1	0	19.15	19.02	19.11	20.5	5
1.4	256QAM	1	3	19.18	18.98	18.90		
1.4	256QAM	1	5	18.94	18.97	18.90		
1.4	256QAM	3	0	19.19	19.13	19.17		
1.4	256QAM	3	1	19.07	18.95	19.15		
1.4	256QAM	3	3	19.31	19.24	19.24		
1.4	256QAM	6	0	19.18	18.97	19.25	20.5	5

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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	20.09	20.45	20.16	21.5	0
20	QPSK	1	49	20.15	20.12	20.22		
20	QPSK	1	99	20.08	20.18	20.39		
20	QPSK	50	0	19.94	20.33	20.02	21.5	0
20	QPSK	50	24	20.13	20.08	20.23		
20	QPSK	50	50	20.17	20.30	20.29		
20	QPSK	100	0	20.02	20.10	19.91		
20	16QAM	1	0	20.27	20.04	20.28	21.5	0
20	16QAM	1	49	20.33	20.07	20.38		
20	16QAM	1	99	20.03	20.03	19.92		
20	16QAM	50	0	20.19	20.20	20.29	21.5	0
20	16QAM	50	24	20.20	20.04	20.28		
20	16QAM	50	50	20.14	20.12	20.34		
20	16QAM	100	0	20.20	20.16	19.91		
20	64QAM	1	0	20.28	20.08	20.32	21.5	0
20	64QAM	1	49	20.38	20.09	20.44		
20	64QAM	1	99	20.13	20.16	20.03		
20	64QAM	50	0	20.10	20.11	20.25	21.5	0
20	64QAM	50	24	20.30	20.14	20.29		
20	64QAM	50	50	20.14	20.11	20.06		
20	64QAM	100	0	20.17	20.06	20.35		
20	256QAM	1	0	18.08	18.37	18.23	19.5	2
20	256QAM	1	49	18.15	18.14	18.11		
20	256QAM	1	99	18.05	18.06	18.28		
20	256QAM	50	0	18.05	18.25	18.05	19.5	2
20	256QAM	50	24	18.11	18.00	18.20		
20	256QAM	50	50	18.13	18.41	18.32		
20	256QAM	100	0	17.99	18.20	17.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.89	20.27	20.15	21.5	0
15	QPSK	1	37	19.93	19.91	20.08		
15	QPSK	1	74	19.95	19.94	20.21		
15	QPSK	36	0	19.85	20.15	20.01	21.5	0
15	QPSK	36	20	19.91	19.93	20.17		
15	QPSK	36	39	20.02	20.09	20.07		
15	QPSK	75	0	19.84	20.06	19.72		
15	16QAM	1	0	20.16	19.83	20.05	21.5	0
15	16QAM	1	37	20.12	19.83	20.27		
15	16QAM	1	74	19.91	19.89	19.79		
15	16QAM	36	0	20.12	20.07	20.13	21.5	0
15	16QAM	36	20	19.99	19.89	20.24		
15	16QAM	36	39	20.01	19.94	20.19		
15	16QAM	75	0	20.16	20.05	19.77		
15	64QAM	1	0	20.21	20.07	20.24	21.5	0
15	64QAM	1	37	20.26	19.98	20.30		
15	64QAM	1	74	20.11	20.00	19.97		
15	64QAM	36	0	19.98	20.01	20.24	21.5	0
15	64QAM	36	20	20.20	19.90	20.07		
15	64QAM	36	39	20.08	20.07	19.88		
15	64QAM	75	0	20.08	19.87	20.33		
15	256QAM	1	0	17.89	18.22	18.01	19.5	2
15	256QAM	1	37	18.04	18.10	18.10		
15	256QAM	1	74	17.87	17.92	18.15		
15	256QAM	36	0	17.75	18.02	18.05	19.5	2
15	256QAM	36	20	18.00	17.96	17.98		
15	256QAM	36	39	18.08	18.20	18.15		
15	256QAM	75	0	17.94	18.08	17.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.91	20.42	20.01	21.5	0
10	QPSK	1	25	20.04	20.04	20.08		
10	QPSK	1	49	20.07	20.10	20.34		
10	QPSK	25	0	19.93	20.20	19.79	21.5	0
10	QPSK	25	12	20.06	20.00	20.03		
10	QPSK	25	25	20.13	20.17	20.07		
10	QPSK	50	0	19.90	20.01	19.86		
10	16QAM	1	0	20.12	19.85	20.25	21.5	0
10	16QAM	1	25	20.29	19.98	20.22		
10	16QAM	1	49	19.88	19.85	19.77		
10	16QAM	25	0	19.99	20.03	20.22	21.5	0
10	16QAM	25	12	19.99	19.93	20.05		
10	16QAM	25	25	20.06	20.01	20.29		
10	16QAM	50	0	20.14	20.14	19.74		
10	64QAM	1	0	20.16	20.04	20.23	21.5	0
10	64QAM	1	25	20.36	19.94	20.41		
10	64QAM	1	49	19.95	20.00	19.80		
10	64QAM	25	0	19.92	19.95	20.03	21.5	0
10	64QAM	25	12	20.17	19.93	20.11		
10	64QAM	25	25	20.06	19.94	20.02		
10	64QAM	50	0	20.00	19.97	20.14		
10	256QAM	1	0	18.03	18.20	18.16	19.5	2
10	256QAM	1	25	18.06	18.00	18.08		
10	256QAM	1	49	17.92	18.01	18.10		
10	256QAM	25	0	17.76	18.21	17.97	19.5	2
10	256QAM	25	12	17.92	17.94	18.04		
10	256QAM	25	25	18.03	18.24	18.31		
10	256QAM	50	0	17.81	18.13	17.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.86	20.35	20.08	21.5	0
5	QPSK	1	12	19.97	20.11	19.99		
5	QPSK	1	24	19.89	20.13	20.34		
5	QPSK	12	0	19.75	20.20	19.97	21.5	0
5	QPSK	12	7	20.06	20.00	20.11		
5	QPSK	12	13	19.96	20.29	20.18		
5	QPSK	25	0	19.89	19.91	19.85		
5	16QAM	1	0	20.24	19.82	20.21	21.5	0
5	16QAM	1	12	20.14	19.87	20.21		
5	16QAM	1	24	19.94	19.87	19.75		
5	16QAM	12	0	20.06	20.09	20.09	21.5	0
5	16QAM	12	7	20.06	19.90	20.25		
5	16QAM	12	13	19.98	20.02	20.10		
5	16QAM	25	0	19.96	20.07	19.75		
5	64QAM	1	0	20.12	19.94	20.24	21.5	0
5	64QAM	1	12	20.17	19.89	20.33		
5	64QAM	1	24	19.90	20.13	19.91		
5	64QAM	12	0	20.01	19.92	20.17	21.5	0
5	64QAM	12	7	20.16	20.11	20.22		
5	64QAM	12	13	20.04	20.00	20.06		
5	64QAM	25	0	20.17	19.99	20.27		
5	256QAM	1	0	17.94	18.29	18.14	19.5	2
5	256QAM	1	12	18.02	18.01	17.97		
5	256QAM	1	24	17.96	17.92	18.14		
5	256QAM	12	0	17.92	18.04	17.92	19.5	2
5	256QAM	12	7	17.96	17.88	18.18		
5	256QAM	12	13	18.01	18.29	18.13		
5	256QAM	25	0	17.95	18.16	17.77		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.26	24.54	24.23	25.5	0
10	QPSK	1	25	24.35	24.42	24.32		
10	QPSK	1	49	24.41	24.41	24.49		
10	QPSK	25	0	23.36	23.54	23.35	24.5	1
10	QPSK	25	12	23.49	23.51	23.44		
10	QPSK	25	25	23.53	23.49	23.44		
10	QPSK	50	0	23.44	23.51	23.41		
10	16QAM	1	0	23.88	23.90	23.85	24.5	1
10	16QAM	1	25	23.84	23.81	23.84		
10	16QAM	1	49	23.77	23.76	23.98		
10	16QAM	25	0	22.50	22.51	22.43	23.5	2
10	16QAM	25	12	22.52	22.55	22.35		
10	16QAM	25	25	22.50	22.55	22.53		
10	16QAM	50	0	22.55	22.52	22.41		
10	64QAM	1	0	22.64	22.67	22.63	23.5	2
10	64QAM	1	25	22.69	22.86	22.79		
10	64QAM	1	49	22.65	22.53	22.70		
10	64QAM	25	0	21.45	21.49	21.48	22.5	3
10	64QAM	25	12	21.56	21.49	21.37		
10	64QAM	25	25	21.52	21.57	21.42		
10	64QAM	50	0	21.33	21.41	21.36		
10	256QAM	1	0	19.34	19.54	19.26	20.5	5
10	256QAM	1	25	19.25	19.53	19.41		
10	256QAM	1	49	19.49	19.31	19.38		
10	256QAM	25	0	19.47	19.50	19.32	20.5	5
10	256QAM	25	12	19.56	19.57	19.53		
10	256QAM	25	25	19.58	19.59	19.32		
10	256QAM	50	0	19.55	19.40	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.21	24.23	24.15	25.5	0
5	QPSK	1	12	24.47	24.38	24.22		
5	QPSK	1	24	24.36	24.29	24.43		
5	QPSK	12	0	23.31	23.28	23.27	24.5	1
5	QPSK	12	7	23.39	23.46	23.32		
5	QPSK	12	13	23.39	23.45	23.30		
5	QPSK	25	0	23.46	23.39	23.30		
5	16QAM	1	0	23.74	23.83	23.70	24.5	1
5	16QAM	1	12	23.69	23.68	23.79		
5	16QAM	1	24	23.69	23.61	23.84		
5	16QAM	12	0	22.42	22.35	22.34	23.5	2
5	16QAM	12	7	22.43	22.42	22.24		
5	16QAM	12	13	22.35	22.45	22.48		
5	16QAM	25	0	22.50	22.39	22.31		
5	64QAM	1	0	22.54	22.63	22.53	23.5	2
5	64QAM	1	12	22.56	22.76	22.71		
5	64QAM	1	24	22.54	22.47	22.62		
5	64QAM	12	0	21.41	21.38	21.34	22.5	3
5	64QAM	12	7	21.48	21.38	21.26		
5	64QAM	12	13	21.44	21.48	21.35		
5	64QAM	25	0	21.24	21.37	21.23		
5	256QAM	1	0	19.13	19.29	19.24	20.5	5
5	256QAM	1	12	19.52	19.43	19.16		
5	256QAM	1	24	19.25	19.30	19.39		
5	256QAM	12	0	19.38	19.17	19.29	20.5	5
5	256QAM	12	7	19.33	19.50	19.26		
5	256QAM	12	13	19.36	19.56	19.40		
5	256QAM	25	0	19.40	19.35	19.33		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.15	24.26	24.16	25.5	0
3	QPSK	1	8	24.49	24.29	24.21		
3	QPSK	1	14	24.30	24.28	24.33		
3	QPSK	8	0	23.27	23.31	23.24	24.5	1
3	QPSK	8	4	23.41	23.43	23.29		
3	QPSK	8	7	23.43	23.43	23.34		
3	QPSK	15	0	23.40	23.35	23.26		
3	16QAM	1	0	23.80	23.78	23.79	24.5	1
3	16QAM	1	8	23.71	23.73	23.69		
3	16QAM	1	14	23.66	23.71	23.92		
3	16QAM	8	0	22.44	22.43	22.37	23.5	2
3	16QAM	8	4	22.47	22.49	22.25		
3	16QAM	8	7	22.42	22.49	22.47		
3	16QAM	15	0	22.46	22.40	22.31		
3	64QAM	1	0	22.49	22.62	22.58	23.5	2
3	64QAM	1	8	22.54	22.81	22.74		
3	64QAM	1	14	22.53	22.41	22.54		
3	64QAM	8	0	21.33	21.41	21.35	22.5	3
3	64QAM	8	4	21.46	21.44	21.27		
3	64QAM	8	7	21.40	21.50	21.37		
3	64QAM	15	0	21.18	21.25	21.26		
3	256QAM	1	0	19.08	19.35	19.13	20.5	5
3	256QAM	1	8	19.44	19.23	19.32		
3	256QAM	1	14	19.20	19.20	19.39		
3	256QAM	8	0	19.38	19.38	19.25	20.5	5
3	256QAM	8	4	19.38	19.34	19.20		
3	256QAM	8	7	19.39	19.36	19.39		
3	256QAM	15	0	19.44	19.30	19.20		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.17	24.30	24.10	25.5	0
1.4	QPSK	1	3	24.42	24.34	24.25		
1.4	QPSK	1	5	24.32	24.26	24.38		
1.4	QPSK	3	0	24.19	24.26	24.13		
1.4	QPSK	3	1	24.24	24.36	24.23		
1.4	QPSK	3	3	24.31	24.39	24.29		
1.4	QPSK	6	0	23.43	23.31	23.31	24.5	1
1.4	16QAM	1	0	23.76	23.83	23.72	24.5	1
1.4	16QAM	1	3	23.78	23.66	23.71		
1.4	16QAM	1	5	23.62	23.68	23.94		
1.4	16QAM	3	0	23.32	23.27	23.18		
1.4	16QAM	3	1	23.28	23.31	23.14		
1.4	16QAM	3	3	23.34	23.29	23.36		
1.4	16QAM	6	0	22.50	22.40	22.25	23.5	2
1.4	64QAM	1	0	22.59	22.54	22.48	23.5	2
1.4	64QAM	1	3	22.59	22.73	22.68		
1.4	64QAM	1	5	22.56	22.46	22.59		
1.4	64QAM	3	0	22.20	22.33	22.30		
1.4	64QAM	3	1	22.35	22.35	22.18		
1.4	64QAM	3	3	22.31	22.41	22.24		
1.4	64QAM	6	0	21.27	21.32	21.26	22.5	3
1.4	256QAM	1	0	19.12	19.29	19.20	20.5	5
1.4	256QAM	1	3	19.43	19.36	19.34		
1.4	256QAM	1	5	19.35	19.31	19.46		
1.4	256QAM	3	0	19.08	19.27	19.18		
1.4	256QAM	3	1	19.16	19.28	19.23		
1.4	256QAM	3	3	19.36	19.38	19.18		
1.4	256QAM	6	0	19.32	19.35	19.32	20.5	5

Band 13 Ant0 DSI3

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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.54		25.5	0
10	QPSK	1	25		24.43			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.63		24.5	1
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.51			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.49		24.5	1
10	16QAM	1	25		23.45			
10	16QAM	1	49		23.54			
10	16QAM	25	0		22.55		23.5	2
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.64			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.65		23.5	2
10	64QAM	1	25		22.67			
10	64QAM	1	49		22.70			
10	64QAM	25	0		21.55		22.5	3
10	64QAM	25	12		21.56			
10	64QAM	25	25		21.62			
10	64QAM	50	0		21.53			
10	256QAM	1	0		19.38		20.5	5
10	256QAM	1	25		19.39			
10	256QAM	1	49		19.17			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.24			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.50	24.47	25.5	0
5	QPSK	1	12	24.37	24.48	24.49		
5	QPSK	1	24	24.48	24.48	24.50		
5	QPSK	12	0	23.46	23.50	23.51	24.5	1
5	QPSK	12	7	23.60	23.54	23.54		
5	QPSK	12	13	23.56	23.59	23.58		
5	QPSK	25	0	23.53	23.50	23.47		
5	16QAM	1	0	23.49	23.55	23.47	24.5	1
5	16QAM	1	12	23.55	23.60	23.58		
5	16QAM	1	24	23.51	23.49	23.55		
5	16QAM	12	0	22.53	22.59	22.61	23.5	2
5	16QAM	12	7	22.68	22.61	22.64		
5	16QAM	12	13	22.63	22.69	22.66		
5	16QAM	25	0	22.60	22.51	22.54		
5	64QAM	1	0	22.60	22.77	22.75	23.5	2
5	64QAM	1	12	22.79	22.81	22.79		
5	64QAM	1	24	22.61	22.71	22.66		
5	64QAM	12	0	21.51	21.55	21.51	22.5	3
5	64QAM	12	7	21.65	21.52	21.57		
5	64QAM	12	13	21.60	21.63	21.61		
5	64QAM	25	0	21.55	21.51	21.53		
5	256QAM	1	0	19.28	19.43	19.20	20.5	5
5	256QAM	1	12	19.12	19.38	19.33		
5	256QAM	1	24	19.40	19.22	19.32		
5	256QAM	12	0	19.34	19.39	19.25	20.5	5
5	256QAM	12	7	19.47	19.47	19.40		
5	256QAM	12	13	19.51	19.42	19.14		
5	256QAM	25	0	19.47	19.30	19.23		

Band 17 Ant0 DSI3

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.23	24.06	25.5	0
10	QPSK	1	25	24.08	23.99	24.17		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	23.12	23.26	23.22	24.5	1
10	QPSK	25	12	23.24	23.17	23.23		
10	QPSK	25	25	23.23	23.23	23.21		
10	QPSK	50	0	23.12	23.22	23.19		
10	16QAM	1	0	23.42	23.48	23.31	24.5	1
10	16QAM	1	25	23.61	23.41	23.35		
10	16QAM	1	49	23.62	23.62	23.51		
10	16QAM	25	0	22.19	22.16	22.25	23.5	2
10	16QAM	25	12	22.31	22.14	22.26		
10	16QAM	25	25	22.21	22.25	22.16		
10	16QAM	50	0	22.25	22.13	22.20		
10	64QAM	1	0	22.23	22.04	22.21	23.5	2
10	64QAM	1	25	22.29	22.29	22.18		
10	64QAM	1	49	22.14	22.39	22.33		
10	64QAM	25	0	21.15	21.15	21.08	22.5	3
10	64QAM	25	12	21.26	21.28	21.25		
10	64QAM	25	25	21.16	21.17	21.23		
10	64QAM	50	0	21.17	21.16	21.16		
10	256QAM	1	0	18.96	19.22	18.91	20.5	5
10	256QAM	1	25	18.94	19.22	19.06		
10	256QAM	1	49	19.22	18.94	19.10		
10	256QAM	25	0	19.21	19.22	19.05	20.5	5
10	256QAM	25	12	19.28	19.29	19.16		
10	256QAM	25	25	19.25	19.23	19.03		
10	256QAM	50	0	19.21	19.08	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.06	24.01	23.99	25.5	0
5	QPSK	1	12	23.99	23.85	24.01		
5	QPSK	1	24	23.93	24.10	23.84		
5	QPSK	12	0	22.96	23.02	23.14	24.5	1
5	QPSK	12	7	23.13	23.03	23.12		
5	QPSK	12	13	23.12	23.12	23.16		
5	QPSK	25	0	23.14	23.03	23.05		
5	16QAM	1	0	23.29	23.35	23.26	24.5	1
5	16QAM	1	12	23.46	23.29	23.24		
5	16QAM	1	24	23.50	23.54	23.46		
5	16QAM	12	0	22.11	22.09	22.14	23.5	2
5	16QAM	12	7	22.19	22.03	22.16		
5	16QAM	12	13	22.07	22.14	22.06		
5	16QAM	25	0	22.14	22.02	22.15		
5	64QAM	1	0	22.10	21.99	22.12	23.5	2
5	64QAM	1	12	22.24	22.19	22.14		
5	64QAM	1	24	22.00	22.29	22.20		
5	64QAM	12	0	21.06	21.04	20.99	22.5	3
5	64QAM	12	7	21.17	21.16	21.13		
5	64QAM	12	13	21.03	21.03	21.08		
5	64QAM	25	0	21.02	21.07	21.04		
5	256QAM	1	0	19.07	19.17	18.99	20.5	5
5	256QAM	1	12	18.88	19.14	19.13		
5	256QAM	1	24	19.22	19.03	19.02		
5	256QAM	12	0	19.20	19.21	18.98	20.5	5
5	256QAM	12	7	19.18	19.28	19.16		
5	256QAM	12	13	19.27	19.31	18.97		
5	256QAM	25	0	19.27	19.03	19.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.35	24.21	25.5	0
15	QPSK	1	37	24.26	24.31	24.32		
15	QPSK	1	74	24.27	24.25	24.17		
15	QPSK	36	0	23.30	23.41	23.28	24.5	1
15	QPSK	36	20	23.36	23.34	23.28		
15	QPSK	36	39	23.36	23.33	23.34		
15	QPSK	75	0	23.34	23.37	23.30		
15	16QAM	1	0	23.17	23.21	23.27	24.5	1
15	16QAM	1	37	23.08	23.43	23.39		
15	16QAM	1	74	23.22	23.24	23.06		
15	16QAM	36	0	22.33	22.39	22.32	23.5	2
15	16QAM	36	20	22.40	22.38	22.30		
15	16QAM	36	39	22.39	22.40	22.38		
15	16QAM	75	0	22.37	22.36	22.32		
15	64QAM	1	0	22.42	22.47	22.49	23.5	2
15	64QAM	1	37	22.48	22.67	22.54		
15	64QAM	1	74	22.42	22.54	22.43		
15	64QAM	36	0	21.34	21.39	21.32	22.5	3
15	64QAM	36	20	21.38	21.36	21.27		
15	64QAM	36	39	21.40	21.42	21.38		
15	64QAM	75	0	21.40	21.36	21.32		
15	256QAM	1	0	19.12	19.25	18.96	20.5	5
15	256QAM	1	37	18.99	19.30	19.16		
15	256QAM	1	74	19.29	19.07	19.20		
15	256QAM	36	0	19.18	19.26	19.14	20.5	5
15	256QAM	36	20	19.36	19.31	19.35		
15	256QAM	36	39	19.28	19.38	19.07		
15	256QAM	75	0	19.27	19.16	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.03	24.09	24.28	25.5	0
10	QPSK	1	25	24.02	24.17	24.16		
10	QPSK	1	49	24.11	24.14	24.17		
10	QPSK	25	0	23.32	23.32	23.04	24.5	1
10	QPSK	25	12	23.34	23.19	23.15		
10	QPSK	25	25	23.25	23.18	23.36		
10	QPSK	50	0	23.21	23.12	23.24		
10	16QAM	1	0	23.12	23.01	23.30	24.5	1
10	16QAM	1	25	22.83	23.32	23.15		
10	16QAM	1	49	23.16	23.14	22.91		
10	16QAM	25	0	22.13	22.16	22.33	23.5	2
10	16QAM	25	12	22.32	22.26	22.33		
10	16QAM	25	25	22.24	22.22	22.22		
10	16QAM	50	0	22.22	22.11	22.24		
10	64QAM	1	0	22.37	22.34	22.32	23.5	2
10	64QAM	1	25	22.25	22.48	22.29		
10	64QAM	1	49	22.44	22.54	22.44		
10	64QAM	25	0	21.35	21.37	21.16	22.5	3
10	64QAM	25	12	21.31	21.34	21.27		
10	64QAM	25	25	21.20	21.21	21.36		
10	64QAM	50	0	21.35	21.13	21.08		
10	256QAM	1	0	19.13	19.30	18.99	20.5	5
10	256QAM	1	25	19.05	19.32	19.13		
10	256QAM	1	49	19.29	19.01	19.09		
10	256QAM	25	0	19.18	19.19	19.06	20.5	5
10	256QAM	25	12	19.26	19.32	19.23		
10	256QAM	25	25	19.39	19.41	19.02		
10	256QAM	50	0	19.35	19.22	19.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.06	24.18	25.5	0
5	QPSK	1	12	24.04	24.33	24.10		
5	QPSK	1	24	24.16	24.06	24.09		
5	QPSK	12	0	23.19	23.18	23.22	24.5	1
5	QPSK	12	7	23.28	23.16	23.14		
5	QPSK	12	13	23.22	23.26	23.11		
5	QPSK	25	0	23.32	23.30	23.19		
5	16QAM	1	0	23.02	22.98	23.26	24.5	1
5	16QAM	1	12	22.87	23.27	23.23		
5	16QAM	1	24	22.99	23.11	22.99		
5	16QAM	12	0	22.13	22.22	22.19	23.5	2
5	16QAM	12	7	22.40	22.38	22.35		
5	16QAM	12	13	22.26	22.35	22.25		
5	16QAM	25	0	22.20	22.17	22.28		
5	64QAM	1	0	22.45	22.30	22.28	23.5	2
5	64QAM	1	12	22.38	22.67	22.52		
5	64QAM	1	24	22.37	22.56	22.19		
5	64QAM	12	0	21.20	21.41	21.18	22.5	3
5	64QAM	12	7	21.17	21.25	21.19		
5	64QAM	12	13	21.31	21.32	21.19		
5	64QAM	25	0	21.31	21.34	21.18		
5	256QAM	1	0	19.09	19.25	19.04	20.5	5
5	256QAM	1	12	19.00	19.31	19.19		
5	256QAM	1	24	19.30	19.07	19.11		
5	256QAM	12	0	19.23	19.23	19.07	20.5	5
5	256QAM	12	7	19.30	19.39	19.31		
5	256QAM	12	13	19.31	19.36	19.02		
5	256QAM	25	0	19.37	19.14	19.05		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.96	23.97	24.22	25.5	0
3	QPSK	1	8	24.26	24.19	24.08		
3	QPSK	1	14	24.05	24.23	24.03		
3	QPSK	8	0	23.34	23.37	23.29	24.5	1
3	QPSK	8	4	23.14	23.28	23.21		
3	QPSK	8	7	23.29	23.26	23.29		
3	QPSK	15	0	23.24	23.27	23.07		
3	16QAM	1	0	23.20	23.24	23.13	24.5	1
3	16QAM	1	8	22.93	23.18	23.43		
3	16QAM	1	14	23.11	23.05	23.05		
3	16QAM	8	0	22.27	22.32	22.12	23.5	2
3	16QAM	8	4	22.19	22.29	22.26		
3	16QAM	8	7	22.44	22.42	22.36		
3	16QAM	15	0	22.30	22.31	22.07		
3	64QAM	1	0	22.34	22.33	22.32	23.5	2
3	64QAM	1	8	22.37	22.45	22.31		
3	64QAM	1	14	22.45	22.50	22.25		
3	64QAM	8	0	21.23	21.36	21.24	22.5	3
3	64QAM	8	4	21.31	21.22	21.26		
3	64QAM	8	7	21.42	21.30	21.37		
3	64QAM	15	0	21.19	21.35	21.17		
3	256QAM	1	0	19.03	19.24	18.99	20.5	5
3	256QAM	1	8	19.02	19.25	19.15		
3	256QAM	1	14	19.29	19.04	19.14		
3	256QAM	8	0	19.18	19.22	19.03	20.5	5
3	256QAM	8	4	19.28	19.38	19.28		
3	256QAM	8	7	19.38	19.32	19.09		
3	256QAM	15	0	19.33	19.14	19.11		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.95	23.97	24.23	25.5	0
1.4	QPSK	1	3	23.87	24.14	23.92		
1.4	QPSK	1	5	24.06	24.04	23.94		
1.4	QPSK	3	0	23.84	23.81	24.03		
1.4	QPSK	3	1	24.12	23.94	23.89		
1.4	QPSK	3	3	24.10	24.19	23.91		
1.4	QPSK	6	0	23.14	23.18	23.23	24.5	1
1.4	16QAM	1	0	23.15	23.19	23.07	24.5	1
1.4	16QAM	1	3	23.12	23.04	23.12		
1.4	16QAM	1	5	23.14	23.23	23.01		
1.4	16QAM	3	0	22.99	23.02	23.23		
1.4	16QAM	3	1	22.79	23.14	23.06		
1.4	16QAM	3	3	23.03	22.89	22.87		
1.4	16QAM	6	0	22.01	22.17	21.94	23.5	2
1.4	64QAM	1	0	22.32	22.34	22.36	23.5	2
1.4	64QAM	1	3	22.07	22.36	22.29		
1.4	64QAM	1	5	21.97	22.17	22.26		
1.4	64QAM	3	0	21.96	22.18	22.19		
1.4	64QAM	3	1	22.15	22.04	21.82		
1.4	64QAM	3	3	22.19	21.99	22.01		
1.4	64QAM	6	0	21.05	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.14	19.29	19.07	20.5	5
1.4	256QAM	1	3	18.97	19.25	19.19		
1.4	256QAM	1	5	19.19	19.00	19.09		
1.4	256QAM	3	0	19.18	19.32	19.09		
1.4	256QAM	3	1	19.29	19.28	19.34		
1.4	256QAM	3	3	19.33	19.38	19.01		
1.4	256QAM	6	0	19.36	19.20	19.10	20.5	5

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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	22.87	23.07	23.02	24.5	0
20	QPSK	1	49	22.93	22.94	23.02		
20	QPSK	1	99	22.74	22.72	22.92		
20	QPSK	50	0	21.82	22.09	21.96	23.5	1
20	QPSK	50	24	21.97	21.96	21.99		
20	QPSK	50	50	21.93	22.00	22.04		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	22.30	22.03	22.12	23.5	1
20	16QAM	1	49	22.20	22.24	22.34		
20	16QAM	1	99	22.25	22.26	22.17		
20	16QAM	50	0	20.91	21.00	21.07	22.5	2
20	16QAM	50	24	21.06	21.11	21.02		
20	16QAM	50	50	20.91	21.16	21.01		
20	16QAM	100	0	21.05	20.95	21.06		
20	64QAM	1	0	21.02	21.10	21.13	22.5	2
20	64QAM	1	49	21.14	21.04	21.05		
20	64QAM	1	99	21.30	21.06	21.17		
20	64QAM	50	0	19.95	20.03	19.95	21.5	3
20	64QAM	50	24	19.97	20.12	20.06		
20	64QAM	50	50	19.91	19.95	20.01		
20	64QAM	100	0	20.07	19.98	20.07		
20	256QAM	1	0	18.05	18.13	18.13	19.5	5
20	256QAM	1	49	18.02	18.13	18.19		
20	256QAM	1	99	17.80	17.87	18.11		
20	256QAM	50	0	17.80	18.14	18.08	19.5	5
20	256QAM	50	24	18.00	18.15	18.02		
20	256QAM	50	50	18.14	18.15	18.09		
20	256QAM	100	0	18.15	18.05	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.85	22.90	24.5	0
15	QPSK	1	37	22.81	23.00	22.98		
15	QPSK	1	74	22.71	22.68	22.87		
15	QPSK	36	0	21.73	21.80	21.94	23.5	1
15	QPSK	36	20	21.80	21.80	21.92		
15	QPSK	36	39	21.80	21.91	21.86		
15	QPSK	75	0	21.85	21.77	21.82		
15	16QAM	1	0	22.20	21.93	22.08	23.5	1
15	16QAM	1	37	22.10	22.14	22.29		
15	16QAM	1	74	22.16	22.14	22.10		
15	16QAM	36	0	20.84	20.86	20.96	22.5	2
15	16QAM	36	20	20.97	21.04	20.88		
15	16QAM	36	39	20.79	21.10	20.94		
15	16QAM	75	0	20.94	20.86	20.90		
15	64QAM	1	0	20.97	21.03	21.03	22.5	2
15	64QAM	1	37	20.98	20.99	20.93		
15	64QAM	1	74	21.24	20.97	21.11		
15	64QAM	36	0	19.88	19.95	19.86	21.5	3
15	64QAM	36	20	19.92	20.02	19.90		
15	64QAM	36	39	19.78	19.84	19.89		
15	64QAM	75	0	19.89	19.92	20.00		
15	256QAM	1	0	17.91	17.86	18.10	19.5	5
15	256QAM	1	37	17.86	18.10	18.09		
15	256QAM	1	74	17.82	17.80	18.01		
15	256QAM	36	0	17.94	17.97	18.01	19.5	5
15	256QAM	36	20	17.84	18.02	17.91		
15	256QAM	36	39	17.93	18.11	17.89		
15	256QAM	75	0	18.00	17.78	17.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.70	22.83	22.89	24.5	0
10	QPSK	1	25	22.82	22.95	22.85		
10	QPSK	1	49	22.57	22.56	22.88		
10	QPSK	25	0	21.74	21.81	21.97	23.5	1
10	QPSK	25	12	21.84	21.78	21.92		
10	QPSK	25	25	21.82	21.92	21.95		
10	QPSK	50	0	21.84	21.81	21.75		
10	16QAM	1	0	22.18	21.85	22.02	23.5	1
10	16QAM	1	25	22.12	22.20	22.21		
10	16QAM	1	49	22.12	22.20	22.12		
10	16QAM	25	0	20.81	20.91	20.95	22.5	2
10	16QAM	25	12	20.91	20.97	20.84		
10	16QAM	25	25	20.86	21.08	20.85		
10	16QAM	50	0	20.88	20.87	20.89		
10	64QAM	1	0	20.87	20.94	21.07	22.5	2
10	64QAM	1	25	21.08	20.88	20.93		
10	64QAM	1	49	21.23	20.89	21.00		
10	64QAM	25	0	19.81	19.86	19.80	21.5	3
10	64QAM	25	12	19.91	20.02	19.95		
10	64QAM	25	25	19.81	19.84	19.96		
10	64QAM	50	0	19.93	19.87	19.92		
10	256QAM	1	0	17.83	17.96	17.93	19.5	5
10	256QAM	1	25	17.85	18.01	17.99		
10	256QAM	1	49	17.70	17.63	17.89		
10	256QAM	25	0	17.89	17.96	18.06	19.5	5
10	256QAM	25	12	17.93	18.00	18.08		
10	256QAM	25	25	17.88	17.91	17.98		
10	256QAM	50	0	18.04	17.80	17.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.77	22.91	24.5	0
5	QPSK	1	12	22.77	22.95	22.98		
5	QPSK	1	24	22.67	22.64	22.77		
5	QPSK	12	0	21.71	21.86	21.95	23.5	1
5	QPSK	12	7	21.88	21.90	21.93		
5	QPSK	12	13	21.82	21.86	21.91		
5	QPSK	25	0	21.80	21.79	21.85		
5	16QAM	1	0	22.20	21.94	21.99	23.5	1
5	16QAM	1	12	22.11	22.19	22.28		
5	16QAM	1	24	22.19	22.10	22.01		
5	16QAM	12	0	20.80	20.90	20.93	22.5	2
5	16QAM	12	7	20.94	21.02	20.96		
5	16QAM	12	13	20.83	21.03	20.89		
5	16QAM	25	0	20.98	20.85	20.98		
5	64QAM	1	0	20.85	20.97	20.98	22.5	2
5	64QAM	1	12	21.07	20.89	20.88		
5	64QAM	1	24	21.16	20.98	21.04		
5	64QAM	12	0	19.88	19.92	19.78	21.5	3
5	64QAM	12	7	19.85	20.05	20.00		
5	64QAM	12	13	19.84	19.86	19.94		
5	64QAM	25	0	19.97	19.81	20.02		
5	256QAM	1	0	17.87	17.88	17.93	19.5	5
5	256QAM	1	12	17.92	17.98	18.12		
5	256QAM	1	24	17.78	17.75	17.77		
5	256QAM	12	0	17.88	17.93	17.95	19.5	5
5	256QAM	12	7	17.99	18.01	18.02		
5	256QAM	12	13	17.89	18.06	18.06		
5	256QAM	25	0	17.89	17.83	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.75	22.82	22.88	24.5	0
3	QPSK	1	8	22.86	22.90	22.86		
3	QPSK	1	14	22.63	22.61	22.84		
3	QPSK	8	0	21.75	21.88	22.05	23.5	1
3	QPSK	8	4	21.85	21.86	21.93		
3	QPSK	8	7	21.86	21.95	21.93		
3	QPSK	15	0	21.85	21.81	21.78		
3	16QAM	1	0	22.14	21.98	22.07	23.5	1
3	16QAM	1	8	22.10	22.11	22.19		
3	16QAM	1	14	22.20	22.22	22.00		
3	16QAM	8	0	20.81	20.96	21.01	22.5	2
3	16QAM	8	4	20.97	21.04	20.96		
3	16QAM	8	7	20.79	21.03	20.89		
3	16QAM	15	0	20.94	20.86	21.02		
3	64QAM	1	0	20.93	21.05	20.96	22.5	2
3	64QAM	1	8	21.05	20.94	20.88		
3	64QAM	1	14	21.14	21.01	20.99		
3	64QAM	8	0	19.86	19.97	19.84	21.5	3
3	64QAM	8	4	19.86	20.04	19.98		
3	64QAM	8	7	19.78	19.90	19.83		
3	64QAM	15	0	19.95	19.81	19.95		
3	256QAM	1	0	17.81	17.92	17.89	19.5	5
3	256QAM	1	8	17.98	18.01	17.98		
3	256QAM	1	14	17.80	17.73	17.89		
3	256QAM	8	0	17.96	18.10	18.12	19.5	5
3	256QAM	8	4	17.89	18.05	18.13		
3	256QAM	8	7	17.91	18.15	17.95		
3	256QAM	15	0	17.88	17.93	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.74	22.86	22.94	24.5	0
1.4	QPSK	1	3	22.81	22.93	22.92		
1.4	QPSK	1	5	22.67	22.65	22.87		
1.4	QPSK	3	0	22.65	22.87	22.92		
1.4	QPSK	3	1	22.82	22.91	22.90		
1.4	QPSK	3	3	22.82	22.91	22.99		
1.4	QPSK	6	0	21.79	21.87	21.81	23.5	1
1.4	16QAM	1	0	22.22	21.89	21.99	23.5	1
1.4	16QAM	1	3	22.06	22.20	22.27		
1.4	16QAM	1	5	22.16	22.09	22.12		
1.4	16QAM	3	0	21.82	21.90	22.01		
1.4	16QAM	3	1	21.92	22.00	21.94		
1.4	16QAM	3	3	21.74	22.00	21.91		
1.4	16QAM	6	0	20.87	20.79	21.01	22.5	2
1.4	64QAM	1	0	20.86	21.01	21.01	22.5	2
1.4	64QAM	1	3	21.05	20.93	20.88		
1.4	64QAM	1	5	21.21	20.93	21.03		
1.4	64QAM	3	0	20.80	20.88	20.83		
1.4	64QAM	3	1	20.87	21.03	20.92		
1.4	64QAM	3	3	20.76	20.85	20.97		
1.4	64QAM	6	0	19.90	19.92	19.99	21.5	3
1.4	256QAM	1	0	17.80	17.89	18.00	19.5	5
1.4	256QAM	1	3	17.91	18.10	18.03		
1.4	256QAM	1	5	17.87	17.78	17.96		
1.4	256QAM	3	0	17.84	17.90	18.07		
1.4	256QAM	3	1	17.93	17.97	18.11		
1.4	256QAM	3	3	18.00	17.91	18.08		
1.4	256QAM	6	0	17.86	17.89	17.90	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.88	22.94	22.70	24.5	0
20	QPSK	1	49	22.89	22.71	22.90		
20	QPSK	1	99	22.83	22.78	22.93		
20	QPSK	50	0	21.90	21.99	21.95	23.5	1
20	QPSK	50	24	21.95	21.86	21.93		
20	QPSK	50	50	21.96	21.90	21.97		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	21.95	21.99	21.91	23.5	1
20	16QAM	1	49	21.85	22.01	21.79		
20	16QAM	1	99	22.05	22.09	22.02		
20	16QAM	50	0	20.92	20.88	21.04	22.5	2
20	16QAM	50	24	21.04	20.89	20.96		
20	16QAM	50	50	21.05	20.87	20.93		
20	16QAM	100	0	21.07	20.90	20.95		
20	64QAM	1	0	21.02	20.84	20.69	22.5	2
20	64QAM	1	49	20.73	20.81	20.68		
20	64QAM	1	99	20.85	20.59	20.81		
20	64QAM	50	0	19.86	19.96	20.01	21.5	3
20	64QAM	50	24	20.14	19.99	19.88		
20	64QAM	50	50	20.08	19.89	20.00		
20	64QAM	100	0	19.95	19.97	19.91		
20	256QAM	1	0	17.94	18.08	17.80	19.5	5
20	256QAM	1	49	18.05	17.92	17.96		
20	256QAM	1	99	17.83	17.94	17.97		
20	256QAM	50	0	18.03	18.17	18.03	19.5	5
20	256QAM	50	24	18.12	17.92	18.02		
20	256QAM	50	50	18.02	17.97	18.06		
20	256QAM	100	0	18.15	18.17	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.89	22.62	24.5	0
15	QPSK	1	37	22.83	22.62	22.80		
15	QPSK	1	74	22.66	22.69	22.83		
15	QPSK	36	0	21.74	21.89	21.79	23.5	1
15	QPSK	36	20	21.97	21.89	21.75		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.96	21.95	21.82		
15	16QAM	1	0	21.79	21.98	21.81	23.5	1
15	16QAM	1	37	21.75	22.03	21.73		
15	16QAM	1	74	21.91	22.12	21.90		
15	16QAM	36	0	20.81	20.82	20.93	22.5	2
15	16QAM	36	20	20.96	20.90	20.90		
15	16QAM	36	39	20.97	20.82	20.81		
15	16QAM	75	0	21.02	20.88	20.81		
15	64QAM	1	0	20.97	20.81	20.51	22.5	2
15	64QAM	1	37	20.61	20.75	20.60		
15	64QAM	1	74	20.80	20.51	20.63		
15	64QAM	36	0	19.72	19.92	19.90	21.5	3
15	64QAM	36	20	20.01	19.94	19.77		
15	64QAM	36	39	19.98	19.82	19.88		
15	64QAM	75	0	19.78	19.91	19.74		
15	256QAM	1	0	17.85	17.91	17.65	19.5	5
15	256QAM	1	37	17.96	17.81	17.82		
15	256QAM	1	74	17.66	17.86	17.86		
15	256QAM	36	0	17.93	17.90	17.91	19.5	5
15	256QAM	36	20	18.10	18.08	17.95		
15	256QAM	36	39	18.10	17.85	18.02		
15	256QAM	75	0	18.00	17.98	18.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.82	22.56	24.5	0
10	QPSK	1	25	22.89	22.71	22.82		
10	QPSK	1	49	22.65	22.77	22.87		
10	QPSK	25	0	21.80	21.79	21.81	23.5	1
10	QPSK	25	12	21.95	21.88	21.79		
10	QPSK	25	25	21.93	21.89	21.89		
10	QPSK	50	0	21.98	21.96	21.80		
10	16QAM	1	0	21.85	21.92	21.76	23.5	1
10	16QAM	1	25	21.76	21.98	21.65		
10	16QAM	1	49	21.89	22.02	21.94		
10	16QAM	25	0	20.84	20.87	20.95	22.5	2
10	16QAM	25	12	20.93	20.80	20.84		
10	16QAM	25	25	20.92	20.84	20.86		
10	16QAM	50	0	21.01	20.86	20.88		
10	64QAM	1	0	20.85	20.83	20.52	22.5	2
10	64QAM	1	25	20.56	20.79	20.59		
10	64QAM	1	49	20.72	20.63	20.75		
10	64QAM	25	0	19.79	19.99	19.97	21.5	3
10	64QAM	25	12	20.07	19.93	19.83		
10	64QAM	25	25	19.99	19.82	19.94		
10	64QAM	50	0	19.83	19.98	19.81		
10	256QAM	1	0	18.00	18.03	17.64	19.5	5
10	256QAM	1	25	18.09	17.73	17.92		
10	256QAM	1	49	17.72	17.93	17.96		
10	256QAM	25	0	17.88	17.81	17.85	19.5	5
10	256QAM	25	12	18.03	17.90	17.97		
10	256QAM	25	25	17.98	17.94	17.97		
10	256QAM	50	0	18.20	17.99	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.87	22.53	24.5	0
5	QPSK	1	12	22.81	22.65	22.78		
5	QPSK	1	24	22.76	22.75	22.86		
5	QPSK	12	0	21.84	21.85	21.78	23.5	1
5	QPSK	12	7	21.90	21.87	21.80		
5	QPSK	12	13	21.90	21.87	21.88		
5	QPSK	25	0	21.85	21.95	21.87		
5	16QAM	1	0	21.84	21.97	21.75	23.5	1
5	16QAM	1	12	21.68	21.94	21.74		
5	16QAM	1	24	22.00	22.00	21.93		
5	16QAM	12	0	20.82	20.87	20.87	22.5	2
5	16QAM	12	7	20.86	20.89	20.88		
5	16QAM	12	13	20.87	20.81	20.75		
5	16QAM	25	0	21.02	20.88	20.78		
5	64QAM	1	0	20.91	20.84	20.57	22.5	2
5	64QAM	1	12	20.59	20.73	20.62		
5	64QAM	1	24	20.78	20.56	20.73		
5	64QAM	12	0	19.68	19.92	19.94	21.5	3
5	64QAM	12	7	20.04	20.01	19.73		
5	64QAM	12	13	20.02	19.81	19.87		
5	64QAM	25	0	19.83	19.93	19.74		
5	256QAM	1	0	17.85	18.02	17.74	19.5	5
5	256QAM	1	12	17.94	17.67	17.99		
5	256QAM	1	24	17.89	17.93	18.01		
5	256QAM	12	0	17.90	17.86	17.82	19.5	5
5	256QAM	12	7	17.93	17.87	17.88		
5	256QAM	12	13	18.05	17.94	18.08		
5	256QAM	25	0	17.98	18.16	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.91	22.78	22.95	22.60	22.60	24.5	0
20	QPSK	1	49	22.82	22.71	22.79	22.84	22.76		
20	QPSK	1	99	22.82	22.90	22.78	22.79	22.88		
20	QPSK	50	0	21.86	21.73	22.00	21.70	21.78	23.5	1
20	QPSK	50	24	21.83	21.85	21.83	21.68	21.63		
20	QPSK	50	50	21.96	21.87	21.95	21.65	21.91		
20	QPSK	100	0	21.84	21.86	22.02	21.72	21.73		
20	16QAM	1	0	21.86	21.73	21.83	21.84	21.88	23.5	1
20	16QAM	1	49	21.89	21.68	21.69	21.87	21.83		
20	16QAM	1	99	21.86	21.86	21.82	21.89	21.76		
20	16QAM	50	0	20.86	20.89	20.73	20.67	20.70	22.5	2
20	16QAM	50	24	20.93	20.83	20.90	20.66	20.72		
20	16QAM	50	50	20.89	20.85	20.86	20.76	20.65		
20	16QAM	100	0	21.02	20.92	20.87	20.94	20.70		
20	64QAM	1	0	20.76	21.00	20.82	20.71	20.89	22.5	2
20	64QAM	1	49	21.03	20.78	20.88	20.76	20.96		
20	64QAM	1	99	20.94	20.86	21.03	20.88	20.91		
20	64QAM	50	0	19.74	19.85	19.82	19.68	19.86	21.5	3
20	64QAM	50	24	19.91	19.86	19.88	19.72	19.75		
20	64QAM	50	50	19.91	19.85	19.92	19.79	19.61		
20	64QAM	100	0	19.95	19.76	19.88	19.66	19.75		
20	256QAM	1	0	18.04	17.87	18.10	17.72	17.75	19.5	5
20	256QAM	1	49	17.86	17.74	17.81	17.86	17.88		
20	256QAM	1	99	17.80	17.89	17.85	17.94	17.94		
20	256QAM	50	0	17.85	17.88	18.10	17.80	17.83	19.5	5
20	256QAM	50	24	18.00	17.99	17.93	17.83	17.71		
20	256QAM	50	50	18.00	17.90	17.94	17.76	17.98		
20	256QAM	100	0	17.90	18.01	18.01	17.89	17.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.80	22.68	22.76	22.53	22.88	24.50	0
15	QPSK	1	37	22.70	22.61	22.74	22.78	22.68		
15	QPSK	1	74	22.76	22.76	22.63	22.61	22.75		
15	QPSK	36	0	21.82	21.60	21.79	21.62	21.68	23.5	1
15	QPSK	36	20	21.73	21.80	21.67	21.55	21.50		
15	QPSK	36	39	21.84	21.73	21.77	21.52	21.80		
15	QPSK	75	0	21.78	21.81	21.75	21.68	21.57		
15	16QAM	1	0	21.79	21.57	21.71	21.79	21.76	23.5	1
15	16QAM	1	37	21.74	21.58	21.63	21.78	21.77		
15	16QAM	1	74	21.72	21.72	21.64	21.73	21.70		
15	16QAM	36	0	20.80	20.73	20.58	20.62	20.59	22.5	2
15	16QAM	36	20	20.89	20.75	20.83	20.53	20.64		
15	16QAM	36	39	20.81	20.71	20.69	20.65	20.58		
15	16QAM	75	0	20.88	20.83	20.73	20.88	20.63		
15	64QAM	1	0	20.62	20.87	20.72	20.62	20.77	22.5	2
15	64QAM	1	37	20.98	20.68	20.77	20.70	20.89		
15	64QAM	1	74	20.83	20.75	20.97	20.83	20.86		
15	64QAM	36	0	19.58	19.80	19.77	19.61	19.80	21.5	3
15	64QAM	36	20	19.73	19.72	19.82	19.58	19.68		
15	64QAM	36	39	19.76	19.70	19.86	19.66	19.56		
15	64QAM	75	0	19.78	19.70	19.73	19.54	19.57		
15	256QAM	1	0	17.84	17.83	17.83	17.67	17.88	19.5	5
15	256QAM	1	37	17.82	17.79	17.96	17.82	17.74		
15	256QAM	1	74	17.85	17.84	17.73	17.71	17.97		
15	256QAM	36	0	17.87	17.62	17.79	17.74	17.75	19.5	5
15	256QAM	36	20	17.81	17.85	17.83	17.76	17.69		
15	256QAM	36	39	17.88	17.90	17.84	17.72	18.01		
15	256QAM	75	0	18.00	17.87	18.11	17.88	17.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.62	22.75	22.88	22.50	24.50	0
10	QPSK	1	25	22.76	22.66	22.73	22.74	22.68		
10	QPSK	1	49	22.69	22.79	22.69	22.67	22.75		
10	QPSK	25	0	21.91	21.68	21.68	21.58	21.61	23.5	1
10	QPSK	25	12	21.69	21.72	21.79	21.55	21.58		
10	QPSK	25	25	21.90	21.78	21.88	21.53	21.74		
10	QPSK	50	0	21.79	21.79	21.74	21.66	21.64		
10	16QAM	1	0	21.80	21.66	21.74	21.68	21.82	23.5	1
10	16QAM	1	25	21.78	21.57	21.58	21.72	21.71		
10	16QAM	1	49	21.76	21.70	21.73	21.77	21.68		
10	16QAM	25	0	20.80	20.78	20.62	20.63	20.53	22.5	2
10	16QAM	25	12	20.76	20.67	20.75	20.56	20.63		
10	16QAM	25	25	20.77	20.70	20.72	20.66	20.54		
10	16QAM	50	0	20.89	20.80	20.78	20.86	20.57		
10	64QAM	1	0	20.58	20.94	20.73	20.61	20.75	22.5	2
10	64QAM	1	25	20.87	20.64	20.80	20.67	20.88		
10	64QAM	1	49	20.80	20.69	20.90	20.74	20.82		
10	64QAM	25	0	19.69	19.75	19.77	19.51	19.78	21.5	3
10	64QAM	25	12	19.78	19.78	19.79	19.55	19.57		
10	64QAM	25	25	19.77	19.70	19.78	19.65	19.55		
10	64QAM	50	0	19.87	19.70	19.71	19.56	19.68		
10	256QAM	1	0	17.84	17.65	17.95	17.73	17.69	19.5	5
10	256QAM	1	25	17.97	17.83	17.94	17.87	17.88		
10	256QAM	1	49	17.82	18.00	17.84	17.74	17.75		
10	256QAM	25	0	17.90	17.76	17.84	17.67	17.75	19.5	5
10	256QAM	25	12	17.81	17.85	17.93	17.62	17.68		
10	256QAM	25	25	17.98	17.90	18.00	17.73	17.82		
10	256QAM	50	0	17.86	17.97	17.79	17.81	17.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.83	22.73	22.83	22.53	22.54	24.50	0
5	QPSK	1	12	22.67	22.64	22.64	22.73	22.66		
5	QPSK	1	24	22.65	22.84	22.66	22.67	22.76		
5	QPSK	12	0	21.85	21.58	21.82	21.64	21.67	23.5	1
5	QPSK	12	7	21.76	21.78	21.67	21.51	21.55		
5	QPSK	12	13	21.79	21.72	21.89	21.54	21.87		
5	QPSK	25	0	21.75	21.74	21.81	21.64	21.60		
5	16QAM	1	0	21.78	21.55	21.73	21.71	21.72	23.5	1
5	16QAM	1	12	21.79	21.64	21.57	21.70	21.77		
5	16QAM	1	24	21.70	21.73	21.74	21.75	21.65		
5	16QAM	12	0	20.68	20.78	20.67	20.54	20.64	22.5	2
5	16QAM	12	7	20.84	20.68	20.84	20.56	20.55		
5	16QAM	12	13	20.80	20.70	20.74	20.58	20.51		
5	16QAM	25	0	20.96	20.80	20.74	20.88	20.63		
5	64QAM	1	0	20.59	20.94	20.77	20.58	20.78	22.5	2
5	64QAM	1	12	20.94	20.63	20.82	20.64	20.79		
5	64QAM	1	24	20.84	20.70	20.92	20.80	20.76		
5	64QAM	12	0	19.66	19.79	19.72	19.63	19.76	21.5	3
5	64QAM	12	7	19.86	19.70	19.73	19.59	19.63		
5	64QAM	12	13	19.78	19.70	19.86	19.61	19.52		
5	64QAM	25	0	19.84	19.61	19.72	19.58	19.62		
5	256QAM	1	0	17.89	17.74	18.05	17.74	17.69	19.5	5
5	256QAM	1	12	17.68	17.72	17.76	17.78	17.81		
5	256QAM	1	24	17.71	17.83	17.79	17.73	17.76		
5	256QAM	12	0	17.96	17.76	18.00	17.73	17.78	19.5	5
5	256QAM	12	7	17.86	17.77	17.88	17.64	17.69		
5	256QAM	12	13	17.94	17.84	18.02	17.67	17.92		
5	256QAM	25	0	17.83	17.73	17.91	17.82	17.79		

GSM1900 Ant3 DSI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	29.88	30.01	30.50	21.02	20.88	21.01	21.50
GPRS 1 Tx slot	29.93	29.75	29.74	30.50	20.93	20.75	20.74	21.50
GPRS 2 Tx slots	26.76	26.57	26.43	27.50	20.76	20.57	20.43	21.50
GPRS 3 Tx slots	24.57	24.68	24.83	25.50	20.31	20.42	20.57	21.24
GPRS 4 Tx slots	23.31	23.32	23.19	24.50	20.31	20.32	20.19	21.50
EDGE 1 Tx slot	25.73	25.78	25.98	26.50	16.73	16.78	16.98	17.50
EDGE 2 Tx slots	22.45	22.38	22.33	24.00	16.45	16.38	16.33	18.00
EDGE 3 Tx slots	20.60	20.66	20.82	21.50	16.34	16.40	16.56	17.24
EDGE 4 Tx slots	18.92	19.04	19.27	20.50	15.92	16.04	16.27	17.50

WCDMA Ⅱ Ant3 DSI3 | WCDMA Ⅳ Ant3 DSI3

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.98	21.07	20.92	22.00	20.85	20.97	20.86	22.00
3GPP Rel 99	RMC 12.2Kbps	21.05	21.12	20.95	22.00	20.93	21.04	20.89	22.00
3GPP Rel 6	HSDPA Subtest-1	19.97	19.96	19.74	21.00	19.90	19.99	19.80	21.00
3GPP Rel 6	HSDPA Subtest-2	19.93	19.94	19.56	21.00	19.87	19.97	19.84	21.00
3GPP Rel 6	HSDPA Subtest-3	19.45	19.43	19.24	20.50	19.39	19.55	19.34	20.50
3GPP Rel 6	HSDPA Subtest-4	19.46	19.39	19.29	20.50	19.41	19.49	19.30	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.92	19.86	19.80	21.00	19.97	19.88	19.70	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.86	19.83	19.63	21.00	19.75	19.99	19.95	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.36	19.47	19.17	20.50	19.27	19.62	19.27	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.55	19.45	19.33	20.50	19.40	19.52	19.30	20.50
3GPP Rel 6	HSUPA Subtest-1	19.97	19.94	19.72	21.00	19.83	20.00	19.79	21.00
3GPP Rel 6	HSUPA Subtest-2	17.94	17.92	17.72	19.00	17.87	18.00	17.75	19.00
3GPP Rel 6	HSUPA Subtest-3	18.96	18.89	18.75	20.00	18.83	18.93	18.69	20.00
3GPP Rel 6	HSUPA Subtest-4	17.94	17.94	17.75	19.00	17.84	17.98	17.81	19.00
3GPP Rel 6	HSUPA Subtest-5	20.00	19.90	19.80	21.00	19.80	20.00	19.80	21.00

Band 2 Ant3 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.35	21.44	21.32	22.5	0
20	QPSK	1	49	21.35	21.32	21.26		
20	QPSK	1	99	21.22	21.16	21.19		
20	QPSK	50	0	21.37	21.43	21.31	22.5	0
20	QPSK	50	24	21.36	21.31	21.28		
20	QPSK	50	50	21.34	21.24	21.21		
20	QPSK	100	0	21.30	21.39	21.27		
20	16QAM	1	0	21.32	21.26	21.35	22.5	0
20	16QAM	1	49	21.38	21.31	21.25		
20	16QAM	1	99	21.32	21.23	21.42		
20	16QAM	50	0	21.39	21.38	21.32	22.5	0
20	16QAM	50	24	21.30	21.36	21.33		
20	16QAM	50	50	21.41	21.28	21.25		
20	16QAM	100	0	21.42	21.34	21.30		
20	64QAM	1	0	21.39	21.35	21.33	22.5	0
20	64QAM	1	49	21.32	21.32	21.36		
20	64QAM	1	99	21.43	21.21	21.25		
20	64QAM	50	0	21.39	21.38	21.33	22.5	0
20	64QAM	50	24	21.43	21.33	21.30		
20	64QAM	50	50	21.38	21.26	21.25		
20	64QAM	100	0	21.43	21.32	21.30		
20	256QAM	1	0	19.25	19.36	19.32	20.5	2
20	256QAM	1	49	19.33	19.38	19.20		
20	256QAM	1	99	19.16	19.13	19.13		
20	256QAM	50	0	19.42	19.49	19.41	20.5	2
20	256QAM	50	24	19.38	19.39	19.37		
20	256QAM	50	50	19.32	19.19	19.17		
20	256QAM	100	0	19.35	19.47	19.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.29	21.35	21.23	22.5	0
15	QPSK	1	37	21.22	21.13	21.23		
15	QPSK	1	74	21.15	21.15	21.07		
15	QPSK	36	0	21.16	21.39	21.28	22.5	0
15	QPSK	36	20	21.37	21.16	21.20		
15	QPSK	36	39	21.18	21.21	21.01		
15	QPSK	75	0	21.24	21.19	21.25		
15	16QAM	1	0	21.16	21.18	21.14	22.5	0
15	16QAM	1	37	21.38	21.20	21.04		
15	16QAM	1	74	21.34	21.10	21.22		
15	16QAM	36	0	21.32	21.29	21.33	22.5	0
15	16QAM	36	20	21.21	21.15	21.35		
15	16QAM	36	39	21.20	21.14	21.26		
15	16QAM	75	0	21.25	21.33	21.12		
15	64QAM	1	0	21.27	21.27	21.14	22.5	0
15	64QAM	1	37	21.11	21.26	21.34		
15	64QAM	1	74	21.39	21.19	21.08		
15	64QAM	36	0	21.40	21.33	21.27	22.5	0
15	64QAM	36	20	21.42	21.20	21.08		
15	64QAM	36	39	21.39	21.23	21.20		
15	64QAM	75	0	21.43	21.31	21.20		
15	256QAM	1	0	19.21	19.29	19.16	20.5	2
15	256QAM	1	37	19.29	19.24	18.99		
15	256QAM	1	74	19.10	19.03	18.92		
15	256QAM	36	0	19.22	19.43	19.34	20.5	2
15	256QAM	36	20	19.27	19.38	19.35		
15	256QAM	36	39	19.23	19.12	19.09		
15	256QAM	75	0	19.36	19.26	19.31		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.17	21.34	21.31	22.5	0
10	QPSK	1	25	21.30	21.10	21.16		
10	QPSK	1	49	21.13	21.04	21.15		
10	QPSK	25	0	21.25	21.32	21.18	22.5	0
10	QPSK	25	12	21.20	21.24	21.13		
10	QPSK	25	25	21.17	21.14	21.18		
10	QPSK	50	0	21.12	21.34	21.22		
10	16QAM	1	0	21.32	21.28	21.29	22.5	0
10	16QAM	1	25	21.38	21.16	21.25		
10	16QAM	1	49	21.26	21.19	21.36		
10	16QAM	25	0	21.27	21.23	21.10	22.5	0
10	16QAM	25	12	21.13	21.23	21.21		
10	16QAM	25	25	21.21	21.18	21.22		
10	16QAM	50	0	21.42	21.14	21.14		
10	64QAM	1	0	21.17	21.20	21.23	22.5	0
10	64QAM	1	25	21.20	21.31	21.21		
10	64QAM	1	49	21.32	21.00	21.16		
10	64QAM	25	0	21.37	21.32	21.13	22.5	0
10	64QAM	25	12	21.26	21.25	21.19		
10	64QAM	25	25	21.25	21.07	21.17		
10	64QAM	50	0	21.32	21.25	21.16		
10	256QAM	1	0	19.22	19.29	19.24	20.5	2
10	256QAM	1	25	19.14	19.32	19.05		
10	256QAM	1	49	18.96	19.02	19.00		
10	256QAM	25	0	19.39	19.36	19.42	20.5	2
10	256QAM	25	12	19.17	19.33	19.36		
10	256QAM	25	25	19.28	19.06	19.05		
10	256QAM	50	0	19.16	19.27	19.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.25	21.35	21.24	22.5	0
5	QPSK	1	12	21.28	21.28	21.21		
5	QPSK	1	24	21.03	21.01	21.11		
5	QPSK	12	0	21.18	21.25	21.09	22.5	0
5	QPSK	12	7	21.28	21.06	21.06		
5	QPSK	12	13	21.10	21.11	20.97		
5	QPSK	25	0	21.13	21.27	21.21		
5	16QAM	1	0	21.06	21.18	21.22	22.5	0
5	16QAM	1	12	21.31	21.24	21.06		
5	16QAM	1	24	21.16	21.13	21.36		
5	16QAM	12	0	21.27	21.14	21.23	22.5	0
5	16QAM	12	7	21.18	21.23	21.25		
5	16QAM	12	13	21.32	21.02	21.07		
5	16QAM	25	0	21.31	21.29	21.03		
5	64QAM	1	0	21.23	21.19	21.19	22.5	0
5	64QAM	1	12	21.20	21.07	21.14		
5	64QAM	1	24	21.29	21.09	21.18		
5	64QAM	12	0	21.30	21.25	21.27	22.5	0
5	64QAM	12	7	21.34	21.18	21.08		
5	64QAM	12	13	21.18	21.23	21.10		
5	64QAM	25	0	21.18	21.10	21.23		
5	256QAM	1	0	19.14	19.21	19.14	20.5	2
5	256QAM	1	12	19.23	19.15	18.95		
5	256QAM	1	24	19.03	18.87	19.08		
5	256QAM	12	0	19.17	19.32	19.17	20.5	2
5	256QAM	12	7	19.25	19.33	19.11		
5	256QAM	12	13	19.26	19.16	18.98		
5	256QAM	25	0	19.30	19.42	19.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.30	21.30	21.20	22.5	0
3	QPSK	1	8	21.08	21.27	21.11		
3	QPSK	1	14	21.02	20.93	21.13		
3	QPSK	8	0	21.18	21.28	21.28	22.5	0
3	QPSK	8	4	21.20	21.20	21.06		
3	QPSK	8	7	21.15	20.97	21.14		
3	QPSK	15	0	21.05	21.19	21.09		
3	16QAM	1	0	21.11	21.15	21.22	22.5	0
3	16QAM	1	8	21.23	21.07	21.11		
3	16QAM	1	14	21.06	21.12	21.37		
3	16QAM	8	0	21.34	21.20	21.27	22.5	0
3	16QAM	8	4	21.26	21.11	21.08		
3	16QAM	8	7	21.38	21.15	21.19		
3	16QAM	15	0	21.36	21.22	21.16		
3	64QAM	1	0	21.20	21.13	21.17	22.5	0
3	64QAM	1	8	21.16	21.25	21.31		
3	64QAM	1	14	21.17	21.08	21.16		
3	64QAM	8	0	21.35	21.18	21.09	22.5	0
3	64QAM	8	4	21.39	21.17	21.17		
3	64QAM	8	7	21.21	21.12	21.17		
3	64QAM	15	0	21.34	21.06	21.08		
3	256QAM	1	0	19.04	19.24	19.24	20.5	2
3	256QAM	1	8	19.21	19.14	19.00		
3	256QAM	1	14	19.04	18.91	18.99		
3	256QAM	8	0	19.21	19.23	19.34	20.5	2
3	256QAM	8	4	19.31	19.32	19.17		
3	256QAM	8	7	19.27	19.00	19.14		
3	256QAM	15	0	19.18	19.35	19.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.17	21.26	21.21	22.5	0
1.4	QPSK	1	3	21.25	21.18	20.96		
1.4	QPSK	1	5	20.97	20.95	20.95		
1.4	QPSK	3	0	21.07	21.15	21.13		
1.4	QPSK	3	1	21.09	21.08	21.18		
1.4	QPSK	3	3	21.17	20.99	20.94		
1.4	QPSK	6	0	21.10	21.08	20.96	22.5	0
1.4	16QAM	1	0	21.14	21.17	21.20	22.5	0
1.4	16QAM	1	3	21.13	21.16	21.16		
1.4	16QAM	1	5	21.09	21.01	21.22		
1.4	16QAM	3	0	21.21	21.25	21.10		
1.4	16QAM	3	1	21.04	21.16	21.01		
1.4	16QAM	3	3	21.10	21.11	21.02		
1.4	16QAM	6	0	21.18	21.11	21.04	22.5	0
1.4	64QAM	1	0	21.20	21.14	21.16	22.5	0
1.4	64QAM	1	3	21.14	21.07	21.26		
1.4	64QAM	1	5	21.19	20.96	20.96		
1.4	64QAM	3	0	21.29	21.29	21.24		
1.4	64QAM	3	1	21.29	21.11	21.17		
1.4	64QAM	3	3	21.07	21.17	21.07		
1.4	64QAM	6	0	21.21	21.01	21.17	22.5	0
1.4	256QAM	1	0	19.07	19.12	19.02	20.5	2
1.4	256QAM	1	3	19.09	19.16	18.88		
1.4	256QAM	1	5	18.86	18.86	18.92		
1.4	256QAM	3	0	19.13	19.25	19.32		
1.4	256QAM	3	1	19.12	19.07	19.18		
1.4	256QAM	3	3	19.22	18.94	18.96		
1.4	256QAM	6	0	19.22	19.15	19.07	20.5	2

Band 4 Ant3 DSI3

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	21.28	21.45	21.41	22.5	0
20	QPSK	1	49	21.34	21.38	21.32		
20	QPSK	1	99	21.27	21.34	21.10		
20	QPSK	50	0	21.33	21.44	21.39	22.5	0
20	QPSK	50	24	21.39	21.43	21.38		
20	QPSK	50	50	21.36	21.34	21.32		
20	QPSK	100	0	21.33	21.38	21.34		
20	16QAM	1	0	21.24	21.39	21.41	22.5	0
20	16QAM	1	49	21.35	21.34	21.31		
20	16QAM	1	99	21.33	21.36	21.43		
20	16QAM	50	0	21.35	21.32	21.43	22.5	0
20	16QAM	50	24	21.43	21.33	21.40		
20	16QAM	50	50	21.35	21.35	21.31		
20	16QAM	100	0	21.39	21.39	21.37		
20	64QAM	1	0	21.39	21.32	21.29	22.5	0
20	64QAM	1	49	21.35	21.32	21.35		
20	64QAM	1	99	21.42	21.36	21.25		
20	64QAM	50	0	21.38	21.37	21.43	22.5	0
20	64QAM	50	24	21.40	21.44	21.42		
20	64QAM	50	50	21.37	21.36	21.32		
20	64QAM	100	0	21.42	21.42	21.40		
20	256QAM	1	0	19.35	19.42	19.40	20.5	2
20	256QAM	1	49	19.45	19.35	19.34		
20	256QAM	1	99	19.22	19.30	19.20		
20	256QAM	50	0	19.35	19.44	19.35	20.5	2
20	256QAM	50	24	19.38	19.42	19.47		
20	256QAM	50	50	19.50	19.28	19.28		
20	256QAM	100	0	19.33	19.30	19.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.14	21.35	21.22	22.5	0
15	QPSK	1	37	21.25	21.39	21.12		
15	QPSK	1	74	21.08	21.18	21.01		
15	QPSK	36	0	21.18	21.23	21.31	22.5	0
15	QPSK	36	20	21.31	21.24	21.28		
15	QPSK	36	39	21.20	21.17	21.31		
15	QPSK	75	0	21.20	21.34	21.24		
15	16QAM	1	0	21.07	21.23	21.34	22.5	0
15	16QAM	1	37	21.29	21.31	21.11		
15	16QAM	1	74	21.24	21.31	21.29		
15	16QAM	36	0	21.34	21.25	21.25	22.5	0
15	16QAM	36	20	21.30	21.31	21.28		
15	16QAM	36	39	21.18	21.26	21.14		
15	16QAM	75	0	21.39	21.22	21.38		
15	64QAM	1	0	21.21	21.27	21.08	22.5	0
15	64QAM	1	37	21.30	21.20	21.21		
15	64QAM	1	74	21.37	21.30	21.11		
15	64QAM	36	0	21.20	21.24	21.33	22.5	0
15	64QAM	36	20	21.32	21.37	21.41		
15	64QAM	36	39	21.18	21.36	21.25		
15	64QAM	75	0	21.21	21.29	21.20		
15	256QAM	1	0	19.13	19.42	19.31	20.5	2
15	256QAM	1	37	19.33	19.26	19.31		
15	256QAM	1	74	19.04	19.25	19.21		
15	256QAM	36	0	19.34	19.44	19.13	20.5	2
15	256QAM	36	20	19.38	19.26	19.34		
15	256QAM	36	39	19.41	19.25	19.25		
15	256QAM	75	0	19.28	19.15	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.18	21.29	21.33	22.5	0
10	QPSK	1	25	21.32	21.32	21.33		
10	QPSK	1	49	21.18	21.15	21.02		
10	QPSK	25	0	21.19	21.40	21.39	22.5	0
10	QPSK	25	12	21.25	21.32	21.17		
10	QPSK	25	25	21.37	21.17	21.21		
10	QPSK	50	0	21.34	21.31	21.23		
10	16QAM	1	0	21.13	21.31	21.27	22.5	0
10	16QAM	1	25	21.27	21.22	21.09		
10	16QAM	1	49	21.28	21.29	21.25		
10	16QAM	25	0	21.33	21.33	21.21	22.5	0
10	16QAM	25	12	21.32	21.27	21.32		
10	16QAM	25	25	21.34	21.20	21.19		
10	16QAM	50	0	21.38	21.23	21.32		
10	64QAM	1	0	21.23	21.12	21.21	22.5	0
10	64QAM	1	25	21.32	21.31	21.19		
10	64QAM	1	49	21.25	21.14	21.14		
10	64QAM	25	0	21.37	21.18	21.41	22.5	0
10	64QAM	25	12	21.38	21.44	21.36		
10	64QAM	25	25	21.26	21.25	21.22		
10	64QAM	50	0	21.25	21.20	21.19		
10	256QAM	1	0	19.37	19.37	19.31	20.5	2
10	256QAM	1	25	19.29	19.22	19.18		
10	256QAM	1	49	19.20	19.22	19.21		
10	256QAM	25	0	19.26	19.27	19.33	20.5	2
10	256QAM	25	12	19.18	19.27	19.25		
10	256QAM	25	25	19.37	19.26	19.26		
10	256QAM	50	0	19.33	19.16	19.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.21	21.32	22.5	0
5	QPSK	1	12	21.08	21.16	21.09		
5	QPSK	1	24	21.05	21.13	20.98		
5	QPSK	12	0	21.07	21.24	21.23	22.5	0
5	QPSK	12	7	21.18	21.21	21.27		
5	QPSK	12	13	21.13	21.29	21.13		
5	QPSK	25	0	21.13	21.14	21.18		
5	16QAM	1	0	21.18	21.36	21.25	22.5	0
5	16QAM	1	12	21.23	21.26	21.15		
5	16QAM	1	24	21.20	21.13	21.37		
5	16QAM	12	0	21.24	21.20	21.36	22.5	0
5	16QAM	12	7	21.25	21.18	21.25		
5	16QAM	12	13	21.24	21.10	21.24		
5	16QAM	25	0	21.25	21.14	21.21		
5	64QAM	1	0	21.17	21.24	21.25	22.5	0
5	64QAM	1	12	21.17	21.27	21.13		
5	64QAM	1	24	21.23	21.20	21.17		
5	64QAM	12	0	21.13	21.28	21.38	22.5	0
5	64QAM	12	7	21.20	21.24	21.20		
5	64QAM	12	13	21.21	21.33	21.18		
5	64QAM	25	0	21.20	21.23	21.22		
5	256QAM	1	0	19.10	19.16	19.20	20.5	2
5	256QAM	1	12	19.31	19.19	19.11		
5	256QAM	1	24	19.00	19.07	19.10		
5	256QAM	12	0	19.22	19.30	19.22	20.5	2
5	256QAM	12	7	19.24	19.23	19.33		
5	256QAM	12	13	19.39	19.15	19.07		
5	256QAM	25	0	19.27	19.13	19.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.21	21.24	21.33	22.5	0
3	QPSK	1	8	21.28	21.25	21.06		
3	QPSK	1	14	21.16	21.21	21.02		
3	QPSK	8	0	21.27	21.36	21.31	22.5	0
3	QPSK	8	4	21.21	21.38	21.13		
3	QPSK	8	7	21.31	21.20	21.18		
3	QPSK	15	0	21.20	21.25	21.24		
3	16QAM	1	0	21.09	21.35	21.19	22.5	0
3	16QAM	1	8	21.13	21.30	21.24		
3	16QAM	1	14	21.10	21.18	21.19		
3	16QAM	8	0	21.28	21.10	21.27	22.5	0
3	16QAM	8	4	21.25	21.17	21.31		
3	16QAM	8	7	21.09	21.11	21.19		
3	16QAM	15	0	21.22	21.18	21.13		
3	64QAM	1	0	21.16	21.11	21.10	22.5	0
3	64QAM	1	8	21.28	21.15	21.30		
3	64QAM	1	14	21.24	21.25	21.08		
3	64QAM	8	0	21.33	21.28	21.30	22.5	0
3	64QAM	8	4	21.19	21.39	21.24		
3	64QAM	8	7	21.21	21.22	21.05		
3	64QAM	15	0	21.25	21.24	21.25		
3	256QAM	1	0	19.14	19.20	19.33	20.5	2
3	256QAM	1	8	19.33	19.22	19.23		
3	256QAM	1	14	19.02	19.06	19.12		
3	256QAM	8	0	19.22	19.22	19.32	20.5	2
3	256QAM	8	4	19.34	19.24	19.34		
3	256QAM	8	7	19.39	19.20	19.05		
3	256QAM	15	0	19.20	19.20	19.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.07	21.24	21.20	22.5	0
1.4	QPSK	1	3	21.09	21.30	21.21		
1.4	QPSK	1	5	21.16	21.21	20.98		
1.4	QPSK	3	0	21.09	21.29	21.21		
1.4	QPSK	3	1	21.30	21.33	21.23		
1.4	QPSK	3	3	21.29	21.27	21.04		
1.4	QPSK	6	0	21.18	21.32	21.06	22.5	0
1.4	16QAM	1	0	20.95	21.14	21.13	22.5	0
1.4	16QAM	1	3	21.18	21.14	21.14		
1.4	16QAM	1	5	21.10	21.24	21.17		
1.4	16QAM	3	0	21.17	21.22	21.14		
1.4	16QAM	3	1	21.19	21.28	21.13		
1.4	16QAM	3	3	21.29	21.27	21.22		
1.4	16QAM	6	0	21.27	21.28	21.22	22.5	0
1.4	64QAM	1	0	21.15	21.25	21.09	22.5	0
1.4	64QAM	1	3	21.24	21.27	21.17		
1.4	64QAM	1	5	21.33	21.28	20.97		
1.4	64QAM	3	0	21.17	21.24	21.18		
1.4	64QAM	3	1	21.34	21.21	21.13		
1.4	64QAM	3	3	21.13	21.26	21.01		
1.4	64QAM	6	0	21.28	21.15	21.09	22.5	0
1.4	256QAM	1	0	19.23	19.30	19.26	20.5	2
1.4	256QAM	1	3	19.21	19.24	19.04		
1.4	256QAM	1	5	19.07	19.14	19.10		
1.4	256QAM	3	0	19.27	19.21	19.17		
1.4	256QAM	3	1	19.07	19.28	19.27		
1.4	256QAM	3	3	19.25	19.00	18.99		
1.4	256QAM	6	0	19.05	19.06	19.15	20.5	2

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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	19.27	19.41	19.36	20.5	0
20	QPSK	1	49	19.18	19.28	19.35		
20	QPSK	1	99	19.20	19.24	19.37		
20	QPSK	50	0	19.20	19.38	19.29	20.5	0
20	QPSK	50	24	19.32	19.29	19.21		
20	QPSK	50	50	19.33	19.36	19.27		
20	QPSK	100	0	19.31	19.35	19.26		
20	16QAM	1	0	19.40	19.39	19.24	20.5	0
20	16QAM	1	49	19.33	19.29	19.38		
20	16QAM	1	99	19.38	19.21	19.34		
20	16QAM	50	0	19.25	19.26	19.30	20.5	0
20	16QAM	50	24	19.35	19.30	19.40		
20	16QAM	50	50	19.33	19.39	19.29		
20	16QAM	100	0	19.32	19.28	19.36		
20	64QAM	1	0	19.21	19.32	19.29	20.5	0
20	64QAM	1	49	19.38	19.37	19.23		
20	64QAM	1	99	19.33	19.31	19.29		
20	64QAM	50	0	19.25	19.24	19.31	20.5	0
20	64QAM	50	24	19.36	19.29	19.39		
20	64QAM	50	50	19.34	19.39	19.26		
20	64QAM	100	0	19.29	19.28	19.38		
20	256QAM	1	0	19.14	19.34	19.35	20.5	0
20	256QAM	1	49	19.33	19.38	19.18		
20	256QAM	1	99	19.36	19.29	19.34		
20	256QAM	50	0	19.25	19.22	19.32	20.5	0
20	256QAM	50	24	19.30	19.36	19.33		
20	256QAM	50	50	19.25	19.38	19.32		
20	256QAM	100	0	19.29	19.33	19.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.27	19.38	19.37	20.5	0
15	QPSK	1	37	18.99	19.16	19.26		
15	QPSK	1	74	19.05	19.08	19.29		
15	QPSK	36	0	19.12	19.37	19.12	20.5	0
15	QPSK	36	20	19.13	19.16	19.14		
15	QPSK	36	39	19.12	19.33	19.21		
15	QPSK	75	0	19.15	19.13	19.10		
15	16QAM	1	0	19.33	19.31	19.03	20.5	0
15	16QAM	1	37	19.31	19.09	19.20		
15	16QAM	1	74	19.38	19.01	19.27		
15	16QAM	36	0	19.16	19.13	19.09	20.5	0
15	16QAM	36	20	19.36	19.08	19.22		
15	16QAM	36	39	19.24	19.18	19.14		
15	16QAM	75	0	19.33	19.12	19.34		
15	64QAM	1	0	19.23	19.26	19.23	20.5	0
15	64QAM	1	37	19.37	19.18	19.22		
15	64QAM	1	74	19.12	19.27	19.14		
15	64QAM	36	0	19.05	19.24	19.13	20.5	0
15	64QAM	36	20	19.30	19.13	19.38		
15	64QAM	36	39	19.14	19.29	19.14		
15	64QAM	75	0	19.24	19.10	19.40		
15	256QAM	1	0	19.13	19.32	19.29	20.5	0
15	256QAM	1	37	19.14	19.35	18.99		
15	256QAM	1	74	19.15	19.21	19.35		
15	256QAM	36	0	19.24	19.05	19.20	20.5	0
15	256QAM	36	20	19.17	19.26	19.16		
15	256QAM	36	39	19.23	19.26	19.10		
15	256QAM	75	0	19.20	19.21	19.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.05	19.29	19.32	20.5	0
10	QPSK	1	25	19.14	19.09	19.21		
10	QPSK	1	49	19.15	18.97	19.30		
10	QPSK	25	0	18.94	19.12	19.04	20.5	0
10	QPSK	25	12	19.12	19.11	19.18		
10	QPSK	25	25	19.16	19.14	19.01		
10	QPSK	50	0	19.18	19.12	19.13		
10	16QAM	1	0	19.32	19.14	19.07	20.5	0
10	16QAM	1	25	19.15	19.23	19.24		
10	16QAM	1	49	19.20	19.11	19.30		
10	16QAM	25	0	19.13	19.20	19.05	20.5	0
10	16QAM	25	12	19.32	19.22	19.14		
10	16QAM	25	25	19.18	19.27	19.13		
10	16QAM	50	0	19.12	19.21	19.13		
10	64QAM	1	0	19.02	19.17	19.13	20.5	0
10	64QAM	1	25	19.15	19.32	18.97		
10	64QAM	1	49	19.16	19.22	19.11		
10	64QAM	25	0	19.18	18.97	19.06	20.5	0
10	64QAM	25	12	19.16	19.12	19.19		
10	64QAM	25	25	19.23	19.35	19.14		
10	64QAM	50	0	19.11	19.07	19.25		
10	256QAM	1	0	18.93	19.24	19.17	20.5	0
10	256QAM	1	25	19.28	19.30	19.03		
10	256QAM	1	49	19.16	19.08	19.20		
10	256QAM	25	0	18.99	19.15	19.13	20.5	0
10	256QAM	25	12	19.21	19.21	19.13		
10	256QAM	25	25	19.04	19.15	19.09		
10	256QAM	50	0	19.05	19.14	19.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.22	19.25	19.31	20.5	0
5	QPSK	1	12	18.96	19.12	19.17		
5	QPSK	1	24	19.01	19.05	19.20		
5	QPSK	12	0	19.17	19.12	19.23	20.5	0
5	QPSK	12	7	19.09	19.24	19.02		
5	QPSK	12	13	19.07	19.28	19.09		
5	QPSK	25	0	19.07	19.31	19.18		
5	16QAM	1	0	19.20	19.30	19.10	20.5	0
5	16QAM	1	12	19.23	19.14	19.25		
5	16QAM	1	24	19.24	19.13	19.29		
5	16QAM	12	0	19.15	19.21	19.24	20.5	0
5	16QAM	12	7	19.27	19.18	19.18		
5	16QAM	12	13	19.13	19.32	19.08		
5	16QAM	25	0	19.06	19.09	19.16		
5	64QAM	1	0	19.15	19.06	19.16	20.5	0
5	64QAM	1	12	19.19	19.11	18.98		
5	64QAM	1	24	19.22	19.18	19.22		
5	64QAM	12	0	19.19	19.08	19.27	20.5	0
5	64QAM	12	7	19.12	19.24	19.25		
5	64QAM	12	13	19.15	19.15	19.22		
5	64QAM	25	0	19.15	19.13	19.17		
5	256QAM	1	0	18.91	19.11	19.12	20.5	0
5	256QAM	1	12	19.11	19.12	19.02		
5	256QAM	1	24	19.12	19.23	19.25		
5	256QAM	12	0	19.11	19.01	19.24	20.5	0
5	256QAM	12	7	19.05	19.16	19.29		
5	256QAM	12	13	19.18	19.14	19.08		
5	256QAM	25	0	19.14	19.07	19.13		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.38	22.45	22.29	23.5	0
20	QPSK	1	49	22.44	22.42	22.27		
20	QPSK	1	99	22.23	22.30	22.20		
20	QPSK	50	0	22.29	22.44	22.38	23.5	0
20	QPSK	50	24	22.29	22.36	22.37		
20	QPSK	50	50	22.31	22.42	22.32		
20	QPSK	100	0	22.33	22.35	22.30		
20	16QAM	1	0	22.33	22.29	22.28	23.5	0
20	16QAM	1	49	22.34	22.38	22.37		
20	16QAM	1	99	22.32	22.35	22.38		
20	16QAM	50	0	22.29	22.30	22.40	23.5	0
20	16QAM	50	24	22.31	22.28	22.38		
20	16QAM	50	50	22.39	22.44	22.35		
20	16QAM	100	0	22.37	22.31	22.36		
20	64QAM	1	0	22.29	22.33	22.31	23.5	0
20	64QAM	1	49	22.41	22.32	22.34		
20	64QAM	1	99	22.43	22.42	22.23		
20	64QAM	50	0	21.32	21.43	21.38	22.5	1
20	64QAM	50	24	21.34	21.32	21.38		
20	64QAM	50	50	21.29	21.26	21.35		
20	64QAM	100	0	21.31	21.35	21.39		
20	256QAM	1	0	19.26	19.41	19.22	20.5	3
20	256QAM	1	49	19.10	19.23	19.31		
20	256QAM	1	99	19.27	19.09	19.15		
20	256QAM	50	0	19.19	19.36	19.28	20.5	3
20	256QAM	50	24	19.28	19.19	19.24		
20	256QAM	50	50	19.35	19.31	19.32		
20	256QAM	100	0	19.35	19.46	19.34		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.31	22.41	22.11	23.5	0
15	QPSK	1	37	22.29	22.27	22.22		
15	QPSK	1	74	22.20	22.11	22.13		
15	QPSK	36	0	22.21	22.33	22.24	23.5	0
15	QPSK	36	20	22.14	22.21	22.28		
15	QPSK	36	39	22.21	22.34	22.28		
15	QPSK	75	0	22.27	22.32	22.12		
15	16QAM	1	0	22.33	22.31	22.09	23.5	0
15	16QAM	1	37	22.26	22.24	22.19		
15	16QAM	1	74	22.17	22.33	22.23		
15	16QAM	36	0	22.12	22.14	22.22	23.5	0
15	16QAM	36	20	22.12	22.18	22.22		
15	16QAM	36	39	22.25	22.26	22.25		
15	16QAM	75	0	22.21	22.29	22.24		
15	64QAM	1	0	22.17	22.18	22.12	23.5	0
15	64QAM	1	37	22.43	22.20	22.25		
15	64QAM	1	74	22.38	22.35	22.07		
15	64QAM	36	0	21.20	21.36	21.27	22.5	1
15	64QAM	36	20	21.24	21.26	21.18		
15	64QAM	36	39	21.13	21.25	21.24		
15	64QAM	75	0	21.17	21.32	21.38		
15	256QAM	1	0	19.35	19.42	19.23	20.5	3
15	256QAM	1	37	19.12	19.16	19.26		
15	256QAM	1	74	19.24	19.17	19.13		
15	256QAM	36	0	19.12	19.32	19.31	20.5	3
15	256QAM	36	20	19.27	19.20	19.28		
15	256QAM	36	39	19.39	19.30	19.36		
15	256QAM	75	0	19.36	19.48	19.34		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.17	22.34	22.17	23.5	0
10	QPSK	1	25	22.25	22.38	22.14		
10	QPSK	1	49	22.10	22.27	22.00		
10	QPSK	25	0	22.29	22.40	22.31	23.5	0
10	QPSK	25	12	22.13	22.31	22.28		
10	QPSK	25	25	22.23	22.31	22.20		
10	QPSK	50	0	22.19	22.28	22.13		
10	16QAM	1	0	22.25	22.10	22.18	23.5	0
10	16QAM	1	25	22.17	22.25	22.21		
10	16QAM	1	49	22.17	22.35	22.39		
10	16QAM	25	0	22.16	22.16	22.25	23.5	0
10	16QAM	25	12	22.21	22.22	22.32		
10	16QAM	25	25	22.29	22.41	22.25		
10	16QAM	50	0	22.38	22.14	22.29		
10	64QAM	1	0	22.30	22.29	22.14	23.5	0
10	64QAM	1	25	22.34	22.30	22.14		
10	64QAM	1	49	22.29	22.25	22.24		
10	64QAM	25	0	21.25	21.40	21.34	22.5	1
10	64QAM	25	12	21.34	21.21	21.27		
10	64QAM	25	25	21.29	21.13	21.15		
10	64QAM	50	0	21.29	21.33	21.26		
10	256QAM	1	0	19.31	19.47	19.30	20.5	3
10	256QAM	1	25	19.22	19.14	19.27		
10	256QAM	1	49	19.20	19.17	19.10		
10	256QAM	25	0	19.14	19.33	19.21	20.5	3
10	256QAM	25	12	19.21	19.25	19.31		
10	256QAM	25	25	19.38	19.26	19.41		
10	256QAM	50	0	19.37	19.50	19.37		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.33	22.29	22.06	23.5	0
5	QPSK	1	12	22.19	22.36	22.18		
5	QPSK	1	24	22.14	22.16	22.07		
5	QPSK	12	0	22.16	22.33	22.22	23.5	0
5	QPSK	12	7	22.26	22.23	22.29		
5	QPSK	12	13	22.16	22.29	22.27		
5	QPSK	25	0	22.10	22.16	22.14		
5	16QAM	1	0	22.29	22.08	22.09	23.5	0
5	16QAM	1	12	22.19	22.29	22.34		
5	16QAM	1	24	22.08	22.28	22.31		
5	16QAM	12	0	22.03	22.22	22.17	23.5	0
5	16QAM	12	7	22.24	22.03	22.26		
5	16QAM	12	13	22.32	22.40	22.20		
5	16QAM	25	0	22.29	22.26	22.26		
5	64QAM	1	0	22.20	22.20	22.21	23.5	0
5	64QAM	1	12	22.37	22.16	22.27		
5	64QAM	1	24	22.39	22.34	22.20		
5	64QAM	12	0	21.06	21.17	21.19	22.5	1
5	64QAM	12	7	21.13	21.13	21.23		
5	64QAM	12	13	21.18	20.99	21.25		
5	64QAM	25	0	21.11	21.10	21.32		
5	256QAM	1	0	19.30	19.45	19.28	20.5	3
5	256QAM	1	12	19.15	19.21	19.23		
5	256QAM	1	24	19.19	19.11	19.13		
5	256QAM	12	0	19.14	19.32	19.25	20.5	3
5	256QAM	12	7	19.25	19.18	19.30		
5	256QAM	12	13	19.38	19.25	19.34		
5	256QAM	25	0	19.40	19.45	19.36		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.13	22.23	22.06	23.5	0
3	QPSK	1	8	22.38	22.33	22.01		
3	QPSK	1	14	22.03	22.09	22.09		
3	QPSK	8	0	22.06	22.23	22.25	23.5	0
3	QPSK	8	4	22.17	22.27	22.33		
3	QPSK	8	7	22.14	22.16	22.13		
3	QPSK	15	0	22.09	22.12	22.06		
3	16QAM	1	0	22.24	22.18	22.11	23.5	0
3	16QAM	1	8	22.14	22.13	22.33		
3	16QAM	1	14	22.11	22.20	22.27		
3	16QAM	8	0	22.21	22.16	22.21	23.5	0
3	16QAM	8	4	22.17	22.24	22.16		
3	16QAM	8	7	22.28	22.32	22.12		
3	16QAM	15	0	22.32	22.17	22.17		
3	64QAM	1	0	22.26	22.09	22.12	23.5	0
3	64QAM	1	8	22.16	22.14	22.16		
3	64QAM	1	14	22.34	22.27	22.13		
3	64QAM	8	0	21.27	21.24	21.31	22.5	1
3	64QAM	8	4	21.10	21.15	21.19		
3	64QAM	8	7	21.03	21.07	21.10		
3	64QAM	15	0	21.22	21.25	21.33		
3	256QAM	1	0	19.33	19.42	19.26	20.5	3
3	256QAM	1	8	19.16	19.26	19.31		
3	256QAM	1	14	19.18	19.09	19.08		
3	256QAM	8	0	19.19	19.38	19.28	20.5	3
3	256QAM	8	4	19.22	19.28	19.35		
3	256QAM	8	7	19.45	19.19	19.32		
3	256QAM	15	0	19.36	19.49	19.28		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.07	22.24	22.15	23.5	0
1.4	QPSK	1	3	22.14	22.29	22.06		
1.4	QPSK	1	5	22.03	21.99	22.05		
1.4	QPSK	3	0	22.11	22.12	22.12		
1.4	QPSK	3	1	22.10	22.24	22.13		
1.4	QPSK	3	3	22.09	22.27	22.11		
1.4	QPSK	6	0	22.15	22.13	22.04	23.5	0
1.4	16QAM	1	0	22.01	22.03	22.13	23.5	0
1.4	16QAM	1	3	22.15	22.30	22.17		
1.4	16QAM	1	5	22.14	22.04	22.22		
1.4	16QAM	3	0	22.15	22.12	22.19		
1.4	16QAM	3	1	22.02	22.00	22.11		
1.4	16QAM	3	3	22.31	22.23	22.07		
1.4	16QAM	6	0	22.28	22.12	22.26	23.5	0
1.4	64QAM	1	0	22.07	22.20	22.06	23.5	0
1.4	64QAM	1	3	22.25	22.17	22.20		
1.4	64QAM	1	5	22.33	22.32	22.08		
1.4	64QAM	3	0	22.21	22.26	22.22		
1.4	64QAM	3	1	22.13	22.16	22.05		
1.4	64QAM	3	3	21.99	22.04	22.18		
1.4	64QAM	6	0	21.00	21.21	21.21	22.5	1
1.4	256QAM	1	0	19.32	19.46	19.25	20.5	3
1.4	256QAM	1	3	19.12	19.20	19.26		
1.4	256QAM	1	5	19.23	19.10	19.06		
1.4	256QAM	3	0	19.15	19.36	19.29		
1.4	256QAM	3	1	19.26	19.20	19.27		
1.4	256QAM	3	3	19.46	19.30	19.41		
1.4	256QAM	6	0	19.32	19.43	19.32	20.5	3

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BW [MHz]	Modulation	\	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	21.44	21.48	21.45	22.5	0
20	QPSK	1	49	21.34	21.41	21.43		
20	QPSK	1	99	21.30	21.23	21.30		
20	QPSK	50	0	21.40	21.46	21.42	22.5	0
20	QPSK	50	24	21.37	21.34	21.39		
20	QPSK	50	50	21.44	21.36	21.42		
20	QPSK	100	0	21.46	21.47	21.32		
20	16QAM	1	0	21.35	21.43	21.29	22.5	0
20	16QAM	1	49	21.39	21.31	21.28		
20	16QAM	1	99	21.34	21.37	21.29		
20	16QAM	50	0	21.42	21.39	21.42	22.5	0
20	16QAM	50	24	21.35	21.39	21.39		
20	16QAM	50	50	21.45	21.41	21.42		
20	16QAM	100	0	21.39	21.36	21.42		
20	64QAM	1	0	21.27	21.39	21.28	22.5	0
20	64QAM	1	49	21.38	21.33	21.35		
20	64QAM	1	99	21.43	21.44	21.45		
20	64QAM	50	0	21.42	21.42	21.43	22.5	0
20	64QAM	50	24	21.39	21.40	21.40		
20	64QAM	50	50	21.33	21.39	21.42		
20	64QAM	100	0	21.41	21.35	21.45		
20	256QAM	1	0	19.41	19.52	19.38	20.5	2
20	256QAM	1	49	19.27	19.31	19.36		
20	256QAM	1	99	19.35	19.25	19.22		
20	256QAM	50	0	19.28	19.43	19.38	20.5	2
20	256QAM	50	24	19.37	19.35	19.40		
20	256QAM	50	50	19.52	19.36	19.46		
20	256QAM	100	0	19.45	19.58	19.42		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.25	21.36	21.27	22.5	0
15	QPSK	1	37	21.14	21.29	21.32		
15	QPSK	1	74	21.18	21.05	21.25		
15	QPSK	36	0	21.18	21.40	21.33	22.5	0
15	QPSK	36	20	21.27	21.25	21.25		
15	QPSK	36	39	21.44	21.30	21.29		
15	QPSK	75	0	21.44	21.43	21.27		
15	16QAM	1	0	21.16	21.37	21.21	22.5	0
15	16QAM	1	37	21.32	21.18	21.19		
15	16QAM	1	74	21.14	21.30	21.16		
15	16QAM	36	0	21.20	21.24	21.32	22.5	0
15	16QAM	36	20	21.30	21.29	21.24		
15	16QAM	36	39	21.42	21.28	21.31		
15	16QAM	75	0	21.18	21.15	21.23		
15	64QAM	1	0	21.13	21.40	21.15	22.5	0
15	64QAM	1	37	21.35	21.14	21.15		
15	64QAM	1	74	21.26	21.41	21.31		
15	64QAM	36	0	21.32	21.31	21.35	22.5	0
15	64QAM	36	20	21.34	21.26	21.24		
15	64QAM	36	39	21.13	21.32	21.40		
15	64QAM	75	0	21.43	21.30	21.32		
15	256QAM	1	0	19.22	19.30	19.36	20.5	2
15	256QAM	1	37	19.27	19.15	19.30		
15	256QAM	1	74	19.14	19.09	19.10		
15	256QAM	36	0	19.10	19.41	19.23	20.5	2
15	256QAM	36	20	19.18	19.34	19.33		
15	256QAM	36	39	19.31	19.28	19.24		
15	256QAM	75	0	19.30	19.53	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.26	21.30	21.31	22.5	0
10	QPSK	1	25	21.16	21.34	21.34		
10	QPSK	1	49	21.21	21.07	21.24		
10	QPSK	25	0	21.23	21.25	21.28	22.5	0
10	QPSK	25	12	21.26	21.17	21.21		
10	QPSK	25	25	21.27	21.27	21.36		
10	QPSK	50	0	21.40	21.33	21.10		
10	16QAM	1	0	21.36	21.22	21.08	22.5	0
10	16QAM	1	25	21.19	21.29	21.20		
10	16QAM	1	49	21.31	21.33	21.19		
10	16QAM	25	0	21.31	21.41	21.43	22.5	0
10	16QAM	25	12	21.18	21.28	21.36		
10	16QAM	25	25	21.41	21.43	21.23		
10	16QAM	50	0	21.27	21.34	21.37		
10	64QAM	1	0	21.24	21.35	21.28	22.5	0
10	64QAM	1	25	21.25	21.16	21.33		
10	64QAM	1	49	21.23	21.43	21.38		
10	64QAM	25	0	21.30	21.32	21.34	22.5	0
10	64QAM	25	12	21.32	21.26	21.29		
10	64QAM	25	25	21.18	21.21	21.27		
10	64QAM	50	0	21.28	21.16	21.23		
10	256QAM	1	0	19.26	19.34	19.21	20.5	2
10	256QAM	1	25	19.29	19.24	19.21		
10	256QAM	1	49	19.15	19.12	19.24		
10	256QAM	25	0	19.13	19.32	19.35	20.5	2
10	256QAM	25	12	19.33	19.26	19.38		
10	256QAM	25	25	19.30	19.32	19.28		
10	256QAM	50	0	19.28	19.51	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.40	21.34	21.23	22.5	0
5	QPSK	1	12	21.28	21.21	21.30		
5	QPSK	1	24	21.17	21.17	21.12		
5	QPSK	12	0	21.13	21.38	21.38	22.5	0
5	QPSK	12	7	21.12	21.09	21.25		
5	QPSK	12	13	21.19	21.11	21.26		
5	QPSK	25	0	21.34	21.27	21.17		
5	16QAM	1	0	21.11	21.17	21.16	22.5	0
5	16QAM	1	12	21.21	21.10	21.04		
5	16QAM	1	24	21.19	21.33	21.07		
5	16QAM	12	0	21.34	21.24	21.23	22.5	0
5	16QAM	12	7	21.26	21.32	21.18		
5	16QAM	12	13	21.23	21.30	21.24		
5	16QAM	25	0	21.30	21.24	21.27		
5	64QAM	1	0	21.09	21.14	21.08	22.5	0
5	64QAM	1	12	21.34	21.10	21.24		
5	64QAM	1	24	21.24	21.40	21.25		
5	64QAM	12	0	21.36	21.19	21.36	22.5	0
5	64QAM	12	7	21.29	21.18	21.22		
5	64QAM	12	13	21.20	21.21	21.22		
5	64QAM	25	0	21.33	21.14	21.21		
5	256QAM	1	0	19.28	19.43	19.32	20.5	2
5	256QAM	1	12	19.11	19.07	19.24		
5	256QAM	1	24	19.31	19.05	19.07		
5	256QAM	12	0	19.04	19.32	19.25	20.5	2
5	256QAM	12	7	19.18	19.11	19.27		
5	256QAM	12	13	19.25	19.15	19.27		
5	256QAM	25	0	19.38	19.51	19.33		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.24	21.35	21.33	22.5	0
3	QPSK	1	8	21.18	21.18	21.25		
3	QPSK	1	14	21.08	21.13	21.15		
3	QPSK	8	0	21.22	21.38	21.29	22.5	0
3	QPSK	8	4	21.21	21.19	21.28		
3	QPSK	8	7	21.19	21.15	21.18		
3	QPSK	15	0	21.22	21.30	21.20		
3	16QAM	1	0	21.24	21.37	21.25	22.5	0
3	16QAM	1	8	21.23	21.27	21.11		
3	16QAM	1	14	21.14	21.24	21.04		
3	16QAM	8	0	21.21	21.33	21.24	22.5	0
3	16QAM	8	4	21.16	21.20	21.35		
3	16QAM	8	7	21.35	21.35	21.29		
3	16QAM	15	0	21.31	21.27	21.21		
3	64QAM	1	0	21.04	21.31	21.22	22.5	0
3	64QAM	1	8	21.18	21.29	21.09		
3	64QAM	1	14	21.26	21.39	21.21		
3	64QAM	8	0	21.29	21.33	21.20	22.5	0
3	64QAM	8	4	21.19	21.25	21.23		
3	64QAM	8	7	21.23	21.17	21.38		
3	64QAM	15	0	21.35	21.26	21.20		
3	256QAM	1	0	19.25	19.35	19.21	20.5	2
3	256QAM	1	8	19.07	19.10	19.32		
3	256QAM	1	14	19.17	19.07	19.09		
3	256QAM	8	0	19.05	19.18	19.33	20.5	2
3	256QAM	8	4	19.32	19.08	19.14		
3	256QAM	8	7	19.29	19.31	19.36		
3	256QAM	15	0	19.32	19.40	19.24		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.16	21.25	21.26	22.5	0
1.4	QPSK	1	3	21.17	21.13	21.12		
1.4	QPSK	1	5	21.17	21.06	20.99		
1.4	QPSK	3	0	21.20	21.19	21.34		
1.4	QPSK	3	1	21.06	21.18	21.21		
1.4	QPSK	3	3	21.33	21.16	21.34		
1.4	QPSK	6	0	21.18	21.18	21.19	22.5	0
1.4	16QAM	1	0	21.10	21.22	21.09	22.5	0
1.4	16QAM	1	3	21.08	21.07	21.07		
1.4	16QAM	1	5	21.13	21.18	21.15		
1.4	16QAM	3	0	21.25	21.09	21.17		
1.4	16QAM	3	1	21.11	21.23	21.19		
1.4	16QAM	3	3	21.30	21.12	21.14		
1.4	16QAM	6	0	21.24	21.08	21.18	22.5	0
1.4	64QAM	1	0	21.07	21.24	21.11	22.5	0
1.4	64QAM	1	3	21.14	21.13	21.06		
1.4	64QAM	1	5	21.34	21.30	21.24		
1.4	64QAM	3	0	21.16	21.20	21.31		
1.4	64QAM	3	1	21.27	21.17	21.24		
1.4	64QAM	3	3	21.25	21.18	21.17		
1.4	64QAM	6	0	21.18	21.06	21.30	22.5	0
1.4	256QAM	1	0	19.29	19.38	19.23	20.5	2
1.4	256QAM	1	3	19.17	19.10	19.11		
1.4	256QAM	1	5	19.24	19.00	19.07		
1.4	256QAM	3	0	19.07	19.31	19.25		
1.4	256QAM	3	1	19.24	19.19	19.29		
1.4	256QAM	3	3	19.34	19.21	19.28		
1.4	256QAM	6	0	19.33	19.42	19.18	20.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.42	23.49	23.35	24.5	0
20	QPSK	1	49	23.33	23.43	23.42		
20	QPSK	1	99	23.46	23.46	23.38		
20	QPSK	50	0	23.38	23.47	23.30	24.5	0
20	QPSK	50	24	23.39	23.43	23.41		
20	QPSK	50	50	23.44	23.40	23.39		
20	QPSK	100	0	23.40	23.44	23.40		
20	16QAM	1	0	23.40	23.30	23.44	24.5	0
20	16QAM	1	49	23.31	23.47	23.35		
20	16QAM	1	99	23.40	23.31	23.32		
20	16QAM	50	0	22.34	22.33	22.32	23.5	1
20	16QAM	50	24	22.52	22.46	22.43		
20	16QAM	50	50	22.47	22.40	22.38		
20	16QAM	100	0	22.45	22.41	22.38		
20	64QAM	1	0	22.35	22.29	22.29	23.5	1
20	64QAM	1	49	22.08	22.21	22.39		
20	64QAM	1	99	22.37	22.30	22.36		
20	64QAM	50	0	21.37	21.32	21.32	22.5	2
20	64QAM	50	24	21.48	21.43	21.44		
20	64QAM	50	50	21.44	21.41	21.38		
20	64QAM	100	0	21.41	21.39	21.38		
20	256QAM	1	0	19.43	19.52	19.41	20.5	4
20	256QAM	1	49	19.31	19.52	19.50		
20	256QAM	1	99	19.34	19.36	19.28		
20	256QAM	50	0	19.39	19.54	19.32	20.5	4
20	256QAM	50	24	19.46	19.36	19.47		
20	256QAM	50	50	19.46	19.43	19.36		
20	256QAM	100	0	19.29	19.55	19.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.41	23.31	23.14	24.5	0
15	QPSK	1	37	23.13	23.26	23.38		
15	QPSK	1	74	23.37	23.45	23.37		
15	QPSK	36	0	23.23	23.38	23.08	24.5	0
15	QPSK	36	20	23.21	23.37	23.22		
15	QPSK	36	39	23.23	23.37	23.17		
15	QPSK	75	0	23.24	23.41	23.27		
15	16QAM	1	0	23.27	23.16	23.25	24.5	0
15	16QAM	1	37	23.13	23.47	23.28		
15	16QAM	1	74	23.33	23.10	23.33		
15	16QAM	36	0	22.15	22.34	22.11	23.5	1
15	16QAM	36	20	22.43	22.33	22.37		
15	16QAM	36	39	22.40	22.28	22.32		
15	16QAM	75	0	22.33	22.37	22.37		
15	64QAM	1	0	22.15	22.23	22.26	23.5	1
15	64QAM	1	37	21.99	22.09	22.29		
15	64QAM	1	74	22.20	22.08	22.30		
15	64QAM	36	0	21.22	21.31	21.16	22.5	2
15	64QAM	36	20	21.32	21.36	21.25		
15	64QAM	36	39	21.32	21.42	21.35		
15	64QAM	75	0	21.26	21.41	21.35		
15	256QAM	1	0	19.27	19.40	19.40	20.5	4
15	256QAM	1	37	19.28	19.33	19.44		
15	256QAM	1	74	19.24	19.26	19.23		
15	256QAM	36	0	19.23	19.46	19.32	20.5	4
15	256QAM	36	20	19.26	19.36	19.42		
15	256QAM	36	39	19.27	19.35	19.27		
15	256QAM	75	0	19.17	19.54	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.28	23.44	23.10	24.5	0
10	QPSK	1	25	23.18	23.25	23.37		
10	QPSK	1	49	23.29	23.20	23.20		
10	QPSK	25	0	23.16	23.41	23.24	24.5	0
10	QPSK	25	12	23.27	23.33	23.26		
10	QPSK	25	25	23.40	23.26	23.25		
10	QPSK	50	0	23.34	23.25	23.18		
10	16QAM	1	0	23.37	23.22	23.20	24.5	0
10	16QAM	1	25	23.10	23.38	23.17		
10	16QAM	1	49	23.21	23.19	23.05		
10	16QAM	25	0	22.10	22.15	22.06	23.5	1
10	16QAM	25	12	22.27	22.25	22.18		
10	16QAM	25	25	22.37	22.33	22.31		
10	16QAM	50	0	22.31	22.31	22.16		
10	64QAM	1	0	22.20	22.12	22.19	23.5	1
10	64QAM	1	25	22.03	21.97	22.15		
10	64QAM	1	49	22.33	22.25	22.10		
10	64QAM	25	0	21.13	21.11	21.17	22.5	2
10	64QAM	25	12	21.33	21.21	21.24		
10	64QAM	25	25	21.33	21.37	21.16		
10	64QAM	50	0	21.23	21.31	21.24		
10	256QAM	1	0	19.35	19.25	19.28	20.5	4
10	256QAM	1	25	19.14	19.32	19.26		
10	256QAM	1	49	19.09	19.30	19.03		
10	256QAM	25	0	19.14	19.31	19.11	20.5	4
10	256QAM	25	12	19.21	19.31	19.43		
10	256QAM	25	25	19.25	19.30	19.09		
10	256QAM	50	0	19.07	19.38	19.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.12	23.18	23.17	24.5	0
5	QPSK	1	12	23.08	23.11	23.16		
5	QPSK	1	24	23.21	23.15	23.16		
5	QPSK	12	0	23.23	23.26	23.01	24.5	0
5	QPSK	12	7	23.19	23.14	23.31		
5	QPSK	12	13	23.12	23.21	23.12		
5	QPSK	25	0	23.29	23.24	23.12		
5	16QAM	1	0	23.20	23.06	23.30	24.5	0
5	16QAM	1	12	23.07	23.31	23.06		
5	16QAM	1	24	23.24	23.18	23.23		
5	16QAM	12	0	22.22	22.21	22.04	23.5	1
5	16QAM	12	7	22.29	22.16	22.19		
5	16QAM	12	13	22.39	22.14	22.23		
5	16QAM	25	0	22.24	22.22	22.10		
5	64QAM	1	0	22.05	22.20	22.20	23.5	1
5	64QAM	1	12	21.94	21.91	22.08		
5	64QAM	1	24	22.23	22.02	22.26		
5	64QAM	12	0	21.22	21.17	21.04	22.5	2
5	64QAM	12	7	21.22	21.12	21.18		
5	64QAM	12	13	21.33	21.26	21.09		
5	64QAM	25	0	21.32	21.12	21.27		
5	256QAM	1	0	19.19	19.33	19.27	20.5	4
5	256QAM	1	12	19.01	19.31	19.38		
5	256QAM	1	24	19.18	19.11	18.99		
5	256QAM	12	0	19.11	19.28	19.19	20.5	4
5	256QAM	12	7	19.35	19.26	19.20		
5	256QAM	12	13	19.23	19.24	19.10		
5	256QAM	25	0	19.20	19.27	19.30		

Band 41 Ant3_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.37	23.34	23.50	23.48	23.35	24.5	0
20	QPSK	1	49	23.36	23.36	23.48	23.37	23.26		
20	QPSK	1	99	23.22	23.37	23.42	23.41	23.19		
20	QPSK	50	0	23.25	23.24	23.46	23.32	23.28	24.5	0
20	QPSK	50	24	23.33	23.36	23.36	23.35	23.28		
20	QPSK	50	50	23.29	23.36	23.44	23.38	23.22		
20	QPSK	100	0	23.30	23.35	23.43	23.31	23.24		
20	16QAM	1	0	23.23	23.20	23.41	23.39	23.27	24.5	0
20	16QAM	1	49	23.38	23.34	23.39	23.43	23.41		
20	16QAM	1	99	23.17	23.31	23.36	23.29	23.21		
20	16QAM	50	0	22.27	22.27	22.38	22.37	22.30	23.5	1
20	16QAM	50	24	22.35	22.37	22.43	22.35	22.26		
20	16QAM	50	50	22.29	22.32	22.41	22.38	22.21		
20	16QAM	100	0	22.31	22.35	22.45	22.33	22.26		
20	64QAM	1	0	22.25	22.20	22.37	22.38	22.20	23.5	1
20	64QAM	1	49	22.23	22.32	22.36	22.34	22.26		
20	64QAM	1	99	22.11	22.28	22.31	22.30	22.17		
20	64QAM	50	0	21.23	21.23	21.38	21.34	21.30	22.5	2
20	64QAM	50	24	21.33	21.37	21.45	21.35	21.28		
20	64QAM	50	50	21.27	21.36	21.43	21.37	21.23		
20	64QAM	100	0	21.33	21.33	21.43	21.32	21.26		
20	256QAM	1	0	19.38	19.34	19.51	19.48	19.39	20.5	4
20	256QAM	1	49	19.31	19.42	19.42	19.33	19.24		
20	256QAM	1	99	19.29	19.42	19.34	19.35	19.24		
20	256QAM	50	0	19.36	19.13	19.45	19.25	19.29	20.5	4
20	256QAM	50	24	19.28	19.41	19.42	19.40	19.39		
20	256QAM	50	50	19.29	19.39	19.31	19.42	19.24		
20	256QAM	100	0	19.40	19.27	19.46	19.30	19.12		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.38	23.26	23.34	23.41	23.16	24.50	0
15	QPSK	1	37	23.18	23.15	23.41	23.26	23.27		
15	QPSK	1	74	23.05	23.23	23.35	23.42	23.18		
15	QPSK	36	0	23.26	23.19	23.39	23.30	23.20	24.5	0
15	QPSK	36	20	23.24	23.22	23.31	23.20	23.20		
15	QPSK	36	39	23.13	23.22	23.43	23.25	23.07		
15	QPSK	75	0	23.29	23.36	23.33	23.27	23.21		
15	16QAM	1	0	23.24	23.11	23.27	23.35	23.19	24.5	0
15	16QAM	1	37	23.26	23.35	23.32	23.23	23.41		
15	16QAM	1	74	23.04	23.26	23.27	23.20	23.20		
15	16QAM	36	0	22.09	22.25	22.35	22.21	22.20	23.5	1
15	16QAM	36	20	22.30	22.27	22.39	22.27	22.25		
15	16QAM	36	39	22.12	22.31	22.29	22.37	22.03		
15	16QAM	75	0	22.24	22.16	22.34	22.18	22.08		
15	64QAM	1	0	22.21	22.16	22.34	22.17	22.19	23.5	1
15	64QAM	1	37	22.02	22.20	22.22	22.29	22.22		
15	64QAM	1	74	21.95	22.26	22.24	22.29	22.02		
15	64QAM	36	0	21.09	21.01	21.29	21.30	21.22	22.5	2
15	64QAM	36	20	21.28	21.32	21.35	21.22	21.16		
15	64QAM	36	39	21.29	21.25	21.36	21.25	21.09		
15	64QAM	75	0	21.27	21.22	21.29	21.10	21.18		
15	256QAM	1	0	19.26	19.28	19.32	19.34	19.35	20.5	4
15	256QAM	1	37	19.24	19.38	19.32	19.17	19.04		
15	256QAM	1	74	19.12	19.28	19.13	19.31	19.09		
15	256QAM	36	0	19.20	18.94	19.33	19.11	19.24	20.5	4
15	256QAM	36	20	19.07	19.21	19.28	19.19	19.26		
15	256QAM	36	39	19.27	19.31	19.14	19.24	19.04		
15	256QAM	75	0	19.33	19.17	19.35	19.18	18.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.27	23.22	23.35	23.39	23.23	24.50	0
10	QPSK	1	25	23.16	23.15	23.35	23.23	23.08		
10	QPSK	1	49	23.06	23.27	23.24	23.29	23.02		
10	QPSK	25	0	23.13	23.11	23.33	23.17	23.12	24.5	0
10	QPSK	25	12	23.19	23.20	23.18	23.16	23.18		
10	QPSK	25	25	23.17	23.20	23.25	23.28	23.09		
10	QPSK	50	0	23.12	23.25	23.26	23.12	23.04		
10	16QAM	1	0	23.10	23.00	23.22	23.20	23.09	24.5	0
10	16QAM	1	25	23.25	23.15	23.23	23.28	23.27		
10	16QAM	1	49	23.03	23.15	23.26	23.11	23.05		
10	16QAM	25	0	22.14	22.15	22.21	22.20	22.18	23.5	1
10	16QAM	25	12	22.14	22.20	22.29	22.17	22.10		
10	16QAM	25	25	22.18	22.13	22.31	22.21	22.08		
10	16QAM	50	0	22.17	22.25	22.24	22.17	22.12		
10	64QAM	1	0	22.15	22.00	22.24	22.29	22.01	23.5	1
10	64QAM	1	25	22.09	22.18	22.22	22.15	22.06		
10	64QAM	1	49	21.97	22.11	22.19	22.19	22.02		
10	64QAM	25	0	21.07	21.13	21.24	21.16	21.18	22.5	2
10	64QAM	25	12	21.16	21.20	21.30	21.15	21.14		
10	64QAM	25	25	21.17	21.21	21.28	21.17	21.08		
10	64QAM	50	0	21.14	21.21	21.24	21.18	21.15		
10	256QAM	1	0	19.29	19.15	19.30	19.32	19.27	20.5	4
10	256QAM	1	25	19.20	19.30	19.27	19.15	19.11		
10	256QAM	1	49	19.18	19.32	19.15	19.16	19.10		
10	256QAM	25	0	19.21	18.99	19.34	19.06	19.08	20.5	4
10	256QAM	25	12	19.19	19.30	19.32	19.23	19.30		
10	256QAM	25	25	19.13	19.24	19.15	19.23	19.11		
10	256QAM	50	0	19.26	19.17	19.33	19.16	18.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.19	23.10	23.35	23.39	23.14	24.50	0
5	QPSK	1	12	23.21	23.29	23.38	23.19	23.11		
5	QPSK	1	24	23.11	23.29	23.33	23.25	23.02		
5	QPSK	12	0	23.14	23.04	23.37	23.17	23.03	24.5	0
5	QPSK	12	7	23.14	23.17	23.12	23.17	23.05		
5	QPSK	12	13	23.15	23.26	23.29	23.17	23.08		
5	QPSK	25	0	23.23	23.28	23.25	23.14	23.06		
5	16QAM	1	0	23.01	23.00	23.29	23.15	23.17	24.5	0
5	16QAM	1	12	23.21	23.15	23.28	23.30	23.30		
5	16QAM	1	24	23.01	23.12	23.30	23.18	23.00		
5	16QAM	12	0	22.04	22.10	22.18	22.13	22.15	23.5	1
5	16QAM	12	7	22.19	22.31	22.30	22.27	22.09		
5	16QAM	12	13	22.23	22.13	22.33	22.28	22.16		
5	16QAM	25	0	22.14	22.16	22.28	22.13	22.02		
5	64QAM	1	0	22.18	22.06	22.29	22.30	22.14	23.5	1
5	64QAM	1	12	22.12	22.18	22.30	22.23	22.10		
5	64QAM	1	24	22.03	22.05	22.22	22.14	21.98		
5	64QAM	12	0	21.02	21.14	21.29	21.23	21.11	22.5	2
5	64QAM	12	7	21.10	21.22	21.34	21.17	21.14		
5	64QAM	12	13	21.15	21.12	21.24	21.28	21.08		
5	64QAM	25	0	21.18	21.10	21.20	21.07	21.01		
5	256QAM	1	0	19.28	19.23	19.40	19.29	19.31	20.5	4
5	256QAM	1	12	19.22	19.21	19.36	19.24	19.01		
5	256QAM	1	24	19.12	19.32	19.15	19.28	19.04		
5	256QAM	12	0	19.19	18.97	19.36	19.10	19.17	20.5	4
5	256QAM	12	7	19.06	19.26	19.26	19.29	19.16		
5	256QAM	12	13	19.12	19.20	19.18	19.26	19.01		
5	256QAM	25	0	19.32	19.09	19.29	19.19	19.07		

GSM1900 Ant4 DSI3

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.72	29.53	29.50	30.50	20.72	20.53	20.50	21.50
GPRS 1 Tx slot	29.48	29.77	29.86	30.50	20.48	20.77	20.86	21.50
GPRS 2 Tx slots	26.19	26.07	25.97	27.50	20.19	20.07	19.97	21.50
GPRS 3 Tx slots	24.55	24.77	24.63	25.50	20.29	20.51	20.37	21.24
GPRS 4 Tx slots	23.21	23.38	23.24	24.50	20.21	20.38	20.24	21.50
EDGE 1 Tx slot	25.18	25.59	25.25	26.50	16.18	16.59	16.25	17.50
EDGE 2 Tx slots	21.97	22.08	22.22	23.00	15.97	16.08	16.22	17.00
EDGE 3 Tx slots	20.22	20.64	20.39	21.50	15.96	16.38	16.13	17.24
EDGE 4 Tx slots	18.71	18.97	18.92	20.50	15.71	15.97	15.92	17.50

WCDMA II Ant4 DSI3 / WCDMA IV Ant4 DSI3

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.87	20.04	19.60	21.00	18.93	18.94	19.04	20.00
3GPP Rel 99	RMC 12.2Kbps	19.87	20.08	19.72	21.00	18.86	19.09	19.09	20.00
3GPP Rel 6	HSDPA Subtest-1	19.41	18.96	19.40	20.00	18.00	17.76	17.88	19.00
3GPP Rel 6	HSDPA Subtest-2	19.43	18.97	19.43	20.00	17.56	17.87	17.71	19.00
3GPP Rel 6	HSDPA Subtest-3	18.91	18.53	18.71	19.50	17.50	17.39	17.28	18.50
3GPP Rel 6	HSDPA Subtest-4	18.75	18.42	18.72	19.50	17.22	17.43	17.11	18.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.07	18.86	19.11	20.00	18.00	17.80	17.85	19.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.09	18.74	19.23	20.00	17.61	17.85	17.61	19.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.76	18.45	18.63	19.50	17.49	17.38	17.05	18.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.65	18.22	18.64	19.50	17.40	17.57	17.36	18.50
3GPP Rel 6	HSUPA Subtest-1	19.29	18.80	18.82	20.00	17.70	17.61	18.04	19.00
3GPP Rel 6	HSUPA Subtest-2	17.38	17.00	16.95	18.00	15.66	15.77	15.63	17.00
3GPP Rel 6	HSUPA Subtest-3	18.20	17.80	17.74	19.00	16.82	17.03	16.74	18.00
3GPP Rel 6	HSUPA Subtest-4	17.33	16.92	16.91	18.00	15.59	15.59	15.63	17.00
3GPP Rel 6	HSUPA Subtest-5	19.28	18.94	18.84	20.00	17.49	17.86	17.69	19.00

Band 2 Ant4 DSI3

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	19.09	19.15	18.81	20.5	0
20	QPSK	1	49	19.03	19.08	18.97		
20	QPSK	1	99	18.85	18.93	19.00		
20	QPSK	50	0	18.97	19.11	18.93	20.5	0
20	QPSK	50	24	18.89	18.97	18.90		
20	QPSK	50	50	18.85	18.97	19.01		
20	QPSK	100	0	19.07	19.13	18.76		
20	16QAM	1	0	18.90	19.04	18.88	20.5	0
20	16QAM	1	49	18.78	18.90	18.86		
20	16QAM	1	99	18.92	19.02	18.78		
20	16QAM	50	0	18.98	18.93	18.84	20.5	0
20	16QAM	50	24	18.85	19.02	18.88		
20	16QAM	50	50	19.02	19.14	18.92		
20	16QAM	100	0	18.94	19.01	18.88		
20	64QAM	1	0	18.84	18.93	18.84	20.5	0
20	64QAM	1	49	19.02	18.96	18.92		
20	64QAM	1	99	18.97	19.09	18.88		
20	64QAM	50	0	18.94	18.84	18.84	20.5	0
20	64QAM	50	24	18.99	19.11	18.83		
20	64QAM	50	50	19.06	18.99	18.82		
20	64QAM	100	0	18.79	18.95	18.86		
20	256QAM	1	0	18.92	19.01	18.75	20.5	0
20	256QAM	1	49	18.97	19.08	18.82		
20	256QAM	1	99	18.84	19.05	19.04		
20	256QAM	50	0	18.91	19.12	18.70	20.5	0
20	256QAM	50	24	18.99	19.06	18.85		
20	256QAM	50	50	19.06	19.04	18.92		
20	256QAM	100	0	19.02	19.10	18.82		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.03	18.85	18.67	20.5	0
15	QPSK	1	37	19.01	19.09	18.92		
15	QPSK	1	74	18.79	18.90	18.81		
15	QPSK	36	0	18.85	18.87	18.91	20.5	0
15	QPSK	36	20	18.86	18.99	18.92		
15	QPSK	36	39	18.86	18.86	18.99		
15	QPSK	75	0	18.91	19.08	18.70		
15	16QAM	1	0	18.91	19.03	18.86	20.5	0
15	16QAM	1	37	18.59	18.84	18.72		
15	16QAM	1	74	18.89	19.01	18.76		
15	16QAM	36	0	18.80	18.85	18.85	20.5	0
15	16QAM	36	20	18.70	18.95	18.84		
15	16QAM	36	39	18.80	18.97	18.71		
15	16QAM	75	0	18.83	19.01	18.81		
15	64QAM	1	0	18.84	18.93	18.71	20.5	0
15	64QAM	1	37	18.87	18.92	18.80		
15	64QAM	1	74	18.96	18.96	18.80		
15	64QAM	36	0	18.74	18.64	18.80	20.5	0
15	64QAM	36	20	18.85	19.09	18.64		
15	64QAM	36	39	18.98	18.94	18.61		
15	64QAM	75	0	18.78	18.78	18.84		
15	256QAM	1	0	18.84	18.87	18.59	20.5	0
15	256QAM	1	37	18.97	19.00	18.73		
15	256QAM	1	74	18.65	18.85	18.84		
15	256QAM	36	0	18.91	19.09	18.70	20.5	0
15	256QAM	36	20	18.81	18.91	18.65		
15	256QAM	36	39	19.03	18.98	18.76		
15	256QAM	75	0	18.98	19.07	18.66		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.96	18.87	18.74	20.5	0
10	QPSK	1	25	18.95	19.08	18.87		
10	QPSK	1	49	18.65	18.77	18.86		
10	QPSK	25	0	18.85	18.96	18.89	20.5	0
10	QPSK	25	12	18.91	18.91	18.75		
10	QPSK	25	25	18.77	18.91	18.96		
10	QPSK	50	0	18.96	18.92	18.67		
10	16QAM	1	0	18.81	18.94	18.81	20.5	0
10	16QAM	1	25	18.76	18.89	18.73		
10	16QAM	1	49	18.90	18.85	18.79		
10	16QAM	25	0	18.99	18.77	18.78	20.5	0
10	16QAM	25	12	18.68	18.99	18.84		
10	16QAM	25	25	18.93	19.00	18.91		
10	16QAM	50	0	18.96	19.03	18.68		
10	64QAM	1	0	18.80	18.95	18.82	20.5	0
10	64QAM	1	25	18.98	18.83	18.87		
10	64QAM	1	49	18.84	18.99	18.90		
10	64QAM	25	0	18.82	18.67	18.63	20.5	0
10	64QAM	25	12	18.80	19.11	18.82		
10	64QAM	25	25	18.87	18.80	18.63		
10	64QAM	50	0	18.64	18.92	18.88		
10	256QAM	1	0	18.74	18.80	18.66	20.5	0
10	256QAM	1	25	18.90	19.05	18.78		
10	256QAM	1	49	18.64	18.91	18.92		
10	256QAM	25	0	18.86	19.04	18.71	20.5	0
10	256QAM	25	12	18.93	18.89	18.82		
10	256QAM	25	25	19.00	19.10	18.71		
10	256QAM	50	0	18.83	18.89	18.60		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.06	18.74	18.82	20.5	0
5	QPSK	1	12	18.93	19.01	18.88		
5	QPSK	1	24	18.78	18.93	18.89		
5	QPSK	12	0	18.85	18.77	18.94	20.5	0
5	QPSK	12	7	18.87	19.05	18.91		
5	QPSK	12	13	18.78	18.97	18.86		
5	QPSK	25	0	18.99	18.99	18.74		
5	16QAM	1	0	18.75	18.84	18.83	20.5	0
5	16QAM	1	12	18.80	18.69	18.88		
5	16QAM	1	24	18.74	19.02	18.58		
5	16QAM	12	0	18.87	18.80	18.79	20.5	0
5	16QAM	12	7	18.75	18.96	18.87		
5	16QAM	12	13	18.86	19.08	18.87		
5	16QAM	25	0	18.83	18.79	18.89		
5	64QAM	1	0	18.82	18.77	18.83	20.5	0
5	64QAM	1	12	18.84	18.87	18.76		
5	64QAM	1	24	18.91	18.96	18.84		
5	64QAM	12	0	18.90	18.82	18.70	20.5	0
5	64QAM	12	7	18.82	18.99	18.76		
5	64QAM	12	13	18.91	18.85	18.61		
5	64QAM	25	0	18.75	18.86	18.74		
5	256QAM	1	0	18.83	18.85	18.72	20.5	0
5	256QAM	1	12	18.83	18.92	18.61		
5	256QAM	1	24	18.69	18.86	19.01		
5	256QAM	12	0	18.91	19.11	18.62	20.5	0
5	256QAM	12	7	18.80	18.93	18.73		
5	256QAM	12	13	18.93	18.93	18.90		
5	256QAM	25	0	19.00	19.03	18.75		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.93	18.88	18.74	20.5	0
3	QPSK	1	8	18.92	19.04	18.91		
3	QPSK	1	14	18.66	18.81	18.97		
3	QPSK	8	0	18.80	18.87	18.85	20.5	0
3	QPSK	8	4	18.85	19.10	18.88		
3	QPSK	8	7	18.76	18.91	19.00		
3	QPSK	15	0	18.94	18.95	18.76		
3	16QAM	1	0	18.89	18.88	18.78	20.5	0
3	16QAM	1	8	18.70	18.81	18.79		
3	16QAM	1	14	18.84	18.90	18.72		
3	16QAM	8	0	18.82	18.83	18.72	20.5	0
3	16QAM	8	4	18.77	18.85	18.69		
3	16QAM	8	7	19.01	19.06	18.74		
3	16QAM	15	0	18.88	18.87	18.77		
3	64QAM	1	0	18.73	18.84	18.76	20.5	0
3	64QAM	1	8	19.00	18.83	18.72		
3	64QAM	1	14	18.80	19.03	18.82		
3	64QAM	8	0	18.78	18.65	18.67	20.5	0
3	64QAM	8	4	18.97	18.93	18.74		
3	64QAM	8	7	18.86	18.82	18.74		
3	64QAM	15	0	18.81	18.78	18.87		
3	256QAM	1	0	18.71	19.02	18.59	20.5	0
3	256QAM	1	8	18.83	19.01	18.78		
3	256QAM	1	14	18.80	18.92	19.05		
3	256QAM	8	0	18.81	18.97	18.67	20.5	0
3	256QAM	8	4	18.85	18.99	18.74		
3	256QAM	8	7	19.01	18.99	18.87		
3	256QAM	15	0	18.93	18.94	18.79		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.10	18.93	18.69	20.5	0
1.4	QPSK	1	3	18.90	18.97	18.94		
1.4	QPSK	1	5	18.79	18.86	18.93		
1.4	QPSK	3	0	18.78	18.87	18.83		
1.4	QPSK	3	1	18.80	18.92	18.85		
1.4	QPSK	3	3	18.66	18.88	18.88		
1.4	QPSK	6	0	19.00	19.10	18.65	20.5	0
1.4	16QAM	1	0	18.75	19.05	18.69	20.5	0
1.4	16QAM	1	3	18.67	18.78	18.69		
1.4	16QAM	1	5	18.74	18.90	18.79		
1.4	16QAM	3	0	18.89	18.81	18.83		
1.4	16QAM	3	1	18.76	19.03	18.85		
1.4	16QAM	3	3	19.04	18.95	18.85		
1.4	16QAM	6	0	18.78	19.03	18.70	20.5	0
1.4	64QAM	1	0	18.66	18.76	18.70	20.5	0
1.4	64QAM	1	3	18.93	18.86	18.87		
1.4	64QAM	1	5	18.83	18.96	18.82		
1.4	64QAM	3	0	18.77	18.69	18.71		
1.4	64QAM	3	1	18.83	19.11	18.79		
1.4	64QAM	3	3	18.87	19.01	18.73		
1.4	64QAM	6	0	18.70	18.73	18.68	20.5	0
1.4	256QAM	1	0	18.77	18.89	18.59	20.5	0
1.4	256QAM	1	3	18.96	19.07	18.76		
1.4	256QAM	1	5	18.68	18.98	18.92		
1.4	256QAM	3	0	18.87	19.00	18.52		
1.4	256QAM	3	1	18.86	18.92	18.79		
1.4	256QAM	3	3	19.01	19.00	18.77		
1.4	256QAM	6	0	19.04	18.88	18.72	20.5	0

Band 4 Ant4_DSI3

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	19.14	19.30	19.27	20.5	0
20	QPSK	1	49	19.26	19.18	19.14		
20	QPSK	1	99	19.15	19.12	19.16		
20	QPSK	50	0	19.21	19.30	19.29	20.5	0
20	QPSK	50	24	19.29	19.29	19.23		
20	QPSK	50	50	19.25	19.21	19.15		
20	QPSK	100	0	19.13	19.25	19.21		
20	16QAM	1	0	19.23	19.17	19.22	20.5	0
20	16QAM	1	49	19.27	19.28	19.19		
20	16QAM	1	99	19.12	19.11	19.24		
20	16QAM	50	0	19.21	19.25	19.27	20.5	0
20	16QAM	50	24	19.25	19.26	19.22		
20	16QAM	50	50	19.24	19.17	19.13		
20	16QAM	100	0	19.25	19.27	19.18		
20	64QAM	1	0	19.25	19.14	19.24	20.5	0
20	64QAM	1	49	19.21	19.21	19.28		
20	64QAM	1	99	19.26	19.28	19.07		
20	64QAM	50	0	19.22	19.24	19.29	20.5	0
20	64QAM	50	24	19.26	19.26	19.22		
20	64QAM	50	50	19.23	19.19	19.13		
20	64QAM	100	0	19.26	19.24	19.18		
20	256QAM	1	0	19.12	19.23	19.13	20.5	0
20	256QAM	1	49	19.08	19.15	18.98		
20	256QAM	1	99	19.03	19.01	19.10		
20	256QAM	50	0	19.03	19.26	19.28	20.5	0
20	256QAM	50	24	19.21	19.09	19.02		
20	256QAM	50	50	19.11	19.04	19.10		
20	256QAM	100	0	19.09	19.21	19.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.14	19.29	19.20	20.5	0
15	QPSK	1	37	19.27	19.14	19.04		
15	QPSK	1	74	19.14	18.94	19.12		
15	QPSK	36	0	19.10	19.21	19.24	20.5	0
15	QPSK	36	20	19.16	19.15	19.14		
15	QPSK	36	39	19.06	19.13	19.02		
15	QPSK	75	0	19.02	19.08	19.10		
15	16QAM	1	0	19.13	18.99	19.05	20.5	0
15	16QAM	1	37	19.25	19.06	19.07		
15	16QAM	1	74	18.96	18.91	19.10		
15	16QAM	36	0	19.08	19.27	19.12	20.5	0
15	16QAM	36	20	19.17	19.25	19.08		
15	16QAM	36	39	19.16	18.97	19.08		
15	16QAM	75	0	19.12	19.06	19.08		
15	64QAM	1	0	19.16	18.94	19.11	20.5	0
15	64QAM	1	37	19.22	19.15	19.11		
15	64QAM	1	74	19.24	19.23	19.06		
15	64QAM	36	0	19.12	19.26	19.11	20.5	0
15	64QAM	36	20	19.26	19.18	19.11		
15	64QAM	36	39	19.08	18.98	19.06		
15	64QAM	75	0	19.10	19.20	19.00		
15	256QAM	1	0	19.07	19.12	19.12	20.5	0
15	256QAM	1	37	19.01	18.95	18.97		
15	256QAM	1	74	19.02	18.95	19.11		
15	256QAM	36	0	18.93	19.28	19.27	20.5	0
15	256QAM	36	20	19.20	18.96	18.92		
15	256QAM	36	39	19.06	19.01	19.03		
15	256QAM	75	0	18.96	19.12	19.20		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.97	19.26	19.05	20.5	0
10	QPSK	1	25	19.18	19.20	18.99		
10	QPSK	1	49	19.02	19.04	19.16		
10	QPSK	25	0	19.20	19.29	19.28	20.5	0
10	QPSK	25	12	19.21	19.12	19.04		
10	QPSK	25	25	19.12	19.20	19.01		
10	QPSK	50	0	19.06	19.20	19.21		
10	16QAM	1	0	19.12	19.14	19.01	20.5	0
10	16QAM	1	25	19.27	19.08	19.07		
10	16QAM	1	49	19.04	18.93	19.16		
10	16QAM	25	0	19.20	19.20	19.22	20.5	0
10	16QAM	25	12	19.24	19.29	19.04		
10	16QAM	25	25	19.11	18.96	19.11		
10	16QAM	50	0	19.25	19.08	19.09		
10	64QAM	1	0	19.18	19.00	19.18	20.5	0
10	64QAM	1	25	19.05	19.17	19.22		
10	64QAM	1	49	19.20	19.11	19.03		
10	64QAM	25	0	19.01	19.26	19.27	20.5	0
10	64QAM	25	12	19.10	19.19	19.14		
10	64QAM	25	25	19.01	19.00	19.09		
10	64QAM	50	0	19.20	19.22	19.06		
10	256QAM	1	0	18.92	19.13	18.97	20.5	0
10	256QAM	1	25	19.08	18.96	18.83		
10	256QAM	1	49	18.86	18.87	19.04		
10	256QAM	25	0	18.86	19.22	19.09	20.5	0
10	256QAM	25	12	19.22	18.93	18.98		
10	256QAM	25	25	19.09	18.90	19.01		
10	256QAM	50	0	19.05	19.19	19.02		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.00	19.27	19.22	20.5	0
5	QPSK	1	12	19.09	19.10	19.00		
5	QPSK	1	24	18.94	18.88	18.97		
5	QPSK	12	0	19.12	19.26	19.17	20.5	0
5	QPSK	12	7	19.14	19.20	19.10		
5	QPSK	12	13	18.99	18.97	19.09		
5	QPSK	25	0	18.87	19.04	18.96		
5	16QAM	1	0	19.12	19.09	19.08	20.5	0
5	16QAM	1	12	19.04	19.19	18.95		
5	16QAM	1	24	19.05	19.08	19.09		
5	16QAM	12	0	19.13	19.26	19.20	20.5	0
5	16QAM	12	7	19.11	19.26	19.15		
5	16QAM	12	13	19.06	18.90	19.03		
5	16QAM	25	0	19.15	19.16	19.05		
5	64QAM	1	0	19.11	18.91	19.00	20.5	0
5	64QAM	1	12	19.09	19.05	19.04		
5	64QAM	1	24	19.04	19.22	18.88		
5	64QAM	12	0	19.14	19.27	19.11	20.5	0
5	64QAM	12	7	19.17	19.22	19.03		
5	64QAM	12	13	19.19	19.08	19.10		
5	64QAM	25	0	19.15	19.07	18.92		
5	256QAM	1	0	19.04	19.06	18.98	20.5	0
5	256QAM	1	12	18.88	19.09	18.81		
5	256QAM	1	24	18.98	18.94	18.92		
5	256QAM	12	0	18.94	19.15	19.04	20.5	0
5	256QAM	12	7	19.06	18.97	18.78		
5	256QAM	12	13	19.01	18.88	19.04		
5	256QAM	25	0	18.84	18.99	19.08		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.90	19.12	19.06	20.5	0
3	QPSK	1	8	18.99	19.12	19.10		
3	QPSK	1	14	18.93	18.96	18.97		
3	QPSK	8	0	19.10	19.11	19.11	20.5	0
3	QPSK	8	4	19.13	19.17	19.06		
3	QPSK	8	7	19.22	19.13	18.98		
3	QPSK	15	0	19.04	19.15	18.97		
3	16QAM	1	0	18.99	19.03	19.07	20.5	0
3	16QAM	1	8	19.04	19.10	19.08		
3	16QAM	1	14	18.87	18.93	19.13		
3	16QAM	8	0	19.01	19.27	19.16	20.5	0
3	16QAM	8	4	19.08	19.25	19.04		
3	16QAM	8	7	19.20	19.04	19.03		
3	16QAM	15	0	19.14	19.13	18.96		
3	64QAM	1	0	19.07	18.89	19.01	20.5	0
3	64QAM	1	8	18.98	19.01	19.08		
3	64QAM	1	14	19.22	19.09	18.84		
3	64QAM	8	0	19.15	19.12	19.07	20.5	0
3	64QAM	8	4	19.24	19.04	19.15		
3	64QAM	8	7	19.05	18.96	18.90		
3	64QAM	15	0	19.22	18.99	19.01		
3	256QAM	1	0	18.91	19.17	19.07	20.5	0
3	256QAM	1	8	19.02	19.01	18.89		
3	256QAM	1	14	18.83	18.87	18.99		
3	256QAM	8	0	18.90	19.17	19.20	20.5	0
3	256QAM	8	4	19.22	18.89	18.86		
3	256QAM	8	7	19.02	18.91	18.88		
3	256QAM	15	0	19.02	19.13	19.00		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.02	19.14	19.14	20.5	0
1.4	QPSK	1	3	18.98	19.02	18.92		
1.4	QPSK	1	5	19.00	18.83	18.89		
1.4	QPSK	3	0	18.95	19.07	19.04		
1.4	QPSK	3	1	19.02	18.99	19.04		
1.4	QPSK	3	3	18.97	18.96	19.05		
1.4	QPSK	6	0	18.91	19.04	19.07	20.5	0
1.4	16QAM	1	0	19.14	18.86	19.03	20.5	0
1.4	16QAM	1	3	19.18	19.06	19.07		
1.4	16QAM	1	5	18.86	18.97	18.95		
1.4	16QAM	3	0	18.95	19.16	19.17		
1.4	16QAM	3	1	19.15	19.21	18.98		
1.4	16QAM	3	3	19.03	18.95	18.82		
1.4	16QAM	6	0	19.05	19.06	18.89	20.5	0
1.4	64QAM	1	0	19.14	18.97	19.02	20.5	0
1.4	64QAM	1	3	18.92	19.05	19.01		
1.4	64QAM	1	5	19.01	19.15	18.98		
1.4	64QAM	3	0	19.06	19.15	19.19		
1.4	64QAM	3	1	19.03	19.14	18.95		
1.4	64QAM	3	3	18.94	18.97	18.98		
1.4	64QAM	6	0	19.11	18.97	18.97	20.5	0
1.4	256QAM	1	0	19.00	18.92	18.85	20.5	0
1.4	256QAM	1	3	18.97	18.86	18.87		
1.4	256QAM	1	5	18.94	18.91	18.95		
1.4	256QAM	3	0	18.81	19.05	19.12		
1.4	256QAM	3	1	19.18	18.89	18.93		
1.4	256QAM	3	3	18.95	18.86	18.85		
1.4	256QAM	6	0	18.86	19.00	19.01	20.5	0

Band 7 Ant4_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	18.63	18.83	18.66	19.5	0
20	QPSK	1	49	18.74	18.76	18.64		
20	QPSK	1	99	18.69	18.80	18.81		
20	QPSK	50	0	18.77	18.79	18.74	19.5	0
20	QPSK	50	24	18.61	18.73	18.75		
20	QPSK	50	50	18.75	18.59	18.70		
20	QPSK	100	0	18.63	18.80	18.76		
20	16QAM	1	0	18.69	18.67	18.57	19.5	0
20	16QAM	1	49	18.64	18.69	18.68		
20	16QAM	1	99	18.75	18.71	18.76		
20	16QAM	50	0	18.79	18.78	18.81	19.5	0
20	16QAM	50	24	18.72	18.69	18.66		
20	16QAM	50	50	18.60	18.66	18.61		
20	16QAM	100	0	18.72	18.80	18.55		
20	64QAM	1	0	18.49	18.76	18.57	19.5	0
20	64QAM	1	49	18.63	18.56	18.65		
20	64QAM	1	99	18.68	18.74	18.73		
20	64QAM	50	0	18.78	18.78	18.76	19.5	0
20	64QAM	50	24	18.54	18.73	18.67		
20	64QAM	50	50	18.75	18.57	18.75		
20	64QAM	100	0	18.54	18.73	18.81		
20	256QAM	1	0	18.53	18.63	18.57	19.5	0
20	256QAM	1	49	18.59	18.70	18.57		
20	256QAM	1	99	18.49	18.68	18.78		
20	256QAM	50	0	18.68	18.62	18.65	19.5	0
20	256QAM	50	24	18.57	18.65	18.62		
20	256QAM	50	50	18.59	18.58	18.56		
20	256QAM	100	0	18.57	18.73	18.55		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	18.54	18.80	18.61	19.5	0
15	QPSK	1	37	18.62	18.70	18.64		
15	QPSK	1	74	18.67	18.79	18.63		
15	QPSK	36	0	18.78	18.71	18.74	19.5	0
15	QPSK	36	20	18.61	18.51	18.73		
15	QPSK	36	39	18.62	18.45	18.52		
15	QPSK	75	0	18.49	18.77	18.56		
15	16QAM	1	0	18.66	18.59	18.39	19.5	0
15	16QAM	1	37	18.59	18.53	18.48		
15	16QAM	1	74	18.56	18.64	18.65		
15	16QAM	36	0	18.77	18.76	18.79	19.5	0
15	16QAM	36	20	18.57	18.67	18.67		
15	16QAM	36	39	18.57	18.47	18.59		
15	16QAM	75	0	18.63	18.67	18.53		
15	64QAM	1	0	18.37	18.56	18.38	19.5	0
15	64QAM	1	37	18.47	18.41	18.52		
15	64QAM	1	74	18.61	18.58	18.75		
15	64QAM	36	0	18.59	18.59	18.75	19.5	0
15	64QAM	36	20	18.50	18.59	18.66		
15	64QAM	36	39	18.65	18.50	18.61		
15	64QAM	75	0	18.42	18.66	18.63		
15	256QAM	1	0	18.36	18.62	18.40	19.5	0
15	256QAM	1	37	18.49	18.71	18.49		
15	256QAM	1	74	18.34	18.50	18.69		
15	256QAM	36	0	18.63	18.62	18.65	19.5	0
15	256QAM	36	20	18.47	18.61	18.64		
15	256QAM	36	39	18.52	18.53	18.56		
15	256QAM	75	0	18.52	18.54	18.50		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	18.43	18.69	18.60	19.5	0
10	QPSK	1	25	18.69	18.57	18.54		
10	QPSK	1	49	18.48	18.69	18.67		
10	QPSK	25	0	18.54	18.67	18.50	19.5	0
10	QPSK	25	12	18.49	18.47	18.51		
10	QPSK	25	25	18.57	18.47	18.65		
10	QPSK	50	0	18.39	18.71	18.54		
10	16QAM	1	0	18.50	18.44	18.33	19.5	0
10	16QAM	1	25	18.39	18.52	18.65		
10	16QAM	1	49	18.70	18.60	18.53		
10	16QAM	25	0	18.64	18.59	18.76	19.5	0
10	16QAM	25	12	18.64	18.57	18.50		
10	16QAM	25	25	18.50	18.50	18.52		
10	16QAM	50	0	18.62	18.56	18.44		
10	64QAM	1	0	18.24	18.53	18.42	19.5	0
10	64QAM	1	25	18.49	18.42	18.60		
10	64QAM	1	49	18.61	18.70	18.59		
10	64QAM	25	0	18.62	18.56	18.68	19.5	0
10	64QAM	25	12	18.32	18.58	18.45		
10	64QAM	25	25	18.70	18.35	18.48		
10	64QAM	50	0	18.44	18.59	18.66		
10	256QAM	1	0	18.50	18.57	18.47	19.5	0
10	256QAM	1	25	18.38	18.54	18.37		
10	256QAM	1	49	18.43	18.58	18.73		
10	256QAM	25	0	18.56	18.40	18.59	19.5	0
10	256QAM	25	12	18.32	18.45	18.39		
10	256QAM	25	25	18.41	18.40	18.41		
10	256QAM	50	0	18.38	18.61	18.41		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	18.44	18.52	18.56	19.5	0
5	QPSK	1	12	18.49	18.56	18.38		
5	QPSK	1	24	18.44	18.70	18.51		
5	QPSK	12	0	18.48	18.62	18.62	19.5	0
5	QPSK	12	7	18.32	18.54	18.46		
5	QPSK	12	13	18.55	18.41	18.40		
5	QPSK	25	0	18.52	18.70	18.46		
5	16QAM	1	0	18.61	18.41	18.43	19.5	0
5	16QAM	1	12	18.45	18.54	18.52		
5	16QAM	1	24	18.50	18.58	18.60		
5	16QAM	12	0	18.47	18.54	18.70	19.5	0
5	16QAM	12	7	18.47	18.46	18.47		
5	16QAM	12	13	18.35	18.46	18.47		
5	16QAM	25	0	18.46	18.58	18.42		
5	64QAM	1	0	18.34	18.45	18.46	19.5	0
5	64QAM	1	12	18.35	18.46	18.46		
5	64QAM	1	24	18.54	18.55	18.54		
5	64QAM	12	0	18.49	18.50	18.67	19.5	0
5	64QAM	12	7	18.45	18.47	18.44		
5	64QAM	12	13	18.47	18.42	18.43		
5	64QAM	25	0	18.38	18.46	18.58		
5	256QAM	1	0	18.25	18.35	18.42	19.5	0
5	256QAM	1	12	18.46	18.59	18.28		
5	256QAM	1	24	18.34	18.39	18.51		
5	256QAM	12	0	18.55	18.43	18.49	19.5	0
5	256QAM	12	7	18.36	18.57	18.47		
5	256QAM	12	13	18.29	18.33	18.40		
5	256QAM	25	0	18.38	18.59	18.33		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	19.47	19.53	19.38	20.5	0
20	QPSK	1	49	19.37	19.31	19.35		
20	QPSK	1	99	19.21	19.28	19.35		
20	QPSK	50	0	19.33	19.41	19.21	20.5	0
20	QPSK	50	24	19.28	19.35	19.25		
20	QPSK	50	50	19.14	19.19	19.35		
20	QPSK	100	0	19.34	19.37	19.11		
20	16QAM	1	0	19.25	19.20	19.28	20.5	0
20	16QAM	1	49	18.96	19.22	19.22		
20	16QAM	1	99	19.21	19.33	18.97		
20	16QAM	50	0	19.24	19.13	19.07	20.5	0
20	16QAM	50	24	19.15	19.27	19.12		
20	16QAM	50	50	19.23	19.43	19.29		
20	16QAM	100	0	19.15	19.20	19.18		
20	64QAM	1	0	19.15	19.16	19.14	20.5	0
20	64QAM	1	49	19.37	19.17	19.09		
20	64QAM	1	99	19.20	19.27	19.12		
20	64QAM	50	0	19.11	19.12	19.12	20.5	0
20	64QAM	50	24	19.22	19.27	19.12		
20	64QAM	50	50	19.27	19.34	19.19		
20	64QAM	100	0	18.97	19.34	19.09		
20	256QAM	1	0	19.29	19.31	19.08	20.5	0
20	256QAM	1	49	19.17	19.30	19.20		
20	256QAM	1	99	19.05	19.24	19.21		
20	256QAM	50	0	19.13	19.30	18.95	20.5	0
20	256QAM	50	24	19.19	19.34	19.23		
20	256QAM	50	50	19.28	19.21	19.09		
20	256QAM	100	0	19.28	19.42	19.10		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	19.38	19.32	19.03	20.5	0
15	QPSK	1	37	19.23	19.42	19.36		
15	QPSK	1	74	19.24	19.22	19.32		
15	QPSK	36	0	19.21	19.32	19.28	20.5	0
15	QPSK	36	20	19.18	19.19	19.29		
15	QPSK	36	39	19.17	19.14	19.37		
15	QPSK	75	0	19.42	19.34	18.95		
15	16QAM	1	0	19.07	19.39	19.05	20.5	0
15	16QAM	1	37	18.99	19.26	19.05		
15	16QAM	1	74	19.25	19.33	19.02		
15	16QAM	36	0	19.34	19.32	19.07	20.5	0
15	16QAM	36	20	19.14	19.21	19.06		
15	16QAM	36	39	19.21	19.43	19.27		
15	16QAM	75	0	19.24	19.21	19.08		
15	64QAM	1	0	19.10	19.24	19.14	20.5	0
15	64QAM	1	37	19.33	19.17	19.31		
15	64QAM	1	74	19.24	19.42	19.10		
15	64QAM	36	0	19.25	19.16	19.07	20.5	0
15	64QAM	36	20	19.29	19.37	19.05		
15	64QAM	36	39	19.43	19.30	19.12		
15	64QAM	75	0	19.01	19.17	19.12		
15	256QAM	1	0	19.27	19.36	19.02	20.5	0
15	256QAM	1	37	19.20	19.47	19.20		
15	256QAM	1	74	19.14	19.25	19.41		
15	256QAM	36	0	19.11	19.33	19.08	20.5	0
15	256QAM	36	20	19.39	19.35	19.11		
15	256QAM	36	39	19.23	19.32	19.23		
15	256QAM	75	0	19.30	19.32	19.06		
Channel				26090	26340	26540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	19.29	19.37	19.02	20.5	0
10	QPSK	1	25	19.30	19.32	19.23		
10	QPSK	1	49	19.18	19.25	19.20		
10	QPSK	25	0	19.19	19.42	19.29	20.5	0
10	QPSK	25	12	19.24	19.32	19.19		
10	QPSK	25	25	19.13	19.35	19.28		
10	QPSK	50	0	19.36	19.48	18.99		
10	16QAM	1	0	19.13	19.32	19.20	20.5	0
10	16QAM	1	25	18.98	19.18	19.12		
10	16QAM	1	49	19.12	19.33	18.99		
10	16QAM	25	0	19.32	19.24	19.16	20.5	0
10	16QAM	25	12	19.09	19.20	19.24		
10	16QAM	25	25	19.25	19.45	19.21		
10	16QAM	50	0	19.10	19.25	19.05		
10	64QAM	1	0	19.21	19.30	19.03	20.5	0
10	64QAM	1	25	19.42	19.17	19.26		
10	64QAM	1	49	19.26	19.28	19.07		
10	64QAM	25	0	19.29	19.02	19.05	20.5	0
10	64QAM	25	12	19.21	19.47	19.00		
10	64QAM	25	25	19.32	19.27	19.09		
10	64QAM	50	0	19.02	19.17	19.10		
10	256QAM	1	0	19.20	19.30	19.11	20.5	0
10	256QAM	1	25	19.29	19.38	19.03		
10	256QAM	1	49	19.03	19.37	19.23		
10	256QAM	25	0	19.26	19.40	18.94	20.5	0
10	256QAM	25	12	19.36	19.34	19.16		
10	256QAM	25	25	19.41	19.34	19.12		
10	256QAM	50	0	19.35	19.41	19.03		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	19.45	19.33	19.15	20.5	0
5	QPSK	1	12	19.29	19.43	19.34		
5	QPSK	1	24	19.20	19.19	19.33		
5	QPSK	12	0	19.22	19.35	19.29	20.5	0
5	QPSK	12	7	19.23	19.17	19.07		
5	QPSK	12	13	19.15	19.22	19.35		
5	QPSK	25	0	19.42	19.49	19.25		
5	16QAM	1	0	19.29	19.27	19.10	20.5	0
5	16QAM	1	12	19.17	19.08	19.15		
5	16QAM	1	24	19.13	19.39	18.96		
5	16QAM	12	0	19.28	19.10	19.17	20.5	0
5	16QAM	12	7	19.23	19.38	19.06		
5	16QAM	12	13	19.40	19.43	19.23		
5	16QAM	25	0	19.28	19.27	19.25		
5	64QAM	1	0	19.10	19.29	19.16	20.5	0
5	64QAM	1	12	19.32	19.18	19.11		
5	64QAM	1	24	19.27	19.27	19.26		
5	64QAM	12	0	19.15	19.10	19.01	20.5	0
5	64QAM	12	7	19.25	19.34	19.10		
5	64QAM	12	13	19.33	19.34	19.00		
5	64QAM	25	0	19.08	19.13	19.14		
5	256QAM	1	0	19.11	19.26	19.15	20.5	0
5	256QAM	1	12	19.24	19.39	19.10		
5	256QAM	1	24	19.07	19.36	19.43		
5	256QAM	12	0	19.16	19.35	18.97	20.5	0
5	256QAM	12	7	19.27	19.29	19.04		
5	256QAM	12	13	19.32	19.27	19.20		
5	256QAM	25	0	19.32	19.43	19.17		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	19.45	19.52	19.07	20.5	0
3	QPSK	1	8	19.22	19.28	19.31		
3	QPSK	1	14	19.24	19.13	19.24		
3	QPSK	8	0	19.26	19.41	19.31	20.5	0
3	QPSK	8	4	19.07	19.18	19.12		
3	QPSK	8	7	19.10	19.20	19.38		
3	QPSK	15	0	19.23	19.38	19.00		
3	16QAM	1	0	19.26	19.26	19.10	20.5	0
3	16QAM	1	8	19.05	19.19	19.19		
3	16QAM	1	14	19.25	19.27	19.10		
3	16QAM	8	0	19.17	19.25	19.12	20.5	0
3	16QAM	8	4	19.09	19.19	19.17		
3	16QAM	8	7	19.32	19.36	19.18		
3	16QAM	15	0	19.12	19.22	19.07		
3	64QAM	1	0	19.17	19.22	19.15	20.5	0
3	64QAM	1	8	19.34	19.14	19.23		
3	64QAM	1	14	19.14	19.27	19.07		
3	64QAM	8	0	19.17	19.21	19.18	20.5	0
3	64QAM	8	4	19.39	19.49	19.18		
3	64QAM	8	7	19.24	19.35	19.08		
3	64QAM	15	0	18.95	19.12	19.17		
3	256QAM	1	0	19.30	19.24	18.99	20.5	0
3	256QAM	1	8	19.29	19.32	19.03		
3	256QAM	1	14	19.15	19.32	19.32		
3	256QAM	8	0	19.11	19.29	19.01	20.5	0
3	256QAM	8	4	19.34	19.45	19.23		
3	256QAM	8	7	19.39	19.30	19.24		
3	256QAM	15	0	19.38	19.37	19.04		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	19.40	19.41	19.11	20.5	0
1.4	QPSK	1	3	19.25	19.30	19.26		
1.4	QPSK	1	5	19.01	19.32	19.40		
1.4	QPSK	3	0	19.17	19.46	19.29		
1.4	QPSK	3	1	19.28	19.16	19.15		
1.4	QPSK	3	3	19.23	19.36	19.19		
1.4	QPSK	6	0	19.38	19.47	19.00	20.5	0
1.4	16QAM	1	0	19.27	19.22	19.19	20.5	0
1.4	16QAM	1	3	19.17	19.24	19.05		
1.4	16QAM	1	5	19.24	19.38	19.07		
1.4	16QAM	3	0	19.22	19.24	19.08		
1.4	16QAM	3	1	19.20	19.34	19.20		
1.4	16QAM	3	3	19.40	19.36	19.14		
1.4	16QAM	6	0	19.14	19.32	19.22	20.5	0
1.4	64QAM	1	0	19.00	19.30	19.15	20.5	0
1.4	64QAM	1	3	19.31	19.30	19.13		
1.4	64QAM	1	5	19.22	19.46	19.14		
1.4	64QAM	3	0	19.11	19.12	19.02		
1.4	64QAM	3	1	19.17	19.31	19.05		
1.4	64QAM	3	3	19.26	19.18	19.20		
1.4	64QAM	6	0	18.98	19.29	19.18	20.5	0
1.4	256QAM	1	0	19.12	19.20	19.01	20.5	0
1.4	256QAM	1	3	19.34	19.42	19.16		
1.4	256QAM	1	5	19.05	19.34	19.35		
1.4	256QAM	3	0	19.15	19.34	18.97		
1.4	256QAM	3	1	19.31	19.37	19.19		
1.4	256QAM	3	3	19.26	19.32	19.15		
1.4	256QAM	6	0	19.20	19.29	19.21	20.5	0

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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	19.23	19.31	19.29	20.5	0
20	QPSK	1	49	19.27	19.26	19.24		
20	QPSK	1	99	19.11	19.07	19.06		
20	QPSK	50	0	19.22	19.26	19.17	20.5	0
20	QPSK	50	24	19.02	19.18	19.20		
20	QPSK	50	50	19.24	19.19	19.22		
20	QPSK	100	0	19.19	19.28	19.27		
20	16QAM	1	0	19.18	19.14	19.02	20.5	0
20	16QAM	1	49	19.03	19.17	19.19		
20	16QAM	1	99	19.08	18.95	19.02		
20	16QAM	50	0	19.26	19.26	19.26	20.5	0
20	16QAM	50	24	18.95	19.22	19.23		
20	16QAM	50	50	19.27	19.24	19.24		
20	16QAM	100	0	19.30	19.18	19.26		
20	64QAM	1	0	19.11	19.00	18.99	20.5	0
20	64QAM	1	49	18.98	19.05	19.11		
20	64QAM	1	99	19.27	19.21	19.27		
20	64QAM	50	0	19.26	19.26	19.24	20.5	0
20	64QAM	50	24	19.14	19.22	19.25		
20	64QAM	50	50	19.28	19.23	19.24		
20	64QAM	100	0	19.30	19.19	19.28		
20	256QAM	1	0	19.19	19.20	19.12	20.5	0
20	256QAM	1	49	19.08	19.15	19.13		
20	256QAM	1	99	19.06	18.89	19.06		
20	256QAM	50	0	19.22	19.09	19.11	20.5	0
20	256QAM	50	24	18.87	19.05	19.05		
20	256QAM	50	50	19.21	19.20	19.16		
20	256QAM	100	0	18.99	19.10	19.12		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.17	19.16	19.30	20.5	0
15	QPSK	1	37	19.25	19.11	19.07		
15	QPSK	1	74	18.99	18.98	18.94		
15	QPSK	36	0	19.23	19.09	19.07	20.5	0
15	QPSK	36	20	18.92	19.15	19.10		
15	QPSK	36	39	19.16	19.13	19.13		
15	QPSK	75	0	19.09	19.10	19.22		
15	16QAM	1	0	18.96	19.13	18.98	20.5	0
15	16QAM	1	37	18.91	19.02	19.03		
15	16QAM	1	74	18.87	18.87	18.92		
15	16QAM	36	0	19.19	19.23	19.09	20.5	0
15	16QAM	36	20	18.95	19.03	19.21		
15	16QAM	36	39	19.16	19.10	19.23		
15	16QAM	75	0	19.27	19.18	19.07		
15	64QAM	1	0	18.92	18.86	18.85	20.5	0
15	64QAM	1	37	18.76	18.88	19.03		
15	64QAM	1	74	19.11	19.22	19.13		
15	64QAM	36	0	19.11	19.05	19.22	20.5	0
15	64QAM	36	20	18.97	19.01	19.09		
15	64QAM	36	39	19.10	19.16	19.22		
15	64QAM	75	0	19.13	19.14	19.10		
15	256QAM	1	0	18.99	19.04	19.00	20.5	0
15	256QAM	1	37	19.02	19.14	18.99		
15	256QAM	1	74	19.03	18.90	19.02		
15	256QAM	36	0	19.12	18.96	18.98	20.5	0
15	256QAM	36	20	18.86	18.94	18.99		
15	256QAM	36	39	19.03	19.03	19.03		
15	256QAM	75	0	18.79	18.95	19.13		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.19	19.18	19.17	20.5	0
10	QPSK	1	25	19.22	19.17	19.23		
10	QPSK	1	49	19.11	18.87	18.89		
10	QPSK	25	0	19.15	19.28	19.14	20.5	0
10	QPSK	25	12	19.03	19.13	19.04		
10	QPSK	25	25	19.07	19.02	19.04		
10	QPSK	50	0	19.21	19.14	19.20		
10	16QAM	1	0	19.11	19.13	18.80	20.5	0
10	16QAM	1	25	19.01	19.04	19.04		
10	16QAM	1	49	19.05	18.87	18.95		
10	16QAM	25	0	19.07	19.22	19.21	20.5	0
10	16QAM	25	12	18.88	19.18	19.06		
10	16QAM	25	25	19.15	19.20	19.24		
10	16QAM	50	0	19.18	19.14	19.09		
10	64QAM	1	0	18.99	18.93	18.97	20.5	0
10	64QAM	1	25	18.88	19.00	19.00		
10	64QAM	1	49	19.18	19.22	19.19		
10	64QAM	25	0	19.11	19.05	19.10	20.5	0
10	64QAM	25	12	19.03	19.02	19.22		
10	64QAM	25	25	19.19	19.18	19.07		
10	64QAM	50	0	19.19	19.16	19.11		
10	256QAM	1	0	19.03	19.03	19.08	20.5	0
10	256QAM	1	25	18.89	19.00	19.07		
10	256QAM	1	49	18.90	18.78	18.98		
10	256QAM	25	0	19.03	18.92	18.92	20.5	0
10	256QAM	25	12	18.79	18.88	18.88		
10	256QAM	25	25	19.13	19.08	19.15		
10	256QAM	50	0	18.84	18.94	18.97		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.13	19.06	19.25	20.5	0
5	QPSK	1	12	19.17	19.04	19.06		
5	QPSK	1	24	18.89	18.88	18.89		
5	QPSK	12	0	19.16	19.14	19.11	20.5	0
5	QPSK	12	7	18.95	19.14	19.04		
5	QPSK	12	13	19.18	19.05	19.10		
5	QPSK	25	0	18.94	19.15	19.04		
5	16QAM	1	0	19.00	19.09	18.90	20.5	0
5	16QAM	1	12	18.97	19.14	19.01		
5	16QAM	1	24	18.99	18.87	18.87		
5	16QAM	12	0	19.18	19.08	19.08	20.5	0
5	16QAM	12	7	18.83	19.11	19.16		
5	16QAM	12	13	19.13	19.04	19.08		
5	16QAM	25	0	19.21	18.99	19.08		
5	64QAM	1	0	18.92	18.85	18.84	20.5	0
5	64QAM	1	12	18.82	18.85	18.97		
5	64QAM	1	24	19.20	19.06	19.08		
5	64QAM	12	0	19.19	19.17	19.14	20.5	0
5	64QAM	12	7	18.91	19.01	19.10		
5	64QAM	12	13	19.17	19.10	19.08		
5	64QAM	25	0	19.10	19.15	19.25		
5	256QAM	1	0	18.93	19.05	18.85	20.5	0
5	256QAM	1	12	18.85	18.95	18.91		
5	256QAM	1	24	18.94	18.81	18.79		
5	256QAM	12	0	19.07	18.90	19.05	20.5	0
5	256QAM	12	7	18.79	18.93	18.93		
5	256QAM	12	13	19.17	19.13	18.92		
5	256QAM	25	0	18.93	18.91	18.85		
Channel				131962	132322	132682	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.00	19.11	19.13	20.5	0
3	QPSK	1	8	19.03	19.18	19.20		
3	QPSK	1	14	18.92	18.93	18.83		
3	QPSK	8	0	19.00	19.11	19.03	20.5	0
3	QPSK	8	4	18.90	19.07	19.14		
3	QPSK	8	7	19.15	19.00	19.18		
3	QPSK	15	0	19.10	19.15	19.20		
3	16QAM	1	0	19.12	18.88	18.88	20.5	0
3	16QAM	1	8	18.94	19.11	19.13		
3	16QAM	1	14	18.91	18.87	18.93		
3	16QAM	8	0	19.02	19.11	19.01	20.5	0
3	16QAM	8	4	18.86	19.18	18.99		
3	16QAM	8	7	19.06	19.04	19.05		
3	16QAM	15	0	19.24	19.00	19.17		
3	64QAM	1	0	19.01	18.95	18.94	20.5	0
3	64QAM	1	8	18.89	18.85	18.93		
3	64QAM	1	14	19.09	19.00	19.11		
3	64QAM	8	0	19.22	19.22	18.97	20.5	0
3	64QAM	8	4	18.91	19.18	19.08		
3	64QAM	8	7	19.09	19.17	19.03		
3	64QAM	15	0	19.22	19.00	19.11		
3	256QAM	1	0	19.04	19.00	18.89	20.5	0
3	256QAM	1	8	18.99	19.09	19.08		
3	256QAM	1	14	18.91	18.84	18.88		
3	256QAM	8	0	18.97	18.89	19.01	20.5	0
3	256QAM	8	4	18.73	19.00	18.92		
3	256QAM	8	7	19.08	18.93	18.90		
3	256QAM	15	0	18.95	18.97	18.90		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.03	19.00	19.03	20.5	0
1.4	QPSK	1	3	19.10	19.08	18.92		
1.4	QPSK	1	5	18.92	18.87	18.92		
1.4	QPSK	3	0	18.95	19.15	19.02		
1.4	QPSK	3	1	18.78	18.90	18.89		
1.4	QPSK	3	3	19.11	19.03	19.13		
1.4	QPSK	6	0	18.95	19.09	19.05	20.5	0
1.4	16QAM	1	0	19.09	18.84	18.91	20.5	0
1.4	16QAM	1	3	18.85	18.98	19.01		
1.4	16QAM	1	5	18.90	18.86	18.83		
1.4	16QAM	3	0	18.94	18.95	19.07		
1.4	16QAM	3	1	18.83	18.93	19.04		
1.4	16QAM	3	3	19.16	18.98	18.96		
1.4	16QAM	6	0	19.17	18.94	18.96	20.5	0
1.4	64QAM	1	0	19.00	18.76	18.84	20.5	0
1.4	64QAM	1	3	18.75	18.77	18.99		
1.4	64QAM	1	5	19.04	19.09	19.03		
1.4	64QAM	3	0	19.03	19.08	19.06		
1.4	64QAM	3	1	18.82	19.11	18.95		
1.4	64QAM	3	3	19.17	19.06	19.16		
1.4	64QAM	6	0	19.20	19.09	19.07	20.5	0
1.4	256QAM	1	0	19.09	19.04	19.01	20.5	0
1.4	256QAM	1	3	18.97	18.88	18.98		
1.4	256QAM	1	5	18.77	18.74	18.96		
1.4	256QAM	3	0	19.14	18.87	18.91		
1.4	256QAM	3	1	18.79	18.86	18.88		
1.4	256QAM	3	3	19.02	19.02	18.92		
1.4	256QAM	6	0	18.78	18.88	18.91	20.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.08	22.16	22.04	22.5	0
20	QPSK	1	49	22.13	22.07	22.15		
20	QPSK	1	99	22.07	22.11	22.13		
20	QPSK	50	0	22.05	22.13	22.08	22.5	0
20	QPSK	50	24	21.97	22.07	21.89		
20	QPSK	50	50	22.05	22.03	22.07		
20	QPSK	100	0	22.13	22.14	21.95		
20	16QAM	1	0	21.86	21.93	21.76	22.5	0
20	16QAM	1	49	21.99	22.03	21.82		
20	16QAM	1	99	21.73	21.72	21.87		
20	16QAM	50	0	22.04	22.04	22.07	22.5	0
20	16QAM	50	24	22.15	22.03	22.09		
20	16QAM	50	50	22.13	22.13	21.97		
20	16QAM	100	0	22.11	22.13	22.13		
20	64QAM	1	0	21.98	22.01	22.00	22.5	0
20	64QAM	1	49	22.07	21.93	21.87		
20	64QAM	1	99	22.01	22.05	22.09		
20	64QAM	50	0	22.02	21.98	22.05	22.5	0
20	64QAM	50	24	22.14	21.95	22.02		
20	64QAM	50	50	22.13	22.14	21.96		
20	64QAM	100	0	22.10	22.10	22.13		
20	256QAM	1	0	19.53	19.68	19.61	20.5	2
20	256QAM	1	49	19.66	19.63	19.60		
20	256QAM	1	99	19.53	19.59	19.52		
20	256QAM	50	0	19.35	19.68	19.66	20.5	2
20	256QAM	50	24	19.55	19.63	19.62		
20	256QAM	50	50	19.62	19.49	19.57		
20	256QAM	100	0	19.54	19.60	19.45		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.08	22.10	22.05	22.5	0
15	QPSK	1	37	21.93	22.00	22.14		
15	QPSK	1	74	21.89	21.90	22.05		
15	QPSK	36	0	21.89	21.97	22.01	22.5	0
15	QPSK	36	20	21.88	21.93	21.72		
15	QPSK	36	39	21.90	21.95	21.86		
15	QPSK	75	0	22.03	22.12	21.96		
15	16QAM	1	0	21.73	21.83	21.66	22.5	0
15	16QAM	1	37	21.90	21.92	21.77		
15	16QAM	1	74	21.74	21.55	21.65		
15	16QAM	36	0	21.94	21.95	21.99	22.5	0
15	16QAM	36	20	21.94	21.82	21.93		
15	16QAM	36	39	22.03	22.05	21.94		
15	16QAM	75	0	22.00	21.98	21.94		
15	64QAM	1	0	21.79	21.96	21.96	22.5	0
15	64QAM	1	37	21.99	21.94	21.66		
15	64QAM	1	74	21.90	21.94	21.99		
15	64QAM	36	0	21.98	21.85	21.87	22.5	0
15	64QAM	36	20	21.93	21.83	21.86		
15	64QAM	36	39	21.97	22.11	21.84		
15	64QAM	75	0	22.06	22.11	21.95		
15	256QAM	1	0	19.59	19.73	19.64	20.5	2
15	256QAM	1	37	19.71	19.65	19.54		
15	256QAM	1	74	19.53	19.61	19.55		
15	256QAM	36	0	19.47	19.74	19.75	20.5	2
15	256QAM	36	20	19.50	19.59	19.56		
15	256QAM	36	39	19.56	19.53	19.55		
15	256QAM	75	0	19.53	19.52	19.53		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.85	21.99	21.86	22.5	0
10	QPSK	1	25	21.99	21.99	22.08		
10	QPSK	1	49	21.93	22.03	21.95		
10	QPSK	25	0	21.78	21.92	21.99	22.5	0
10	QPSK	25	12	21.78	21.90	21.75		
10	QPSK	25	25	21.79	21.86	21.97		
10	QPSK	50	0	22.02	21.93	21.78		
10	16QAM	1	0	21.65	21.89	21.49	22.5	0
10	16QAM	1	25	21.88	21.97	21.70		
10	16QAM	1	49	21.67	21.64	21.67		
10	16QAM	25	0	21.97	21.99	21.94	22.5	0
10	16QAM	25	12	21.93	21.86	22.05		
10	16QAM	25	25	22.06	22.05	21.85		
10	16QAM	50	0	22.00	21.92	22.00		
10	64QAM	1	0	21.88	21.88	21.81	22.5	0
10	64QAM	1	25	21.99	21.67	21.83		
10	64QAM	1	49	21.94	21.83	21.90		
10	64QAM	25	0	21.97	21.73	21.93	22.5	0
10	64QAM	25	12	22.01	21.86	21.85		
10	64QAM	25	25	22.05	21.87	21.89		
10	64QAM	50	0	22.05	22.06	21.90		
10	256QAM	1	0	19.61	19.76	19.65	20.5	2
10	256QAM	1	25	19.69	19.61	19.56		
10	256QAM	1	49	19.51	19.67	19.60		
10	256QAM	25	0	19.40	19.70	19.64	20.5	2
10	256QAM	25	12	19.54	19.67	19.60		
10	256QAM	25	25	19.54	19.60	19.58		
10	256QAM	50	0	19.52	19.50	19.55		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.81	21.89	21.85	22.5	0
5	QPSK	1	12	21.84	21.93	22.04		
5	QPSK	1	24	21.89	21.82	21.85		
5	QPSK	12	0	21.79	21.82	21.98	22.5	0
5	QPSK	12	7	21.77	21.92	21.68		
5	QPSK	12	13	21.79	21.81	21.85		
5	QPSK	25	0	21.85	21.96	21.64		
5	16QAM	1	0	21.56	21.64	21.58	22.5	0
5	16QAM	1	12	21.69	21.86	21.70		
5	16QAM	1	24	21.63	21.54	21.77		
5	16QAM	12	0	21.91	21.93	21.91	22.5	0
5	16QAM	12	7	22.07	21.81	21.83		
5	16QAM	12	13	21.82	21.82	21.73		
5	16QAM	25	0	21.98	21.84	21.92		
5	64QAM	1	0	21.83	21.90	21.85	22.5	0
5	64QAM	1	12	21.75	21.83	21.78		
5	64QAM	1	24	21.88	21.84	21.84		
5	64QAM	12	0	21.79	21.86	21.87	22.5	0
5	64QAM	12	7	21.92	21.70	21.80		
5	64QAM	12	13	22.04	21.89	21.87		
5	64QAM	25	0	21.90	21.85	21.99		
5	256QAM	1	0	19.59	19.68	19.63	20.5	2
5	256QAM	1	12	19.60	19.59	19.60		
5	256QAM	1	24	19.49	19.60	19.56		
5	256QAM	12	0	19.38	19.66	19.73	20.5	2
5	256QAM	12	7	19.52	19.62	19.63		
5	256QAM	12	13	19.62	19.52	19.50		
5	256QAM	25	0	19.43	19.62	19.52		

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BW [MHz]	Modulation	RB Size	RB Offset	for IC Power Low Ch. / Freq.	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39790	39750	40185	40620	41055	41490		
Frequency (MHz)				2510	2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.81	21.84	21.93	22.18	22.10	22.14	22.5	0
20	QPSK	1	49	21.86	21.83	21.89	21.98	22.07	22.04		
20	QPSK	1	99	21.84	21.87	21.82	22.01	22.06	22.02		
20	QPSK	50	0	21.86	21.85	21.82	22.15	22.09	22.11	22.5	0
20	QPSK	50	24	21.97	21.97	21.95	22.05	22.10	22.14		
20	QPSK	50	50	21.94	21.96	21.90	22.04	21.97	22.08		
20	QPSK	100	0	21.94	21.95	21.90	22.12	22.06	22.02		
20	16QAM	1	0	21.78	21.89	21.86	21.90	22.15	22.16	22.5	0
20	16QAM	1	49	22.05	22.00	21.92	22.06	22.13	21.93		
20	16QAM	1	99	21.82	21.87	21.79	21.91	22.03	21.94		
20	16QAM	50	0	21.86	21.90	21.86	21.99	22.08	22.16	22.5	0
20	16QAM	50	24	21.97	21.99	21.94	22.06	22.07	22.14		
20	16QAM	50	50	21.97	21.94	21.90	22.06	22.03	22.12		
20	16QAM	100	0	21.97	21.97	21.92	22.03	22.09	22.10		
20	64QAM	1	0	21.76	21.85	21.76	21.85	22.06	22.08	22.5	0
20	64QAM	1	49	21.86	22.12	21.93	21.97	21.98	22.11		
20	64QAM	1	99	21.84	21.87	21.81	21.89	22.04	21.92		
20	64QAM	50	0	21.87	21.89	21.82	21.95	22.08	22.16	22.5	0
20	64QAM	50	24	21.96	21.98	21.93	22.04	22.09	22.15		
20	64QAM	50	50	21.94	21.92	21.92	22.02	22.17	22.05		
20	64QAM	100	0	21.96	21.96	21.92	22.03	22.07	22.13		
20	256QAM	1	0	19.48	19.60	19.45	19.63	19.38	19.38	20.5	2
20	256QAM	1	49	19.49	19.50	19.34	19.64	19.32	19.23		
20	256QAM	1	99	19.50	19.56	19.49	19.63	19.37	19.43		
20	256QAM	50	0	19.41	19.47	19.44	19.68	19.46	19.34	20.5	2
20	256QAM	50	24	19.73	19.57	19.47	19.65	19.49	19.38		
20	256QAM	50	50	19.63	19.72	19.55	19.55	19.32	19.33		
20	256QAM	100	0	19.66	19.52	19.46	19.77	19.34	19.42		
Channel				39765	39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.83	21.81	21.91	22.02	22.03	22.03	22.50	0
15	QPSK	1	37	21.77	21.82	21.76	21.96	22.08	21.96		
15	QPSK	1	74	21.76	21.82	21.77	21.89	21.96	21.89		
15	QPSK	36	0	21.83	21.73	21.73	22.09	22.05	22.09	22.5	0
15	QPSK	36	20	21.78	21.88	21.79	22.01	22.06	22.01		
15	QPSK	36	39	21.90	21.76	21.86	21.96	21.96	21.96		
15	QPSK	75	0	21.91	21.88	21.71	22.01	21.87	21.91		
15	16QAM	1	0	21.76	21.72	21.78	21.83	21.94	22.09	22.5	0
15	16QAM	1	37	21.93	21.88	21.93	21.92	22.05	21.91		
15	16QAM	1	74	21.84	21.82	21.73	21.87	21.83	21.85		
15	16QAM	36	0	21.72	21.70	21.78	22.00	22.04	21.98	22.5	0
15	16QAM	36	20	21.95	21.92	21.73	22.03	21.88	22.06		
15	16QAM	36	39	21.81	21.74	21.84	21.92	21.96	22.08		
15	16QAM	75	0	21.85	21.92	21.77	21.84	22.01	21.94		
15	64QAM	1	0	21.68	21.68	21.67	21.82	21.96	21.98	22.5	0
15	64QAM	1	37	21.76	22.02	21.80	21.91	21.90	21.94		
15	64QAM	1	74	21.83	21.82	21.68	21.77	22.03	21.88		
15	64QAM	36	0	21.73	21.82	21.74	21.90	21.97	22.08	22.5	0
15	64QAM	36	20	21.80	21.76	21.82	22.05	21.90	21.98		
15	64QAM	36	39	21.88	21.75	21.85	21.99	22.03	22.07		
15	64QAM	75	0	21.94	21.97	21.83	21.94	21.99	22.09		
15	256QAM	1	0	19.45	19.54	19.53	19.63	19.33	19.37	20.5	2
15	256QAM	1	37	19.43	19.60	19.43	19.69	19.29	19.25		
15	256QAM	1	74	19.56	19.55	19.55	19.68	19.49	19.43		
15	256QAM	36	0	19.50	19.51	19.48	19.66	19.47	19.43	20.5	2
15	256QAM	36	20	19.65	19.59	19.45	19.74	19.41	19.48		
15	256QAM	36	39	19.63	19.64	19.54	19.52	19.36	19.40		
15	256QAM	75	0	19.71	19.62	19.47	19.76	19.41	19.47		
Channel				39740	39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2501	2547	2593	2639	2685		
10	QPSK	1	0	21.85	21.66	21.79	22.00	21.84	21.92	22.50	0
10	QPSK	1	25	21.69	21.69	21.64	21.77	21.93	21.92		
10	QPSK	1	49	21.76	21.63	21.68	21.96	21.84	21.76		
10	QPSK	25	0	21.81	21.84	21.79	21.88	21.92	21.92	22.5	0
10	QPSK	25	12	21.93	21.79	21.70	21.85	21.90	22.09		
10	QPSK	25	25	21.80	21.75	21.76	21.84	21.92	21.84		
10	QPSK	50	0	21.77	21.74	21.67	21.97	21.93	21.76		
10	16QAM	1	0	21.68	21.80	21.70	21.70	21.97	22.01	22.5	0
10	16QAM	1	25	21.88	21.81	21.78	22.00	21.99	21.76		
10	16QAM	1	49	21.68	21.62	21.75	21.71	21.89	21.88		
10	16QAM	25	0	21.73	21.73	21.73	21.86	21.87	21.99	22.5	0
10	16QAM	25	12	21.80	21.88	21.86	21.94	21.97	22.07		
10	16QAM	25	25	21.84	21.69	21.85	21.99	21.86	22.03		
10	16QAM	50	0	21.79	21.74	21.73	21.88	22.00	21.99		
10	64QAM	1	0	21.84	21.78	21.75	21.73	21.98	22.04	22.5	0
10	64QAM	1	25	21.75	22.01	21.82	21.82	21.86	22.01		
10	64QAM	1	49	21.68	21.76	21.77	21.70	21.79	21.67		
10	64QAM	25	0	21.65	21.68	21.62	21.82	21.92	22.01	22.5	0
10	64QAM	25	12	21.86	21.86	21.81	21.93	21.82	21.88		
10	64QAM	25	25	21.71	21.65	21.69	21.96	21.90	21.95		
10	64QAM	50	0	21.93	21.91	21.76	21.81	22.00	22.08		
10	256QAM	1	0	19.43	19.56	19.43	19.52	19.41	19.26	20.5	2
10	256QAM	1	25	19.50	19.53	19.42	19.65	19.37	19.30		
10	256QAM	1	49	19.58	19.52	19.56	19.58	19.42	19.34		
10	256QAM	25	0	19.42	19.47	19.46	19.67	19.38	19.45	20.5	2
10	256QAM	25	12	19.74	19.56	19.46	19.70	19.44	19.43		
10	256QAM	25	25	19.64	19.76	19.53	19.63	19.43	19.36		
10	256QAM	50	0	19.63	19.62	19.48	19.72	19.32	19.35		
Channel				39715	39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.68	21.69	21.74	21.93	22.00	21.87	22.50	0
5	QPSK	1	12	21.65	21.61	21.75	21.67	21.81	21.74		
5	QPSK	1	24	21.63	21.73	21.74	21.85	21.77	21.76		
5	QPSK	12	0	21.74	21.57	21.68	21.90	21.89	21.85	22.5	0
5	QPSK	12	7	21.76	21.72	21.67	21.80	21.96	21.84		
5	QPSK	12	13	21.75	21.67	21.75	21.84	21.83	21.83		
5	QPSK	25	0	21.66	21.66	21.62	21.93	21.88	21.80		
5	16QAM	1	0	21.69	21.73	21.76	21.79	21.88	22.03	22.5	0
5	16QAM	1	12	21.77	21.90	21.77	21.75	22.04	21.73		
5	16QAM	1	24	21.82	21.72	21.65	21.65	21.86	21.76		
5	16QAM	12	0	21.74	21.80	21.72	21.75	21.88	21.93	22.5	0
5	16QAM	12	7	21.88	21.86	21.75	21.82	21.80	22.06		
5	16QAM	12	13	21.70	21.74	21.81	21.81	21.72	21.98		
5	16QAM	25	0	21.82	21.87	21.77	21.81	22.00	21.85		
5	64QAM	1	0	21.62	21.62	21.68	21.74	21.97	21.79	22.5	0
5	64QAM	1	12	21.72	21.97	21.63	21.87	21.86	21.94		
5	64QAM	1	24	21.65	21.68	21.59	21.61	21.86	21.79		
5	64QAM	12	0	21.77	21.74	21.83	21.76	21.96	21.86	22.5	0
5	64QAM	12	7	21.85	21.72	21.72	21.85	21.99	22.01		
5	64QAM	12	13	21.80	21.78	21.75	21.80	22.08	21.77		
5	64QAM	25	0	21.80	21.68	21.71	21.76	21.84	21.96		
5	256QAM	1	0	19.39	19.57	19.39	19.65	19.31	19.27	20.5	2
5	256QAM	1	12	19.45	19.55	19.37	19.72	19.34	19.34		
5	256QAM	1	24	19.63	19.56	19.48	19.60	19.43	19.42		
5	256QAM	12	0	19.55	19.53	19.46	19.73	19.45	19.40	20.5	2
5	256QAM	12	7	19.67	19.51	19.45	19.69	19.42	19.46		
5	256QAM	12	13	19.73	19.71	19.49	19.54	19.41	19.38		
5	256QAM	25	0	19.72	19.63	19.47	19.65	19.28	19.41		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.71	24.84	24.77	25.7	0
20	QPSK	1	49	24.65	24.75	24.79		
20	QPSK	1	99	24.76	24.73	24.81		
20	QPSK	50	0	23.97	24.01	23.89	24.7	1
20	QPSK	50	24	23.85	23.85	23.83		
20	QPSK	50	50	23.92	23.86	23.91		
20	QPSK	100	0	23.92	23.95	23.88		
20	16QAM	1	0	23.96	23.94	23.96	24.7	1
20	16QAM	1	49	24.06	23.97	23.96		
20	16QAM	1	99	23.93	23.87	23.98		
20	16QAM	50	0	22.88	22.87	22.95	23.7	2
20	16QAM	50	24	22.84	22.86	22.78		
20	16QAM	50	50	22.92	22.84	22.81		
20	16QAM	100	0	22.82	22.87	22.83		
20	64QAM	1	0	22.92	22.81	22.88	23.7	2
20	64QAM	1	49	22.80	22.74	22.74		
20	64QAM	1	99	22.81	22.71	22.68		
20	64QAM	50	0	21.85	21.87	21.75	22.7	3
20	64QAM	50	24	21.83	21.82	21.89		
20	64QAM	50	50	21.71	21.79	21.83		
20	64QAM	100	0	21.87	21.85	21.88		
20	256QAM	1	0	19.81	19.98	19.86	20.7	5
20	256QAM	1	49	19.68	19.63	19.76		
20	256QAM	1	99	19.76	19.61	19.85		
20	256QAM	50	0	19.86	20.02	19.97	20.7	5
20	256QAM	50	24	19.77	19.81	19.94		
20	256QAM	50	50	19.86	19.83	19.91		
20	256QAM	100	0	19.89	19.84	19.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.47	24.82	24.75	25.7	0
15	QPSK	1	37	24.59	24.56	24.64		
15	QPSK	1	74	24.74	24.65	24.72		
15	QPSK	36	0	23.83	23.77	23.78	24.7	1
15	QPSK	36	20	23.61	23.81	23.80		
15	QPSK	36	39	23.89	23.89	23.68		
15	QPSK	75	0	23.86	23.87	23.71		
15	16QAM	1	0	23.82	23.88	23.84	24.7	1
15	16QAM	1	37	24.07	23.93	23.94		
15	16QAM	1	74	23.96	23.87	24.00		
15	16QAM	36	0	22.64	22.67	22.85	23.7	2
15	16QAM	36	20	22.72	22.88	22.58		
15	16QAM	36	39	22.84	22.80	22.71		
15	16QAM	75	0	22.74	22.83	22.79		
15	64QAM	1	0	22.77	22.79	22.65	23.7	2
15	64QAM	1	37	22.56	22.68	22.67		
15	64QAM	1	74	22.68	22.60	22.57		
15	64QAM	36	0	21.64	21.76	21.64	22.7	3
15	64QAM	36	20	21.74	21.65	21.83		
15	64QAM	36	39	21.59	21.80	21.64		
15	64QAM	75	0	21.72	21.84	21.88		
15	256QAM	1	0	19.47	19.85	19.64	20.7	5
15	256QAM	1	37	19.65	19.67	19.72		
15	256QAM	1	74	19.80	19.69	19.71		
15	256QAM	36	0	19.73	19.85	19.89	20.7	5
15	256QAM	36	20	19.64	19.83	19.75		
15	256QAM	36	39	19.92	19.85	19.64		
15	256QAM	75	0	19.77	19.79	19.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.66	24.67	24.65	25.7	0
10	QPSK	1	25	24.46	24.80	24.74		
10	QPSK	1	49	24.53	24.62	24.80		
10	QPSK	25	0	23.96	23.67	23.76	24.7	1
10	QPSK	25	12	23.70	23.76	23.86		
10	QPSK	25	25	23.79	23.73	23.76		
10	QPSK	50	0	23.90	23.85	23.97		
10	16QAM	1	0	23.80	23.92	23.89	24.7	1
10	16QAM	1	25	24.06	23.92	23.92		
10	16QAM	1	49	23.77	23.86	23.86		
10	16QAM	25	0	22.87	22.62	22.97	23.7	2
10	16QAM	25	12	22.63	22.89	22.59		
10	16QAM	25	25	22.75	22.85	22.65		
10	16QAM	50	0	22.80	22.90	22.79		
10	64QAM	1	0	22.68	22.66	22.89	23.7	2
10	64QAM	1	25	22.66	22.63	22.73		
10	64QAM	1	49	22.62	22.57	22.58		
10	64QAM	25	0	21.68	21.70	21.68	22.7	3
10	64QAM	25	12	21.62	21.65	21.83		
10	64QAM	25	25	21.70	21.72	21.83		
10	64QAM	50	0	21.71	21.84	21.70		
10	256QAM	1	0	19.70	19.78	19.66	20.7	5
10	256QAM	1	25	19.58	19.68	19.66		
10	256QAM	1	49	19.59	19.71	19.91		
10	256QAM	25	0	19.93	19.78	19.72	20.7	5
10	256QAM	25	12	19.62	19.82	19.88		
10	256QAM	25	25	19.68	19.85	19.67		
10	256QAM	50	0	19.90	19.84	20.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.83	24.67	25.7	0
5	QPSK	1	12	24.61	24.66	24.73		
5	QPSK	1	24	24.79	24.72	24.76		
5	QPSK	12	0	23.87	23.68	23.94	24.7	1
5	QPSK	12	7	23.79	23.79	23.63		
5	QPSK	12	13	23.68	23.71	23.92		
5	QPSK	25	0	23.79	23.74	23.97		
5	16QAM	1	0	23.99	23.91	23.72	24.7	1
5	16QAM	1	12	23.89	23.96	23.96		
5	16QAM	1	24	23.77	23.65	23.80		
5	16QAM	12	0	22.72	22.77	22.90	23.7	2
5	16QAM	12	7	22.64	22.69	22.78		
5	16QAM	12	13	22.80	22.79	22.58		
5	16QAM	25	0	22.61	22.82	22.77		
5	64QAM	1	0	22.83	22.64	22.73	23.7	2
5	64QAM	1	12	22.83	22.74	22.54		
5	64QAM	1	24	22.67	22.57	22.48		
5	64QAM	12	0	21.89	21.88	21.50	22.7	3
5	64QAM	12	7	21.67	21.62	21.77		
5	64QAM	12	13	21.66	21.73	21.70		
5	64QAM	25	0	21.62	21.68	21.87		
5	256QAM	1	0	19.70	19.81	19.62	20.7	5
5	256QAM	1	12	19.66	19.68	19.67		
5	256QAM	1	24	19.77	19.65	19.77		
5	256QAM	12	0	19.84	19.74	19.95	20.7	5
5	256QAM	12	7	19.81	19.73	19.63		
5	256QAM	12	13	19.65	19.83	19.84		
5	256QAM	25	0	19.86	19.70	20.05		

Band 48 Ant10 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.32	22.39	22.22	22.24	23.5	0
20	QPSK	1	49	22.31	22.24	22.38	22.26		
20	QPSK	1	99	22.24	22.29	22.30	22.36		
20	QPSK	50	0	21.48	21.57	21.45	21.34	22.5	1
20	QPSK	50	24	21.30	21.31	21.28	21.42		
20	QPSK	50	50	21.44	21.46	21.46	21.45		
20	QPSK	100	0	21.39	21.51	21.35	21.43		
20	16QAM	1	0	21.52	21.34	21.34	21.49	22.5	1
20	16QAM	1	49	21.36	21.50	21.32	21.24		
20	16QAM	1	99	21.30	21.47	21.40	21.36		
20	16QAM	50	0	20.48	20.44	20.32	20.37	21.5	2
20	16QAM	50	24	20.36	20.38	20.58	20.60		
20	16QAM	50	50	20.50	20.41	20.49	20.54		
20	16QAM	100	0	20.40	20.37	20.52	20.38		
20	64QAM	1	0	20.37	20.42	20.21	20.36	21.5	2
20	64QAM	1	49	20.21	20.33	20.39	20.36		
20	64QAM	1	99	20.40	20.34	20.30	20.25		
20	64QAM	50	0	19.22	19.30	19.39	19.32	20.5	3
20	64QAM	50	24	19.51	19.49	19.43	19.54		
20	64QAM	50	50	19.57	19.48	19.51	19.49		
20	64QAM	100	0	19.52	19.25	19.42	19.50		
20	256QAM	1	0	17.34	17.43	17.32	17.32	18.5	5
20	256QAM	1	49	17.21	17.35	17.45	17.33		
20	256QAM	1	99	17.15	17.22	17.19	17.44		
20	256QAM	50	0	17.59	17.57	17.47	17.26	18.5	5
20	256QAM	50	24	17.41	17.38	17.24	17.34		
20	256QAM	50	50	17.41	17.48	17.45	17.39		
20	256QAM	100	0	17.49	17.51	17.25	17.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.33	22.26	22.25	22.04	23.5	0
15	QPSK	1	37	22.19	22.13	22.28	22.26		
15	QPSK	1	74	22.09	22.14	22.34	22.30		
15	QPSK	36	0	21.29	21.43	21.36	21.11	22.5	1
15	QPSK	36	20	21.13	21.25	21.14	21.23		
15	QPSK	36	39	21.30	21.25	21.40	21.27		
15	QPSK	75	0	21.19	21.32	21.23	21.48		
15	16QAM	1	0	21.36	21.25	21.21	21.30	22.5	1
15	16QAM	1	37	21.13	21.43	21.14	21.16		
15	16QAM	1	74	21.23	21.46	21.23	21.25		
15	16QAM	36	0	20.42	20.24	20.22	20.30	21.5	2
15	16QAM	36	20	20.18	20.25	20.34	20.42		
15	16QAM	36	39	20.32	20.40	20.29	20.57		
15	16QAM	75	0	20.43	20.27	20.45	20.19		
15	64QAM	1	0	20.34	20.35	20.08	20.27	21.5	2
15	64QAM	1	37	20.13	20.19	20.30	20.32		
15	64QAM	1	74	20.38	20.12	20.17	20.19		
15	64QAM	36	0	19.19	19.30	19.41	19.34	20.5	3
15	64QAM	36	20	19.42	19.29	19.42	19.58		
15	64QAM	36	39	19.35	19.35	19.51	19.54		
15	64QAM	75	0	19.41	19.17	19.39	19.45		
15	256QAM	1	0	17.23	17.22	17.35	17.11	18.5	5
15	256QAM	1	37	17.13	17.10	17.39	17.26		
15	256QAM	1	74	17.00	17.12	17.37	17.36		
15	256QAM	36	0	17.23	17.41	17.34	17.16	18.5	5
15	256QAM	36	20	17.17	17.32	17.19	17.27		
15	256QAM	36	39	17.36	17.23	17.32	17.27		
15	256QAM	75	0	17.27	17.24	17.26	17.48		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.29	22.10	22.02	22.01	23.5	0
10	QPSK	1	25	22.20	22.25	22.17	22.09		
10	QPSK	1	49	22.18	22.30	22.34	22.20		
10	QPSK	25	0	21.42	21.37	21.45	21.25	22.5	1
10	QPSK	25	12	21.24	21.19	21.25	21.26		
10	QPSK	25	25	21.33	21.35	21.29	21.40		
10	QPSK	50	0	21.23	21.37	21.16	21.44		
10	16QAM	1	0	21.48	21.24	21.24	21.30	22.5	1
10	16QAM	1	25	21.37	21.41	21.31	21.24		
10	16QAM	1	49	21.11	21.33	21.17	21.40		
10	16QAM	25	0	20.30	20.49	20.23	20.40	21.5	2
10	16QAM	25	12	20.31	20.30	20.36	20.38		
10	16QAM	25	25	20.52	20.20	20.53	20.30		
10	16QAM	50	0	20.40	20.42	20.41	20.42		
10	64QAM	1	0	20.24	20.33	19.97	20.25	21.5	2
10	64QAM	1	25	20.07	20.12	20.27	20.18		
10	64QAM	1	49	20.22	20.32	20.24	20.21		
10	64QAM	25	0	19.15	19.16	19.36	19.25	20.5	3
10	64QAM	25	12	19.43	19.24	19.29	19.39		
10	64QAM	25	25	19.38	19.45	19.44	19.35		
10	64QAM	50	0	19.37	19.05	19.23	19.42		
10	256QAM	1	0	17.22	17.07	17.14	16.93	18.5	5
10	256QAM	1	25	17.22	17.28	17.19	17.00		
10	256QAM	1	49	17.14	17.20	17.29	17.26		
10	256QAM	25	0	17.35	17.36	17.50	17.26	18.5	5
10	256QAM	25	12	17.23	17.18	17.27	17.25		
10	256QAM	25	25	17.39	17.40	17.19	17.44		
10	256QAM	50	0	17.14	17.36	17.10	17.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.22	22.11	22.16	22.08	23.5	0
5	QPSK	1	12	22.35	22.09	22.13	22.06		
5	QPSK	1	24	22.19	22.05	22.07	22.31		
5	QPSK	12	0	21.33	21.47	21.20	21.20	22.5	1
5	QPSK	12	7	21.16	21.26	21.14	21.18		
5	QPSK	12	13	21.35	21.38	21.42	21.43		
5	QPSK	25	0	21.23	21.29	21.30	21.42		
5	16QAM	1	0	21.36	21.28	21.17	21.35	22.5	1
5	16QAM	1	12	21.13	21.40	21.27	21.12		
5	16QAM	1	24	21.21	21.44	21.32	21.26		
5	16QAM	12	0	20.41	20.44	20.13	20.21	21.5	2
5	16QAM	12	7	20.17	20.37	20.36	20.49		
5	16QAM	12	13	20.30	20.35	20.27	20.44		
5	16QAM	25	0	20.31	20.37	20.37	20.26		
5	64QAM	1	0	20.18	20.27	20.08	20.20	21.5	2
5	64QAM	1	12	20.11	20.21	20.38	20.14		
5	64QAM	1	24	20.44	20.13	20.25	20.23		
5	64QAM	12	0	19.21	19.26	19.42	19.30	20.5	3
5	64QAM	12	7	19.27	19.43	19.47	19.33		
5	64QAM	12	13	19.55	19.52	19.36	19.47		
5	64QAM	25	0	19.50	19.28	19.35	19.31		
5	256QAM	1	0	17.18	17.05	17.10	17.01	18.5	5
5	256QAM	1	12	17.39	17.03	17.05	17.02		
5	256QAM	1	24	17.14	17.08	17.11	17.26		
5	256QAM	12	0	17.35	17.46	17.25	17.23	18.5	5
5	256QAM	12	7	17.18	17.26	17.10	17.09		
5	256QAM	12	13	17.36	17.45	17.37	17.34		
5	256QAM	25	0	17.27	17.20	17.28	17.44		

GSM850 Ant0 DSI4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.86	32.88	33.50	23.72	23.86	23.88	24.50
GPRS 1 Tx slot	32.81	32.87	32.97	33.50	23.81	23.87	23.97	24.50
GPRS 2 Tx slots	29.62	29.40	29.66	30.50	23.62	23.40	23.66	24.50
GPRS 3 Tx slots	27.75	27.77	27.82	28.50	23.49	23.51	23.56	24.24
GPRS 4 Tx slots	26.30	26.58	26.57	27.50	23.30	23.58	23.57	24.50
EDGE 1 Tx slot	26.71	26.70	27.05	27.50	17.71	17.70	18.05	18.50
EDGE 2 Tx slots	23.68	23.63	23.55	24.50	17.68	17.63	17.55	18.50
EDGE 3 Tx slots	21.74	22.01	22.03	23.00	17.48	17.75	17.77	18.74
EDGE 4 Tx slots	20.32	20.64	20.62	21.50	17.32	17.64	17.62	18.50

WCDMA V Ant0 DSI4

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.20	24.31	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.34	24.27	25.00
3GPP Rel 6	HSDPA Subtest-1	23.38	23.19	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.38	23.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.83	22.69	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.77	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.25	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.10	23.36	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.89	22.86	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.84	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.09	23.29	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.36	21.22	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.18	22.53	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.05	21.24	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.36	23.42	24.00

Band 4 Ant0 DSI4

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	22.96	23.04	22.79	24.5	0
20	QPSK	1	49	22.88	22.83	22.94		
20	QPSK	1	99	22.71	22.84	22.80		
20	QPSK	50	0	22.00	22.10	21.85	23.5	1
20	QPSK	50	24	21.96	21.89	21.97		
20	QPSK	50	50	22.04	21.92	21.88		
20	QPSK	100	0	21.91	22.08	21.76		
20	16QAM	1	0	22.17	22.24	22.09	23.5	1
20	16QAM	1	49	22.11	22.17	22.27		
20	16QAM	1	99	22.20	22.32	22.03		
20	16QAM	50	0	20.80	20.86	20.90	22.5	2
20	16QAM	50	24	20.86	20.85	20.98		
20	16QAM	50	50	20.84	20.82	20.81		
20	16QAM	100	0	20.84	20.88	20.84		
20	64QAM	1	0	20.93	21.09	20.99	22.5	2
20	64QAM	1	49	20.96	20.89	20.90		
20	64QAM	1	99	20.71	20.74	21.02		
20	64QAM	50	0	19.82	19.96	19.91	21.5	3
20	64QAM	50	24	19.84	19.85	20.02		
20	64QAM	50	50	19.75	19.78	19.91		
20	64QAM	100	0	19.71	19.93	19.78		
20	256QAM	1	0	17.99	18.11	17.86	19.5	5
20	256QAM	1	49	17.82	17.89	18.03		
20	256QAM	1	99	17.82	17.73	17.88		
20	256QAM	50	0	17.95	17.77	17.94	19.5	5
20	256QAM	50	24	18.12	18.00	17.98		
20	256QAM	50	50	18.05	17.84	17.97		
20	256QAM	100	0	18.03	17.86	17.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	22.82	22.64	24.5	0
15	QPSK	1	37	22.97	22.76	22.88		
15	QPSK	1	74	22.64	22.72	22.73		
15	QPSK	36	0	22.11	22.06	21.94	23.5	1
15	QPSK	36	20	22.29	22.01	22.12		
15	QPSK	36	39	22.10	22.08	21.96		
15	QPSK	75	0	22.14	22.01	21.88		
15	16QAM	1	0	22.09	22.17	22.00	23.5	1
15	16QAM	1	37	21.98	22.06	22.17		
15	16QAM	1	74	22.16	22.21	21.93		
15	16QAM	36	0	20.75	20.83	20.77	22.5	2
15	16QAM	36	20	20.74	20.82	20.87		
15	16QAM	36	39	20.77	20.68	20.66		
15	16QAM	75	0	20.75	20.85	20.73		
15	64QAM	1	0	20.78	20.97	20.84	22.5	2
15	64QAM	1	37	20.91	20.75	20.84		
15	64QAM	1	74	20.65	20.68	20.87		
15	64QAM	36	0	19.74	19.93	19.76	21.5	3
15	64QAM	36	20	19.69	19.77	19.99		
15	64QAM	36	39	19.62	19.68	19.89		
15	64QAM	75	0	19.67	19.88	19.66		
15	256QAM	1	0	17.91	17.82	17.64	19.5	5
15	256QAM	1	37	17.97	17.76	17.88		
15	256QAM	1	74	17.64	17.72	17.73		
15	256QAM	36	0	17.91	17.86	17.74	19.5	5
15	256QAM	36	20	18.09	17.81	17.92		
15	256QAM	36	39	17.90	17.88	17.76		
15	256QAM	75	0	17.94	17.81	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	22.79	22.68	24.5	0
10	QPSK	1	25	22.87	22.87	22.99		
10	QPSK	1	49	22.72	22.80	22.83		
10	QPSK	25	0	22.02	21.97	21.73	23.5	1
10	QPSK	25	12	22.03	21.91	22.02		
10	QPSK	25	25	21.98	21.85	21.82		
10	QPSK	50	0	21.92	21.86	21.56		
10	16QAM	1	0	22.15	22.08	21.89	23.5	1
10	16QAM	1	25	21.99	22.10	22.15		
10	16QAM	1	49	22.15	22.14	21.90		
10	16QAM	25	0	20.68	20.74	20.68	22.5	2
10	16QAM	25	12	20.79	20.77	20.92		
10	16QAM	25	25	20.73	20.71	20.54		
10	16QAM	50	0	20.66	20.85	20.61		
10	64QAM	1	0	20.76	20.98	20.72	22.5	2
10	64QAM	1	25	20.84	20.66	20.89		
10	64QAM	1	49	20.75	20.79	20.82		
10	64QAM	25	0	19.82	20.02	19.81	21.5	3
10	64QAM	25	12	19.62	19.87	19.95		
10	64QAM	25	25	19.56	19.69	19.81		
10	64QAM	50	0	19.79	19.99	19.68		
10	256QAM	1	0	17.93	17.79	17.60	19.5	5
10	256QAM	1	25	17.89	17.74	17.79		
10	256QAM	1	49	17.56	17.68	17.64		
10	256QAM	25	0	17.89	17.95	17.65	19.5	5
10	256QAM	25	12	17.96	17.80	17.92		
10	256QAM	25	25	17.82	17.97	17.72		
10	256QAM	50	0	18.03	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	22.85	22.67	24.5	0
5	QPSK	1	12	22.99	22.72	22.83		
5	QPSK	1	24	22.69	22.75	22.71		
5	QPSK	12	0	21.86	21.76	21.71	23.5	1
5	QPSK	12	7	22.07	21.84	21.86		
5	QPSK	12	13	21.97	21.78	21.78		
5	QPSK	25	0	22.01	21.77	21.71		
5	16QAM	1	0	22.05	22.15	22.04	23.5	1
5	16QAM	1	12	21.96	22.05	22.17		
5	16QAM	1	24	22.05	22.24	21.92		
5	16QAM	12	0	20.75	20.70	20.77	22.5	2
5	16QAM	12	7	20.72	20.74	20.92		
5	16QAM	12	13	20.76	20.79	20.66		
5	16QAM	25	0	20.79	20.79	20.75		
5	64QAM	1	0	20.85	21.05	20.88	22.5	2
5	64QAM	1	12	20.94	20.79	20.85		
5	64QAM	1	24	20.74	20.72	20.95		
5	64QAM	12	0	19.70	19.83	19.80	21.5	3
5	64QAM	12	7	19.70	19.83	19.89		
5	64QAM	12	13	19.69	19.66	19.86		
5	64QAM	25	0	19.63	19.83	19.69		
5	256QAM	1	0	18.00	17.96	17.74	19.5	5
5	256QAM	1	12	17.88	17.83	17.83		
5	256QAM	1	24	17.78	17.66	17.71		
5	256QAM	12	0	17.78	17.71	17.70	19.5	5
5	256QAM	12	7	18.02	17.79	17.95		
5	256QAM	12	13	18.07	17.76	17.78		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.90	22.82	22.76	24.5	0
3	QPSK	1	8	22.98	22.68	22.78		
3	QPSK	1	14	22.63	22.76	22.71		
3	QPSK	8	0	21.97	21.80	21.79	23.5	1
3	QPSK	8	4	22.02	21.80	21.93		
3	QPSK	8	7	21.90	21.88	21.85		
3	QPSK	15	0	22.05	21.86	21.66		
3	16QAM	1	0	22.04	22.18	21.97	23.5	1
3	16QAM	1	8	21.97	22.12	22.12		
3	16QAM	1	14	22.05	22.22	22.00		
3	16QAM	8	0	20.77	20.74	20.81	22.5	2
3	16QAM	8	4	20.83	20.78	20.85		
3	16QAM	8	7	20.80	20.79	20.78		
3	16QAM	15	0	20.70	20.80	20.71		
3	64QAM	1	0	20.89	20.94	20.84	22.5	2
3	64QAM	1	8	20.89	20.82	20.88		
3	64QAM	1	14	20.55	20.71	20.94		
3	64QAM	8	0	19.73	19.81	19.86	21.5	3
3	64QAM	8	4	19.70	19.82	19.91		
3	64QAM	8	7	19.61	19.76	19.88		
3	64QAM	15	0	19.64	19.80	19.66		
3	256QAM	1	0	17.80	17.87	17.73	19.5	5
3	256QAM	1	8	17.93	17.59	17.73		
3	256QAM	1	14	17.73	17.68	17.66		
3	256QAM	8	0	18.03	17.74	17.84	19.5	5
3	256QAM	8	4	17.97	17.88	17.82		
3	256QAM	8	7	17.85	17.84	17.83		
3	256QAM	15	0	18.02	17.83	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.76	22.63	24.5	0
1.4	QPSK	1	3	22.90	22.76	22.82		
1.4	QPSK	1	5	22.61	22.73	22.77		
1.4	QPSK	3	0	22.94	22.79	22.82		
1.4	QPSK	3	1	22.99	22.78	22.82		
1.4	QPSK	3	3	22.99	22.79	22.72		
1.4	QPSK	6	0	21.94	21.86	21.62	23.5	1
1.4	16QAM	1	0	21.79	21.80	21.69	23.5	1
1.4	16QAM	1	3	21.70	21.69	21.79		
1.4	16QAM	1	5	21.80	21.86	21.67		
1.4	16QAM	3	0	21.65	21.82	21.84		
1.4	16QAM	3	1	21.71	21.74	21.90		
1.4	16QAM	3	3	21.81	21.74	21.74		
1.4	16QAM	6	0	20.74	20.73	20.78	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.51	22.5	2
1.4	64QAM	1	3	20.68	20.67	20.72		
1.4	64QAM	1	5	20.63	20.76	20.67		
1.4	64QAM	3	0	20.72	20.82	20.76		
1.4	64QAM	3	1	20.80	20.82	20.97		
1.4	64QAM	3	3	20.71	20.73	20.84		
1.4	64QAM	6	0	19.57	19.88	19.75	21.5	3
1.4	256QAM	1	0	17.89	17.65	17.62	19.5	5
1.4	256QAM	1	3	17.94	17.76	17.71		
1.4	256QAM	1	5	17.61	17.64	17.78		
1.4	256QAM	3	0	17.72	17.70	17.76		
1.4	256QAM	3	1	17.81	17.72	17.72		
1.4	256QAM	3	3	17.87	17.71	17.71		
1.4	256QAM	6	0	17.86	17.82	17.71	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.17	24.24	24.20	25.5	0
10	QPSK	1	25	24.12	24.20	24.04		
10	QPSK	1	49	23.88	24.10	24.06		
10	QPSK	25	0	23.23	23.32	23.17	24.5	1
10	QPSK	25	12	23.31	23.13	23.23		
10	QPSK	25	25	23.27	23.26	23.24		
10	QPSK	50	0	23.22	23.26	23.21		
10	16QAM	1	0	23.58	23.68	23.56	24.5	1
10	16QAM	1	25	23.52	23.45	23.30		
10	16QAM	1	49	23.44	23.57	23.52		
10	16QAM	25	0	22.24	22.23	22.10	23.5	2
10	16QAM	25	12	22.24	22.18	22.24		
10	16QAM	25	25	22.26	22.14	22.27		
10	16QAM	50	0	22.28	22.20	22.31		
10	64QAM	1	0	22.37	22.59	22.39	23.5	2
10	64QAM	1	25	22.64	22.37	22.46		
10	64QAM	1	49	22.54	22.57	22.44		
10	64QAM	25	0	21.28	21.22	21.13	22.5	3
10	64QAM	25	12	21.33	21.10	21.35		
10	64QAM	25	25	21.33	21.21	21.32		
10	64QAM	50	0	21.21	21.12	21.23		
10	256QAM	1	0	19.14	19.17	19.22	20.5	5
10	256QAM	1	25	19.19	19.27	19.11		
10	256QAM	1	49	18.94	19.20	19.11		
10	256QAM	25	0	19.22	19.31	19.11	20.5	5
10	256QAM	25	12	19.38	19.04	19.28		
10	256QAM	25	25	19.29	19.18	19.33		
10	256QAM	50	0	19.29	19.34	19.15		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.13	24.07	24.05	25.5	0
5	QPSK	1	12	24.11	24.10	23.91		
5	QPSK	1	24	23.77	23.94	23.97		
5	QPSK	12	0	23.08	23.17	23.12	24.5	1
5	QPSK	12	7	23.25	23.04	23.16		
5	QPSK	12	13	23.18	23.18	23.12		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.44	23.56	23.42	24.5	1
5	16QAM	1	12	23.47	23.34	23.25		
5	16QAM	1	24	23.29	23.53	23.44		
5	16QAM	12	0	22.10	22.09	22.01	23.5	2
5	16QAM	12	7	22.18	22.14	22.10		
5	16QAM	12	13	22.19	22.09	22.13		
5	16QAM	25	0	22.18	22.06	22.25		
5	64QAM	1	0	22.30	22.51	22.27	23.5	2
5	64QAM	1	12	22.52	22.29	22.32		
5	64QAM	1	24	22.45	22.48	22.33		
5	64QAM	12	0	21.18	21.14	21.07	22.5	3
5	64QAM	12	7	21.18	21.05	21.29		
5	64QAM	12	13	21.26	21.05	21.27		
5	64QAM	25	0	21.14	21.05	21.13		
5	256QAM	1	0	19.17	19.14	19.05	20.5	5
5	256QAM	1	12	19.04	19.19	18.88		
5	256QAM	1	24	18.80	18.86	19.01		
5	256QAM	12	0	19.02	19.10	19.20	20.5	5
5	256QAM	12	7	19.28	18.98	19.23		
5	256QAM	12	13	19.28	19.27	19.09		
5	256QAM	25	0	19.04	19.14	19.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.01	24.05	24.07	25.5	0
3	QPSK	1	8	24.14	24.06	23.96		
3	QPSK	1	14	23.75	24.00	23.91		
3	QPSK	8	0	23.17	23.19	23.09	24.5	1
3	QPSK	8	4	23.24	22.97	23.15		
3	QPSK	8	7	23.18	23.17	23.19		
3	QPSK	15	0	23.11	23.05	23.19		
3	16QAM	1	0	23.51	23.58	23.49	24.5	1
3	16QAM	1	8	23.39	23.32	23.22		
3	16QAM	1	14	23.33	23.52	23.45		
3	16QAM	8	0	22.09	22.16	21.96	23.5	2
3	16QAM	8	4	22.14	22.13	22.16		
3	16QAM	8	7	22.12	22.09	22.18		
3	16QAM	15	0	22.15	22.08	22.22		
3	64QAM	1	0	22.32	22.48	22.24	23.5	2
3	64QAM	1	8	22.59	22.26	22.32		
3	64QAM	1	14	22.45	22.49	22.39		
3	64QAM	8	0	21.17	21.11	21.06	22.5	3
3	64QAM	8	4	21.24	21.02	21.31		
3	64QAM	8	7	21.22	21.10	21.24		
3	64QAM	15	0	21.14	21.07	21.17		
3	256QAM	1	0	19.10	19.13	19.01	20.5	5
3	256QAM	1	8	19.03	19.01	19.08		
3	256QAM	1	14	18.74	18.98	18.95		
3	256QAM	8	0	19.10	19.19	19.19	20.5	5
3	256QAM	8	4	19.18	18.85	19.09		
3	256QAM	8	7	19.20	19.13	19.15		
3	256QAM	15	0	19.03	18.95	19.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.07	23.97	24.06	25.5	0
1.4	QPSK	1	3	24.14	24.06	23.99		
1.4	QPSK	1	5	23.85	23.98	23.94		
1.4	QPSK	3	0	23.96	24.00	23.91		
1.4	QPSK	3	1	23.98	23.78	23.91		
1.4	QPSK	3	3	24.01	23.99	23.95		
1.4	QPSK	6	0	23.07	23.08	23.13	24.5	1
1.4	16QAM	1	0	23.46	23.60	23.49	24.5	1
1.4	16QAM	1	3	23.41	23.39	23.25		
1.4	16QAM	1	5	23.40	23.49	23.47		
1.4	16QAM	3	0	22.90	22.96	22.79		
1.4	16QAM	3	1	22.96	22.87	22.95		
1.4	16QAM	3	3	22.99	22.88	22.96		
1.4	16QAM	6	0	22.24	22.07	22.26	23.5	2
1.4	64QAM	1	0	22.32	22.46	22.31	23.5	2
1.4	64QAM	1	3	22.53	22.24	22.38		
1.4	64QAM	1	5	22.46	22.47	22.40		
1.4	64QAM	3	0	22.00	21.90	21.83		
1.4	64QAM	3	1	22.02	21.84	22.05		
1.4	64QAM	3	3	22.00	21.88	22.04		
1.4	64QAM	6	0	21.15	21.08	21.12	22.5	3
1.4	256QAM	1	0	19.15	19.02	19.11	20.5	5
1.4	256QAM	1	3	19.18	18.98	18.90		
1.4	256QAM	1	5	18.94	18.97	18.90		
1.4	256QAM	3	0	19.19	19.13	19.17		
1.4	256QAM	3	1	19.07	18.95	19.15		
1.4	256QAM	3	3	19.31	19.24	19.24		
1.4	256QAM	6	0	19.18	18.97	19.25	20.5	5

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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	22.99	23.21	22.93	24.5	0
20	QPSK	1	49	23.06	22.97	23.12		
20	QPSK	1	99	22.95	23.01	23.19		
20	QPSK	50	0	22.13	22.19	21.90	23.5	1
20	QPSK	50	24	22.16	22.05	21.96		
20	QPSK	50	50	21.98	22.09	22.04		
20	QPSK	100	0	21.95	22.13	21.90		
20	16QAM	1	0	22.25	22.32	22.31	23.5	1
20	16QAM	1	49	22.35	22.30	22.49		
20	16QAM	1	99	22.50	22.42	22.11		
20	16QAM	50	0	21.06	20.97	21.01	22.5	2
20	16QAM	50	24	21.20	21.03	20.95		
20	16QAM	50	50	21.19	21.12	21.08		
20	16QAM	100	0	21.11	21.09	21.01		
20	64QAM	1	0	20.89	20.86	20.79	22.5	2
20	64QAM	1	49	20.97	20.92	20.87		
20	64QAM	1	99	20.99	20.98	20.89		
20	64QAM	50	0	20.14	19.96	19.92	21.5	3
20	64QAM	50	24	20.20	20.13	20.03		
20	64QAM	50	50	20.10	20.07	20.08		
20	64QAM	100	0	20.13	19.96	20.01		
20	256QAM	1	0	18.06	18.16	17.91	19.5	5
20	256QAM	1	49	18.08	18.06	18.07		
20	256QAM	1	99	18.06	17.92	18.25		
20	256QAM	50	0	18.23	18.14	17.91	19.5	5
20	256QAM	50	24	18.25	17.95	17.96		
20	256QAM	50	50	17.98	18.11	17.96		
20	256QAM	100	0	18.01	18.06	17.84		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.85	22.89	22.88	24.5	0
15	QPSK	1	37	23.00	22.87	22.97		
15	QPSK	1	74	23.06	22.98	23.10		
15	QPSK	36	0	22.07	21.75	21.83	23.5	1
15	QPSK	36	20	22.10	21.95	21.86		
15	QPSK	36	39	22.07	22.02	21.91		
15	QPSK	75	0	22.03	21.80	21.86		
15	16QAM	1	0	22.18	22.30	22.18	23.5	1
15	16QAM	1	37	22.21	22.19	22.31		
15	16QAM	1	74	22.24	22.33	21.98		
15	16QAM	36	0	20.98	20.83	20.98	22.5	2
15	16QAM	36	20	21.15	20.99	20.85		
15	16QAM	36	39	21.09	21.08	21.06		
15	16QAM	75	0	21.05	21.03	20.86		
15	64QAM	1	0	20.75	20.79	20.69	22.5	2
15	64QAM	1	37	20.83	20.80	20.78		
15	64QAM	1	74	20.86	20.85	20.76		
15	64QAM	36	0	20.06	19.92	19.79	21.5	3
15	64QAM	36	20	20.14	20.04	19.92		
15	64QAM	36	39	20.06	19.95	20.05		
15	64QAM	75	0	20.08	19.88	19.95		
15	256QAM	1	0	17.85	17.80	17.78	19.5	5
15	256QAM	1	37	17.90	17.94	17.98		
15	256QAM	1	74	18.06	18.05	18.02		
15	256QAM	36	0	18.03	17.69	17.80	19.5	5
15	256QAM	36	20	18.00	17.90	17.86		
15	256QAM	36	39	18.03	17.98	17.81		
15	256QAM	75	0	17.93	17.69	17.89		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.88	22.88	22.80	24.5	0
10	QPSK	1	25	23.04	22.95	23.04		
10	QPSK	1	49	23.13	22.96	23.12		
10	QPSK	25	0	22.13	21.82	21.81	23.5	1
10	QPSK	25	12	22.12	22.00	21.83		
10	QPSK	25	25	22.13	22.04	21.89		
10	QPSK	50	0	22.07	21.79	21.83		
10	16QAM	1	0	22.19	22.25	22.22	23.5	1
10	16QAM	1	25	22.27	22.21	22.37		
10	16QAM	1	49	22.37	22.32	22.05		
10	16QAM	25	0	20.93	20.91	20.93	22.5	2
10	16QAM	25	12	21.16	20.99	20.80		
10	16QAM	25	25	21.12	21.09	20.99		
10	16QAM	50	0	21.04	20.97	20.88		
10	64QAM	1	0	20.79	20.76	20.76	22.5	2
10	64QAM	1	25	20.86	20.84	20.75		
10	64QAM	1	49	20.86	20.90	20.77		
10	64QAM	25	0	20.02	19.87	19.88	21.5	3
10	64QAM	25	12	20.15	20.05	19.93		
10	64QAM	25	25	20.00	19.98	19.99		
10	64QAM	50	0	20.09	19.92	19.95		
10	256QAM	1	0	17.80	17.85	17.84	19.5	5
10	256QAM	1	25	18.07	17.97	18.07		
10	256QAM	1	49	18.12	17.85	18.09		
10	256QAM	25	0	18.02	17.80	17.92	19.5	5
10	256QAM	25	12	18.17	17.88	17.93		
10	256QAM	25	25	18.09	17.98	17.92		
10	256QAM	50	0	17.98	17.74	17.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.91	22.87	22.79	24.5	0
5	QPSK	1	12	22.91	22.89	23.05		
5	QPSK	1	24	23.06	22.92	23.05		
5	QPSK	12	0	22.13	21.78	21.80	23.5	1
5	QPSK	12	7	22.09	22.00	21.88		
5	QPSK	12	13	22.17	21.94	21.98		
5	QPSK	25	0	22.04	21.80	21.80		
5	16QAM	1	0	22.16	22.27	22.20	23.5	1
5	16QAM	1	12	22.28	22.23	22.31		
5	16QAM	1	24	22.46	22.39	22.21		
5	16QAM	12	0	21.02	20.87	20.85	22.5	2
5	16QAM	12	7	21.11	20.93	20.89		
5	16QAM	12	13	21.05	21.03	21.04		
5	16QAM	25	0	20.97	21.03	20.93		
5	64QAM	1	0	20.84	20.81	20.70	22.5	2
5	64QAM	1	12	20.91	20.87	20.72		
5	64QAM	1	24	20.95	20.96	20.77		
5	64QAM	12	0	20.03	19.82	19.83	21.5	3
5	64QAM	12	7	20.11	19.99	19.88		
5	64QAM	12	13	19.96	20.02	19.93		
5	64QAM	25	0	20.05	19.84	19.88		
5	256QAM	1	0	17.87	17.83	17.91	19.5	5
5	256QAM	1	12	17.86	17.82	17.97		
5	256QAM	1	24	18.16	17.93	18.13		
5	256QAM	12	0	18.04	17.72	17.91	19.5	5
5	256QAM	12	7	17.98	18.06	17.94		
5	256QAM	12	13	18.09	18.01	17.93		
5	256QAM	25	0	18.04	17.78	17.79		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.26	24.54	24.23	25.5	0
10	QPSK	1	25	24.35	24.42	24.32		
10	QPSK	1	49	24.41	24.41	24.49		
10	QPSK	25	0	23.36	23.54	23.35	24.5	1
10	QPSK	25	12	23.49	23.51	23.44		
10	QPSK	25	25	23.53	23.49	23.44		
10	QPSK	50	0	23.44	23.51	23.41		
10	16QAM	1	0	23.88	23.90	23.85	24.5	1
10	16QAM	1	25	23.84	23.81	23.84		
10	16QAM	1	49	23.77	23.76	23.98		
10	16QAM	25	0	22.50	22.51	22.43	23.5	2
10	16QAM	25	12	22.52	22.55	22.35		
10	16QAM	25	25	22.50	22.55	22.53		
10	16QAM	50	0	22.55	22.52	22.41		
10	64QAM	1	0	22.64	22.67	22.63	23.5	2
10	64QAM	1	25	22.69	22.86	22.79		
10	64QAM	1	49	22.65	22.53	22.70		
10	64QAM	25	0	21.45	21.49	21.48	22.5	3
10	64QAM	25	12	21.56	21.49	21.37		
10	64QAM	25	25	21.52	21.57	21.42		
10	64QAM	50	0	21.33	21.41	21.36		
10	256QAM	1	0	19.34	19.54	19.26	20.5	5
10	256QAM	1	25	19.25	19.53	19.41		
10	256QAM	1	49	19.49	19.31	19.38		
10	256QAM	25	0	19.47	19.50	19.32	20.5	5
10	256QAM	25	12	19.56	19.57	19.53		
10	256QAM	25	25	19.58	19.59	19.32		
10	256QAM	50	0	19.55	19.40	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.21	24.23	24.15	25.5	0
5	QPSK	1	12	24.47	24.38	24.22		
5	QPSK	1	24	24.36	24.29	24.43		
5	QPSK	12	0	23.31	23.28	23.27	24.5	1
5	QPSK	12	7	23.39	23.46	23.32		
5	QPSK	12	13	23.39	23.45	23.30		
5	QPSK	25	0	23.46	23.39	23.30		
5	16QAM	1	0	23.74	23.83	23.70	24.5	1
5	16QAM	1	12	23.69	23.68	23.79		
5	16QAM	1	24	23.69	23.61	23.84		
5	16QAM	12	0	22.42	22.35	22.34	23.5	2
5	16QAM	12	7	22.43	22.42	22.24		
5	16QAM	12	13	22.35	22.45	22.48		
5	16QAM	25	0	22.50	22.39	22.31		
5	64QAM	1	0	22.54	22.63	22.53	23.5	2
5	64QAM	1	12	22.56	22.76	22.71		
5	64QAM	1	24	22.54	22.47	22.62		
5	64QAM	12	0	21.41	21.38	21.34	22.5	3
5	64QAM	12	7	21.48	21.38	21.26		
5	64QAM	12	13	21.44	21.48	21.35		
5	64QAM	25	0	21.24	21.37	21.23		
5	256QAM	1	0	19.13	19.29	19.24	20.5	5
5	256QAM	1	12	19.52	19.43	19.16		
5	256QAM	1	24	19.25	19.30	19.39		
5	256QAM	12	0	19.38	19.17	19.29	20.5	5
5	256QAM	12	7	19.33	19.50	19.26		
5	256QAM	12	13	19.36	19.56	19.40		
5	256QAM	25	0	19.40	19.35	19.33		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.15	24.26	24.16	25.5	0
3	QPSK	1	8	24.49	24.29	24.21		
3	QPSK	1	14	24.30	24.28	24.33		
3	QPSK	8	0	23.27	23.31	23.24	24.5	1
3	QPSK	8	4	23.41	23.43	23.29		
3	QPSK	8	7	23.43	23.43	23.34		
3	QPSK	15	0	23.40	23.35	23.26		
3	16QAM	1	0	23.80	23.78	23.79	24.5	1
3	16QAM	1	8	23.71	23.73	23.69		
3	16QAM	1	14	23.66	23.71	23.92		
3	16QAM	8	0	22.44	22.43	22.37	23.5	2
3	16QAM	8	4	22.47	22.49	22.25		
3	16QAM	8	7	22.42	22.49	22.47		
3	16QAM	15	0	22.46	22.40	22.31		
3	64QAM	1	0	22.49	22.62	22.58	23.5	2
3	64QAM	1	8	22.54	22.81	22.74		
3	64QAM	1	14	22.53	22.41	22.54		
3	64QAM	8	0	21.33	21.41	21.35	22.5	3
3	64QAM	8	4	21.46	21.44	21.27		
3	64QAM	8	7	21.40	21.50	21.37		
3	64QAM	15	0	21.18	21.25	21.26		
3	256QAM	1	0	19.08	19.35	19.13	20.5	5
3	256QAM	1	8	19.44	19.23	19.32		
3	256QAM	1	14	19.20	19.20	19.39		
3	256QAM	8	0	19.38	19.38	19.25	20.5	5
3	256QAM	8	4	19.38	19.34	19.20		
3	256QAM	8	7	19.39	19.36	19.39		
3	256QAM	15	0	19.44	19.30	19.20		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.17	24.30	24.10	25.5	0
1.4	QPSK	1	3	24.42	24.34	24.25		
1.4	QPSK	1	5	24.32	24.26	24.38		
1.4	QPSK	3	0	24.19	24.26	24.13		
1.4	QPSK	3	1	24.24	24.36	24.23		
1.4	QPSK	3	3	24.31	24.39	24.29		
1.4	QPSK	6	0	23.43	23.31	23.31	24.5	1
1.4	16QAM	1	0	23.76	23.83	23.72	24.5	1
1.4	16QAM	1	3	23.78	23.66	23.71		
1.4	16QAM	1	5	23.62	23.68	23.94		
1.4	16QAM	3	0	23.32	23.27	23.18		
1.4	16QAM	3	1	23.28	23.31	23.14		
1.4	16QAM	3	3	23.34	23.29	23.36		
1.4	16QAM	6	0	22.50	22.40	22.25	23.5	2
1.4	64QAM	1	0	22.59	22.54	22.48	23.5	2
1.4	64QAM	1	3	22.59	22.73	22.68		
1.4	64QAM	1	5	22.56	22.46	22.59		
1.4	64QAM	3	0	22.20	22.33	22.30		
1.4	64QAM	3	1	22.35	22.35	22.18		
1.4	64QAM	3	3	22.31	22.41	22.24		
1.4	64QAM	6	0	21.27	21.32	21.26	22.5	3
1.4	256QAM	1	0	19.12	19.29	19.20	20.5	5
1.4	256QAM	1	3	19.43	19.36	19.34		
1.4	256QAM	1	5	19.35	19.31	19.46		
1.4	256QAM	3	0	19.08	19.27	19.18		
1.4	256QAM	3	1	19.16	19.28	19.23		
1.4	256QAM	3	3	19.36	19.38	19.18		
1.4	256QAM	6	0	19.32	19.35	19.32	20.5	5

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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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.54		25.5	0
10	QPSK	1	25		24.43			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.63		24.5	1
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.51			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.49		24.5	1
10	16QAM	1	25		23.45			
10	16QAM	1	49		23.54			
10	16QAM	25	0		22.55		23.5	2
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.64			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.65		23.5	2
10	64QAM	1	25		22.67			
10	64QAM	1	49		22.70			
10	64QAM	25	0		21.55		22.5	3
10	64QAM	25	12		21.56			
10	64QAM	25	25		21.62			
10	64QAM	50	0		21.53			
10	256QAM	1	0		19.38		20.5	5
10	256QAM	1	25		19.39			
10	256QAM	1	49		19.17			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.24			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.50	24.47	25.5	0
5	QPSK	1	12	24.37	24.48	24.49		
5	QPSK	1	24	24.48	24.48	24.50		
5	QPSK	12	0	23.46	23.50	23.51	24.5	1
5	QPSK	12	7	23.60	23.54	23.54		
5	QPSK	12	13	23.56	23.59	23.58		
5	QPSK	25	0	23.53	23.50	23.47		
5	16QAM	1	0	23.49	23.55	23.47	24.5	1
5	16QAM	1	12	23.55	23.60	23.58		
5	16QAM	1	24	23.51	23.49	23.55		
5	16QAM	12	0	22.53	22.59	22.61	23.5	2
5	16QAM	12	7	22.68	22.61	22.64		
5	16QAM	12	13	22.63	22.69	22.66		
5	16QAM	25	0	22.60	22.51	22.54		
5	64QAM	1	0	22.60	22.77	22.75	23.5	2
5	64QAM	1	12	22.79	22.81	22.79		
5	64QAM	1	24	22.61	22.71	22.66		
5	64QAM	12	0	21.51	21.55	21.51	22.5	3
5	64QAM	12	7	21.65	21.52	21.57		
5	64QAM	12	13	21.60	21.63	21.61		
5	64QAM	25	0	21.55	21.51	21.53		
5	256QAM	1	0	19.28	19.43	19.20	20.5	5
5	256QAM	1	12	19.12	19.38	19.33		
5	256QAM	1	24	19.40	19.22	19.32		
5	256QAM	12	0	19.34	19.39	19.25	20.5	5
5	256QAM	12	7	19.47	19.47	19.40		
5	256QAM	12	13	19.51	19.42	19.14		
5	256QAM	25	0	19.47	19.30	19.23		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.23	24.06	25.5	0
10	QPSK	1	25	24.08	23.99	24.17		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	23.12	23.26	23.22	24.5	1
10	QPSK	25	12	23.24	23.17	23.23		
10	QPSK	25	25	23.23	23.23	23.21		
10	QPSK	50	0	23.12	23.22	23.19		
10	16QAM	1	0	23.42	23.48	23.31	24.5	1
10	16QAM	1	25	23.61	23.41	23.35		
10	16QAM	1	49	23.62	23.62	23.51		
10	16QAM	25	0	22.19	22.16	22.25	23.5	2
10	16QAM	25	12	22.31	22.14	22.26		
10	16QAM	25	25	22.21	22.25	22.16		
10	16QAM	50	0	22.25	22.13	22.20		
10	64QAM	1	0	22.23	22.04	22.21	23.5	2
10	64QAM	1	25	22.29	22.29	22.18		
10	64QAM	1	49	22.14	22.39	22.33		
10	64QAM	25	0	21.15	21.15	21.08	22.5	3
10	64QAM	25	12	21.26	21.28	21.25		
10	64QAM	25	25	21.16	21.17	21.23		
10	64QAM	50	0	21.17	21.16	21.16		
10	256QAM	1	0	18.96	19.22	18.91	20.5	5
10	256QAM	1	25	18.94	19.22	19.06		
10	256QAM	1	49	19.22	18.94	19.10		
10	256QAM	25	0	19.21	19.22	19.05	20.5	5
10	256QAM	25	12	19.28	19.29	19.16		
10	256QAM	25	25	19.25	19.23	19.03		
10	256QAM	50	0	19.21	19.08	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.06	24.01	23.99	25.5	0
5	QPSK	1	12	23.99	23.85	24.01		
5	QPSK	1	24	23.93	24.10	23.84		
5	QPSK	12	0	22.96	23.02	23.14	24.5	1
5	QPSK	12	7	23.13	23.03	23.12		
5	QPSK	12	13	23.12	23.12	23.16		
5	QPSK	25	0	23.14	23.03	23.05		
5	16QAM	1	0	23.29	23.35	23.26	24.5	1
5	16QAM	1	12	23.46	23.29	23.24		
5	16QAM	1	24	23.50	23.54	23.46		
5	16QAM	12	0	22.11	22.09	22.14	23.5	2
5	16QAM	12	7	22.19	22.03	22.16		
5	16QAM	12	13	22.07	22.14	22.06		
5	16QAM	25	0	22.14	22.02	22.15		
5	64QAM	1	0	22.10	21.99	22.12	23.5	2
5	64QAM	1	12	22.24	22.19	22.14		
5	64QAM	1	24	22.00	22.29	22.20		
5	64QAM	12	0	21.06	21.04	20.99	22.5	3
5	64QAM	12	7	21.17	21.16	21.13		
5	64QAM	12	13	21.03	21.03	21.08		
5	64QAM	25	0	21.02	21.07	21.04		
5	256QAM	1	0	19.07	19.17	18.99	20.5	5
5	256QAM	1	12	18.88	19.14	19.13		
5	256QAM	1	24	19.22	19.03	19.02		
5	256QAM	12	0	19.20	19.21	18.98	20.5	5
5	256QAM	12	7	19.18	19.28	19.16		
5	256QAM	12	13	19.27	19.31	18.97		
5	256QAM	25	0	19.27	19.03	19.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.35	24.21	25.5	0
15	QPSK	1	37	24.26	24.31	24.32		
15	QPSK	1	74	24.27	24.25	24.17		
15	QPSK	36	0	23.30	23.41	23.28	24.5	1
15	QPSK	36	20	23.36	23.34	23.28		
15	QPSK	36	39	23.36	23.33	23.34		
15	QPSK	75	0	23.34	23.37	23.30		
15	16QAM	1	0	23.17	23.21	23.27	24.5	1
15	16QAM	1	37	23.08	23.43	23.39		
15	16QAM	1	74	23.22	23.24	23.06		
15	16QAM	36	0	22.33	22.39	22.32	23.5	2
15	16QAM	36	20	22.40	22.38	22.30		
15	16QAM	36	39	22.39	22.40	22.38		
15	16QAM	75	0	22.37	22.36	22.32		
15	64QAM	1	0	22.42	22.47	22.49	23.5	2
15	64QAM	1	37	22.48	22.67	22.54		
15	64QAM	1	74	22.42	22.54	22.43		
15	64QAM	36	0	21.34	21.39	21.32	22.5	3
15	64QAM	36	20	21.38	21.36	21.27		
15	64QAM	36	39	21.40	21.42	21.38		
15	64QAM	75	0	21.40	21.36	21.32		
15	256QAM	1	0	19.12	19.25	18.96	20.5	5
15	256QAM	1	37	18.99	19.30	19.16		
15	256QAM	1	74	19.29	19.07	19.20		
15	256QAM	36	0	19.18	19.26	19.14	20.5	5
15	256QAM	36	20	19.36	19.31	19.35		
15	256QAM	36	39	19.28	19.38	19.07		
15	256QAM	75	0	19.27	19.16	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.03	24.09	24.28	25.5	0
10	QPSK	1	25	24.02	24.17	24.16		
10	QPSK	1	49	24.11	24.14	24.17		
10	QPSK	25	0	23.32	23.32	23.04	24.5	1
10	QPSK	25	12	23.34	23.19	23.15		
10	QPSK	25	25	23.25	23.18	23.36		
10	QPSK	50	0	23.21	23.12	23.24		
10	16QAM	1	0	23.12	23.01	23.30	24.5	1
10	16QAM	1	25	22.83	23.32	23.15		
10	16QAM	1	49	23.16	23.14	22.91		
10	16QAM	25	0	22.13	22.16	22.33	23.5	2
10	16QAM	25	12	22.32	22.26	22.33		
10	16QAM	25	25	22.24	22.22	22.22		
10	16QAM	50	0	22.22	22.11	22.24		
10	64QAM	1	0	22.37	22.34	22.32	23.5	2
10	64QAM	1	25	22.25	22.48	22.29		
10	64QAM	1	49	22.44	22.54	22.44		
10	64QAM	25	0	21.35	21.37	21.16	22.5	3
10	64QAM	25	12	21.31	21.34	21.27		
10	64QAM	25	25	21.20	21.21	21.36		
10	64QAM	50	0	21.35	21.13	21.08		
10	256QAM	1	0	19.13	19.30	18.99	20.5	5
10	256QAM	1	25	19.05	19.32	19.13		
10	256QAM	1	49	19.29	19.01	19.09		
10	256QAM	25	0	19.18	19.19	19.06	20.5	5
10	256QAM	25	12	19.26	19.32	19.23		
10	256QAM	25	25	19.39	19.41	19.02		
10	256QAM	50	0	19.35	19.22	19.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.06	24.18	25.5	0
5	QPSK	1	12	24.04	24.33	24.10		
5	QPSK	1	24	24.16	24.06	24.09		
5	QPSK	12	0	23.19	23.18	23.22	24.5	1
5	QPSK	12	7	23.28	23.16	23.14		
5	QPSK	12	13	23.22	23.26	23.11		
5	QPSK	25	0	23.32	23.30	23.19		
5	16QAM	1	0	23.02	22.98	23.26	24.5	1
5	16QAM	1	12	22.87	23.27	23.23		
5	16QAM	1	24	22.99	23.11	22.99		
5	16QAM	12	0	22.13	22.22	22.19	23.5	2
5	16QAM	12	7	22.40	22.38	22.35		
5	16QAM	12	13	22.26	22.35	22.25		
5	16QAM	25	0	22.20	22.17	22.28		
5	64QAM	1	0	22.45	22.30	22.28	23.5	2
5	64QAM	1	12	22.38	22.67	22.52		
5	64QAM	1	24	22.37	22.56	22.19		
5	64QAM	12	0	21.20	21.41	21.18	22.5	3
5	64QAM	12	7	21.17	21.25	21.19		
5	64QAM	12	13	21.31	21.32	21.19		
5	64QAM	25	0	21.31	21.34	21.18		
5	256QAM	1	0	19.09	19.25	19.04	20.5	5
5	256QAM	1	12	19.00	19.31	19.19		
5	256QAM	1	24	19.30	19.07	19.11		
5	256QAM	12	0	19.23	19.23	19.07	20.5	5
5	256QAM	12	7	19.30	19.39	19.31		
5	256QAM	12	13	19.31	19.36	19.02		
5	256QAM	25	0	19.37	19.14	19.05		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.96	23.97	24.22	25.5	0
3	QPSK	1	8	24.26	24.19	24.08		
3	QPSK	1	14	24.05	24.23	24.03		
3	QPSK	8	0	23.34	23.37	23.29	24.5	1
3	QPSK	8	4	23.14	23.28	23.21		
3	QPSK	8	7	23.29	23.26	23.29		
3	QPSK	15	0	23.24	23.27	23.07		
3	16QAM	1	0	23.20	23.24	23.13	24.5	1
3	16QAM	1	8	22.93	23.18	23.43		
3	16QAM	1	14	23.11	23.05	23.05		
3	16QAM	8	0	22.27	22.32	22.12	23.5	2
3	16QAM	8	4	22.19	22.29	22.26		
3	16QAM	8	7	22.44	22.42	22.36		
3	16QAM	15	0	22.30	22.31	22.07		
3	64QAM	1	0	22.34	22.33	22.32	23.5	2
3	64QAM	1	8	22.37	22.45	22.31		
3	64QAM	1	14	22.45	22.50	22.25		
3	64QAM	8	0	21.23	21.36	21.24	22.5	3
3	64QAM	8	4	21.31	21.22	21.26		
3	64QAM	8	7	21.42	21.30	21.37		
3	64QAM	15	0	21.19	21.35	21.17		
3	256QAM	1	0	19.03	19.24	18.99	20.5	5
3	256QAM	1	8	19.02	19.25	19.15		
3	256QAM	1	14	19.29	19.04	19.14		
3	256QAM	8	0	19.18	19.22	19.03	20.5	5
3	256QAM	8	4	19.28	19.38	19.28		
3	256QAM	8	7	19.38	19.32	19.09		
3	256QAM	15	0	19.33	19.14	19.11		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.95	23.97	24.23	25.5	0
1.4	QPSK	1	3	23.87	24.14	23.92		
1.4	QPSK	1	5	24.06	24.04	23.94		
1.4	QPSK	3	0	23.84	23.81	24.03		
1.4	QPSK	3	1	24.12	23.94	23.89		
1.4	QPSK	3	3	24.10	24.19	23.91		
1.4	QPSK	6	0	23.14	23.18	23.23	24.5	1
1.4	16QAM	1	0	23.15	23.19	23.07	24.5	1
1.4	16QAM	1	3	23.12	23.04	23.12		
1.4	16QAM	1	5	23.14	23.23	23.01		
1.4	16QAM	3	0	22.99	23.02	23.23		
1.4	16QAM	3	1	22.79	23.14	23.06		
1.4	16QAM	3	3	23.03	22.89	22.87		
1.4	16QAM	6	0	22.01	22.17	21.94	23.5	2
1.4	64QAM	1	0	22.32	22.34	22.36	23.5	2
1.4	64QAM	1	3	22.07	22.36	22.29		
1.4	64QAM	1	5	21.97	22.17	22.26		
1.4	64QAM	3	0	21.96	22.18	22.19		
1.4	64QAM	3	1	22.15	22.04	21.82		
1.4	64QAM	3	3	22.19	21.99	22.01		
1.4	64QAM	6	0	21.05	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.14	19.29	19.07	20.5	5
1.4	256QAM	1	3	18.97	19.25	19.19		
1.4	256QAM	1	5	19.19	19.00	19.09		
1.4	256QAM	3	0	19.18	19.32	19.09		
1.4	256QAM	3	1	19.29	19.28	19.34		
1.4	256QAM	3	3	19.33	19.38	19.01		
1.4	256QAM	6	0	19.36	19.20	19.10	20.5	5

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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	22.87	23.07	23.02	24.5	0
20	QPSK	1	49	22.93	22.94	23.02		
20	QPSK	1	99	22.74	22.72	22.92		
20	QPSK	50	0	21.82	22.09	21.96	23.5	1
20	QPSK	50	24	21.97	21.96	21.99		
20	QPSK	50	50	21.93	22.00	22.04		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	22.30	22.03	22.12	23.5	1
20	16QAM	1	49	22.20	22.24	22.34		
20	16QAM	1	99	22.25	22.26	22.17		
20	16QAM	50	0	20.91	21.00	21.07	22.5	2
20	16QAM	50	24	21.06	21.11	21.02		
20	16QAM	50	50	20.91	21.16	21.01		
20	16QAM	100	0	21.05	20.95	21.06		
20	64QAM	1	0	21.02	21.10	21.13	22.5	2
20	64QAM	1	49	21.14	21.04	21.05		
20	64QAM	1	99	21.30	21.06	21.17		
20	64QAM	50	0	19.95	20.03	19.95	21.5	3
20	64QAM	50	24	19.97	20.12	20.06		
20	64QAM	50	50	19.91	19.95	20.01		
20	64QAM	100	0	20.07	19.98	20.07		
20	256QAM	1	0	18.05	18.13	18.13	19.5	5
20	256QAM	1	49	18.02	18.13	18.19		
20	256QAM	1	99	17.80	17.87	18.11		
20	256QAM	50	0	17.80	18.14	18.08	19.5	5
20	256QAM	50	24	18.00	18.15	18.02		
20	256QAM	50	50	18.14	18.15	18.09		
20	256QAM	100	0	18.15	18.05	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.85	22.90	24.5	0
15	QPSK	1	37	22.81	23.00	22.98		
15	QPSK	1	74	22.71	22.68	22.87		
15	QPSK	36	0	21.73	21.80	21.94	23.5	1
15	QPSK	36	20	21.80	21.80	21.92		
15	QPSK	36	39	21.80	21.91	21.86		
15	QPSK	75	0	21.85	21.77	21.82		
15	16QAM	1	0	22.20	21.93	22.08	23.5	1
15	16QAM	1	37	22.10	22.14	22.29		
15	16QAM	1	74	22.16	22.14	22.10		
15	16QAM	36	0	20.84	20.86	20.96	22.5	2
15	16QAM	36	20	20.97	21.04	20.88		
15	16QAM	36	39	20.79	21.10	20.94		
15	16QAM	75	0	20.94	20.86	20.90		
15	64QAM	1	0	20.97	21.03	21.03	22.5	2
15	64QAM	1	37	20.98	20.99	20.93		
15	64QAM	1	74	21.24	20.97	21.11		
15	64QAM	36	0	19.88	19.95	19.86	21.5	3
15	64QAM	36	20	19.92	20.02	19.90		
15	64QAM	36	39	19.78	19.84	19.89		
15	64QAM	75	0	19.89	19.92	20.00		
15	256QAM	1	0	17.91	17.86	18.10	19.5	5
15	256QAM	1	37	17.86	18.10	18.09		
15	256QAM	1	74	17.82	17.80	18.01		
15	256QAM	36	0	17.94	17.97	18.01	19.5	5
15	256QAM	36	20	17.84	18.02	17.91		
15	256QAM	36	39	17.93	18.11	17.89		
15	256QAM	75	0	18.00	17.78	17.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.70	22.83	22.89	24.5	0
10	QPSK	1	25	22.82	22.95	22.85		
10	QPSK	1	49	22.57	22.56	22.88		
10	QPSK	25	0	21.74	21.81	21.97	23.5	1
10	QPSK	25	12	21.84	21.78	21.92		
10	QPSK	25	25	21.82	21.92	21.95		
10	QPSK	50	0	21.84	21.81	21.75		
10	16QAM	1	0	22.18	21.85	22.02	23.5	1
10	16QAM	1	25	22.12	22.20	22.21		
10	16QAM	1	49	22.12	22.20	22.12		
10	16QAM	25	0	20.81	20.91	20.95	22.5	2
10	16QAM	25	12	20.91	20.97	20.84		
10	16QAM	25	25	20.86	21.08	20.85		
10	16QAM	50	0	20.88	20.87	20.89		
10	64QAM	1	0	20.87	20.94	21.07	22.5	2
10	64QAM	1	25	21.08	20.88	20.93		
10	64QAM	1	49	21.23	20.89	21.00		
10	64QAM	25	0	19.81	19.86	19.80	21.5	3
10	64QAM	25	12	19.91	20.02	19.95		
10	64QAM	25	25	19.81	19.84	19.96		
10	64QAM	50	0	19.93	19.87	19.92		
10	256QAM	1	0	17.83	17.96	17.93	19.5	5
10	256QAM	1	25	17.85	18.01	17.99		
10	256QAM	1	49	17.70	17.63	17.89		
10	256QAM	25	0	17.89	17.96	18.06	19.5	5
10	256QAM	25	12	17.93	18.00	18.08		
10	256QAM	25	25	17.88	17.91	17.98		
10	256QAM	50	0	18.04	17.80	17.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.77	22.91	24.5	0
5	QPSK	1	12	22.77	22.95	22.98		
5	QPSK	1	24	22.67	22.64	22.77		
5	QPSK	12	0	21.71	21.86	21.95	23.5	1
5	QPSK	12	7	21.88	21.90	21.93		
5	QPSK	12	13	21.82	21.86	21.91		
5	QPSK	25	0	21.80	21.79	21.85		
5	16QAM	1	0	22.20	21.94	21.99	23.5	1
5	16QAM	1	12	22.11	22.19	22.28		
5	16QAM	1	24	22.19	22.10	22.01		
5	16QAM	12	0	20.80	20.90	20.93	22.5	2
5	16QAM	12	7	20.94	21.02	20.96		
5	16QAM	12	13	20.83	21.03	20.89		
5	16QAM	25	0	20.98	20.85	20.98		
5	64QAM	1	0	20.85	20.97	20.98	22.5	2
5	64QAM	1	12	21.07	20.89	20.88		
5	64QAM	1	24	21.16	20.98	21.04		
5	64QAM	12	0	19.88	19.92	19.78	21.5	3
5	64QAM	12	7	19.85	20.05	20.00		
5	64QAM	12	13	19.84	19.86	19.94		
5	64QAM	25	0	19.97	19.81	20.02		
5	256QAM	1	0	17.87	17.88	17.93	19.5	5
5	256QAM	1	12	17.92	17.98	18.12		
5	256QAM	1	24	17.78	17.75	17.77		
5	256QAM	12	0	17.88	17.93	17.95	19.5	5
5	256QAM	12	7	17.99	18.01	18.02		
5	256QAM	12	13	17.89	18.06	18.06		
5	256QAM	25	0	17.89	17.83	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.75	22.82	22.88	24.5	0
3	QPSK	1	8	22.86	22.90	22.86		
3	QPSK	1	14	22.63	22.61	22.84		
3	QPSK	8	0	21.75	21.88	22.05	23.5	1
3	QPSK	8	4	21.85	21.86	21.93		
3	QPSK	8	7	21.86	21.95	21.93		
3	QPSK	15	0	21.85	21.81	21.78		
3	16QAM	1	0	22.14	21.98	22.07	23.5	1
3	16QAM	1	8	22.10	22.11	22.19		
3	16QAM	1	14	22.20	22.22	22.00		
3	16QAM	8	0	20.81	20.96	21.01	22.5	2
3	16QAM	8	4	20.97	21.04	20.96		
3	16QAM	8	7	20.79	21.03	20.89		
3	16QAM	15	0	20.94	20.86	21.02		
3	64QAM	1	0	20.93	21.05	20.96	22.5	2
3	64QAM	1	8	21.05	20.94	20.88		
3	64QAM	1	14	21.14	21.01	20.99		
3	64QAM	8	0	19.86	19.97	19.84	21.5	3
3	64QAM	8	4	19.86	20.04	19.98		
3	64QAM	8	7	19.78	19.90	19.83		
3	64QAM	15	0	19.95	19.81	19.95		
3	256QAM	1	0	17.81	17.92	17.89	19.5	5
3	256QAM	1	8	17.98	18.01	17.98		
3	256QAM	1	14	17.80	17.73	17.89		
3	256QAM	8	0	17.96	18.10	18.12	19.5	5
3	256QAM	8	4	17.89	18.05	18.13		
3	256QAM	8	7	17.91	18.15	17.95		
3	256QAM	15	0	17.88	17.93	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.74	22.86	22.94	24.5	0
1.4	QPSK	1	3	22.81	22.93	22.92		
1.4	QPSK	1	5	22.67	22.65	22.87		
1.4	QPSK	3	0	22.65	22.87	22.92		
1.4	QPSK	3	1	22.82	22.91	22.90		
1.4	QPSK	3	3	22.82	22.91	22.99		
1.4	QPSK	6	0	21.79	21.87	21.81	23.5	1
1.4	16QAM	1	0	22.22	21.89	21.99	23.5	1
1.4	16QAM	1	3	22.06	22.20	22.27		
1.4	16QAM	1	5	22.16	22.09	22.12		
1.4	16QAM	3	0	21.82	21.90	22.01		
1.4	16QAM	3	1	21.92	22.00	21.94		
1.4	16QAM	3	3	21.74	22.00	21.91		
1.4	16QAM	6	0	20.87	20.79	21.01	22.5	2
1.4	64QAM	1	0	20.86	21.01	21.01	22.5	2
1.4	64QAM	1	3	21.05	20.93	20.88		
1.4	64QAM	1	5	21.21	20.93	21.03		
1.4	64QAM	3	0	20.80	20.88	20.83		
1.4	64QAM	3	1	20.87	21.03	20.92		
1.4	64QAM	3	3	20.76	20.85	20.97		
1.4	64QAM	6	0	19.90	19.92	19.99	21.5	3
1.4	256QAM	1	0	17.80	17.89	18.00	19.5	5
1.4	256QAM	1	3	17.91	18.10	18.03		
1.4	256QAM	1	5	17.87	17.78	17.96		
1.4	256QAM	3	0	17.84	17.90	18.07		
1.4	256QAM	3	1	17.93	17.97	18.11		
1.4	256QAM	3	3	18.00	17.91	18.08		
1.4	256QAM	6	0	17.86	17.89	17.90	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.88	22.94	22.70	24.5	0
20	QPSK	1	49	22.89	22.71	22.90		
20	QPSK	1	99	22.83	22.78	22.93		
20	QPSK	50	0	21.90	21.99	21.95	23.5	1
20	QPSK	50	24	21.95	21.86	21.93		
20	QPSK	50	50	21.96	21.90	21.97		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	21.95	21.99	21.91	23.5	1
20	16QAM	1	49	21.85	22.01	21.79		
20	16QAM	1	99	22.05	22.09	22.02		
20	16QAM	50	0	20.92	20.88	21.04	22.5	2
20	16QAM	50	24	21.04	20.89	20.96		
20	16QAM	50	50	21.05	20.87	20.93		
20	16QAM	100	0	21.07	20.90	20.95		
20	64QAM	1	0	21.02	20.84	20.69	22.5	2
20	64QAM	1	49	20.73	20.81	20.68		
20	64QAM	1	99	20.85	20.59	20.81		
20	64QAM	50	0	19.86	19.96	20.01	21.5	3
20	64QAM	50	24	20.14	19.99	19.88		
20	64QAM	50	50	20.08	19.89	20.00		
20	64QAM	100	0	19.95	19.97	19.91		
20	256QAM	1	0	17.94	18.08	17.80	19.5	5
20	256QAM	1	49	18.05	17.92	17.96		
20	256QAM	1	99	17.83	17.94	17.97		
20	256QAM	50	0	18.03	18.17	18.03	19.5	5
20	256QAM	50	24	18.12	17.92	18.02		
20	256QAM	50	50	18.02	17.97	18.06		
20	256QAM	100	0	18.15	18.17	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.89	22.62	24.5	0
15	QPSK	1	37	22.83	22.62	22.80		
15	QPSK	1	74	22.66	22.69	22.83		
15	QPSK	36	0	21.74	21.89	21.79	23.5	1
15	QPSK	36	20	21.97	21.89	21.75		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.96	21.95	21.82		
15	16QAM	1	0	21.79	21.98	21.81	23.5	1
15	16QAM	1	37	21.75	22.03	21.73		
15	16QAM	1	74	21.91	22.12	21.90		
15	16QAM	36	0	20.81	20.82	20.93	22.5	2
15	16QAM	36	20	20.96	20.90	20.90		
15	16QAM	36	39	20.97	20.82	20.81		
15	16QAM	75	0	21.02	20.88	20.81		
15	64QAM	1	0	20.97	20.81	20.51	22.5	2
15	64QAM	1	37	20.61	20.75	20.60		
15	64QAM	1	74	20.80	20.51	20.63		
15	64QAM	36	0	19.72	19.92	19.90	21.5	3
15	64QAM	36	20	20.01	19.94	19.77		
15	64QAM	36	39	19.98	19.82	19.88		
15	64QAM	75	0	19.78	19.91	19.74		
15	256QAM	1	0	17.85	17.91	17.65	19.5	5
15	256QAM	1	37	17.96	17.81	17.82		
15	256QAM	1	74	17.66	17.86	17.86		
15	256QAM	36	0	17.93	17.90	17.91	19.5	5
15	256QAM	36	20	18.10	18.08	17.95		
15	256QAM	36	39	18.10	17.85	18.02		
15	256QAM	75	0	18.00	17.98	18.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.82	22.56	24.5	0
10	QPSK	1	25	22.89	22.71	22.82		
10	QPSK	1	49	22.65	22.77	22.87		
10	QPSK	25	0	21.80	21.79	21.81	23.5	1
10	QPSK	25	12	21.95	21.88	21.79		
10	QPSK	25	25	21.93	21.89	21.89		
10	QPSK	50	0	21.98	21.96	21.80		
10	16QAM	1	0	21.85	21.92	21.76	23.5	1
10	16QAM	1	25	21.76	21.98	21.65		
10	16QAM	1	49	21.89	22.02	21.94		
10	16QAM	25	0	20.84	20.87	20.95	22.5	2
10	16QAM	25	12	20.93	20.80	20.84		
10	16QAM	25	25	20.92	20.84	20.86		
10	16QAM	50	0	21.01	20.86	20.88		
10	64QAM	1	0	20.85	20.83	20.52	22.5	2
10	64QAM	1	25	20.56	20.79	20.59		
10	64QAM	1	49	20.72	20.63	20.75		
10	64QAM	25	0	19.79	19.99	19.97	21.5	3
10	64QAM	25	12	20.07	19.93	19.83		
10	64QAM	25	25	19.99	19.82	19.94		
10	64QAM	50	0	19.83	19.98	19.81		
10	256QAM	1	0	18.00	18.03	17.64	19.5	5
10	256QAM	1	25	18.09	17.73	17.92		
10	256QAM	1	49	17.72	17.93	17.96		
10	256QAM	25	0	17.88	17.81	17.85	19.5	5
10	256QAM	25	12	18.03	17.90	17.97		
10	256QAM	25	25	17.98	17.94	17.97		
10	256QAM	50	0	18.20	17.99	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.87	22.53	24.5	0
5	QPSK	1	12	22.81	22.65	22.78		
5	QPSK	1	24	22.76	22.75	22.86		
5	QPSK	12	0	21.84	21.85	21.78	23.5	1
5	QPSK	12	7	21.90	21.87	21.80		
5	QPSK	12	13	21.90	21.87	21.88		
5	QPSK	25	0	21.85	21.95	21.87		
5	16QAM	1	0	21.84	21.97	21.75	23.5	1
5	16QAM	1	12	21.68	21.94	21.74		
5	16QAM	1	24	22.00	22.00	21.93		
5	16QAM	12	0	20.82	20.87	20.87	22.5	2
5	16QAM	12	7	20.86	20.89	20.88		
5	16QAM	12	13	20.87	20.81	20.75		
5	16QAM	25	0	21.02	20.88	20.78		
5	64QAM	1	0	20.91	20.84	20.57	22.5	2
5	64QAM	1	12	20.59	20.73	20.62		
5	64QAM	1	24	20.78	20.56	20.73		
5	64QAM	12	0	19.68	19.92	19.94	21.5	3
5	64QAM	12	7	20.04	20.01	19.73		
5	64QAM	12	13	20.02	19.81	19.87		
5	64QAM	25	0	19.83	19.93	19.74		
5	256QAM	1	0	17.85	18.02	17.74	19.5	5
5	256QAM	1	12	17.94	17.67	17.99		
5	256QAM	1	24	17.89	17.93	18.01		
5	256QAM	12	0	17.90	17.86	17.82	19.5	5
5	256QAM	12	7	17.93	17.87	17.88		
5	256QAM	12	13	18.05	17.94	18.08		
5	256QAM	25	0	17.98	18.16	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.91	22.78	22.95	22.60	22.60	24.5	0
20	QPSK	1	49	22.82	22.71	22.79	22.84	22.76		
20	QPSK	1	99	22.82	22.90	22.78	22.79	22.88		
20	QPSK	50	0	21.86	21.73	22.00	21.70	21.78	23.5	1
20	QPSK	50	24	21.83	21.85	21.83	21.68	21.63		
20	QPSK	50	50	21.96	21.87	21.95	21.65	21.91		
20	QPSK	100	0	21.84	21.86	22.02	21.72	21.73		
20	16QAM	1	0	21.86	21.73	21.83	21.84	21.88	23.5	1
20	16QAM	1	49	21.89	21.68	21.69	21.87	21.83		
20	16QAM	1	99	21.86	21.86	21.82	21.89	21.76		
20	16QAM	50	0	20.86	20.89	20.73	20.67	20.70	22.5	2
20	16QAM	50	24	20.93	20.83	20.90	20.66	20.72		
20	16QAM	50	50	20.89	20.85	20.86	20.76	20.65		
20	16QAM	100	0	21.02	20.92	20.87	20.94	20.70		
20	64QAM	1	0	20.76	21.00	20.82	20.71	20.89	22.5	2
20	64QAM	1	49	21.03	20.78	20.88	20.76	20.96		
20	64QAM	1	99	20.94	20.86	21.03	20.88	20.91		
20	64QAM	50	0	19.74	19.85	19.82	19.68	19.86	21.5	3
20	64QAM	50	24	19.91	19.86	19.88	19.72	19.75		
20	64QAM	50	50	19.91	19.85	19.92	19.79	19.61		
20	64QAM	100	0	19.95	19.76	19.88	19.66	19.75		
20	256QAM	1	0	18.04	17.87	18.10	17.72	17.75	19.5	5
20	256QAM	1	49	17.86	17.74	17.81	17.86	17.88		
20	256QAM	1	99	17.80	17.89	17.85	17.94	17.94		
20	256QAM	50	0	17.85	17.88	18.10	17.80	17.83	19.5	5
20	256QAM	50	24	18.00	17.99	17.93	17.83	17.71		
20	256QAM	50	50	18.00	17.90	17.94	17.76	17.98		
20	256QAM	100	0	17.90	18.01	18.01	17.89	17.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.80	22.68	22.76	22.53	22.88	24.50	0
15	QPSK	1	37	22.70	22.61	22.74	22.78	22.68		
15	QPSK	1	74	22.76	22.76	22.63	22.61	22.75		
15	QPSK	36	0	21.82	21.60	21.79	21.62	21.68	23.5	1
15	QPSK	36	20	21.73	21.80	21.67	21.55	21.50		
15	QPSK	36	39	21.84	21.73	21.77	21.52	21.80		
15	QPSK	75	0	21.78	21.81	21.75	21.68	21.57		
15	16QAM	1	0	21.79	21.57	21.71	21.79	21.76	23.5	1
15	16QAM	1	37	21.74	21.58	21.63	21.78	21.77		
15	16QAM	1	74	21.72	21.72	21.64	21.73	21.70		
15	16QAM	36	0	20.80	20.73	20.58	20.62	20.59	22.5	2
15	16QAM	36	20	20.89	20.75	20.83	20.53	20.64		
15	16QAM	36	39	20.81	20.71	20.69	20.65	20.58		
15	16QAM	75	0	20.88	20.83	20.73	20.88	20.63		
15	64QAM	1	0	20.62	20.87	20.72	20.62	20.77	22.5	2
15	64QAM	1	37	20.98	20.68	20.77	20.70	20.89		
15	64QAM	1	74	20.83	20.75	20.97	20.83	20.86		
15	64QAM	36	0	19.58	19.80	19.77	19.61	19.80	21.5	3
15	64QAM	36	20	19.73	19.72	19.82	19.58	19.68		
15	64QAM	36	39	19.76	19.70	19.86	19.66	19.56		
15	64QAM	75	0	19.78	19.70	19.73	19.54	19.57		
15	256QAM	1	0	17.84	17.83	17.83	17.67	17.88	19.5	5
15	256QAM	1	37	17.82	17.79	17.96	17.82	17.74		
15	256QAM	1	74	17.85	17.84	17.73	17.71	17.97		
15	256QAM	36	0	17.87	17.62	17.79	17.74	17.75	19.5	5
15	256QAM	36	20	17.81	17.85	17.83	17.76	17.69		
15	256QAM	36	39	17.88	17.90	17.84	17.72	18.01		
15	256QAM	75	0	18.00	17.87	18.11	17.88	17.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.62	22.75	22.88	22.50	24.50	0
10	QPSK	1	25	22.76	22.66	22.73	22.74	22.68		
10	QPSK	1	49	22.69	22.79	22.69	22.67	22.75		
10	QPSK	25	0	21.91	21.68	21.68	21.58	21.61	23.5	1
10	QPSK	25	12	21.69	21.72	21.79	21.55	21.58		
10	QPSK	25	25	21.90	21.78	21.88	21.53	21.74		
10	QPSK	50	0	21.79	21.79	21.74	21.66	21.64		
10	16QAM	1	0	21.80	21.66	21.74	21.68	21.82	23.5	1
10	16QAM	1	25	21.78	21.57	21.58	21.72	21.71		
10	16QAM	1	49	21.76	21.70	21.73	21.77	21.68		
10	16QAM	25	0	20.80	20.78	20.62	20.63	20.53	22.5	2
10	16QAM	25	12	20.76	20.67	20.75	20.56	20.63		
10	16QAM	25	25	20.77	20.70	20.72	20.66	20.54		
10	16QAM	50	0	20.89	20.80	20.78	20.86	20.57		
10	64QAM	1	0	20.58	20.94	20.73	20.61	20.75	22.5	2
10	64QAM	1	25	20.87	20.64	20.80	20.67	20.88		
10	64QAM	1	49	20.80	20.69	20.90	20.74	20.82		
10	64QAM	25	0	19.69	19.75	19.77	19.51	19.78	21.5	3
10	64QAM	25	12	19.78	19.78	19.79	19.55	19.57		
10	64QAM	25	25	19.77	19.70	19.78	19.65	19.55		
10	64QAM	50	0	19.87	19.70	19.71	19.56	19.68		
10	256QAM	1	0	17.84	17.65	17.95	17.73	17.69	19.5	5
10	256QAM	1	25	17.97	17.83	17.94	17.87	17.88		
10	256QAM	1	49	17.82	18.00	17.84	17.74	17.75		
10	256QAM	25	0	17.90	17.76	17.84	17.67	17.75	19.5	5
10	256QAM	25	12	17.81	17.85	17.93	17.62	17.68		
10	256QAM	25	25	17.98	17.90	18.00	17.73	17.82		
10	256QAM	50	0	17.86	17.97	17.79	17.81	17.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.83	22.73	22.83	22.53	22.54	24.50	0
5	QPSK	1	12	22.67	22.64	22.64	22.73	22.66		
5	QPSK	1	24	22.65	22.84	22.66	22.67	22.76		
5	QPSK	12	0	21.85	21.58	21.82	21.64	21.67	23.5	1
5	QPSK	12	7	21.76	21.78	21.67	21.51	21.55		
5	QPSK	12	13	21.79	21.72	21.89	21.54	21.87		
5	QPSK	25	0	21.75	21.74	21.81	21.64	21.60		
5	16QAM	1	0	21.78	21.55	21.73	21.71	21.72	23.5	1
5	16QAM	1	12	21.79	21.64	21.57	21.70	21.77		
5	16QAM	1	24	21.70	21.73	21.74	21.75	21.65		
5	16QAM	12	0	20.68	20.78	20.67	20.54	20.64	22.5	2
5	16QAM	12	7	20.84	20.68	20.84	20.56	20.55		
5	16QAM	12	13	20.80	20.70	20.74	20.58	20.51		
5	16QAM	25	0	20.96	20.80	20.74	20.88	20.63		
5	64QAM	1	0	20.59	20.94	20.77	20.58	20.78	22.5	2
5	64QAM	1	12	20.94	20.63	20.82	20.64	20.79		
5	64QAM	1	24	20.84	20.70	20.92	20.80	20.76		
5	64QAM	12	0	19.66	19.79	19.72	19.63	19.76	21.5	3
5	64QAM	12	7	19.86	19.70	19.73	19.59	19.63		
5	64QAM	12	13	19.78	19.70	19.86	19.61	19.52		
5	64QAM	25	0	19.84	19.61	19.72	19.58	19.62		
5	256QAM	1	0	17.89	17.74	18.05	17.74	17.69	19.5	5
5	256QAM	1	12	17.68	17.72	17.76	17.78	17.81		
5	256QAM	1	24	17.71	17.83	17.79	17.73	17.76		
5	256QAM	12	0	17.96	17.76	18.00	17.73	17.78	19.5	5
5	256QAM	12	7	17.86	17.77	17.88	17.64	17.69		
5	256QAM	12	13	17.94	17.84	18.02	17.67	17.92		
5	256QAM	25	0	17.83	17.73	17.91	17.82	17.79		

GSM850 Ant1 DSI4

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	33.01	33.08	33.02	34.00	24.01	24.08	24.02	25.00
GPRS 1 Tx slot	32.88	32.85	32.86	34.00	23.88	23.85	23.86	25.00
GPRS 2 Tx slots	29.77	29.51	29.75	31.00	23.77	23.51	23.75	25.00
GPRS 3 Tx slots	27.92	27.71	27.94	29.00	23.66	23.45	23.68	24.74
GPRS 4 Tx slots	26.28	26.48	26.10	28.00	23.28	23.48	23.10	25.00
EDGE 1 Tx slot	26.77	26.92	26.90	28.00	17.77	17.92	17.90	19.00
EDGE 2 Tx slots	23.84	23.70	23.67	25.00	17.84	17.70	17.67	19.00
EDGE 3 Tx slots	21.90	22.18	22.16	23.50	17.64	17.92	17.90	19.24
EDGE 4 Tx slots	20.38	20.68	20.72	22.00	17.38	17.68	17.72	19.00

WCDMA V Ant1 DSI4

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.23	24.29	24.16	25.00
3GPP Rel 99	RMC 12.2Kbps	24.29	24.36	24.24	25.00
3GPP Rel 6	HSDPA Subtest-1	23.42	23.42	23.28	24.00
3GPP Rel 6	HSDPA Subtest-2	23.46	23.41	23.32	24.00
3GPP Rel 6	HSDPA Subtest-3	22.93	22.86	22.81	23.50
3GPP Rel 6	HSDPA Subtest-4	22.94	22.89	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.32	23.40	23.26	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.30	23.41	23.14	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.81	22.73	22.77	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.81	22.91	22.74	23.50
3GPP Rel 6	HSUPA Subtest-1	23.40	23.37	23.31	24.00
3GPP Rel 6	HSUPA Subtest-2	21.39	21.41	21.31	22.00
3GPP Rel 6	HSUPA Subtest-3	22.36	22.27	22.30	23.00
3GPP Rel 6	HSUPA Subtest-4	21.39	21.34	21.28	22.00
3GPP Rel 6	HSUPA Subtest-5	23.40	23.40	23.30	24.00

Band 5 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.28	24.31	24.26	25.7	0
10	QPSK	1	25	24.27	24.29	24.30		
10	QPSK	1	49	24.20	24.23	24.25		
10	QPSK	25	0	23.31	23.41	23.33	24.7	1
10	QPSK	25	12	23.40	23.32	23.34		
10	QPSK	25	25	23.35	23.36	23.39		
10	QPSK	50	0	23.31	23.39	23.38		
10	16QAM	1	0	23.23	23.33	23.26	24.7	1
10	16QAM	1	25	23.21	23.30	23.21		
10	16QAM	1	49	23.25	23.27	23.23		
10	16QAM	25	0	22.32	22.31	22.34	23.7	2
10	16QAM	25	12	22.42	22.36	22.43		
10	16QAM	25	25	22.38	22.40	22.37		
10	16QAM	50	0	22.40	22.31	22.41		
10	64QAM	1	0	22.44	22.47	22.48	23.7	2
10	64QAM	1	25	22.51	22.45	22.46		
10	64QAM	1	49	22.41	22.36	22.40		
10	64QAM	25	0	21.33	21.33	21.34	22.7	3
10	64QAM	25	12	21.42	21.34	21.45		
10	64QAM	25	25	21.37	21.35	21.37		
10	64QAM	50	0	21.40	21.32	21.41		
10	256QAM	1	0	19.26	19.30	19.27	20.7	5
10	256QAM	1	25	19.32	19.25	19.40		
10	256QAM	1	49	19.28	19.26	19.16		
10	256QAM	25	0	19.36	19.48	19.34	20.7	5
10	256QAM	25	12	19.32	19.32	19.44		
10	256QAM	25	25	19.38	19.44	19.35		
10	256QAM	50	0	19.39	19.40	19.26		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.25	24.27	24.27	25.7	0
5	QPSK	1	12	24.27	24.28	24.28		
5	QPSK	1	24	24.28	24.23	24.30		
5	QPSK	12	0	23.28	23.30	23.29	24.7	1
5	QPSK	12	7	23.35	23.36	23.38		
5	QPSK	12	13	23.34	23.35	23.35		
5	QPSK	25	0	23.36	23.27	23.29		
5	16QAM	1	0	23.30	23.31	23.29	24.7	1
5	16QAM	1	12	23.30	23.32	23.37		
5	16QAM	1	24	23.23	23.31	23.22		
5	16QAM	12	0	22.33	22.33	22.35	23.7	2
5	16QAM	12	7	22.41	22.40	22.45		
5	16QAM	12	13	22.42	22.39	22.41		
5	16QAM	25	0	22.35	22.29	22.29		
5	64QAM	1	0	22.53	22.50	22.48	23.7	2
5	64QAM	1	12	22.55	22.50	22.47		
5	64QAM	1	24	22.46	22.46	22.56		
5	64QAM	12	0	21.35	21.31	21.36	22.7	3
5	64QAM	12	7	21.41	21.40	21.41		
5	64QAM	12	13	21.38	21.35	21.41		
5	64QAM	25	0	21.38	21.30	21.28		
5	256QAM	1	0	19.18	19.25	19.25	20.7	5
5	256QAM	1	12	19.19	19.29	19.21		
5	256QAM	1	24	19.31	19.20	19.40		
5	256QAM	12	0	19.34	19.37	19.25	20.7	5
5	256QAM	12	7	19.37	19.40	19.31		
5	256QAM	12	13	19.27	19.37	19.37		
5	256QAM	25	0	19.47	19.30	19.23		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.22	24.26	24.22	25.7	0
3	QPSK	1	8	24.30	24.29	24.29		
3	QPSK	1	14	24.21	24.22	24.22		
3	QPSK	8	0	23.34	23.28	23.29	24.7	1
3	QPSK	8	4	23.35	23.35	23.36		
3	QPSK	8	7	23.33	23.34	23.34		
3	QPSK	15	0	23.32	23.23	23.32		
3	16QAM	1	0	23.38	23.39	23.39	24.7	1
3	16QAM	1	8	23.50	23.52	23.49		
3	16QAM	1	14	23.47	23.40	23.48		
3	16QAM	8	0	22.40	22.32	22.35	23.7	2
3	16QAM	8	4	22.45	22.44	22.46		
3	16QAM	8	7	22.43	22.44	22.42		
3	16QAM	15	0	22.39	22.28	22.42		
3	64QAM	1	0	22.51	22.44	22.43	23.7	2
3	64QAM	1	8	22.51	22.46	22.58		
3	64QAM	1	14	22.39	22.47	22.46		
3	64QAM	8	0	21.41	21.29	21.32	22.7	3
3	64QAM	8	4	21.41	21.38	21.36		
3	64QAM	8	7	21.37	21.34	21.37		
3	64QAM	15	0	21.36	21.27	21.36		
3	256QAM	1	0	19.22	19.35	19.20	20.7	5
3	256QAM	1	8	19.20	19.35	19.23		
3	256QAM	1	14	19.32	19.29	19.25		
3	256QAM	8	0	19.30	19.27	19.33	20.7	5
3	256QAM	8	4	19.25	19.47	19.46		
3	256QAM	8	7	19.24	19.31	19.39		
3	256QAM	15	0	19.31	19.23	19.29		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.11	24.12	24.21	25.7	0
1.4	QPSK	1	3	24.25	24.29	24.11		
1.4	QPSK	1	5	24.10	24.23	24.18		
1.4	QPSK	3	0	24.07	24.23	24.10		
1.4	QPSK	3	1	24.30	24.16	24.07		
1.4	QPSK	3	3	24.18	24.24	24.01		
1.4	QPSK	6	0	23.20	23.08	23.16	24.7	1
1.4	16QAM	1	0	23.23	23.19	23.23	24.7	1
1.4	16QAM	1	3	23.20	23.26	23.31		
1.4	16QAM	1	5	23.11	23.20	23.24		
1.4	16QAM	3	0	23.36	23.26	23.24		
1.4	16QAM	3	1	23.42	23.39	23.46		
1.4	16QAM	3	3	23.44	23.37	23.27		
1.4	16QAM	6	0	22.34	22.26	22.22	23.7	2
1.4	64QAM	1	0	22.29	22.38	22.41	23.7	2
1.4	64QAM	1	3	22.38	22.31	22.36		
1.4	64QAM	1	5	22.23	22.20	22.25		
1.4	64QAM	3	0	22.41	22.23	22.42		
1.4	64QAM	3	1	22.53	22.48	22.57		
1.4	64QAM	3	3	22.41	22.30	22.32		
1.4	64QAM	6	0	21.38	21.25	21.28	22.7	3
1.4	256QAM	1	0	19.17	19.01	19.11	20.7	5
1.4	256QAM	1	3	19.29	19.27	19.08		
1.4	256QAM	1	5	19.02	19.22	19.09		
1.4	256QAM	3	0	19.05	19.21	19.13		
1.4	256QAM	3	1	19.30	19.25	19.03		
1.4	256QAM	3	3	19.28	19.27	19.07		
1.4	256QAM	6	0	19.14	19.08	19.11	20.7	5

Band 12 Ant1 DSI4

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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.34	24.46	24.29	25.7	0
10	QPSK	1	25	24.44	24.39	24.33		
10	QPSK	1	49	24.45	24.43	24.45		
10	QPSK	25	0	23.48	23.54	23.44	24.7	1
10	QPSK	25	12	23.53	23.53	23.46		
10	QPSK	25	25	23.49	23.52	23.47		
10	QPSK	50	0	23.48	23.53	23.45		
10	16QAM	1	0	23.59	23.49	23.55	24.7	1
10	16QAM	1	25	23.49	23.56	23.57		
10	16QAM	1	49	23.39	23.53	23.38		
10	16QAM	25	0	22.43	22.46	22.45	23.7	2
10	16QAM	25	12	22.57	22.53	22.48		
10	16QAM	25	25	22.52	22.56	22.54		
10	16QAM	50	0	22.52	22.49	22.46		
10	64QAM	1	0	22.54	22.46	22.51	23.7	2
10	64QAM	1	25	22.70	22.65	22.53		
10	64QAM	1	49	22.59	22.65	22.60		
10	64QAM	25	0	21.46	21.45	21.43	22.7	3
10	64QAM	25	12	21.55	21.54	21.46		
10	64QAM	25	25	21.53	21.51	21.52		
10	64QAM	50	0	21.50	21.50	21.45		
10	256QAM	1	0	19.36	19.51	19.39	20.7	5
10	256QAM	1	25	19.40	19.36	19.39		
10	256QAM	1	49	19.55	19.34	19.45		
10	256QAM	25	0	19.54	19.56	19.52	20.7	5
10	256QAM	25	12	19.57	19.56	19.58		
10	256QAM	25	25	19.53	19.59	19.43		
10	256QAM	50	0	19.42	19.64	19.42		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.36	24.43	24.37	25.7	0
5	QPSK	1	12	24.40	24.36	24.45		
5	QPSK	1	24	24.39	24.42	24.39		
5	QPSK	12	0	23.42	23.40	23.42	24.7	1
5	QPSK	12	7	23.50	23.50	23.50		
5	QPSK	12	13	23.45	23.44	23.46		
5	QPSK	25	0	23.48	23.45	23.48		
5	16QAM	1	0	23.30	23.35	23.39	24.7	1
5	16QAM	1	12	23.54	23.45	23.58		
5	16QAM	1	24	23.42	23.35	23.39		
5	16QAM	12	0	22.45	22.48	22.46	23.7	2
5	16QAM	12	7	22.58	22.52	22.55		
5	16QAM	12	13	22.52	22.50	22.55		
5	16QAM	25	0	22.52	22.49	22.49		
5	64QAM	1	0	22.62	22.66	22.54	23.7	2
5	64QAM	1	12	22.62	22.60	22.72		
5	64QAM	1	24	22.56	22.57	22.61		
5	64QAM	12	0	21.45	21.45	21.45	22.7	3
5	64QAM	12	7	21.54	21.53	21.52		
5	64QAM	12	13	21.51	21.50	21.50		
5	64QAM	25	0	21.52	21.48	21.49		
5	256QAM	1	0	19.42	19.47	19.39	20.7	5
5	256QAM	1	12	19.42	19.25	19.38		
5	256QAM	1	24	19.32	19.45	19.49		
5	256QAM	12	0	19.51	19.33	19.34	20.7	5
5	256QAM	12	7	19.52	19.54	19.38		
5	256QAM	12	13	19.52	19.33	19.43		
5	256QAM	25	0	19.51	19.42	19.47		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.32	24.35	25.7	0
3	QPSK	1	8	24.45	24.42	24.42		
3	QPSK	1	14	24.35	24.33	24.34		
3	QPSK	8	0	23.51	23.43	23.43	24.7	1
3	QPSK	8	4	23.53	23.50	23.50		
3	QPSK	8	7	23.47	23.45	23.46		
3	QPSK	15	0	23.49	23.46	23.39		
3	16QAM	1	0	23.41	23.42	23.42	24.7	1
3	16QAM	1	8	23.58	23.53	23.60		
3	16QAM	1	14	23.41	23.43	23.38		
3	16QAM	8	0	22.61	22.53	22.51	23.7	2
3	16QAM	8	4	22.62	22.61	22.59		
3	16QAM	8	7	22.58	22.56	22.53		
3	16QAM	15	0	22.52	22.50	22.43		
3	64QAM	1	0	22.59	22.63	22.51	23.7	2
3	64QAM	1	8	22.66	22.61	22.58		
3	64QAM	1	14	22.51	22.46	22.53		
3	64QAM	8	0	21.60	21.44	21.46	22.7	3
3	64QAM	8	4	21.57	21.55	21.55		
3	64QAM	8	7	21.52	21.48	21.50		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.45	19.21	19.37	20.7	5
3	256QAM	1	8	19.53	19.54	19.49		
3	256QAM	1	14	19.27	19.31	19.38		
3	256QAM	8	0	19.52	19.36	19.53	20.7	5
3	256QAM	8	4	19.53	19.51	19.43		
3	256QAM	8	7	19.51	19.34	19.53		
3	256QAM	15	0	19.46	19.39	19.31		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.21	24.32	24.23	25.7	0
1.4	QPSK	1	3	24.26	24.36	24.38		
1.4	QPSK	1	5	24.38	24.37	24.32		
1.4	QPSK	3	0	24.29	24.19	24.32		
1.4	QPSK	3	1	24.40	24.42	24.41		
1.4	QPSK	3	3	24.30	24.22	24.23		
1.4	QPSK	6	0	23.26	23.28	23.42	24.7	1
1.4	16QAM	1	0	23.29	23.40	23.42	24.7	1
1.4	16QAM	1	3	23.37	23.32	23.47		
1.4	16QAM	1	5	23.29	23.32	23.40		
1.4	16QAM	3	0	23.12	23.13	23.39		
1.4	16QAM	3	1	23.44	23.37	23.59		
1.4	16QAM	3	3	23.41	23.30	23.27		
1.4	16QAM	6	0	22.29	22.50	22.24	23.7	2
1.4	64QAM	1	0	22.49	22.31	22.50	23.7	2
1.4	64QAM	1	3	22.45	22.49	22.46		
1.4	64QAM	1	5	22.37	22.40	22.29		
1.4	64QAM	3	0	22.46	22.52	22.39		
1.4	64QAM	3	1	22.59	22.47	22.68		
1.4	64QAM	3	3	22.51	22.36	22.43		
1.4	64QAM	6	0	21.47	21.41	21.41	22.7	3
1.4	256QAM	1	0	19.24	19.29	19.16	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.45		
1.4	256QAM	1	5	19.38	19.33	19.30		
1.4	256QAM	3	0	19.23	19.31	19.40		
1.4	256QAM	3	1	19.36	19.44	19.52		
1.4	256QAM	3	3	19.34	19.15	19.34		
1.4	256QAM	6	0	19.15	19.37	19.54	20.7	5

Band 13 Ant1 DSI4

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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.62		25.7	0
10	QPSK	1	25		24.52			
10	QPSK	1	49		24.59			
10	QPSK	25	0		23.70		24.7	1
10	QPSK	25	12		23.60			
10	QPSK	25	25		23.64			
10	QPSK	50	0		23.64			
10	16QAM	1	0		23.95		24.7	1
10	16QAM	1	25		24.10			
10	16QAM	1	49		24.01			
10	16QAM	25	0		22.63		23.7	2
10	16QAM	25	12		22.65			
10	16QAM	25	25		22.72			
10	16QAM	50	0		22.64			
10	64QAM	1	0		22.64		23.7	2
10	64QAM	1	25		22.83			
10	64QAM	1	49		22.77			
10	64QAM	25	0		21.64		22.7	3
10	64QAM	25	12		21.64			
10	64QAM	25	25		21.69			
10	64QAM	50	0		21.60			
10	256QAM	1	0		19.28		20.7	5
10	256QAM	1	25		19.31			
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.32		20.7	5
10	256QAM	25	12		19.36			
10	256QAM	25	25		19.32			
10	256QAM	50	0		19.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.53	24.57	24.53	25.7	0
5	QPSK	1	12	24.61	24.58	24.50		
5	QPSK	1	24	24.54	24.57	24.54		
5	QPSK	12	0	23.52	23.55	23.55	24.7	1
5	QPSK	12	7	23.62	23.60	23.67		
5	QPSK	12	13	23.61	23.65	23.62		
5	QPSK	25	0	23.59	23.55	23.61		
5	16QAM	1	0	23.68	23.76	23.69	24.7	1
5	16QAM	1	12	23.84	23.79	23.88		
5	16QAM	1	24	23.68	23.75	23.77		
5	16QAM	12	0	22.54	22.61	22.64	23.7	2
5	16QAM	12	7	22.71	22.66	22.72		
5	16QAM	12	13	22.63	22.70	22.68		
5	16QAM	25	0	22.63	22.60	22.64		
5	64QAM	1	0	22.68	22.75	22.75	23.7	2
5	64QAM	1	12	22.77	22.86	22.92		
5	64QAM	1	24	22.72	22.76	22.71		
5	64QAM	12	0	21.55	21.60	21.60	22.7	3
5	64QAM	12	7	21.68	21.63	21.73		
5	64QAM	12	13	21.67	21.66	21.65		
5	64QAM	25	0	21.62	21.57	21.63		
5	256QAM	1	0	19.10	19.30	18.99	20.7	5
5	256QAM	1	12	18.99	19.25	19.11		
5	256QAM	1	24	19.21	19.05	19.07		
5	256QAM	12	0	19.17	19.28	19.03	20.7	5
5	256QAM	12	7	19.26	19.28	19.26		
5	256QAM	12	13	19.28	19.37	19.06		
5	256QAM	25	0	19.27	19.22	19.05		

Band 17 Ant1 DSI4

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.26	24.36	24.27	25.7	0
10	QPSK	1	25	24.35	24.31	24.35		
10	QPSK	1	49	24.28	24.30	24.26		
10	QPSK	25	0	23.37	23.45	23.36	24.7	1
10	QPSK	25	12	23.34	23.37	23.41		
10	QPSK	25	25	23.39	23.39	23.37		
10	QPSK	50	0	23.41	23.42	23.32		
10	16QAM	1	0	23.63	23.70	23.64	24.7	1
10	16QAM	1	25	23.56	23.74	23.63		
10	16QAM	1	49	23.71	23.69	23.70		
10	16QAM	25	0	22.39	22.38	22.38	23.7	2
10	16QAM	25	12	22.47	22.40	22.49		
10	16QAM	25	25	22.42	22.43	22.43		
10	16QAM	50	0	22.41	22.33	22.44		
10	64QAM	1	0	22.42	22.40	22.49	23.7	2
10	64QAM	1	25	22.50	22.45	22.59		
10	64QAM	1	49	22.53	22.51	22.51		
10	64QAM	25	0	21.37	21.37	21.38	22.7	3
10	64QAM	25	12	21.48	21.41	21.47		
10	64QAM	25	25	21.39	21.40	21.43		
10	64QAM	50	0	21.40	21.34	21.42		
10	256QAM	1	0	19.09	19.29	19.07	20.7	5
10	256QAM	1	25	18.97	19.31	19.16		
10	256QAM	1	49	19.28	19.09	19.14		
10	256QAM	25	0	19.18	19.25	19.03	20.7	5
10	256QAM	25	12	19.29	19.29	19.27		
10	256QAM	25	25	19.40	19.37	19.01		
10	256QAM	50	0	19.28	19.15	19.11		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.32	24.33	24.31	25.7	0
5	QPSK	1	12	24.31	24.31	24.34		
5	QPSK	1	24	24.23	24.22	24.24		
5	QPSK	12	0	23.33	23.34	23.33	24.7	1
5	QPSK	12	7	23.38	23.37	23.36		
5	QPSK	12	13	23.31	23.32	23.30		
5	QPSK	25	0	23.36	23.27	23.28		
5	16QAM	1	0	23.66	23.71	23.72	24.7	1
5	16QAM	1	12	23.69	23.75	23.75		
5	16QAM	1	24	23.57	23.54	23.66		
5	16QAM	12	0	22.38	22.39	22.39	23.7	2
5	16QAM	12	7	22.43	22.45	22.43		
5	16QAM	12	13	22.37	22.31	22.33		
5	16QAM	25	0	22.37	22.30	22.30		
5	64QAM	1	0	22.49	22.42	22.42	23.7	2
5	64QAM	1	12	22.50	22.45	22.56		
5	64QAM	1	24	22.43	22.43	22.42		
5	64QAM	12	0	21.35	21.34	21.40	22.7	3
5	64QAM	12	7	21.42	21.41	21.42		
5	64QAM	12	13	21.33	21.31	21.31		
5	64QAM	25	0	21.35	21.30	21.29		
5	256QAM	1	0	19.08	19.32	19.04	20.7	5
5	256QAM	1	12	18.96	19.26	19.15		
5	256QAM	1	24	19.22	19.04	19.16		
5	256QAM	12	0	19.18	19.23	19.09	20.7	5
5	256QAM	12	7	19.26	19.32	19.35		
5	256QAM	12	13	19.38	19.40	19.13		
5	256QAM	25	0	19.28	19.17	19.07		

Band 26 Ant1 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.32	24.30	25.7	0
15	QPSK	1	37	24.22	24.31	24.28		
15	QPSK	1	74	24.30	24.28	24.26		
15	QPSK	36	0	23.24	23.35	23.27	24.7	1
15	QPSK	36	20	23.32	23.28	23.34		
15	QPSK	36	39	23.29	23.30	23.34		
15	QPSK	75	0	23.30	23.36	23.29		
15	16QAM	1	0	23.34	23.37	23.45	24.7	1
15	16QAM	1	37	23.25	23.35	23.41		
15	16QAM	1	74	23.46	23.32	23.33		
15	16QAM	36	0	22.26	22.32	22.31	23.7	2
15	16QAM	36	20	22.33	22.32	22.38		
15	16QAM	36	39	22.33	22.40	22.36		
15	16QAM	75	0	22.34	22.30	22.36		
15	64QAM	1	0	22.37	22.41	22.44	23.7	2
15	64QAM	1	37	22.33	22.46	22.50		
15	64QAM	1	74	22.39	22.42	22.48		
15	64QAM	36	0	21.24	21.30	21.28	22.7	3
15	64QAM	36	20	21.32	21.28	21.36		
15	64QAM	36	39	21.34	21.37	21.36		
15	64QAM	75	0	21.33	21.30	21.36		
15	256QAM	1	0	19.16	19.31	18.99	20.7	5
15	256QAM	1	37	19.01	19.25	19.11		
15	256QAM	1	74	19.30	19.03	19.15		
15	256QAM	36	0	19.24	19.29	19.02	20.7	5
15	256QAM	36	20	19.35	19.39	19.29		
15	256QAM	36	39	19.40	19.28	19.11		
15	256QAM	75	0	19.31	19.17	19.06		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.15	24.10	24.22	25.7	0
10	QPSK	1	25	24.12	24.22	24.15		
10	QPSK	1	49	24.29	24.23	24.07		
10	QPSK	25	0	23.07	23.28	23.24	24.7	1
10	QPSK	25	12	23.23	23.29	23.16		
10	QPSK	25	25	23.17	23.32	23.31		
10	QPSK	50	0	23.15	23.28	23.28		
10	16QAM	1	0	23.14	23.33	23.26	24.7	1
10	16QAM	1	25	23.21	23.37	23.19		
10	16QAM	1	49	23.26	23.27	23.27		
10	16QAM	25	0	22.05	22.11	22.13	23.7	2
10	16QAM	25	12	22.31	22.15	22.17		
10	16QAM	25	25	22.35	22.22	22.27		
10	16QAM	50	0	22.29	22.10	22.14		
10	64QAM	1	0	22.38	22.43	22.36	23.7	2
10	64QAM	1	25	22.24	22.28	22.32		
10	64QAM	1	49	22.26	22.31	22.44		
10	64QAM	25	0	21.20	21.31	21.08	22.7	3
10	64QAM	25	12	21.19	21.18	21.31		
10	64QAM	25	25	21.15	21.24	21.33		
10	64QAM	50	0	21.13	21.30	21.16		
10	256QAM	1	0	19.14	19.28	19.03	20.7	5
10	256QAM	1	25	18.98	19.23	19.11		
10	256QAM	1	49	19.27	19.12	19.15		
10	256QAM	25	0	19.24	19.29	19.13	20.7	5
10	256QAM	25	12	19.31	19.28	19.28		
10	256QAM	25	25	19.30	19.31	19.02		
10	256QAM	50	0	19.32	19.21	19.05		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.01	24.15	24.19	25.7	0
5	QPSK	1	12	24.09	24.24	24.16		
5	QPSK	1	24	24.18	24.12	24.05		
5	QPSK	12	0	23.17	23.24	23.19	24.7	1
5	QPSK	12	7	23.21	23.28	23.23		
5	QPSK	12	13	23.08	23.31	23.19		
5	QPSK	25	0	23.23	23.20	23.19		
5	16QAM	1	0	23.13	23.35	23.27	24.7	1
5	16QAM	1	12	23.25	23.19	23.22		
5	16QAM	1	24	23.37	23.20	23.19		
5	16QAM	12	0	22.25	22.17	22.28	23.7	2
5	16QAM	12	7	22.24	22.34	22.30		
5	16QAM	12	13	22.15	22.38	22.16		
5	16QAM	25	0	22.34	22.18	22.30		
5	64QAM	1	0	22.27	22.23	22.39	23.7	2
5	64QAM	1	12	22.27	22.46	22.31		
5	64QAM	1	24	22.38	22.29	22.41		
5	64QAM	12	0	21.08	21.16	21.07	22.7	3
5	64QAM	12	7	21.11	21.13	21.19		
5	64QAM	12	13	21.28	21.35	21.17		
5	64QAM	25	0	21.34	21.10	21.37		
5	256QAM	1	0	19.07	19.31	19.04	20.7	5
5	256QAM	1	12	19.01	19.35	19.17		
5	256QAM	1	24	19.18	19.12	19.19		
5	256QAM	12	0	19.17	19.30	19.12	20.7	5
5	256QAM	12	7	19.31	19.38	19.27		
5	256QAM	12	13	19.29	19.31	19.14		
5	256QAM	25	0	19.35	19.16	19.16		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.15	24.22	24.23	25.7	0
3	QPSK	1	8	24.20	24.26	24.22		
3	QPSK	1	14	24.19	24.17	24.22		
3	QPSK	8	0	23.11	23.23	23.20	24.7	1
3	QPSK	8	4	23.28	23.18	23.13		
3	QPSK	8	7	23.28	23.26	23.19		
3	QPSK	15	0	23.18	23.11	23.31		
3	16QAM	1	0	23.23	23.34	23.24	24.7	1
3	16QAM	1	8	23.19	23.26	23.25		
3	16QAM	1	14	23.46	23.23	23.22		
3	16QAM	8	0	22.17	22.23	22.29	23.7	2
3	16QAM	8	4	22.17	22.20	22.32		
3	16QAM	8	7	22.16	22.41	22.32		
3	16QAM	15	0	22.33	22.28	22.28		
3	64QAM	1	0	22.33	22.21	22.44	23.7	2
3	64QAM	1	8	22.17	22.43	22.50		
3	64QAM	1	14	22.18	22.23	22.28		
3	64QAM	8	0	21.24	21.20	21.30	22.7	3
3	64QAM	8	4	21.21	21.23	21.31		
3	64QAM	8	7	21.13	21.20	21.25		
3	64QAM	15	0	21.29	21.32	21.24		
3	256QAM	1	0	19.14	19.29	19.02	20.7	5
3	256QAM	1	8	18.97	19.35	19.13		
3	256QAM	1	14	19.31	19.12	19.14		
3	256QAM	8	0	19.18	19.29	19.12	20.7	5
3	256QAM	8	4	19.37	19.35	19.34		
3	256QAM	8	7	19.39	19.36	19.13		
3	256QAM	15	0	19.33	19.09	19.09		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.00	24.28	24.18	25.7	0
1.4	QPSK	1	3	24.08	24.25	24.25		
1.4	QPSK	1	5	24.11	24.07	24.07		
1.4	QPSK	3	0	24.19	24.22	24.13		
1.4	QPSK	3	1	24.10	24.23	24.27		
1.4	QPSK	3	3	24.30	24.17	24.25		
1.4	QPSK	6	0	23.27	23.20	23.07	24.7	1
1.4	16QAM	1	0	23.21	23.28	23.15	24.7	1
1.4	16QAM	1	3	23.11	23.27	23.16		
1.4	16QAM	1	5	23.15	23.29	23.11		
1.4	16QAM	3	0	23.07	23.29	23.18		
1.4	16QAM	3	1	23.19	23.30	23.14		
1.4	16QAM	3	3	23.29	23.11	23.29		
1.4	16QAM	6	0	22.25	22.09	22.31	23.7	2
1.4	64QAM	1	0	22.31	22.27	22.38	23.7	2
1.4	64QAM	1	3	22.10	22.34	22.14		
1.4	64QAM	1	5	22.29	22.10	22.35		
1.4	64QAM	3	0	22.36	22.22	22.36		
1.4	64QAM	3	1	22.28	22.52	22.22		
1.4	64QAM	3	3	22.40	22.22	22.35		
1.4	64QAM	6	0	21.04	21.24	21.08	22.7	3
1.4	256QAM	1	0	19.09	19.32	19.00	20.7	5
1.4	256QAM	1	3	18.96	19.24	19.12		
1.4	256QAM	1	5	19.29	19.03	19.12		
1.4	256QAM	3	0	19.18	19.30	19.09		
1.4	256QAM	3	1	19.28	19.26	19.35		
1.4	256QAM	3	3	19.37	19.38	19.06		
1.4	256QAM	6	0	19.24	19.11	19.07	20.7	5

GSM1900 Ant3 DSI4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	29.88	30.01	30.50	21.02	20.88	21.01	21.50
GPRS 1 Tx slot	29.93	29.75	29.74	30.50	20.93	20.75	20.74	21.50
GPRS 2 Tx slots	26.76	26.57	26.43	27.50	20.76	20.57	20.43	21.50
GPRS 3 Tx slots	24.57	24.68	24.83	25.50	20.31	20.42	20.57	21.24
GPRS 4 Tx slots	23.31	23.32	23.19	24.50	20.31	20.32	20.19	21.50
EDGE 1 Tx slot	25.73	25.78	25.98	26.50	16.73	16.78	16.98	17.50
EDGE 2 Tx slots	22.45	22.38	22.33	24.00	16.45	16.38	16.33	18.00
EDGE 3 Tx slots	20.60	20.66	20.82	21.50	16.34	16.40	16.56	17.24
EDGE 4 Tx slots	18.92	19.04	19.27	20.50	15.92	16.04	16.27	17.50

WCDMA Ⅱ Ant3 DSI4 | WCDMA Ⅳ Ant3 DSI4

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.85	23.87	23.71	25.00	23.80	23.93	23.84	25.00
3GPP Rel 99	RMC 12.2Kbps	23.92	23.93	23.88	25.00	23.84	23.99	23.92	25.00
3GPP Rel 6	HSDPA Subtest-1	22.90	22.74	22.69	24.00	22.76	22.64	22.78	24.00
3GPP Rel 6	HSDPA Subtest-2	22.85	22.78	22.85	24.00	22.68	22.71	22.56	24.00
3GPP Rel 6	HSDPA Subtest-3	22.27	22.10	22.06	23.50	21.88	22.24	21.77	23.50
3GPP Rel 6	HSDPA Subtest-4	21.96	22.18	22.17	23.50	21.91	22.07	22.03	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.88	22.69	22.82	24.00	22.71	22.79	22.74	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.83	22.85	22.95	24.00	22.65	22.75	22.51	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.38	22.08	21.94	23.50	21.80	22.11	21.80	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.02	22.30	22.12	23.50	21.99	22.19	21.89	23.50
3GPP Rel 6	HSUPA Subtest-1	22.71	22.69	22.86	24.00	22.73	22.54	22.82	24.00
3GPP Rel 6	HSUPA Subtest-2	20.68	20.80	20.85	22.00	20.86	20.99	20.71	22.00
3GPP Rel 6	HSUPA Subtest-3	21.78	21.76	21.42	23.00	21.64	21.94	21.57	23.00
3GPP Rel 6	HSUPA Subtest-4	20.51	20.66	20.65	22.00	20.46	20.48	20.31	22.00
3GPP Rel 6	HSUPA Subtest-5	23.06	22.66	22.84	24.00	22.91	22.75	22.86	24.00

Band 2 Ant3 DSI4

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	24.26	24.28	24.17	25.5	0
20	QPSK	1	49	24.26	24.18	24.25		
20	QPSK	1	99	24.14	24.07	24.15		
20	QPSK	50	0	23.28	23.35	23.23	24.5	1
20	QPSK	50	24	23.25	23.22	23.27		
20	QPSK	50	50	23.26	23.24	23.24		
20	QPSK	100	0	23.19	23.33	23.21		
20	16QAM	1	0	23.35	23.34	23.30	24.5	1
20	16QAM	1	49	23.52	23.62	23.44		
20	16QAM	1	99	23.26	23.18	23.18		
20	16QAM	50	0	22.32	22.24	22.24	23.5	2
20	16QAM	50	24	22.35	22.21	22.25		
20	16QAM	50	50	22.27	22.25	22.29		
20	16QAM	100	0	22.32	22.20	22.23		
20	64QAM	1	0	22.40	22.44	22.34	23.5	2
20	64QAM	1	49	22.47	22.51	22.31		
20	64QAM	1	99	22.27	22.32	22.31		
20	64QAM	50	0	21.30	21.26	21.27	22.5	3
20	64QAM	50	24	21.34	21.22	21.25		
20	64QAM	50	50	21.25	21.24	21.29		
20	64QAM	100	0	21.32	21.21	21.21		
20	256QAM	1	0	19.16	19.36	19.15	20.5	5
20	256QAM	1	49	19.33	19.18	19.16		
20	256QAM	1	99	19.22	18.98	19.22		
20	256QAM	50	0	19.35	19.39	19.22	20.5	5
20	256QAM	50	24	19.26	19.16	19.16		
20	256QAM	50	50	19.15	19.27	19.26		
20	256QAM	100	0	19.17	19.33	19.27		
Channel				342.6	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				24.26	1880	1902.5		
15	QPSK	1	0	24.26	24.05	24.12	25.5	0
15	QPSK	1	37	24.20	24.04	24.25		
15	QPSK	1	74	24.11	24.05	24.15		
15	QPSK	36	0	23.22	23.19	23.12	24.5	1
15	QPSK	36	20	23.13	23.12	23.16		
15	QPSK	36	39	23.08	23.02	23.28		
15	QPSK	75	0	23.32	23.18	23.23		
15	16QAM	1	0	23.13	23.24	23.12	24.5	1
15	16QAM	1	37	23.48	23.38	23.21		
15	16QAM	1	74	23.06	23.02	23.04		
15	16QAM	36	0	22.08	22.00	22.14	23.5	2
15	16QAM	36	20	22.35	22.25	22.10		
15	16QAM	36	39	22.16	22.14	22.16		
15	16QAM	75	0	22.36	22.05	22.18		
15	64QAM	1	0	22.22	22.20	22.33	23.5	2
15	64QAM	1	37	22.30	22.33	22.14		
15	64QAM	1	74	22.14	22.17	22.19		
15	64QAM	36	0	21.23	21.29	21.24	22.5	3
15	64QAM	36	20	21.13	21.26	21.05		
15	64QAM	36	39	21.27	21.27	21.32		
15	64QAM	75	0	21.20	21.16	21.04		
15	256QAM	1	0	19.15	18.97	19.21	20.5	5
15	256QAM	1	37	19.27	19.02	19.24		
15	256QAM	1	74	19.04	19.11	19.13		
15	256QAM	36	0	19.34	19.26	19.02	20.5	5
15	256QAM	36	20	19.19	19.21	19.12		
15	256QAM	36	39	19.12	19.06	19.28		
15	256QAM	75	0	19.39	19.27	19.16		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.14	24.16	24.21	25.5	0
10	QPSK	1	25	24.26	23.98	24.21		
10	QPSK	1	49	23.92	23.84	23.97		
10	QPSK	25	0	23.19	23.22	23.26	24.5	1
10	QPSK	25	12	23.19	23.16	23.16		
10	QPSK	25	25	23.28	23.15	23.18		
10	QPSK	50	0	23.24	23.17	23.16		
10	16QAM	1	0	23.33	23.21	23.27	24.5	1
10	16QAM	1	25	23.54	23.42	23.30		
10	16QAM	1	49	23.04	23.11	23.15		
10	16QAM	25	0	22.17	22.26	21.99	23.5	2
10	16QAM	25	12	22.25	22.00	22.16		
10	16QAM	25	25	22.05	22.26	22.24		
10	16QAM	50	0	22.07	22.14	22.07		
10	64QAM	1	0	22.22	22.41	22.34	23.5	2
10	64QAM	1	25	22.35	22.27	22.26		
10	64QAM	1	49	22.19	22.18	22.29		
10	64QAM	25	0	21.34	21.19	21.15	22.5	3
10	64QAM	25	12	21.24	21.23	21.05		
10	64QAM	25	25	21.08	21.14	21.24		
10	64QAM	50	0	21.33	20.99	21.22		
10	256QAM	1	0	19.06	19.26	19.21	20.5	5
10	256QAM	1	25	19.17	18.98	19.22		
10	256QAM	1	49	19.00	18.89	19.06		
10	256QAM	25	0	19.08	19.15	19.30	20.5	5
10	256QAM	25	12	19.15	19.26	19.10		
10	256QAM	25	25	19.35	19.23	19.08		
10	256QAM	50	0	19.29	19.23	19.22		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.14	24.22	24.02	25.5	0
5	QPSK	1	12	24.11	24.08	24.26		
5	QPSK	1	24	24.04	24.05	24.06		
5	QPSK	12	0	23.28	23.29	23.17	24.5	1
5	QPSK	12	7	23.23	23.19	23.30		
5	QPSK	12	13	23.15	23.18	23.08		
5	QPSK	25	0	23.24	22.95	23.02		
5	16QAM	1	0	23.37	23.31	23.08	24.5	1
5	16QAM	1	12	23.52	23.39	23.39		
5	16QAM	1	24	23.02	23.16	23.07		
5	16QAM	12	0	22.15	22.07	22.18	23.5	2
5	16QAM	12	7	22.28	22.09	22.20		
5	16QAM	12	13	22.07	22.26	22.07		
5	16QAM	25	0	22.18	22.16	22.23		
5	64QAM	1	0	22.44	22.44	22.10	23.5	2
5	64QAM	1	12	22.48	22.52	22.35		
5	64QAM	1	24	22.08	22.16	22.32		
5	64QAM	12	0	21.26	21.15	21.29	22.5	3
5	64QAM	12	7	21.15	20.97	21.15		
5	64QAM	12	13	21.01	21.22	21.11		
5	64QAM	25	0	21.18	21.12	21.10		
5	256QAM	1	0	19.22	19.23	19.00	20.5	5
5	256QAM	1	12	18.99	19.16	19.25		
5	256QAM	1	24	19.12	19.03	19.03		
5	256QAM	12	0	19.18	19.26	19.27	20.5	5
5	256QAM	12	7	19.19	19.28	19.19		
5	256QAM	12	13	19.21	19.24	19.14		
5	256QAM	25	0	19.23	19.03	19.01		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.08	24.12	24.09	25.5	0
3	QPSK	1	8	24.22	24.07	24.11		
3	QPSK	1	14	24.12	24.00	23.90		
3	QPSK	8	0	23.26	23.20	23.16	24.5	1
3	QPSK	8	4	23.26	22.99	23.06		
3	QPSK	8	7	23.03	23.21	23.15		
3	QPSK	15	0	23.34	23.23	23.10		
3	16QAM	1	0	23.24	23.32	23.29	24.5	1
3	16QAM	1	8	23.32	23.27	23.21		
3	16QAM	1	14	23.25	23.04	23.00		
3	16QAM	8	0	22.22	22.26	22.06	23.5	2
3	16QAM	8	4	22.20	22.19	22.06		
3	16QAM	8	7	22.29	22.21	22.17		
3	16QAM	15	0	22.12	22.02	22.21		
3	64QAM	1	0	22.26	22.42	22.14	23.5	2
3	64QAM	1	8	22.26	22.33	22.12		
3	64QAM	1	14	22.12	22.24	22.34		
3	64QAM	8	0	21.17	21.17	21.32	22.5	3
3	64QAM	8	4	21.28	21.21	21.12		
3	64QAM	8	7	21.21	21.02	21.25		
3	64QAM	15	0	21.27	21.00	21.15		
3	256QAM	1	0	19.08	19.20	18.99	20.5	5
3	256QAM	1	8	19.23	19.05	19.20		
3	256QAM	1	14	19.04	19.01	18.96		
3	256QAM	8	0	19.20	19.25	19.23	20.5	5
3	256QAM	8	4	19.25	18.95	19.06		
3	256QAM	8	7	19.09	19.30	19.11		
3	256QAM	15	0	19.46	19.27	19.08		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.89	24.07	24.10	25.5	0
1.4	QPSK	1	3	24.08	23.96	24.09		
1.4	QPSK	1	5	23.91	23.71	23.78		
1.4	QPSK	3	0	23.91	24.19	24.03		
1.4	QPSK	3	1	23.89	23.84	24.02		
1.4	QPSK	3	3	23.94	24.00	23.97		
1.4	QPSK	6	0	23.09	23.32	22.96	24.5	1
1.4	16QAM	1	0	23.12	23.05	23.17	24.5	1
1.4	16QAM	1	3	22.90	23.01	22.95		
1.4	16QAM	1	5	23.05	22.96	23.03		
1.4	16QAM	3	0	23.12	23.04	22.94		
1.4	16QAM	3	1	23.09	23.20	22.83		
1.4	16QAM	3	3	22.99	23.00	22.85		
1.4	16QAM	6	0	22.01	22.06	22.06	23.5	2
1.4	64QAM	1	0	22.13	21.99	22.11	23.5	2
1.4	64QAM	1	3	21.82	22.02	21.84		
1.4	64QAM	1	5	22.05	22.19	22.17		
1.4	64QAM	3	0	22.35	22.22	22.05		
1.4	64QAM	3	1	22.31	22.37	22.12		
1.4	64QAM	3	3	21.98	22.05	22.28		
1.4	64QAM	6	0	21.16	21.20	21.11	22.5	3
1.4	256QAM	1	0	18.86	19.12	19.04	20.5	5
1.4	256QAM	1	3	19.16	18.99	19.05		
1.4	256QAM	1	5	18.88	18.81	18.79		
1.4	256QAM	3	0	18.98	19.11	19.03		
1.4	256QAM	3	1	18.97	18.86	19.11		
1.4	256QAM	3	3	18.82	18.97	18.99		
1.4	256QAM	6	0	19.09	19.24	18.94	20.5	5

Band 4 Ant3 DSI4

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	24.33	24.47	24.45	25.5	0
20	QPSK	1	49	24.30	24.35	24.26		
20	QPSK	1	99	24.33	24.30	24.27		
20	QPSK	50	0	23.32	23.42	23.34	24.5	1
20	QPSK	50	24	23.32	23.27	23.41		
20	QPSK	50	50	23.18	23.24	23.37		
20	QPSK	100	0	23.31	23.34	23.33		
20	16QAM	1	0	23.74	23.82	23.53	24.5	1
20	16QAM	1	49	23.69	23.61	23.89		
20	16QAM	1	99	23.72	23.74	23.71		
20	16QAM	50	0	22.29	22.26	22.28	23.5	2
20	16QAM	50	24	22.37	22.33	22.40		
20	16QAM	50	50	22.33	22.28	22.25		
20	16QAM	100	0	22.35	22.40	22.34		
20	64QAM	1	0	22.45	22.40	22.54	23.5	2
20	64QAM	1	49	22.47	22.29	22.39		
20	64QAM	1	99	22.54	22.39	22.37		
20	64QAM	50	0	21.31	21.33	21.41	22.5	3
20	64QAM	50	24	21.38	21.41	21.47		
20	64QAM	50	50	21.27	21.25	21.42		
20	64QAM	100	0	21.31	21.25	21.33		
20	256QAM	1	0	19.21	19.60	19.43	20.5	5
20	256QAM	1	49	19.22	19.40	19.23		
20	256QAM	1	99	19.32	19.41	19.36		
20	256QAM	50	0	19.38	19.31	19.38	20.5	5
20	256QAM	50	24	19.26	19.20	19.48		
20	256QAM	50	50	19.23	19.15	19.25		
20	256QAM	100	0	19.28	19.29	19.34		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.39	24.19	24.40	25.5	0
15	QPSK	1	37	24.24	24.23	24.12		
15	QPSK	1	74	24.28	24.16	24.12		
15	QPSK	36	0	23.27	23.30	23.36	24.5	1
15	QPSK	36	20	23.19	23.15	23.28		
15	QPSK	36	39	23.13	23.14	23.25		
15	QPSK	75	0	23.24	23.28	23.26		
15	16QAM	1	0	23.62	23.76	23.47	24.5	1
15	16QAM	1	37	23.62	23.53	23.78		
15	16QAM	1	74	23.61	23.66	23.62		
15	16QAM	36	0	22.24	22.13	22.23	23.5	2
15	16QAM	36	20	22.24	22.29	22.32		
15	16QAM	36	39	22.23	22.18	22.14		
15	16QAM	75	0	22.26	22.25	22.25		
15	64QAM	1	0	22.32	22.25	22.42	23.5	2
15	64QAM	1	37	22.42	22.21	22.24		
15	64QAM	1	74	22.46	22.33	22.31		
15	64QAM	36	0	21.19	21.23	21.27	22.5	3
15	64QAM	36	20	21.25	21.27	21.39		
15	64QAM	36	39	21.14	21.10	21.29		
15	64QAM	75	0	21.19	21.12	21.26		
15	256QAM	1	0	19.46	19.09	19.31	20.5	5
15	256QAM	1	37	19.30	19.27	19.15		
15	256QAM	1	74	19.23	19.13	19.16		
15	256QAM	36	0	19.31	19.28	19.34	20.5	5
15	256QAM	36	20	19.20	19.18	19.22		
15	256QAM	36	39	19.12	19.13	19.33		
15	256QAM	75	0	19.24	19.27	19.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.47	24.19	24.42	25.5	0
10	QPSK	1	25	24.20	24.21	24.11		
10	QPSK	1	49	24.18	24.25	24.17		
10	QPSK	25	0	23.17	23.29	23.29	24.5	1
10	QPSK	25	12	23.27	23.18	23.25		
10	QPSK	25	25	23.05	23.12	23.29		
10	QPSK	50	0	23.26	23.26	23.25		
10	16QAM	1	0	23.61	23.72	23.46	24.5	1
10	16QAM	1	25	23.58	23.46	23.85		
10	16QAM	1	49	23.67	23.67	23.64		
10	16QAM	25	0	22.23	22.18	22.16	23.5	2
10	16QAM	25	12	22.22	22.26	22.27		
10	16QAM	25	25	22.28	22.12	22.09		
10	16QAM	50	0	22.23	22.28	22.25		
10	64QAM	1	0	22.30	22.33	22.45	23.5	2
10	64QAM	1	25	22.32	22.17	22.30		
10	64QAM	1	49	22.42	22.29	22.28		
10	64QAM	25	0	21.16	21.17	21.37	22.5	3
10	64QAM	25	12	21.32	21.34	21.34		
10	64QAM	25	25	21.22	21.14	21.27		
10	64QAM	50	0	21.26	21.16	21.18		
10	256QAM	1	0	19.45	19.20	19.35	20.5	5
10	256QAM	1	25	19.21	19.24	19.08		
10	256QAM	1	49	19.30	19.19	19.27		
10	256QAM	25	0	19.19	19.39	19.28	20.5	5
10	256QAM	25	12	19.39	19.09	19.28		
10	256QAM	25	25	19.03	19.03	19.33		
10	256QAM	50	0	19.29	19.23	19.37		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.45	24.18	24.37	25.5	0
5	QPSK	1	12	24.19	24.21	24.11		
5	QPSK	1	24	24.25	24.19	24.20		
5	QPSK	12	0	23.24	23.27	23.32	24.5	1
5	QPSK	12	7	23.26	23.21	23.28		
5	QPSK	12	13	23.11	23.12	23.27		
5	QPSK	25	0	23.20	23.27	23.23		
5	16QAM	1	0	23.59	23.73	23.61	24.5	1
5	16QAM	1	12	23.59	23.56	23.84		
5	16QAM	1	24	23.59	23.68	23.63		
5	16QAM	12	0	22.19	22.21	22.23	23.5	2
5	16QAM	12	7	22.27	22.21	22.26		
5	16QAM	12	13	22.20	22.14	22.15		
5	16QAM	25	0	22.23	22.34	22.20		
5	64QAM	1	0	22.32	22.27	22.45	23.5	2
5	64QAM	1	12	22.41	22.23	22.25		
5	64QAM	1	24	22.46	22.34	22.23		
5	64QAM	12	0	21.21	21.22	21.28	22.5	3
5	64QAM	12	7	21.25	21.36	21.33		
5	64QAM	12	13	21.17	21.13	21.27		
5	64QAM	25	0	21.23	21.14	21.19		
5	256QAM	1	0	19.37	19.08	19.31	20.5	5
5	256QAM	1	12	19.22	19.28	19.21		
5	256QAM	1	24	19.30	19.27	19.30		
5	256QAM	12	0	19.22	19.27	19.25	20.5	5
5	256QAM	12	7	19.27	19.26	19.35		
5	256QAM	12	13	19.07	19.01	19.35		
5	256QAM	25	0	19.28	19.35	19.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	24.40	24.18	24.34	25.5	0
3	QPSK	1	8	24.23	24.21	24.21		
3	QPSK	1	14	24.21	24.22	24.14		
3	QPSK	8	0	23.24	23.18	23.32	24.5	1
3	QPSK	8	4	23.17	23.18	23.30		
3	QPSK	8	7	23.10	23.15	23.32		
3	QPSK	15	0	23.18	23.19	23.27		
3	16QAM	1	0	23.67	23.68	23.49	24.5	1
3	16QAM	1	8	23.61	23.53	23.81		
3	16QAM	1	14	23.67	23.66	23.65		
3	16QAM	8	0	22.19	22.21	22.20	23.5	2
3	16QAM	8	4	22.31	22.19	22.31		
3	16QAM	8	7	22.19	22.17	22.19		
3	16QAM	15	0	22.20	22.30	22.26		
3	64QAM	1	0	22.36	22.26	22.40	23.5	2
3	64QAM	1	8	22.31	22.16	22.26		
3	64QAM	1	14	22.38	22.30	22.24		
3	64QAM	8	0	21.19	21.28	21.27	22.5	3
3	64QAM	8	4	21.34	21.34	21.41		
3	64QAM	8	7	21.20	21.16	21.36		
3	64QAM	15	0	21.22	21.19	21.21		
3	256QAM	1	0	19.43	19.16	19.40	20.5	5
3	256QAM	1	8	19.20	19.24	19.31		
3	256QAM	1	14	19.28	19.16	19.25		
3	256QAM	8	0	19.17	19.15	19.23	20.5	5
3	256QAM	8	4	19.16	19.11	19.18		
3	256QAM	8	7	19.21	19.13	19.38		
3	256QAM	15	0	19.11	19.10	19.25		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.35	24.23	24.30	25.5	0
1.4	QPSK	1	3	24.31	24.20	24.23		
1.4	QPSK	1	5	24.20	24.16	24.13		
1.4	QPSK	3	0	24.44	24.21	24.37		
1.4	QPSK	3	1	24.08	24.26	24.26		
1.4	QPSK	3	3	24.13	24.16	24.30		
1.4	QPSK	6	0	23.27	23.30	23.28	24.5	1
1.4	16QAM	1	0	23.33	23.31	23.18	24.5	1
1.4	16QAM	1	3	23.16	23.02	23.32		
1.4	16QAM	1	5	23.16	23.31	23.15		
1.4	16QAM	3	0	23.58	23.62	23.44		
1.4	16QAM	3	1	23.46	23.56	23.73		
1.4	16QAM	3	3	23.57	23.73	23.58		
1.4	16QAM	6	0	22.31	22.30	22.30	23.5	2
1.4	64QAM	1	0	22.22	22.29	22.21	23.5	2
1.4	64QAM	1	3	22.15	22.00	21.97		
1.4	64QAM	1	5	22.14	22.35	22.16		
1.4	64QAM	3	0	22.28	22.24	22.42		
1.4	64QAM	3	1	22.41	22.22	22.41		
1.4	64QAM	3	3	22.49	22.35	22.15		
1.4	64QAM	6	0	21.19	21.24	21.45	22.5	3
1.4	256QAM	1	0	19.35	19.23	19.30	20.5	5
1.4	256QAM	1	3	19.31	19.20	19.23		
1.4	256QAM	1	5	19.20	19.16	19.13		
1.4	256QAM	3	0	19.44	19.21	19.37		
1.4	256QAM	3	1	19.08	19.26	19.26		
1.4	256QAM	3	3	19.13	19.16	19.30		
1.4	256QAM	6	0	19.27	19.30	19.28	20.5	5

Band 7 Ant3 DSI4

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	24.18	24.35	24.30	25.5	0
20	QPSK	1	49	24.16	24.19	24.23		
20	QPSK	1	99	24.28	24.17	24.09		
20	QPSK	50	0	23.24	23.42	23.17	24.5	1
20	QPSK	50	24	23.38	23.27	23.22		
20	QPSK	50	50	23.26	23.34	23.41		
20	QPSK	100	0	23.17	23.30	23.27		
20	16QAM	1	0	23.62	23.44	23.42	24.5	1
20	16QAM	1	49	23.41	23.26	23.50		
20	16QAM	1	99	23.56	23.50	23.28		
20	16QAM	50	0	22.32	22.23	22.28	23.5	2
20	16QAM	50	24	22.42	22.33	22.22		
20	16QAM	50	50	22.39	22.36	22.45		
20	16QAM	100	0	22.29	22.24	22.33		
20	64QAM	1	0	22.49	22.51	22.41	23.5	2
20	64QAM	1	49	22.68	22.34	22.29		
20	64QAM	1	99	22.61	22.55	22.47		
20	64QAM	50	0	21.33	21.32	21.15	22.5	3
20	64QAM	50	24	21.29	21.31	21.27		
20	64QAM	50	50	21.39	21.20	21.47		
20	64QAM	100	0	21.36	21.27	21.25		
20	256QAM	1	0	19.08	19.42	19.22	20.5	5
20	256QAM	1	49	19.16	19.31	19.16		
20	256QAM	1	99	19.36	19.08	19.09		
20	256QAM	50	0	19.25	19.52	19.17	20.5	5
20	256QAM	50	24	19.47	19.35	19.21		
20	256QAM	50	50	19.15	19.36	19.39		
20	256QAM	100	0	19.26	19.41	19.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.13	24.07	24.20	25.5	0
15	QPSK	1	37	24.12	24.11	24.11		
15	QPSK	1	74	24.12	24.30	24.05		
15	QPSK	36	0	23.09	22.99	23.09	24.5	1
15	QPSK	36	20	23.29	23.21	23.17		
15	QPSK	36	39	23.35	23.29	23.26		
15	QPSK	75	0	23.25	23.05	23.13		
15	16QAM	1	0	23.49	23.35	23.28	24.5	1
15	16QAM	1	37	23.28	23.15	23.46		
15	16QAM	1	74	23.47	23.44	23.14		
15	16QAM	36	0	22.18	22.19	22.15	23.5	2
15	16QAM	36	20	22.37	22.21	22.07		
15	16QAM	36	39	22.31	22.28	22.30		
15	16QAM	75	0	22.15	22.12	22.19		
15	64QAM	1	0	22.39	22.42	22.36	23.5	2
15	64QAM	1	37	22.52	22.24	22.20		
15	64QAM	1	74	22.56	22.47	22.39		
15	64QAM	36	0	21.25	21.28	20.99	22.5	3
15	64QAM	36	20	21.14	21.23	21.16		
15	64QAM	36	39	21.26	21.04	21.21		
15	64QAM	75	0	21.32	21.12	21.09		
15	256QAM	1	0	19.10	19.02	19.28	20.5	5
15	256QAM	1	37	19.13	19.15	19.09		
15	256QAM	1	74	19.23	19.27	18.95		
15	256QAM	36	0	19.10	19.09	19.09	20.5	5
15	256QAM	36	20	19.30	19.12	19.18		
15	256QAM	36	39	19.38	19.23	19.20		
15	256QAM	75	0	19.20	19.07	19.07		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.08	24.03	24.14	25.5	0
10	QPSK	1	25	24.02	24.10	24.16		
10	QPSK	1	49	24.21	24.24	23.95		
10	QPSK	25	0	23.15	22.98	23.12	24.5	1
10	QPSK	25	12	23.27	23.12	23.11		
10	QPSK	25	25	23.29	23.24	23.33		
10	QPSK	50	0	23.25	23.02	23.20		
10	16QAM	1	0	23.48	23.38	23.27	24.5	1
10	16QAM	1	25	23.34	23.12	23.34		
10	16QAM	1	49	23.46	23.40	23.12		
10	16QAM	25	0	22.27	22.19	22.21	23.5	2
10	16QAM	25	12	22.33	22.21	22.14		
10	16QAM	25	25	22.28	22.22	22.39		
10	16QAM	50	0	22.19	22.16	22.19		
10	64QAM	1	0	22.44	22.39	22.36	23.5	2
10	64QAM	1	25	22.58	22.22	22.26		
10	64QAM	1	49	22.52	22.44	22.34		
10	64QAM	25	0	21.17	21.17	21.07	22.5	3
10	64QAM	25	12	21.24	21.17	21.19		
10	64QAM	25	25	21.31	21.15	21.41		
10	64QAM	50	0	21.26	21.23	21.14		
10	256QAM	1	0	19.14	19.01	19.03	20.5	5
10	256QAM	1	25	19.10	19.04	19.14		
10	256QAM	1	49	19.20	19.28	18.91		
10	256QAM	25	0	19.18	18.99	19.11	20.5	5
10	256QAM	25	12	19.36	19.22	19.06		
10	256QAM	25	25	19.33	19.12	19.30		
10	256QAM	50	0	19.23	19.03	19.09		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.06	24.10	24.23	25.5	0
5	QPSK	1	12	24.04	24.03	24.15		
5	QPSK	1	24	24.13	24.21	24.01		
5	QPSK	12	0	23.15	23.00	23.08	24.5	1
5	QPSK	12	7	23.24	23.19	23.11		
5	QPSK	12	13	23.32	23.24	23.26		
5	QPSK	25	0	23.16	23.12	23.18		
5	16QAM	1	0	23.49	23.31	23.27	24.5	1
5	16QAM	1	12	23.33	23.17	23.40		
5	16QAM	1	24	23.43	23.42	23.21		
5	16QAM	12	0	22.28	22.15	22.22	23.5	2
5	16QAM	12	7	22.30	22.20	22.10		
5	16QAM	12	13	22.34	22.27	22.36		
5	16QAM	25	0	22.16	22.13	22.27		
5	64QAM	1	0	22.35	22.39	22.28	23.5	2
5	64QAM	1	12	22.43	22.20	22.21		
5	64QAM	1	24	22.50	22.48	22.35		
5	64QAM	12	0	21.20	21.26	21.01	22.5	3
5	64QAM	12	7	21.14	21.21	21.14		
5	64QAM	12	13	21.29	21.06	21.36		
5	64QAM	25	0	21.24	21.21	21.21		
5	256QAM	1	0	19.06	19.10	19.23	20.5	5
5	256QAM	1	12	19.04	19.03	19.15		
5	256QAM	1	24	19.13	19.21	19.01		
5	256QAM	12	0	19.15	19.00	19.08	20.5	5
5	256QAM	12	7	19.24	19.19	19.11		
5	256QAM	12	13	19.32	19.24	19.26		
5	256QAM	25	0	19.16	19.12	19.18		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.27	24.29	24.24	25.5	0
20	QPSK	1	49	24.23	24.22	24.19		
20	QPSK	1	99	24.15	24.08	24.13		
20	QPSK	50	0	23.26	23.31	23.17	24.5	1
20	QPSK	50	24	23.26	23.20	23.16		
20	QPSK	50	50	23.25	23.23	23.19		
20	QPSK	100	0	23.27	23.20	23.14		
20	16QAM	1	0	23.43	23.34	23.29	24.5	1
20	16QAM	1	49	23.54	23.32	23.32		
20	16QAM	1	99	23.19	23.20	23.27		
20	16QAM	50	0	22.25	22.24	22.18	23.5	2
20	16QAM	50	24	22.33	22.31	22.17		
20	16QAM	50	50	22.26	22.22	22.23		
20	16QAM	100	0	22.29	22.26	22.15		
20	64QAM	1	0	22.46	22.40	22.24	23.5	2
20	64QAM	1	49	22.57	22.44	22.34		
20	64QAM	1	99	22.27	22.30	22.23		
20	64QAM	50	0	21.24	21.23	21.20	22.5	3
20	64QAM	50	24	21.33	21.31	21.17		
20	64QAM	50	50	21.27	21.23	21.21		
20	64QAM	100	0	21.30	21.25	21.15		
20	256QAM	1	0	19.11	19.31	19.05	20.5	5
20	256QAM	1	49	18.95	19.34	19.14		
20	256QAM	1	99	19.25	19.08	19.08		
20	256QAM	50	0	19.19	19.25	19.05	20.5	5
20	256QAM	50	24	19.36	19.26	19.31		
20	256QAM	50	50	19.29	19.38	19.08		
20	256QAM	100	0	19.37	19.14	19.07		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.10	24.19	24.07	25.5	0
15	QPSK	1	37	24.05	24.07	24.06		
15	QPSK	1	74	24.13	24.06	24.03		
15	QPSK	36	0	23.12	22.97	22.98	24.5	1
15	QPSK	36	20	23.22	23.11	23.09		
15	QPSK	36	39	23.04	23.18	23.00		
15	QPSK	75	0	23.04	23.23	22.92		
15	16QAM	1	0	23.19	23.32	23.05	24.5	1
15	16QAM	1	37	23.30	23.18	23.18		
15	16QAM	1	74	23.01	23.23	23.08		
15	16QAM	36	0	22.08	22.20	22.09	23.5	2
15	16QAM	36	20	22.24	22.26	21.93		
15	16QAM	36	39	22.07	22.16	22.24		
15	16QAM	75	0	22.28	22.20	22.03		
15	64QAM	1	0	22.28	22.20	22.15	23.5	2
15	64QAM	1	37	22.38	22.32	22.14		
15	64QAM	1	74	22.04	22.06	22.06		
15	64QAM	36	0	21.13	21.13	21.10	22.5	3
15	64QAM	36	20	21.11	21.10	20.97		
15	64QAM	36	39	21.10	21.12	21.07		
15	64QAM	75	0	21.11	21.00	21.16		
15	256QAM	1	0	19.09	19.34	19.06	20.5	5
15	256QAM	1	37	19.04	19.27	19.23		
15	256QAM	1	74	19.30	19.07	19.09		
15	256QAM	36	0	19.20	19.29	19.12	20.5	5
15	256QAM	36	20	19.31	19.34	19.25		
15	256QAM	36	39	19.39	19.32	19.04		
15	256QAM	75	0	19.34	19.15	19.13		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.20	24.15	24.16	25.5	0
10	QPSK	1	25	24.04	24.05	24.16		
10	QPSK	1	49	24.18	24.10	23.93		
10	QPSK	25	0	23.23	23.19	23.04	24.5	1
10	QPSK	25	12	23.26	23.10	23.17		
10	QPSK	25	25	23.12	23.21	23.06		
10	QPSK	50	0	23.22	23.21	22.95		
10	16QAM	1	0	23.26	23.25	23.18	24.5	1
10	16QAM	1	25	23.31	23.17	23.15		
10	16QAM	1	49	23.02	23.23	23.25		
10	16QAM	25	0	22.12	22.18	22.05	23.5	2
10	16QAM	25	12	22.32	22.17	22.13		
10	16QAM	25	25	22.03	22.25	22.23		
10	16QAM	50	0	22.13	22.21	21.99		
10	64QAM	1	0	22.28	22.34	22.03	23.5	2
10	64QAM	1	25	22.36	22.20	22.37		
10	64QAM	1	49	22.09	22.28	22.07		
10	64QAM	25	0	21.28	21.13	21.03	22.5	3
10	64QAM	25	12	21.15	21.21	21.15		
10	64QAM	25	25	21.23	21.00	21.25		
10	64QAM	50	0	21.18	21.02	21.11		
10	256QAM	1	0	19.15	19.36	18.97	20.5	5
10	256QAM	1	25	19.07	19.32	19.19		
10	256QAM	1	49	19.29	19.08	19.13		
10	256QAM	25	0	19.16	19.21	19.07	20.5	5
10	256QAM	25	12	19.27	19.33	19.36		
10	256QAM	25	25	19.37	19.32	19.11		
10	256QAM	50	0	19.26	19.15	19.07		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.20	24.10	24.06	25.5	0
5	QPSK	1	12	24.10	24.08	24.21		
5	QPSK	1	24	24.10	24.10	23.98		
5	QPSK	12	0	23.10	23.08	22.98	24.5	1
5	QPSK	12	7	23.14	23.10	23.14		
5	QPSK	12	13	23.29	23.11	23.14		
5	QPSK	25	0	23.09	23.23	23.01		
5	16QAM	1	0	23.33	23.24	23.20	24.5	1
5	16QAM	1	12	23.32	23.18	23.30		
5	16QAM	1	24	22.99	23.00	23.13		
5	16QAM	12	0	22.01	22.14	21.93	23.5	2
5	16QAM	12	7	22.12	22.12	22.01		
5	16QAM	12	13	22.18	22.07	22.21		
5	16QAM	25	0	22.32	22.26	21.97		
5	64QAM	1	0	22.40	22.30	22.13	23.5	2
5	64QAM	1	12	22.35	22.35	22.02		
5	64QAM	1	24	22.15	22.24	22.05		
5	64QAM	12	0	21.26	21.09	20.97	22.5	3
5	64QAM	12	7	21.11	21.32	21.22		
5	64QAM	12	13	21.03	21.10	20.97		
5	64QAM	25	0	21.28	21.18	21.12		
5	256QAM	1	0	19.15	19.31	18.98	20.5	5
5	256QAM	1	12	19.06	19.27	19.16		
5	256QAM	1	24	19.20	19.06	19.18		
5	256QAM	12	0	19.22	19.25	19.11	20.5	5
5	256QAM	12	7	19.30	19.38	19.29		
5	256QAM	12	13	19.36	19.36	19.11		
5	256QAM	25	0	19.35	19.16	19.10		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	24.09	24.08	24.20	25.5	0
3	QPSK	1	8	24.22	24.22	23.99		
3	QPSK	1	14	24.11	23.95	24.00		
3	QPSK	8	0	23.20	23.25	23.07	24.5	1
3	QPSK	8	4	23.06	23.16	23.02		
3	QPSK	8	7	23.29	23.03	23.14		
3	QPSK	15	0	23.24	23.19	23.15		
3	16QAM	1	0	23.26	23.03	23.26	24.5	1
3	16QAM	1	8	22.98	23.14	23.21		
3	16QAM	1	14	23.18	23.20	23.05		
3	16QAM	8	0	22.15	22.22	21.95	23.5	2
3	16QAM	8	4	22.15	22.17	22.11		
3	16QAM	8	7	22.19	22.04	22.06		
3	16QAM	15	0	22.28	22.29	22.06		
3	64QAM	1	0	22.17	22.14	22.10	23.5	2
3	64QAM	1	8	22.24	21.94	22.26		
3	64QAM	1	14	22.04	22.24	22.19		
3	64QAM	8	0	21.12	21.02	21.15	22.5	3
3	64QAM	8	4	21.32	21.09	20.99		
3	64QAM	8	7	21.05	21.11	20.98		
3	64QAM	15	0	21.21	21.29	20.98		
3	256QAM	1	0	19.09	19.27	19.03	20.5	5
3	256QAM	1	8	19.03	19.30	19.21		
3	256QAM	1	14	19.20	19.01	19.09		
3	256QAM	8	0	19.16	19.31	19.03	20.5	5
3	256QAM	8	4	19.28	19.26	19.22		
3	256QAM	8	7	19.39	19.31	19.08		
3	256QAM	15	0	19.30	19.12	19.15		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.10	24.10	23.88	25.5	0
1.4	QPSK	1	3	24.05	23.86	24.00		
1.4	QPSK	1	5	23.94	24.10	23.75		
1.4	QPSK	3	0	24.10	23.93	24.19		
1.4	QPSK	3	1	24.11	23.99	23.92		
1.4	QPSK	3	3	23.96	23.85	23.89		
1.4	QPSK	6	0	23.04	23.11	22.95	24.5	1
1.4	16QAM	1	0	22.98	23.05	22.86	24.5	1
1.4	16QAM	1	3	23.17	22.83	23.17		
1.4	16QAM	1	5	23.07	23.07	23.01		
1.4	16QAM	3	0	23.13	23.01	23.01		
1.4	16QAM	3	1	22.87	23.13	23.02		
1.4	16QAM	3	3	23.16	23.17	23.06		
1.4	16QAM	6	0	22.08	22.08	21.95	23.5	2
1.4	64QAM	1	0	22.02	22.17	21.97	23.5	2
1.4	64QAM	1	3	22.13	21.96	21.82		
1.4	64QAM	1	5	22.21	22.12	22.08		
1.4	64QAM	3	0	22.12	21.91	21.92		
1.4	64QAM	3	1	22.01	21.89	22.05		
1.4	64QAM	3	3	21.97	22.12	22.13		
1.4	64QAM	6	0	21.05	20.91	21.13	22.5	3
1.4	256QAM	1	0	19.10	19.26	19.06	20.5	5
1.4	256QAM	1	3	18.95	19.22	19.10		
1.4	256QAM	1	5	19.24	19.09	19.11		
1.4	256QAM	3	0	19.23	19.20	19.09		
1.4	256QAM	3	1	19.37	19.34	19.25		
1.4	256QAM	3	3	19.30	19.40	19.09		
1.4	256QAM	6	0	19.34	19.21	19.13	20.5	5

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BW [MHz]	Modulation	\	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132222	132372		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.42	24.48	24.40	25.5	0
20	QPSK	1	49	24.45	24.33	24.44		
20	QPSK	1	99	24.38	24.39	24.41		
20	QPSK	50	0	23.39	23.53	23.36	24.5	1
20	QPSK	50	24	23.37	23.43	23.35		
20	QPSK	50	50	23.36	23.39	23.42		
20	QPSK	100	0	23.39	23.45	23.36		
20	16QAM	1	0	23.62	23.79	23.73	24.5	1
20	16QAM	1	49	23.52	23.49	23.77		
20	16QAM	1	99	23.64	23.55	23.41		
20	16QAM	50	0	22.41	22.40	22.40	23.5	2
20	16QAM	50	24	22.46	22.41	22.40		
20	16QAM	50	50	22.25	22.45	22.36		
20	16QAM	100	0	22.35	22.38	22.39		
20	64QAM	1	0	22.41	22.61	22.70	23.5	2
20	64QAM	1	49	22.54	22.76	22.72		
20	64QAM	1	99	22.48	22.51	22.43		
20	64QAM	50	0	21.34	21.40	21.29	22.5	3
20	64QAM	50	24	21.38	21.46	21.38		
20	64QAM	50	50	21.34	21.37	21.41		
20	64QAM	100	0	21.38	21.33	21.32		
20	256QAM	1	0	19.42	19.42	19.35	20.5	5
20	256QAM	1	49	19.37	19.38	19.46		
20	256QAM	1	99	19.31	19.44	19.48		
20	256QAM	50	0	19.47	19.50	19.29	20.5	5
20	256QAM	50	24	19.35	19.34	19.24		
20	256QAM	50	50	19.42	19.44	19.44		
20	256QAM	100	0	19.43	19.40	19.38		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.28	24.14	24.24	25.5	0
15	QPSK	1	37	24.20	24.38	24.27		
15	QPSK	1	74	24.44	24.23	24.16		
15	QPSK	36	0	23.21	23.25	23.21	24.5	1
15	QPSK	36	20	23.21	23.28	23.17		
15	QPSK	36	39	23.11	23.18	23.32		
15	QPSK	75	0	23.15	23.19	23.18		
15	16QAM	1	0	23.43	23.54	23.55	24.5	1
15	16QAM	1	37	23.31	23.29	23.59		
15	16QAM	1	74	23.40	23.41	23.21		
15	16QAM	36	0	22.21	22.26	22.15	23.5	2
15	16QAM	36	20	22.21	22.16	22.33		
15	16QAM	36	39	22.02	22.26	22.11		
15	16QAM	75	0	22.15	22.15	22.22		
15	64QAM	1	0	22.27	22.41	22.46	23.5	2
15	64QAM	1	37	22.35	22.51	22.53		
15	64QAM	1	74	22.26	22.34	22.23		
15	64QAM	36	0	21.13	21.23	21.05	22.5	3
15	64QAM	36	20	21.20	21.31	21.19		
15	64QAM	36	39	21.14	21.22	21.15		
15	64QAM	75	0	21.16	21.15	21.09		
15	256QAM	1	0	19.39	19.04	19.35	20.5	5
15	256QAM	1	37	19.20	19.34	19.38		
15	256QAM	1	74	19.33	19.14	19.20		
15	256QAM	36	0	19.29	19.19	19.27	20.5	5
15	256QAM	36	20	19.11	19.31	19.17		
15	256QAM	36	39	19.02	19.17	19.24		
15	256QAM	75	0	19.15	19.26	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	24.19	24.14	24.19	25.5	0
10	QPSK	1	25	24.23	24.46	24.22		
10	QPSK	1	49	24.36	24.14	24.21		
10	QPSK	25	0	23.14	23.26	23.15	24.5	1
10	QPSK	25	12	23.19	23.23	23.14		
10	QPSK	25	25	23.16	23.22	23.35		
10	QPSK	50	0	23.20	23.15	23.18		
10	16QAM	1	0	23.36	23.53	23.48	24.5	1
10	16QAM	1	25	23.27	23.26	23.61		
10	16QAM	1	49	23.44	23.40	23.22		
10	16QAM	25	0	22.26	22.25	22.15	23.5	2
10	16QAM	25	12	22.26	22.22	22.27		
10	16QAM	25	25	22.08	22.30	22.14		
10	16QAM	50	0	22.16	22.18	22.23		
10	64QAM	1	0	22.23	22.47	22.56	23.5	2
10	64QAM	1	25	22.35	22.60	22.46		
10	64QAM	1	49	22.30	22.35	22.28		
10	64QAM	25	0	21.17	21.14	21.04	22.5	3
10	64QAM	25	12	21.20	21.30	21.19		
10	64QAM	25	25	21.14	21.15	21.24		
10	64QAM	50	0	21.17	21.15	21.10		
10	256QAM	1	0	19.09	19.12	19.21	20.5	5
10	256QAM	1	25	19.12	19.39	19.33		
10	256QAM	1	49	19.26	19.18	19.23		
10	256QAM	25	0	19.16	19.25	19.09	20.5	5
10	256QAM	25	12	19.24	19.20	19.11		
10	256QAM	25	25	19.05	19.15	19.44		
10	256QAM	50	0	19.30	19.11	19.14		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.21	24.13	24.24	25.5	0
5	QPSK	1	12	24.27	24.38	24.27		
5	QPSK	1	24	24.38	24.21	24.15		
5	QPSK	12	0	23.14	23.20	23.21	24.5	1
5	QPSK	12	7	23.18	23.19	23.16		
5	QPSK	12	13	23.15	23.23	23.33		
5	QPSK	25	0	23.19	23.15	23.25		
5	16QAM	1	0	23.44	23.56	23.52	24.5	1
5	16QAM	1	12	23.26	23.26	23.57		
5	16QAM	1	24	23.42	23.32	23.21		
5	16QAM	12	0	22.25	22.15	22.22	23.5	2
5	16QAM	12	7	22.28	22.23	22.25		
5	16QAM	12	13	22.10	22.27	22.12		
5	16QAM	25	0	22.16	22.19	22.16		
5	64QAM	1	0	22.17	22.39	22.49	23.5	2
5	64QAM	1	12	22.35	22.53	22.49		
5	64QAM	1	24	22.22	22.27	22.23		
5	64QAM	12	0	21.19	21.22	21.13	22.5	3
5	64QAM	12	7	21.18	21.24	21.19		
5	64QAM	12	13	21.10	21.14	21.26		
5	64QAM	25	0	21.12	21.24	21.11		
5	256QAM	1	0	19.32	19.17	19.20	20.5	5
5	256QAM	1	12	19.32	19.41	19.29		
5	256QAM	1	24	19.49	19.11	19.23		
5	256QAM	12	0	19.25	19.22	19.21	20.5	5
5	256QAM	12	7	19.29	19.08	19.14		
5	256QAM	12	13	19.21	19.25	19.40		
5	256QAM	25	0	19.16	19.27	19.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.26	24.18	24.21	25.5	0
3	QPSK	1	8	24.21	24.44	24.21		
3	QPSK	1	14	24.32	24.19	24.19		
3	QPSK	8	0	23.14	23.21	23.12	24.5	1
3	QPSK	8	4	23.14	23.17	23.14		
3	QPSK	8	7	23.13	23.22	23.35		
3	QPSK	15	0	23.20	23.12	23.25		
3	16QAM	1	0	23.47	23.64	23.47	24.5	1
3	16QAM	1	8	23.30	23.27	23.63		
3	16QAM	1	14	23.45	23.34	23.26		
3	16QAM	8	0	22.20	22.18	22.23	23.5	2
3	16QAM	8	4	22.21	22.20	22.31		
3	16QAM	8	7	22.03	22.20	22.21		
3	16QAM	15	0	22.10	22.14	22.15		
3	64QAM	1	0	22.20	22.43	22.49	23.5	2
3	64QAM	1	8	22.28	22.59	22.51		
3	64QAM	1	14	22.32	22.36	22.23		
3	64QAM	8	0	21.12	21.21	21.06	22.5	3
3	64QAM	8	4	21.23	21.27	21.16		
3	64QAM	8	7	21.13	21.19	21.25		
3	64QAM	15	0	21.20	21.07	21.09		
3	256QAM	1	0	19.34	19.09	19.17	20.5	5
3	256QAM	1	8	19.11	19.47	19.16		
3	256QAM	1	14	19.24	19.30	19.22		
3	256QAM	8	0	19.09	19.16	19.04	20.5	5
3	256QAM	8	4	19.22	19.16	19.10		
3	256QAM	8	7	19.04	19.13	19.25		
3	256QAM	15	0	19.12	19.12	19.18		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.16	24.35	24.15	25.5	0
1.4	QPSK	1	3	24.04	24.34	24.11		
1.4	QPSK	1	5	24.16	24.16	24.17		
1.4	QPSK	3	0	24.02	24.21	24.04		
1.4	QPSK	3	1	24.09	24.24	24.01		
1.4	QPSK	3	3	24.08	24.08	23.98		
1.4	QPSK	6	0	22.91	22.99	23.07	24.5	1
1.4	16QAM	1	0	23.15	23.18	23.02	24.5	1
1.4	16QAM	1	3	23.08	23.10	23.16		
1.4	16QAM	1	5	23.16	23.01	23.04		
1.4	16QAM	3	0	23.28	23.40	23.33		
1.4	16QAM	3	1	23.10	23.26	23.47		
1.4	16QAM	3	3	23.33	23.33	23.08		
1.4	16QAM	6	0	22.22	22.11	21.99	23.5	2
1.4	64QAM	1	0	21.97	22.19	22.23	23.5	2
1.4	64QAM	1	3	21.98	22.22	22.25		
1.4	64QAM	1	5	21.88	22.12	22.03		
1.4	64QAM	3	0	21.99	22.38	22.24		
1.4	64QAM	3	1	22.32	22.34	22.31		
1.4	64QAM	3	3	22.09	22.38	22.00		
1.4	64QAM	6	0	21.13	21.17	20.98	22.5	3
1.4	256QAM	1	0	19.27	19.24	19.17	20.5	5
1.4	256QAM	1	3	19.13	19.27	19.13		
1.4	256QAM	1	5	19.22	19.10	19.26		
1.4	256QAM	3	0	20.10	20.22	20.02		
1.4	256QAM	3	1	20.19	20.16	19.96		
1.4	256QAM	3	3	20.16	20.01	19.86		
1.4	256QAM	6	0	18.94	19.04	18.98	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.03	24.32	24.13	25.5	0
20	QPSK	1	49	24.24	24.21	24.03		
20	QPSK	1	99	24.12	24.11	24.05		
20	QPSK	50	0	23.14	23.24	23.10	24.5	1
20	QPSK	50	24	23.19	23.12	23.09		
20	QPSK	50	50	23.00	23.20	23.14		
20	QPSK	100	0	23.17	23.18	23.06		
20	16QAM	1	0	23.10	23.20	23.16	24.5	1
20	16QAM	1	49	23.31	23.36	23.01		
20	16QAM	1	99	23.16	23.19	23.07		
20	16QAM	50	0	22.01	22.09	22.04	23.5	2
20	16QAM	50	24	22.18	22.17	22.15		
20	16QAM	50	50	22.26	22.25	21.96		
20	16QAM	100	0	22.18	22.10	22.07		
20	64QAM	1	0	22.04	22.16	22.35	23.5	2
20	64QAM	1	49	22.21	22.33	22.12		
20	64QAM	1	99	22.20	22.16	22.06		
20	64QAM	50	0	21.02	21.05	21.22	22.5	3
20	64QAM	50	24	21.33	21.17	21.16		
20	64QAM	50	50	21.17	21.20	21.07		
20	64QAM	100	0	21.17	21.21	21.07		
20	256QAM	1	0	19.08	19.31	19.01	20.5	5
20	256QAM	1	49	19.21	19.16	19.08		
20	256QAM	1	99	19.18	19.07	19.12		
20	256QAM	50	0	19.21	19.15	19.06	20.5	5
20	256QAM	50	24	19.22	19.09	19.10		
20	256QAM	50	50	18.92	19.17	19.21		
20	256QAM	100	0	19.12	19.20	18.97		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.90	23.87	23.99	25.5	0
15	QPSK	1	37	24.19	24.15	23.87		
15	QPSK	1	74	24.16	23.99	23.92		
15	QPSK	36	0	22.99	22.97	23.04	24.5	1
15	QPSK	36	20	23.05	22.96	22.95		
15	QPSK	36	39	23.09	23.12	23.00		
15	QPSK	75	0	23.15	23.02	22.97		
15	16QAM	1	0	22.96	23.14	23.10	24.5	1
15	16QAM	1	37	23.22	23.22	22.85		
15	16QAM	1	74	23.05	23.14	22.92		
15	16QAM	36	0	21.85	22.00	21.89	23.5	2
15	16QAM	36	20	22.04	22.08	22.08		
15	16QAM	36	39	22.20	22.16	21.82		
15	16QAM	75	0	22.06	21.99	21.94		
15	64QAM	1	0	21.94	22.10	22.26	23.5	2
15	64QAM	1	37	22.07	22.28	22.07		
15	64QAM	1	74	22.04	22.08	21.98		
15	64QAM	36	0	20.88	20.93	21.16	22.5	3
15	64QAM	36	20	21.23	21.09	21.00		
15	64QAM	36	39	21.08	21.08	21.01		
15	64QAM	75	0	21.11	21.14	20.93		
15	256QAM	1	0	18.95	18.98	18.87	20.5	5
15	256QAM	1	37	19.13	19.14	18.84		
15	256QAM	1	74	19.12	18.90	18.82		
15	256QAM	36	0	18.91	18.91	19.05	20.5	5
15	256QAM	36	20	19.00	19.07	18.90		
15	256QAM	36	39	19.01	19.02	18.94		
15	256QAM	75	0	19.11	18.98	18.91		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.99	24.00	24.01	25.5	0
10	QPSK	1	25	24.17	24.15	23.94		
10	QPSK	1	49	24.28	24.05	23.97		
10	QPSK	25	0	23.04	22.92	22.97	24.5	1
10	QPSK	25	12	23.14	22.96	23.03		
10	QPSK	25	25	23.20	23.04	23.08		
10	QPSK	50	0	23.13	23.04	22.98		
10	16QAM	1	0	22.99	23.08	23.01	24.5	1
10	16QAM	1	25	23.24	23.26	22.95		
10	16QAM	1	49	23.08	23.14	23.03		
10	16QAM	25	0	21.92	21.95	21.88	23.5	2
10	16QAM	25	12	22.04	22.09	22.07		
10	16QAM	25	25	22.14	22.19	21.82		
10	16QAM	50	0	22.06	21.98	21.91		
10	64QAM	1	0	21.93	22.08	22.23	23.5	2
10	64QAM	1	25	22.08	22.19	22.05		
10	64QAM	1	49	22.15	22.01	21.99		
10	64QAM	25	0	20.89	20.94	21.08	22.5	3
10	64QAM	25	12	21.19	21.08	21.11		
10	64QAM	25	25	21.12	21.16	20.97		
10	64QAM	50	0	21.05	21.07	20.98		
10	256QAM	1	0	19.00	19.02	18.96	20.5	5
10	256QAM	1	25	19.18	19.20	18.94		
10	256QAM	1	49	19.32	18.96	19.00		
10	256QAM	25	0	19.09	18.98	18.93	20.5	5
10	256QAM	25	12	19.11	19.06	19.02		
10	256QAM	25	25	19.09	18.94	19.17		
10	256QAM	50	0	19.25	18.93	18.89		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.95	23.88	23.98	25.5	0
5	QPSK	1	12	24.09	24.14	23.96		
5	QPSK	1	24	24.22	23.95	23.97		
5	QPSK	12	0	23.08	22.99	22.99	24.5	1
5	QPSK	12	7	23.05	23.05	23.02		
5	QPSK	12	13	23.17	23.07	23.03		
5	QPSK	25	0	23.11	23.13	22.93		
5	16QAM	1	0	23.00	23.15	23.03	24.5	1
5	16QAM	1	12	23.19	23.27	22.97		
5	16QAM	1	24	23.03	23.07	23.01		
5	16QAM	12	0	21.97	22.01	21.96	23.5	2
5	16QAM	12	7	22.03	22.03	22.02		
5	16QAM	12	13	22.15	22.11	21.86		
5	16QAM	25	0	22.08	21.98	22.02		
5	64QAM	1	0	21.92	22.10	22.22	23.5	2
5	64QAM	1	12	22.06	22.24	22.03		
5	64QAM	1	24	22.11	22.01	21.98		
5	64QAM	12	0	20.96	20.98	21.18	22.5	3
5	64QAM	12	7	21.27	21.07	21.01		
5	64QAM	12	13	21.04	21.08	20.92		
5	64QAM	25	0	21.12	21.13	20.95		
5	256QAM	1	0	18.96	18.82	18.90	20.5	5
5	256QAM	1	12	19.18	19.05	18.85		
5	256QAM	1	24	19.21	19.04	18.96		
5	256QAM	12	0	18.98	18.96	19.00	20.5	5
5	256QAM	12	7	19.01	19.06	19.11		
5	256QAM	12	13	19.10	19.03	19.15		
5	256QAM	25	0	19.07	19.05	19.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.35	24.17	24.37	24.16	24.15	25.5	0
20	QPSK	1	49	24.29	24.11	24.18	24.05	24.05		
20	QPSK	1	99	24.21	24.23	24.19	24.18	24.05		
20	QPSK	50	0	23.27	23.14	23.39	23.09	23.21	24.5	1
20	QPSK	50	24	23.32	23.21	23.29	23.08	23.34		
20	QPSK	50	50	23.32	23.19	23.31	23.08	23.09		
20	QPSK	100	0	23.30	23.21	23.32	23.02	23.12		
20	16QAM	1	0	23.09	23.17	23.08	23.24	23.26	24.5	1
20	16QAM	1	49	23.28	23.01	23.04	23.16	23.14		
20	16QAM	1	99	23.33	23.19	23.24	23.09	23.08		
20	16QAM	50	0	22.18	22.09	22.33	22.14	22.34	23.5	2
20	16QAM	50	24	22.33	22.24	22.39	22.15	22.17		
20	16QAM	50	50	22.28	22.22	22.26	22.04	22.13		
20	16QAM	100	0	22.26	22.30	22.38	22.07	22.00		
20	64QAM	1	0	22.37	22.10	22.17	22.11	22.21	23.5	2
20	64QAM	1	49	22.30	22.24	22.37	22.29	22.04		
20	64QAM	1	99	22.07	22.01	22.29	22.01	22.06		
20	64QAM	50	0	21.32	21.15	21.29	21.19	21.06	22.5	3
20	64QAM	50	24	21.25	21.24	21.34	21.06	21.01		
20	64QAM	50	50	21.23	21.24	21.32	21.05	21.13		
20	64QAM	100	0	21.24	21.16	21.32	21.15	21.10		
20	256QAM	1	0	19.26	19.10	19.29	19.14	19.25	20.5	5
20	256QAM	1	49	19.31	19.23	19.18	18.99	18.94		
20	256QAM	1	99	19.29	19.33	19.15	19.13	19.14		
20	256QAM	50	0	19.36	19.04	19.31	19.03	19.32	20.5	5
20	256QAM	50	24	19.30	19.10	19.23	19.04	19.31		
20	256QAM	50	50	19.36	19.11	19.38	19.09	19.13		
20	256QAM	100	0	19.20	19.24	19.25	19.03	19.23		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.30	24.12	24.23	24.04	24.03	25.50	0
15	QPSK	1	37	24.15	24.06	24.13	24.16	24.00		
15	QPSK	1	74	24.07	24.14	24.07	24.09	24.09		
15	QPSK	36	0	23.11	23.00	23.23	22.94	23.11	24.5	1
15	QPSK	36	20	23.28	23.16	23.21	22.97	23.24		
15	QPSK	36	39	23.24	23.10	23.20	22.99	22.96		
15	QPSK	75	0	23.23	23.10	23.14	22.91	23.04		
15	16QAM	1	0	23.03	23.07	22.92	23.17	23.13	24.5	1
15	16QAM	1	37	23.15	22.95	22.97	23.01	23.07		
15	16QAM	1	74	23.21	23.03	23.15	23.02	22.98		
15	16QAM	36	0	22.06	22.05	22.24	21.99	22.28	23.5	2
15	16QAM	36	20	22.19	22.19	22.26	22.02	22.07		
15	16QAM	36	39	22.22	22.09	22.19	21.90	22.07		
15	16QAM	75	0	22.12	22.16	22.30	22.28	22.21		
15	64QAM	1	0	22.23	22.05	22.02	21.99	22.06	23.5	2
15	64QAM	1	37	22.17	22.14	22.21	22.13	21.95		
15	64QAM	1	74	21.92	21.94	22.15	21.92	21.93		
15	64QAM	36	0	21.21	21.05	21.24	21.08	20.97	22.5	3
15	64QAM	36	20	21.12	21.11	21.26	20.95	20.93		
15	64QAM	36	39	21.08	21.16	21.24	20.97	20.98		
15	64QAM	75	0	21.10	21.08	21.24	21.09	21.00		
15	256QAM	1	0	19.22	19.09	19.19	19.01	19.02	20.5	5
15	256QAM	1	37	19.24	19.03	19.21	19.23	18.96		
15	256QAM	1	74	19.05	19.02	19.01	18.98	19.00		
15	256QAM	36	0	19.11	19.01	19.17	19.00	19.04	20.5	5
15	256QAM	36	20	19.28	19.12	19.32	19.08	19.28		
15	256QAM	36	39	19.24	19.16	19.26	19.07	19.02		
15	256QAM	75	0	19.12	19.18	19.14	18.89	18.93		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.23	24.12	24.32	24.12	24.07	25.50	0
10	QPSK	1	25	24.17	24.00	24.12	23.95	23.99		
10	QPSK	1	49	24.13	24.13	24.11	24.07	23.99		
10	QPSK	25	0	23.17	23.06	23.27	22.99	23.09	24.5	1
10	QPSK	25	12	23.24	23.06	23.14	22.97	23.34		
10	QPSK	25	25	23.16	23.14	23.25	22.99	23.04		
10	QPSK	50	0	23.21	23.14	23.20	22.96	23.03		
10	16QAM	1	0	22.95	23.06	22.96	23.11	23.19	24.5	1
10	16QAM	1	25	23.20	22.88	22.89	23.05	23.08		
10	16QAM	1	49	23.26	23.13	23.13	23.04	23.00		
10	16QAM	25	0	22.14	21.95	22.19	22.01	22.25	23.5	2
10	16QAM	25	12	22.18	22.17	22.24	22.09	22.03		
10	16QAM	25	25	22.24	22.12	22.17	21.90	22.02		
10	16QAM	50	0	22.15	22.17	22.34	22.01	22.17		
10	64QAM	1	0	22.21	21.95	22.07	21.97	22.08	23.5	2
10	64QAM	1	25	22.19	22.16	22.29	22.22	21.92		
10	64QAM	1	49	22.02	21.95	22.24	21.92	21.99		
10	64QAM	25	0	21.17	21.00	21.13	21.10	20.93	22.5	3
10	64QAM	25	12	21.21	21.18	21.19	20.95	20.89		
10	64QAM	25	25	21.16	21.19	21.26	20.97	20.98		
10	64QAM	50	0	21.19	21.05	21.21	21.02	20.98		
10	256QAM	1	0	19.16	19.05	19.24	19.22	19.01	20.5	5
10	256QAM	1	25	19.14	18.98	19.14	18.96	19.08		
10	256QAM	1	49	19.10	19.11	19.20	19.03	18.90		
10	256QAM	25	0	19.23	19.01	19.18	19.05	19.04	20.5	5
10	256QAM	25	12	19.26	19.15	19.05	19.07	19.22		
10	256QAM	25	25	19.14	19.12	19.26	18.89	19.11		
10	256QAM	50	0	19.10	19.12	19.19	18.94	19.07		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.22	24.08	24.33	24.02	24.04	25.50	0
5	QPSK	1	12	24.15	24.05	24.11	24.31	24.28		
5	QPSK	1	24	24.07	24.15	24.10	24.13	24.14		
5	QPSK	12	0	23.13	23.00	23.22	23.01	23.06	24.5	1
5	QPSK	12	7	23.28	23.07	23.24	23.25	23.23		
5	QPSK	12	13	23.16	23.04	23.16	23.01	22.97		
5	QPSK	25	0	23.22	23.17	23.23	22.92	22.98		
5	16QAM	1	0	23.01	23.03	23.00	23.09	23.22	24.5	1
5	16QAM	1	12	23.16	22.95	22.93	23.00	22.99		
5	16QAM	1	24	23.18	23.08	23.10	22.95	22.96		
5	16QAM	12	0	22.06	21.93	22.19	22.04	22.19	23.5	2
5	16QAM	12	7	22.20	22.19	22.25	22.04	22.05		
5	16QAM	12	13	22.22	22.08	22.19	21.91	22.06		
5	16QAM	25	0	22.21	22.16	22.31	21.92	21.94		
5	64QAM	1	0	22.27	22.03	22.11	22.00	22.10	23.5	2
5	64QAM	1	12	22.21	22.13	22.26	22.23	21.92		
5	64QAM	1	24	21.93	21.96	22.24	21.97	21.93		
5	64QAM	12	0	21.23	21.09	21.19	21.14	20.96	22.5	3
5	64QAM	12	7	21.10	21.18	21.18	20.98	20.96		
5	64QAM	12	13	21.09	21.12	21.19	20.91	21.01		
5	64QAM	25	0	21.12	21.08	21.18	21.00	21.01		
5	256QAM	1	0	19.12	18.99	19.29	19.08	19.03	20.5	5
5	256QAM	1	12	19.09	18.94	19.07	19.27	19.22		
5	256QAM	1	24	19.05	19.23	19.02	19.11	19.22		
5	256QAM	12	0	19.20	18.95	19.14	18.92	19.16	20.5	5
5	256QAM	12	7	19.16	19.07	19.24	19.31	19.19		
5	256QAM	12	13	19.11	19.07	19.22	19.02	18.97		
5	256QAM	25	0	19.16	19.07	19.17	18.87	19.00		

GSM1900 Ant4 DSI4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	29.72	29.53	29.50	30.50	20.72	20.53	20.50	21.50
GPRS 1 Tx slot	29.48	29.77	29.86	30.50	20.48	20.77	20.86	21.50
GPRS 2 Tx slots	26.19	26.07	25.97	27.50	20.19	20.07	19.97	21.50
GPRS 3 Tx slots	24.55	24.77	24.63	25.50	20.29	20.51	20.37	21.24
GPRS 4 Tx slots	23.21	23.38	23.24	24.50	20.21	20.38	20.24	21.50
EDGE 1 Tx slot	25.18	25.59	25.25	26.50	16.18	16.59	16.25	17.50
EDGE 2 Tx slots	21.97	22.08	22.22	23.00	15.97	16.08	16.22	17.00
EDGE 3 Tx slots	20.22	20.64	20.39	21.50	15.96	16.38	16.13	17.24
EDGE 4 Tx slots	18.71	18.97	18.92	20.50	15.71	15.97	15.92	17.50

WCDMA II Ant4 DSI4 / WCDMA IV Ant4 DSI4

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.87	23.92	23.64	25.00	23.85	23.97	23.95	25.00
3GPP Rel 99	RMC 12.2Kbps	23.95	24.03	23.78	25.00	23.92	24.06	24.01	25.00
3GPP Rel 6	HSDPA Subtest-1	23.31	22.90	23.31	24.00	22.96	22.72	22.93	24.00
3GPP Rel 6	HSDPA Subtest-2	23.34	22.87	23.34	24.00	22.65	22.94	22.63	24.00
3GPP Rel 6	HSDPA Subtest-3	22.81	22.42	22.81	23.50	22.43	22.37	22.21	23.50
3GPP Rel 6	HSDPA Subtest-4	22.78	22.38	22.78	23.50	22.21	22.46	22.08	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.17	22.90	23.20	24.00	22.97	22.78	22.91	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.17	22.76	23.18	24.00	22.60	22.90	22.62	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.74	22.27	22.66	23.50	22.37	22.29	22.15	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.60	22.28	22.73	23.50	22.33	22.47	22.25	23.50
3GPP Rel 6	HSUPA Subtest-1	23.33	22.91	22.85	24.00	22.66	22.71	22.93	24.00
3GPP Rel 6	HSUPA Subtest-2	21.30	20.90	20.88	22.00	20.71	20.66	20.58	22.00
3GPP Rel 6	HSUPA Subtest-3	22.30	21.90	21.83	23.00	21.70	22.04	21.78	23.00
3GPP Rel 6	HSUPA Subtest-4	21.31	20.91	20.84	22.00	20.64	20.57	20.59	22.00
3GPP Rel 6	HSUPA Subtest-5	23.30	22.90	22.84	24.00	22.60	22.85	22.79	24.00

Band 2 Ant4 DSI4

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	24.02	24.03	23.81	25.5	0
20	QPSK	1	49	23.94	24.00	23.88		
20	QPSK	1	99	23.89	23.95	23.94		
20	QPSK	50	0	22.98	23.24	23.11	24.5	1
20	QPSK	50	24	22.99	23.09	23.08		
20	QPSK	50	50	23.03	23.11	23.18		
20	QPSK	100	0	23.02	23.05	23.03		
20	16QAM	1	0	22.99	23.13	23.08	24.5	1
20	16QAM	1	49	23.17	23.20	23.08		
20	16QAM	1	99	23.23	23.16	23.02		
20	16QAM	50	0	21.89	21.99	22.05	23.5	2
20	16QAM	50	24	22.16	22.08	22.09		
20	16QAM	50	50	22.21	22.13	22.09		
20	16QAM	100	0	21.90	21.94	21.79		
20	64QAM	1	0	22.19	22.09	22.13	23.5	2
20	64QAM	1	49	22.39	22.32	22.29		
20	64QAM	1	99	21.97	22.02	22.13		
20	64QAM	50	0	20.91	20.99	21.10	22.5	3
20	64QAM	50	24	21.00	21.05	21.19		
20	64QAM	50	50	21.21	21.06	20.94		
20	64QAM	100	0	20.94	21.04	20.92		
20	256QAM	1	0	18.95	19.12	18.84	20.5	5
20	256QAM	1	49	19.05	18.91	18.99		
20	256QAM	1	99	18.86	18.84	18.87		
20	256QAM	50	0	19.09	19.30	19.15	20.5	5
20	256QAM	50	24	18.93	19.14	19.00		
20	256QAM	50	50	19.14	19.19	19.22		
20	256QAM	100	0	18.97	19.15	19.11		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.83	23.81	23.83	25.5	0
15	QPSK	1	37	23.95	23.91	23.91		
15	QPSK	1	74	23.76	23.94	23.89		
15	QPSK	36	0	22.81	23.08	23.11	24.5	1
15	QPSK	36	20	22.96	22.90	23.11		
15	QPSK	36	39	22.97	23.01	23.12		
15	QPSK	75	0	22.79	22.95	22.89		
15	16QAM	1	0	22.87	23.12	23.13	24.5	1
15	16QAM	1	37	23.14	23.23	23.03		
15	16QAM	1	74	23.00	22.99	23.07		
15	16QAM	36	0	21.89	21.78	21.99	23.5	2
15	16QAM	36	20	21.96	21.96	22.00		
15	16QAM	36	39	22.08	21.97	22.04		
15	16QAM	75	0	21.77	21.91	21.63		
15	64QAM	1	0	22.23	21.94	21.91	23.5	2
15	64QAM	1	37	22.14	22.07	22.12		
15	64QAM	1	74	22.00	21.90	21.89		
15	64QAM	36	0	20.77	20.85	20.93	22.5	3
15	64QAM	36	20	20.91	20.85	21.04		
15	64QAM	36	39	21.10	21.01	20.97		
15	64QAM	75	0	20.83	20.86	20.73		
15	256QAM	1	0	18.75	18.74	18.92	20.5	5
15	256QAM	1	37	18.88	19.02	18.92		
15	256QAM	1	74	18.80	18.99	18.86		
15	256QAM	36	0	18.92	19.02	19.12	20.5	5
15	256QAM	36	20	18.88	19.00	19.00		
15	256QAM	36	39	19.02	19.11	19.20		
15	256QAM	75	0	18.70	18.84	18.95		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.00	23.90	23.83	25.5	0
10	QPSK	1	25	23.79	23.85	23.85		
10	QPSK	1	49	23.93	23.94	23.97		
10	QPSK	25	0	22.88	22.99	23.15	24.5	1
10	QPSK	25	12	22.96	22.95	23.01		
10	QPSK	25	25	22.89	23.01	23.20		
10	QPSK	50	0	22.80	22.96	22.85		
10	16QAM	1	0	22.88	22.93	23.05	24.5	1
10	16QAM	1	25	22.94	23.00	23.03		
10	16QAM	1	49	23.00	22.93	22.98		
10	16QAM	25	0	21.83	21.91	21.89	23.5	2
10	16QAM	25	12	21.94	21.97	21.89		
10	16QAM	25	25	22.03	22.08	21.96		
10	16QAM	50	0	21.81	21.86	21.70		
10	64QAM	1	0	22.22	22.08	22.03	23.5	2
10	64QAM	1	25	22.20	22.22	22.17		
10	64QAM	1	49	21.89	21.90	22.03		
10	64QAM	25	0	20.85	20.78	21.01	22.5	3
10	64QAM	25	12	20.94	21.05	21.03		
10	64QAM	25	25	21.06	20.97	20.99		
10	64QAM	50	0	20.92	20.82	20.95		
10	256QAM	1	0	18.99	18.84	18.86	20.5	5
10	256QAM	1	25	18.88	18.90	18.96		
10	256QAM	1	49	18.86	18.90	18.92		
10	256QAM	25	0	18.97	18.98	19.12	20.5	5
10	256QAM	25	12	19.07	18.84	19.13		
10	256QAM	25	25	18.85	18.96	19.09		
10	256QAM	50	0	18.75	18.99	18.91		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.87	23.84	23.79	25.5	0
5	QPSK	1	12	23.99	23.93	23.69		
5	QPSK	1	24	23.68	24.00	23.82		
5	QPSK	12	0	22.86	23.10	22.88	24.5	1
5	QPSK	12	7	22.99	23.02	23.13		
5	QPSK	12	13	23.01	22.99	23.18		
5	QPSK	25	0	22.97	22.85	22.84		
5	16QAM	1	0	22.78	23.10	22.97	24.5	1
5	16QAM	1	12	23.08	23.10	23.06		
5	16QAM	1	24	23.15	23.01	22.89		
5	16QAM	12	0	21.76	21.98	22.05	23.5	2
5	16QAM	12	7	21.95	22.03	22.03		
5	16QAM	12	13	22.12	22.05	21.93		
5	16QAM	25	0	21.70	21.87	21.82		
5	64QAM	1	0	22.12	21.99	22.02	23.5	2
5	64QAM	1	12	22.29	22.21	22.18		
5	64QAM	1	24	22.02	22.03	21.96		
5	64QAM	12	0	20.71	20.76	21.06	22.5	3
5	64QAM	12	7	20.90	21.03	21.09		
5	64QAM	12	13	20.97	20.95	20.84		
5	64QAM	25	0	20.79	21.02	20.85		
5	256QAM	1	0	18.96	18.73	18.83	20.5	5
5	256QAM	1	12	18.91	18.83	18.63		
5	256QAM	1	24	18.58	19.02	18.75		
5	256QAM	12	0	18.79	18.99	18.82	20.5	5
5	256QAM	12	7	18.92	18.96	19.17		
5	256QAM	12	13	18.95	18.95	19.17		
5	256QAM	25	0	18.96	18.95	18.84		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.94	23.81	23.69	25.5	0
3	QPSK	1	8	23.76	23.80	23.70		
3	QPSK	1	14	23.84	23.90	23.94		
3	QPSK	8	0	22.95	22.85	22.90	24.5	1
3	QPSK	8	4	22.79	22.86	22.92		
3	QPSK	8	7	22.96	23.02	23.15		
3	QPSK	15	0	22.77	22.85	23.03		
3	16QAM	1	0	23.02	22.89	22.87	24.5	1
3	16QAM	1	8	23.22	23.22	23.05		
3	16QAM	1	14	23.19	23.08	22.93		
3	16QAM	8	0	21.82	21.85	21.92	23.5	2
3	16QAM	8	4	22.03	22.06	22.10		
3	16QAM	8	7	22.13	22.08	21.90		
3	16QAM	15	0	21.86	21.79	21.83		
3	64QAM	1	0	22.05	21.93	22.16	23.5	2
3	64QAM	1	8	22.22	22.14	22.28		
3	64QAM	1	14	21.91	21.94	22.17		
3	64QAM	8	0	20.86	20.99	20.91	22.5	3
3	64QAM	8	4	20.87	21.06	21.02		
3	64QAM	8	7	21.01	20.94	20.86		
3	64QAM	15	0	20.97	21.08	20.78		
3	256QAM	1	0	19.02	18.69	18.77	20.5	5
3	256QAM	1	8	18.64	18.71	18.79		
3	256QAM	1	14	18.72	18.89	18.95		
3	256QAM	8	0	18.86	18.77	18.94	20.5	5
3	256QAM	8	4	18.84	18.85	18.85		
3	256QAM	8	7	18.87	18.92	19.04		
3	256QAM	15	0	18.73	18.92	19.06		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.78	23.90	23.91	25.5	0
1.4	QPSK	1	3	23.94	23.81	23.69		
1.4	QPSK	1	5	23.80	23.86	23.72		
1.4	QPSK	3	0	23.85	23.72	23.65		
1.4	QPSK	3	1	23.71	23.67	23.62		
1.4	QPSK	3	3	23.92	23.99	23.86		
1.4	QPSK	6	0	22.98	23.13	22.98	24.5	1
1.4	16QAM	1	0	22.92	23.14	23.12	24.5	1
1.4	16QAM	1	3	23.04	22.97	23.08		
1.4	16QAM	1	5	22.88	22.75	22.91		
1.4	16QAM	3	0	22.87	22.99	23.11		
1.4	16QAM	3	1	23.01	23.22	23.12		
1.4	16QAM	3	3	23.14	23.01	22.89		
1.4	16QAM	6	0	21.75	21.89	22.09	23.5	2
1.4	64QAM	1	0	22.02	22.09	21.95	23.5	2
1.4	64QAM	1	3	22.10	22.11	21.88		
1.4	64QAM	1	5	21.75	21.98	21.72		
1.4	64QAM	3	0	22.08	22.05	22.08		
1.4	64QAM	3	1	21.93	21.78	22.12		
1.4	64QAM	3	3	21.78	22.05	22.10		
1.4	64QAM	6	0	20.81	20.67	20.93	22.5	3
1.4	256QAM	1	0	18.72	19.00	18.97	20.5	5
1.4	256QAM	1	3	18.94	18.90	18.63		
1.4	256QAM	1	5	18.70	18.81	18.78		
1.4	256QAM	3	0	18.78	18.75	18.70		
1.4	256QAM	3	1	18.71	18.72	18.58		
1.4	256QAM	3	3	18.94	18.94	18.91		
1.4	256QAM	6	0	19.04	19.03	18.88	20.5	5

Band 4 Ant4 DSI4

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	24.01	24.11	24.05	25.5	0
20	QPSK	1	49	24.05	24.09	24.03		
20	QPSK	1	99	23.95	23.85	23.95		
20	QPSK	50	0	22.98	23.10	23.04	24.5	1
20	QPSK	50	24	23.09	23.04	23.06		
20	QPSK	50	50	23.00	23.02	23.01		
20	QPSK	100	0	23.04	23.07	23.05		
20	16QAM	1	0	23.30	23.40	23.37	24.5	1
20	16QAM	1	49	23.65	23.62	23.49		
20	16QAM	1	99	23.31	23.31	23.34		
20	16QAM	50	0	22.02	22.08	22.10	23.5	2
20	16QAM	50	24	22.08	22.05	22.13		
20	16QAM	50	50	22.02	22.04	22.04		
20	16QAM	100	0	22.03	22.08	22.09		
20	64QAM	1	0	22.08	22.21	22.33	23.5	2
20	64QAM	1	49	22.37	22.37	22.35		
20	64QAM	1	99	22.08	22.09	22.12		
20	64QAM	50	0	21.00	21.05	21.06	22.5	3
20	64QAM	50	24	21.08	21.05	21.10		
20	64QAM	50	50	21.02	21.03	21.02		
20	64QAM	100	0	21.05	21.09	21.10		
20	256QAM	1	0	18.92	19.07	18.95	20.5	5
20	256QAM	1	49	18.96	19.00	18.96		
20	256QAM	1	99	18.88	18.86	18.86		
20	256QAM	50	0	18.94	19.21	19.12	20.5	5
20	256QAM	50	24	19.10	18.98	19.13		
20	256QAM	50	50	19.01	19.06	18.94		
20	256QAM	100	0	18.95	19.08	19.12		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.95	23.93	24.00	25.5	0
15	QPSK	1	37	23.99	24.02	23.91		
15	QPSK	1	74	23.79	23.81	23.83		
15	QPSK	36	0	22.91	22.96	22.87	24.5	1
15	QPSK	36	20	22.93	22.98	22.93		
15	QPSK	36	39	22.94	22.93	22.89		
15	QPSK	75	0	22.96	22.89	22.98		
15	16QAM	1	0	23.19	23.24	23.22	24.5	1
15	16QAM	1	37	23.48	23.56	23.33		
15	16QAM	1	74	23.24	23.19	23.27		
15	16QAM	36	0	21.92	22.01	22.01	23.5	2
15	16QAM	36	20	21.95	21.93	22.04		
15	16QAM	36	39	21.95	21.87	21.97		
15	16QAM	75	0	21.93	21.92	22.01		
15	64QAM	1	0	21.96	22.07	22.16	23.5	2
15	64QAM	1	37	22.28	22.23	22.28		
15	64QAM	1	74	21.95	21.95	22.06		
15	64QAM	36	0	20.87	20.88	20.91	22.5	3
15	64QAM	36	20	20.92	20.92	20.98		
15	64QAM	36	39	20.87	20.99	20.87		
15	64QAM	75	0	20.97	20.98	21.06		
15	256QAM	1	0	18.98	19.00	18.95	20.5	5
15	256QAM	1	37	18.97	19.04	18.87		
15	256QAM	1	74	18.78	18.87	18.82		
15	256QAM	36	0	18.98	18.90	18.98	20.5	5
15	256QAM	36	20	18.97	18.87	18.84		
15	256QAM	36	39	18.84	18.82	18.94		
15	256QAM	75	0	18.85	18.82	18.93		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.87	23.96	23.94	25.5	0
10	QPSK	1	25	23.99	23.99	23.93		
10	QPSK	1	49	23.90	23.79	23.87		
10	QPSK	25	0	22.91	22.88	22.88	24.5	1
10	QPSK	25	12	23.02	22.88	23.04		
10	QPSK	25	25	22.92	22.94	22.90		
10	QPSK	50	0	22.99	23.01	22.89		
10	16QAM	1	0	23.19	23.36	23.28	24.5	1
10	16QAM	1	25	23.47	23.51	23.43		
10	16QAM	1	49	23.26	23.21	23.22		
10	16QAM	25	0	21.97	21.99	22.03	23.5	2
10	16QAM	25	12	21.99	21.97	22.09		
10	16QAM	25	25	21.90	21.94	22.00		
10	16QAM	50	0	21.96	21.95	22.00		
10	64QAM	1	0	21.94	22.10	22.29	23.5	2
10	64QAM	1	25	22.28	22.29	22.19		
10	64QAM	1	49	21.94	21.93	21.97		
10	64QAM	25	0	20.87	20.95	20.90	22.5	3
10	64QAM	25	12	20.90	20.97	20.95		
10	64QAM	25	25	20.93	20.92	20.86		
10	64QAM	50	0	20.99	21.01	20.93		
10	256QAM	1	0	18.96	19.02	18.93	20.5	5
10	256QAM	1	25	19.07	19.05	18.89		
10	256QAM	1	49	18.97	18.73	18.98		
10	256QAM	25	0	18.95	18.82	18.86	20.5	5
10	256QAM	25	12	19.09	18.82	18.96		
10	256QAM	25	25	19.02	18.96	18.99		
10	256QAM	50	0	19.10	19.09	19.00		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	23.94	23.95	24.00	25.5	0
5	QPSK	1	12	24.00	23.98	23.90		
5	QPSK	1	24	23.88	23.72	23.88		
5	QPSK	12	0	22.80	22.93	22.97	24.5	1
5	QPSK	12	7	22.96	22.92	22.99		
5	QPSK	12	13	22.89	22.86	22.93		
5	QPSK	25	0	22.88	22.96	22.91		
5	16QAM	1	0	23.23	23.28	23.27	24.5	1
5	16QAM	1	12	23.52	23.45	23.37		
5	16QAM	1	24	23.15	23.26	23.25		
5	16QAM	12	0	21.92	21.90	22.02	23.5	2
5	16QAM	12	7	21.98	21.88	22.00		
5	16QAM	12	13	21.90	21.88	21.87		
5	16QAM	25	0	21.93	21.91	22.00		
5	64QAM	1	0	21.99	22.15	22.17	23.5	2
5	64QAM	1	12	22.28	22.29	22.24		
5	64QAM	1	24	21.95	21.93	22.05		
5	64QAM	12	0	20.90	20.90	20.97	22.5	3
5	64QAM	12	7	20.91	20.92	21.05		
5	64QAM	12	13	20.91	20.97	20.89		
5	64QAM	25	0	20.90	20.97	21.04		
5	256QAM	1	0	18.92	18.83	18.94	20.5	5
5	256QAM	1	12	18.92	18.94	19.02		
5	256QAM	1	24	18.91	18.63	18.99		
5	256QAM	12	0	18.89	18.88	18.96	20.5	5
5	256QAM	12	7	19.01	18.88	19.02		
5	256QAM	12	13	18.99	18.95	18.89		
5	256QAM	25	0	18.79	18.91	18.88		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.85	23.89	24.00	25.5	0
3	QPSK	1	8	23.94	24.05	23.86		
3	QPSK	1	14	23.85	23.70	23.81		
3	QPSK	8	0	22.84	23.01	22.99	24.5	1
3	QPSK	8	4	23.05	22.88	23.06		
3	QPSK	8	7	22.88	22.90	22.93		
3	QPSK	15	0	22.98	22.90	23.00		
3	16QAM	1	0	23.13	23.23	23.21	24.5	1
3	16QAM	1	8	23.39	23.46	23.31		
3	16QAM	1	14	23.15	23.21	23.21		
3	16QAM	8	0	21.85	21.91	22.00	23.5	2
3	16QAM	8	4	21.97	21.91	21.98		
3	16QAM	8	7	21.87	21.94	21.95		
3	16QAM	15	0	21.86	21.92	21.96		
3	64QAM	1	0	21.93	22.05	22.21	23.5	2
3	64QAM	1	8	22.26	22.21	22.19		
3	64QAM	1	14	21.95	21.93	21.99		
3	64QAM	8	0	20.88	20.96	20.93	22.5	3
3	64QAM	8	4	21.04	20.99	21.03		
3	64QAM	8	7	20.87	20.94	20.89		
3	64QAM	15	0	20.90	20.96	21.02		
3	256QAM	1	0	18.77	18.88	18.89	20.5	5
3	256QAM	1	8	18.82	18.94	18.84		
3	256QAM	1	14	18.83	18.66	18.80		
3	256QAM	8	0	18.88	18.94	18.97	20.5	5
3	256QAM	8	4	19.09	18.98	18.96		
3	256QAM	8	7	18.82	19.01	18.85		
3	256QAM	15	0	18.95	18.95	19.06		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.00	23.97	23.94	25.5	0
1.4	QPSK	1	3	23.91	23.87	23.98		
1.4	QPSK	1	5	23.77	23.64	23.85		
1.4	QPSK	3	0	23.74	23.84	24.05		
1.4	QPSK	3	1	23.88	24.10	23.87		
1.4	QPSK	3	3	23.80	23.83	23.80		
1.4	QPSK	6	0	22.76	23.07	22.99	24.5	1
1.4	16QAM	1	0	23.08	22.81	22.98	24.5	1
1.4	16QAM	1	3	22.95	23.02	23.07		
1.4	16QAM	1	5	22.90	22.83	23.13		
1.4	16QAM	3	0	23.21	23.34	23.24		
1.4	16QAM	3	1	23.39	23.46	23.30		
1.4	16QAM	3	3	23.23	23.31	23.12		
1.4	16QAM	6	0	21.97	21.88	21.90	23.5	2
1.4	64QAM	1	0	21.84	21.81	21.97	23.5	2
1.4	64QAM	1	3	21.73	22.07	21.96		
1.4	64QAM	1	5	21.91	21.98	21.83		
1.4	64QAM	3	0	21.94	21.94	22.26		
1.4	64QAM	3	1	22.33	22.27	22.12		
1.4	64QAM	3	3	22.07	21.94	22.05		
1.4	64QAM	6	0	20.99	21.04	21.01	22.5	3
1.4	256QAM	1	0	19.08	18.93	18.92	20.5	5
1.4	256QAM	1	3	18.79	18.81	19.00		
1.4	256QAM	1	5	18.82	18.75	18.93		
1.4	256QAM	3	0	18.84	18.73	19.05		
1.4	256QAM	3	1	18.97	19.02	18.94		
1.4	256QAM	3	3	18.74	18.79	18.82		
1.4	256QAM	6	0	18.83	19.17	19.00	20.5	5

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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	24.64	24.77	24.57	25.5	0
20	QPSK	1	49	24.60	24.63	24.69		
20	QPSK	1	99	24.67	24.53	24.69		
20	QPSK	50	0	23.66	23.81	23.59	24.5	1
20	QPSK	50	24	23.73	23.70	23.68		
20	QPSK	50	50	23.72	23.75	23.56		
20	QPSK	100	0	23.69	23.70	23.66		
20	16QAM	1	0	23.51	23.87	23.81	24.5	1
20	16QAM	1	49	23.89	23.88	23.80		
20	16QAM	1	99	23.81	23.84	23.80		
20	16QAM	50	0	22.69	22.60	22.62	23.5	2
20	16QAM	50	24	22.73	22.74	22.70		
20	16QAM	50	50	22.74	22.78	22.85		
20	16QAM	100	0	22.72	22.71	22.70		
20	64QAM	1	0	22.57	22.57	22.74	23.5	2
20	64QAM	1	49	22.89	22.81	22.88		
20	64QAM	1	99	22.80	22.79	22.85		
20	64QAM	50	0	21.71	21.59	21.63	22.5	3
20	64QAM	50	24	21.74	21.73	21.69		
20	64QAM	50	50	21.74	21.76	21.86		
20	64QAM	100	0	21.70	21.71	21.68		
20	256QAM	1	0	19.58	19.71	19.65	20.5	5
20	256QAM	1	49	19.69	19.75	19.80		
20	256QAM	1	99	19.73	19.45	19.70		
20	256QAM	50	0	19.56	19.74	19.55	20.5	5
20	256QAM	50	24	19.64	19.67	19.63		
20	256QAM	50	50	19.82	19.77	19.54		
20	256QAM	100	0	19.65	19.63	19.65		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	24.38	24.45	24.43	25.5	0
15	QPSK	1	37	24.56	24.48	24.59		
15	QPSK	1	74	24.51	24.64	24.64		
15	QPSK	36	0	23.51	23.53	23.65	24.5	1
15	QPSK	36	20	23.68	23.59	23.63		
15	QPSK	36	39	23.61	23.66	23.72		
15	QPSK	75	0	23.54	23.64	23.61		
15	16QAM	1	0	23.54	23.70	23.75	24.5	1
15	16QAM	1	37	23.83	23.78	23.65		
15	16QAM	1	74	23.66	23.73	23.64		
15	16QAM	36	0	22.54	22.44	22.52	23.5	2
15	16QAM	36	20	22.61	22.58	22.54		
15	16QAM	36	39	22.60	22.66	22.81		
15	16QAM	75	0	22.67	22.63	22.55		
15	64QAM	1	0	22.48	22.50	22.65	23.5	2
15	64QAM	1	37	22.78	22.75	22.71		
15	64QAM	1	74	22.66	22.69	22.80		
15	64QAM	36	0	21.60	21.42	21.50	22.5	3
15	64QAM	36	20	21.59	21.56	21.61		
15	64QAM	36	39	21.68	21.64	21.69		
15	64QAM	75	0	21.54	21.59	21.56		
15	256QAM	1	0	19.36	19.52	19.38	20.5	5
15	256QAM	1	37	19.66	19.41	19.63		
15	256QAM	1	74	19.54	19.63	19.69		
15	256QAM	36	0	19.55	19.46	19.47	20.5	5
15	256QAM	36	20	19.75	19.63	19.57		
15	256QAM	36	39	19.73	19.58	19.70		
15	256QAM	75	0	19.56	19.59	19.54		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.37	24.45	24.53	25.5	0
10	QPSK	1	25	24.49	24.58	24.64		
10	QPSK	1	49	24.51	24.69	24.60		
10	QPSK	25	0	23.60	23.45	23.49	24.5	1
10	QPSK	25	12	23.59	23.59	23.52		
10	QPSK	25	25	23.65	23.69	23.64		
10	QPSK	50	0	23.59	23.60	23.50		
10	16QAM	1	0	23.42	23.76	23.68	24.5	1
10	16QAM	1	25	23.73	23.74	23.62		
10	16QAM	1	49	23.65	23.69	23.74		
10	16QAM	25	0	22.58	22.43	22.50	23.5	2
10	16QAM	25	12	22.64	22.56	22.64		
10	16QAM	25	25	22.64	22.67	22.70		
10	16QAM	50	0	22.68	22.64	22.54		
10	64QAM	1	0	22.52	22.45	22.59	23.5	2
10	64QAM	1	25	22.77	22.69	22.77		
10	64QAM	1	49	22.68	22.61	22.70		
10	64QAM	25	0	21.55	21.43	21.56	22.5	3
10	64QAM	25	12	21.58	21.59	21.64		
10	64QAM	25	25	21.68	21.67	21.77		
10	64QAM	50	0	21.56	21.60	21.56		
10	256QAM	1	0	19.35	19.46	19.49	20.5	5
10	256QAM	1	25	19.49	19.57	19.68		
10	256QAM	1	49	19.61	19.68	19.64		
10	256QAM	25	0	19.71	19.45	19.57	20.5	5
10	256QAM	25	12	19.50	19.70	19.53		
10	256QAM	25	25	19.69	19.59	19.66		
10	256QAM	50	0	19.54	19.57	19.40		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	24.33	24.42	24.44	25.5	0
5	QPSK	1	12	24.44	24.51	24.52		
5	QPSK	1	24	24.57	24.63	24.61		
5	QPSK	12	0	23.57	23.45	23.44	24.5	1
5	QPSK	12	7	23.56	23.56	23.62		
5	QPSK	12	13	23.65	23.61	23.72		
5	QPSK	25	0	23.63	23.53	23.48		
5	16QAM	1	0	23.35	23.69	23.67	24.5	1
5	16QAM	1	12	23.57	23.67	23.65		
5	16QAM	1	24	23.64	23.59	23.68		
5	16QAM	12	0	22.53	22.45	22.48	23.5	2
5	16QAM	12	7	22.66	22.56	22.52		
5	16QAM	12	13	22.66	22.63	22.78		
5	16QAM	25	0	22.66	22.56	22.65		
5	64QAM	1	0	22.45	22.40	22.60	23.5	2
5	64QAM	1	12	22.79	22.75	22.72		
5	64QAM	1	24	22.70	22.68	22.77		
5	64QAM	12	0	21.65	21.44	21.55	22.5	3
5	64QAM	12	7	21.68	21.64	21.56		
5	64QAM	12	13	21.68	21.58	21.75		
5	64QAM	25	0	21.64	21.56	21.54		
5	256QAM	1	0	19.25	19.38	19.55	20.5	5
5	256QAM	1	12	19.49	19.57	19.47		
5	256QAM	1	24	19.64	19.60	19.63		
5	256QAM	12	0	19.68	19.44	19.41	20.5	5
5	256QAM	12	7	19.59	19.55	19.60		
5	256QAM	12	13	19.57	19.51	19.70		
5	256QAM	25	0	19.74	19.62	19.60		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	24.29	24.37	24.06	25.5	0
20	QPSK	1	49	24.17	24.20	24.16		
20	QPSK	1	99	24.27	24.16	24.16		
20	QPSK	50	0	23.23	23.44	23.39	24.5	1
20	QPSK	50	24	23.34	23.38	23.29		
20	QPSK	50	50	23.22	23.43	23.35		
20	QPSK	100	0	23.26	23.32	23.28		
20	16QAM	1	0	23.35	23.47	23.44	24.5	1
20	16QAM	1	49	23.48	23.58	23.41		
20	16QAM	1	99	23.47	23.53	23.19		
20	16QAM	50	0	22.26	22.15	22.30	23.5	2
20	16QAM	50	24	22.41	22.28	22.40		
20	16QAM	50	50	22.37	22.43	22.45		
20	16QAM	100	0	22.15	22.16	22.09		
20	64QAM	1	0	22.34	22.46	22.47	23.5	2
20	64QAM	1	49	22.56	22.51	22.48		
20	64QAM	1	99	22.17	22.29	22.46		
20	64QAM	50	0	21.17	21.33	21.48	22.5	3
20	64QAM	50	24	21.29	21.21	21.43		
20	64QAM	50	50	21.51	21.23	21.25		
20	64QAM	100	0	21.14	21.24	21.17		
20	256QAM	1	0	19.23	19.34	19.15	20.5	5
20	256QAM	1	49	19.39	19.19	19.17		
20	256QAM	1	99	19.23	19.10	19.09		
20	256QAM	50	0	19.34	19.66	19.41	20.5	5
20	256QAM	50	24	19.24	19.31	19.17		
20	256QAM	50	50	19.30	19.38	19.57		
20	256QAM	100	0	19.18	19.52	19.28		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	24.11	24.14	24.06	25.5	0
15	QPSK	1	37	24.18	24.22	24.09		
15	QPSK	1	74	24.02	24.27	24.23		
15	QPSK	36	0	23.10	23.32	23.41	24.5	1
15	QPSK	36	20	23.27	23.25	23.39		
15	QPSK	36	39	23.29	23.29	23.43		
15	QPSK	75	0	23.01	23.15	23.16		
15	16QAM	1	0	23.10	23.40	23.39	24.5	1
15	16QAM	1	37	23.35	23.47	23.35		
15	16QAM	1	74	23.20	23.22	23.35		
15	16QAM	36	0	22.21	22.06	22.29	23.5	2
15	16QAM	36	20	22.21	22.20	22.33		
15	16QAM	36	39	22.33	22.22	22.35		
15	16QAM	75	0	21.96	22.16	21.98		
15	64QAM	1	0	22.57	22.11	22.12	23.5	2
15	64QAM	1	37	22.37	22.38	22.46		
15	64QAM	1	74	22.35	22.09	22.10		
15	64QAM	36	0	21.03	21.18	21.10	22.5	3
15	64QAM	36	20	21.18	21.09	21.27		
15	64QAM	36	39	21.28	21.25	21.21		
15	64QAM	75	0	21.11	21.20	20.93		
15	256QAM	1	0	18.94	18.96	19.25	20.5	5
15	256QAM	1	37	19.20	19.37	19.08		
15	256QAM	1	74	19.15	19.21	19.17		
15	256QAM	36	0	19.20	19.33	19.37	20.5	5
15	256QAM	36	20	19.04	19.28	19.20		
15	256QAM	36	39	19.24	19.20	19.50		
15	256QAM	75	0	18.98	19.16	19.24		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	24.17	24.07	24.17	25.5	0
10	QPSK	1	25	24.25	24.06	24.06		
10	QPSK	1	49	24.01	24.15	24.09		
10	QPSK	25	0	22.98	23.42	23.44	24.5	1
10	QPSK	25	12	23.24	23.18	23.33		
10	QPSK	25	25	23.24	23.18	23.27		
10	QPSK	50	0	23.14	23.22	23.12		
10	16QAM	1	0	23.11	23.33	23.47	24.5	1
10	16QAM	1	25	23.40	23.54	23.36		
10	16QAM	1	49	23.31	23.15	23.24		
10	16QAM	25	0	22.10	22.13	22.29	23.5	2
10	16QAM	25	12	22.30	22.18	22.32		
10	16QAM	25	25	22.43	22.23	22.38		
10	16QAM	50	0	22.00	22.20	21.80		
10	64QAM	1	0	22.53	22.14	22.17	23.5	2
10	64QAM	1	25	22.33	22.34	22.40		
10	64QAM	1	49	22.22	22.18	22.21		
10	64QAM	25	0	21.08	21.05	21.12	22.5	3
10	64QAM	25	12	21.12	21.20	21.35		
10	64QAM	25	25	21.37	21.34	21.21		
10	64QAM	50	0	21.13	21.09	21.04		
10	256QAM	1	0	18.94	19.02	19.21	20.5	5
10	256QAM	1	25	19.19	19.33	19.13		
10	256QAM	1	49	19.09	19.15	19.13		
10	256QAM	25	0	19.11	19.21	19.36	20.5	5
10	256QAM	25	12	19.19	19.29	19.28		
10	256QAM	25	25	19.35	19.29	19.44		
10	256QAM	50	0	19.05	19.18	19.26		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	24.08	24.14	24.13	25.5	0
5	QPSK	1	12	24.11	24.18	24.08		
5	QPSK	1	24	24.09	24.24	24.22		
5	QPSK	12	0	22.97	23.28	23.45	24.5	1
5	QPSK	12	7	23.30	23.17	23.28		
5	QPSK	12	13	23.26	23.24	23.40		
5	QPSK	25	0	22.94	23.17	23.09		
5	16QAM	1	0	23.19	23.47	23.30	24.5	1
5	16QAM	1	12	23.30	23.57	23.31		
5	16QAM	1	24	23.15	23.34	23.32		
5	16QAM	12	0	22.22	21.93	22.19	23.5	2
5	16QAM	12	7	22.27	22.20	22.28		
5	16QAM	12	13	22.41	22.29	22.26		
5	16QAM	25	0	22.03	22.07	21.94		
5	64QAM	1	0	22.56	22.16	22.22	23.5	2
5	64QAM	1	12	22.30	22.24	22.34		
5	64QAM	1	24	22.28	22.16	22.18		
5	64QAM	12	0	21.10	21.09	21.21	22.5	3
5	64QAM	12	7	21.17	21.08	21.22		
5	64QAM	12	13	21.26	21.35	21.26		
5	64QAM	25	0	21.10	21.04	21.00		
5	256QAM	1	0	19.08	19.06	19.07	20.5	5
5	256QAM	1	12	19.16	19.34	19.12		
5	256QAM	1	24	19.07	19.16	19.03		
5	256QAM	12	0	19.13	19.23	19.29	20.5	5
5	256QAM	12	7	19.06	19.34	19.27		
5	256QAM	12	13	19.19	19.27	19.49		
5	256QAM	25	0	18.89	19.18	19.21		
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	23.98	24.00	24.05	25.5	0
3	QPSK	1	8	24.17	24.06	24.17		
3	QPSK	1	14	24.09	24.24	24.08		
3	QPSK	8	0	23.03	23.41	23.33	24.5	1
3	QPSK	8	4	23.23	23.14	23.33		
3	QPSK	8	7	23.14	23.17	23.35		
3	QPSK	15	0	23.00	23.11	23.13		
3	16QAM	1	0	23.18	23.29	23.37	24.5	1
3	16QAM	1	8	23.46	23.47	23.19		
3	16QAM	1	14	23.20	23.34	23.30		
3	16QAM	8	0	22.08	22.10	22.18	23.5	2
3	16QAM	8	4	22.13	22.23	22.34		
3	16QAM	8	7	22.33	22.20	22.22		
3	16QAM	15	0	21.98	22.12	21.78		
3	64QAM	1	0	22.47	22.12	22.22	23.5	2
3	64QAM	1	8	22.35	22.23	22.37		
3	64QAM	1	14	22.32	22.23	22.24		
3	64QAM	8	0	21.11	21.19	21.25	22.5	3
3	64QAM	8	4	21.25	21.07	21.23		
3	64QAM	8	7	21.42	21.26	21.31		
3	64QAM	15	0	21.02	21.02	20.95		
3	256QAM	1	0	19.03	18.93	19.13	20.5	5
3	256QAM	1	8	19.04	19.21	19.16		
3	256QAM	1	14	19.14	19.25	19.05		
3	256QAM	8	0	19.22	19.20	19.40	20.5	5
3	256QAM	8	4	19.07	19.19	19.16		
3	256QAM	8	7	19.18	19.45	19.39		
3	256QAM	15	0	18.94	19.07	19.18		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	24.06	24.02	24.08	25.5	0
1.4	QPSK	1	3	24.21	24.07	24.15		
1.4	QPSK	1	5	23.93	24.20	24.18		
1.4	QPSK	3	0	23.78	24.06	24.14		
1.4	QPSK	3	1	24.00	23.92	24.08		
1.4	QPSK	3	3	23.94	24.07	24.25		
1.4	QPSK	6	0	22.97	23.12	23.04	24.5	1
1.4	16QAM	1	0	23.13	23.46	23.39	24.5	1
1.4	16QAM	1	3	23.43	23.57	23.32		
1.4	16QAM	1	5	23.17	23.21	23.27		
1.4	16QAM	3	0	22.93	22.84	23.12		
1.4	16QAM	3	1	22.91	22.92	23.02		
1.4	16QAM	3	3	23.06	22.94	23.13		
1.4	16QAM	6	0	21.92	22.18	21.90	23.5	2
1.4	64QAM	1	0	22.39	22.13	22.25	23.5	2
1.4	64QAM	1	3	22.43	22.26	22.44		
1.4	64QAM	1	5	22.24	22.05	22.07		
1.4	64QAM	3	0	21.92	21.95	21.94		
1.4	64QAM	3	1	21.96	21.86	22.11		
1.4	64QAM	3	3	22.22	22.13	22.02		
1.4	64QAM	6	0	21.00	21.12	20.89	22.5	3
1.4	256QAM	1	0	18.96	19.04	19.08	20.5	5
1.4	256QAM	1	3	19.13	19.37	19.16		
1.4	256QAM	1	5	19.03	19.25	19.11		
1.4	256QAM	3	0	19.13	19.19	19.38		
1.4	256QAM	3	1	19.16	19.18	19.30		
1.4	256QAM	3	3	19.17	19.42	19.40		
1.4	256QAM	6	0	18.95	19.15	19.18	20.5	5

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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	24.06	24.20	24.11	25.5	0
20	QPSK	1	49	24.16	24.08	24.12		
20	QPSK	1	99	23.99	24.05	24.00		
20	QPSK	50	0	23.10	23.18	23.11	24.5	1
20	QPSK	50	24	23.16	23.12	23.08		
20	QPSK	50	50	23.13	23.12	23.08		
20	QPSK	100	0	23.10	23.15	23.05		
20	16QAM	1	0	23.47	23.45	23.41	24.5	1
20	16QAM	1	49	23.72	23.67	23.67		
20	16QAM	1	99	23.45	23.35	23.33		
20	16QAM	50	0	22.09	22.17	22.12	23.5	2
20	16QAM	50	24	22.19	22.14	22.11		
20	16QAM	50	50	22.15	22.14	22.11		
20	16QAM	100	0	22.17	22.11	22.07		
20	64QAM	1	0	22.27	22.29	22.33	23.5	2
20	64QAM	1	49	22.44	22.63	22.36		
20	64QAM	1	99	22.24	22.28	22.31		
20	64QAM	50	0	21.12	21.17	21.14	22.5	3
20	64QAM	50	24	21.19	21.15	21.10		
20	64QAM	50	50	21.14	21.16	21.09		
20	64QAM	100	0	21.17	21.13	21.07		
20	256QAM	1	0	19.09	19.24	19.01	20.5	5
20	256QAM	1	49	19.12	18.98	19.05		
20	256QAM	1	99	18.97	19.02	18.93		
20	256QAM	50	0	19.17	19.20	19.03	20.5	5
20	256QAM	50	24	19.18	19.08	19.15		
20	256QAM	50	50	19.20	19.23	19.09		
20	256QAM	100	0	19.08	19.03	19.13		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.89	24.00	23.98	25.5	0
15	QPSK	1	37	24.03	24.16	24.01		
15	QPSK	1	74	23.90	23.90	23.92		
15	QPSK	36	0	22.94	23.04	23.04	24.5	1
15	QPSK	36	20	23.09	23.02	22.94		
15	QPSK	36	39	22.98	23.03	22.97		
15	QPSK	75	0	23.09	22.93	23.00		
15	16QAM	1	0	23.38	23.37	23.30	24.5	1
15	16QAM	1	37	23.63	23.57	23.50		
15	16QAM	1	74	23.33	23.31	23.25		
15	16QAM	36	0	22.04	22.03	22.02	23.5	2
15	16QAM	36	20	22.10	22.02	22.00		
15	16QAM	36	39	22.08	21.96	22.05		
15	16QAM	75	0	22.09	22.02	22.01		
15	64QAM	1	0	22.22	22.19	22.23	23.5	2
15	64QAM	1	37	22.40	22.39	22.25		
15	64QAM	1	74	22.10	22.20	22.25		
15	64QAM	36	0	20.99	21.08	21.01	22.5	3
15	64QAM	36	20	21.06	20.98	21.03		
15	64QAM	36	39	21.05	21.02	21.03		
15	64QAM	75	0	21.02	20.99	20.93		
15	256QAM	1	0	19.00	19.11	18.95	20.5	5
15	256QAM	1	37	19.05	19.09	18.96		
15	256QAM	1	74	18.92	18.81	18.92		
15	256QAM	36	0	19.02	18.93	19.07	20.5	5
15	256QAM	36	20	19.19	18.96	18.95		
15	256QAM	36	39	18.95	18.98	18.96		
15	256QAM	75	0	19.08	18.83	19.11		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.99	23.91	24.03	25.5	0
10	QPSK	1	25	24.10	24.06	24.03		
10	QPSK	1	49	23.89	23.87	23.91		
10	QPSK	25	0	22.96	23.05	22.97	24.5	1
10	QPSK	25	12	23.03	23.03	23.02		
10	QPSK	25	25	22.95	23.01	22.98		
10	QPSK	50	0	23.09	22.92	22.95		
10	16QAM	1	0	23.30	23.31	23.34	24.5	1
10	16QAM	1	25	23.56	23.60	23.53		
10	16QAM	1	49	23.41	23.27	23.22		
10	16QAM	25	0	22.03	22.03	21.98	23.5	2
10	16QAM	25	12	22.07	22.09	22.04		
10	16QAM	25	25	22.02	22.01	22.00		
10	16QAM	50	0	22.01	21.93	22.02		
10	64QAM	1	0	22.10	22.23	22.29	23.5	2
10	64QAM	1	25	22.32	22.50	22.24		
10	64QAM	1	49	22.09	22.19	22.26		
10	64QAM	25	0	20.98	21.03	21.01	22.5	3
10	64QAM	25	12	21.06	21.11	20.94		
10	64QAM	25	25	21.02	21.04	21.04		
10	64QAM	50	0	21.02	21.06	20.98		
10	256QAM	1	0	19.09	19.03	19.00	20.5	5
10	256QAM	1	25	19.04	19.11	19.02		
10	256QAM	1	49	18.93	18.77	18.80		
10	256QAM	25	0	19.05	19.17	18.87	20.5	5
10	256QAM	25	12	19.06	19.07	19.03		
10	256QAM	25	25	19.01	19.01	19.10		
10	256QAM	50	0	19.06	18.85	18.99		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.93	23.94	23.98	25.5	0
5	QPSK	1	12	24.09	24.07	24.04		
5	QPSK	1	24	23.93	24.00	23.83		
5	QPSK	12	0	22.99	22.99	23.02	24.5	1
5	QPSK	12	7	23.05	22.96	22.94		
5	QPSK	12	13	22.96	23.04	22.99		
5	QPSK	25	0	23.09	23.05	22.89		
5	16QAM	1	0	23.33	23.35	23.33	24.5	1
5	16QAM	1	12	23.59	23.63	23.60		
5	16QAM	1	24	23.29	23.26	23.26		
5	16QAM	12	0	22.05	22.03	21.97	23.5	2
5	16QAM	12	7	22.07	21.97	22.01		
5	16QAM	12	13	22.07	22.04	22.01		
5	16QAM	25	0	22.11	21.94	21.99		
5	64QAM	1	0	22.10	22.19	22.20	23.5	2
5	64QAM	1	12	22.38	22.46	22.19		
5	64QAM	1	24	22.11	22.23	22.23		
5	64QAM	12	0	21.02	21.00	21.04	22.5	3
5	64QAM	12	7	21.05	21.00	20.96		
5	64QAM	12	13	21.06	20.99	20.97		
5	64QAM	25	0	21.02	21.08	20.94		
5	256QAM	1	0	18.91	18.87	18.92	20.5	5
5	256QAM	1	12	19.19	19.01	19.07		
5	256QAM	1	24	18.94	18.92	18.93		
5	256QAM	12	0	19.02	19.05	18.91	20.5	5
5	256QAM	12	7	18.99	19.01	19.06		
5	256QAM	12	13	18.92	19.04	18.95		
5	256QAM	25	0	18.99	19.09	18.90		
Channel				131982	132322	132662	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.90	24.00	24.01	25.5	0
3	QPSK	1	8	24.00	24.04	24.05		
3	QPSK	1	14	23.87	23.89	23.91		
3	QPSK	8	0	23.01	23.03	23.04	24.5	1
3	QPSK	8	4	23.09	22.95	22.98		
3	QPSK	8	7	22.99	23.03	22.98		
3	QPSK	15	0	22.98	23.06	22.96		
3	16QAM	1	0	23.33	23.30	23.31	24.5	1
3	16QAM	1	8	23.45	23.56	23.52		
3	16QAM	1	14	23.40	23.23	23.23		
3	16QAM	8	0	21.98	22.07	21.96	23.5	2
3	16QAM	8	4	22.02	22.00	22.05		
3	16QAM	8	7	22.10	22.01	21.98		
3	16QAM	15	0	22.10	22.01	21.91		
3	64QAM	1	0	22.12	22.24	22.26	23.5	2
3	64QAM	1	8	22.28	22.45	22.31		
3	64QAM	1	14	22.17	22.16	22.26		
3	64QAM	8	0	21.00	21.08	21.01	22.5	3
3	64QAM	8	4	21.14	21.09	21.01		
3	64QAM	8	7	21.06	21.08	20.92		
3	64QAM	15	0	21.06	21.00	20.89		
3	256QAM	1	0	18.79	19.12	19.12	20.5	5
3	256QAM	1	8	19.10	18.99	18.95		
3	256QAM	1	14	18.91	18.80	18.94		
3	256QAM	8	0	19.12	18.95	19.12	20.5	5
3	256QAM	8	4	19.04	18.97	18.96		
3	256QAM	8	7	19.09	19.04	18.87		
3	256QAM	15	0	18.99	19.08	19.00		
Channel				131975	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.92	24.09	23.93	25.5	0
1.4	QPSK	1	3	23.98	23.95	23.91		
1.4	QPSK	1	5	23.97	23.88	23.97		
1.4	QPSK	3	0	23.98	24.12	24.00		
1.4	QPSK	3	1	23.94	23.94	24.12		
1.4	QPSK	3	3	23.73	24.01	23.98		
1.4	QPSK	6	0	23.11	23.11	23.11	24.5	1
1.4	16QAM	1	0	23.04	22.87	22.82	24.5	1
1.4	16QAM	1	3	23.02	22.94	22.84		
1.4	16QAM	1	5	23.14	22.94	22.99		
1.4	16QAM	3	0	23.46	23.40	23.32		
1.4	16QAM	3	1	23.51	23.58	23.52		
1.4	16QAM	3	3	23.29	23.23	23.35		
1.4	16QAM	6	0	21.93	21.95	21.95	23.5	2
1.4	64QAM	1	0	21.99	21.95	22.04	23.5	2
1.4	64QAM	1	3	21.93	22.19	21.89		
1.4	64QAM	1	5	22.03	21.92	21.98		
1.4	64QAM	3	0	22.17	22.26	22.06		
1.4	64QAM	3	1	22.33	22.35	22.06		
1.4	64QAM	3	3	22.22	22.24	22.26		
1.4	64QAM	6	0	21.00	21.06	21.11	22.5	3
1.4	256QAM	1	0	18.84	19.03	18.85	20.5	5
1.4	256QAM	1	3	18.89	18.94	18.94		
1.4	256QAM	1	5	19.05	18.88	18.97		
1.4	256QAM	3	0	19.01	19.08	18.97		
1.4	256QAM	3	1	18.97	18.93	19.09		
1.4	256QAM	3	3	18.73	18.93	19.02		
1.4	256QAM	6	0	19.07	19.15	19.06	20.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.60	24.81	24.73	25.5	0
20	QPSK	1	49	24.73	24.73	24.74		
20	QPSK	1	99	24.63	24.77	24.70		
20	QPSK	50	0	23.62	23.81	23.73	24.5	1
20	QPSK	50	24	23.75	23.76	23.75		
20	QPSK	50	50	23.74	23.72	23.71		
20	QPSK	100	0	23.66	23.73	23.72		
20	16QAM	1	0	23.76	23.75	23.72	24.5	1
20	16QAM	1	49	23.84	23.85	23.82		
20	16QAM	1	99	23.72	23.77	23.68		
20	16QAM	50	0	22.65	22.74	22.74	23.5	2
20	16QAM	50	24	22.80	22.79	22.78		
20	16QAM	50	50	22.78	22.82	22.73		
20	16QAM	100	0	22.73	22.74	22.72		
20	64QAM	1	0	22.63	22.73	22.64	23.5	2
20	64QAM	1	49	22.90	22.88	22.88		
20	64QAM	1	99	22.74	22.80	22.60		
20	64QAM	50	0	21.64	21.72	21.72	22.5	3
20	64QAM	50	24	21.79	21.78	21.76		
20	64QAM	50	50	21.77	21.82	21.71		
20	64QAM	100	0	21.74	21.72	21.71		
20	256QAM	1	0	19.69	19.82	19.72	20.5	5
20	256QAM	1	49	19.75	19.68	19.67		
20	256QAM	1	99	19.56	19.76	19.65		
20	256QAM	50	0	19.50	19.81	19.80	20.5	5
20	256QAM	50	24	19.67	19.73	19.68		
20	256QAM	50	50	19.70	19.65	19.63		
20	256QAM	100	0	19.59	19.66	19.61		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.66	24.69	25.5	0
15	QPSK	1	37	24.65	24.65	24.58		
15	QPSK	1	74	24.50	24.70	24.60		
15	QPSK	36	0	23.55	23.66	23.63	24.5	1
15	QPSK	36	20	23.70	23.66	23.69		
15	QPSK	36	39	23.62	23.75	23.62		
15	QPSK	75	0	23.60	23.67	23.65		
15	16QAM	1	0	23.59	23.65	23.55	24.5	1
15	16QAM	1	37	23.66	23.81	23.72		
15	16QAM	1	74	23.55	23.66	23.57		
15	16QAM	36	0	22.59	22.58	22.64	23.5	2
15	16QAM	36	20	22.67	22.69	22.65		
15	16QAM	36	39	22.68	22.67	22.67		
15	16QAM	75	0	22.65	22.67	22.59		
15	64QAM	1	0	22.48	22.59	22.60	23.5	2
15	64QAM	1	37	22.85	22.76	22.78		
15	64QAM	1	74	22.61	22.70	22.47		
15	64QAM	36	0	21.53	21.64	21.56	22.5	3
15	64QAM	36	20	21.74	21.67	21.62		
15	64QAM	36	39	21.72	21.66	21.58		
15	64QAM	75	0	21.62	21.59	21.59		
15	256QAM	1	0	19.52	19.68	19.79	20.5	5
15	256QAM	1	37	19.67	19.77	19.66		
15	256QAM	1	74	19.44	19.66	19.53		
15	256QAM	36	0	19.66	19.71	19.66	20.5	5
15	256QAM	36	20	19.77	19.74	19.66		
15	256QAM	36	39	19.56	19.66	19.73		
15	256QAM	75	0	19.68	19.67	19.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.55	24.56	24.69	25.5	0
10	QPSK	1	25	24.64	24.70	24.61		
10	QPSK	1	49	24.53	24.63	24.64		
10	QPSK	25	0	23.52	23.60	23.56	24.5	1
10	QPSK	25	12	23.60	23.72	23.60		
10	QPSK	25	25	23.58	23.65	23.61		
10	QPSK	50	0	23.57	23.58	23.61		
10	16QAM	1	0	23.72	23.63	23.55	24.5	1
10	16QAM	1	25	23.75	23.80	23.71		
10	16QAM	1	49	23.66	23.69	23.57		
10	16QAM	25	0	22.52	22.61	22.62	23.5	2
10	16QAM	25	12	22.68	22.61	22.73		
10	16QAM	25	25	22.68	22.68	22.57		
10	16QAM	50	0	22.57	22.58	22.61		
10	64QAM	1	0	22.58	22.57	22.55	23.5	2
10	64QAM	1	25	22.83	22.80	22.82		
10	64QAM	1	49	22.56	22.68	22.47		
10	64QAM	25	0	21.59	21.59	21.59	22.5	3
10	64QAM	25	12	21.63	21.70	21.67		
10	64QAM	25	25	21.61	21.64	21.63		
10	64QAM	50	0	21.70	21.57	21.59		
10	256QAM	1	0	19.58	19.50	19.62	20.5	5
10	256QAM	1	25	19.69	19.77	19.72		
10	256QAM	1	49	19.49	19.69	19.55		
10	256QAM	25	0	19.45	19.70	19.47	20.5	5
10	256QAM	25	12	19.62	19.71	19.59		
10	256QAM	25	25	19.47	19.64	19.66		
10	256QAM	50	0	19.49	19.70	19.61		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.48	24.67	24.59	25.5	0
5	QPSK	1	12	24.58	24.65	24.57		
5	QPSK	1	24	24.46	24.71	24.61		
5	QPSK	12	0	23.56	23.65	23.56	24.5	1
5	QPSK	12	7	23.58	23.69	23.63		
5	QPSK	12	13	23.66	23.63	23.66		
5	QPSK	25	0	23.60	23.59	23.55		
5	16QAM	1	0	23.71	23.65	23.58	24.5	1
5	16QAM	1	12	23.71	23.70	23.70		
5	16QAM	1	24	23.54	23.63	23.53		
5	16QAM	12	0	22.54	22.58	22.66	23.5	2
5	16QAM	12	7	22.71	22.68	22.70		
5	16QAM	12	13	22.67	22.72	22.58		
5	16QAM	25	0	22.67	22.68	22.55		
5	64QAM	1	0	22.47	22.58	22.50	23.5	2
5	64QAM	1	12	22.72	22.80	22.77		
5	64QAM	1	24	22.68	22.74	22.49		
5	64QAM	12	0	21.56	21.61	21.57	22.5	3
5	64QAM	12	7	21.64	21.67	21.70		
5	64QAM	12	13	21.68	21.72	21.66		
5	64QAM	25	0	21.62	21.60	21.59		
5	256QAM	1	0	19.51	19.66	19.70	20.5	5
5	256QAM	1	12	19.63	19.65	19.47		
5	256QAM	1	24	19.42	19.66	19.62		
5	256QAM	12	0	19.61	19.62	19.67	20.5	5
5	256QAM	12	7	19.70	19.64	19.69		
5	256QAM	12	13	19.76	19.70	19.62		
5	256QAM	25	0	19.54	19.67	19.59		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.77	24.69	24.84	24.47	24.47	25.5	0
20	QPSK	1	49	24.73	24.66	24.82	24.57	24.53		
20	QPSK	1	99	24.69	24.69	24.80	24.58	24.52		
20	QPSK	50	0	23.82	23.67	23.92	23.68	23.59	24.5	1
20	QPSK	50	24	23.79	23.75	23.83	23.69	23.55		
20	QPSK	50	50	23.81	23.73	23.88	23.65	23.53		
20	QPSK	100	0	23.80	23.74	23.90	23.65	23.56		
20	16QAM	1	0	23.65	23.60	23.83	23.61	23.57	24.5	1
20	16QAM	1	49	23.87	23.74	23.87	23.68	23.53		
20	16QAM	1	99	23.63	23.72	23.79	23.58	23.49		
20	16QAM	50	0	22.81	22.70	22.83	22.72	22.57	23.5	2
20	16QAM	50	24	22.84	22.75	22.95	22.69	22.56		
20	16QAM	50	50	22.80	22.73	22.89	22.65	22.59		
20	16QAM	100	0	22.82	22.75	22.88	22.68	22.58		
20	64QAM	1	0	22.74	22.57	22.75	22.63	22.54	23.5	2
20	64QAM	1	49	22.60	22.73	22.89	22.68	22.53		
20	64QAM	1	99	22.74	22.59	22.77	22.60	22.55		
20	64QAM	50	0	21.81	21.69	21.82	21.71	21.62	22.5	3
20	64QAM	50	24	21.83	21.76	21.91	21.68	21.59		
20	64QAM	50	50	21.79	21.72	21.89	21.65	21.61		
20	64QAM	100	0	21.81	21.74	21.89	21.69	21.58		
20	256QAM	1	0	19.77	19.66	19.79	19.56	19.52	20.5	5
20	256QAM	1	49	19.73	19.61	19.86	19.52	19.48		
20	256QAM	1	99	19.73	19.72	19.83	19.63	19.60		
20	256QAM	50	0	19.71	19.69	19.89	19.63	19.59	20.5	5
20	256QAM	50	24	19.76	19.68	19.90	19.68	19.65		
20	256QAM	50	50	19.91	19.72	19.77	19.57	19.54		
20	256QAM	100	0	19.78	19.63	19.91	19.54	19.62		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.68	24.53	24.73	24.58	24.42	25.5	0
15	QPSK	1	37	24.65	24.55	24.78	24.45	24.48		
15	QPSK	1	74	24.63	24.52	24.75	24.47	24.45		
15	QPSK	36	0	23.76	23.62	23.72	23.57	23.49	24.5	1
15	QPSK	36	20	23.71	23.63	23.75	23.57	23.46		
15	QPSK	36	39	23.69	23.61	23.79	23.55	23.47		
15	QPSK	75	0	23.67	23.67	23.75	23.58	23.40		
15	16QAM	1	0	23.54	23.52	23.71	23.53	23.42	24.5	1
15	16QAM	1	37	23.72	23.60	23.76	23.64	23.48		
15	16QAM	1	74	23.46	23.65	23.67	23.50	23.45		
15	16QAM	36	0	22.77	22.60	22.66	22.58	22.44	23.5	2
15	16QAM	36	20	22.73	22.71	22.78	22.55	22.48		
15	16QAM	36	39	22.67	22.64	22.71	22.48	22.47		
15	16QAM	75	0	22.66	22.66	22.77	22.59	22.51		
15	64QAM	1	0	22.58	22.44	22.62	22.49	22.46	23.5	2
15	64QAM	1	37	22.47	22.62	22.73	22.55	22.38		
15	64QAM	1	74	22.57	22.42	22.65	22.46	22.43		
15	64QAM	36	0	21.76	21.52	21.67	21.61	21.49	22.5	3
15	64QAM	36	20	21.69	21.64	21.76	21.58	21.44		
15	64QAM	36	39	21.73	21.56	21.79	21.50	21.45		
15	64QAM	75	0	21.77	21.56	21.81	21.52	21.50		
15	256QAM	1	0	19.72	19.50	19.69	19.58	19.46	20.5	5
15	256QAM	1	37	19.71	19.52	19.67	19.47	19.49		
15	256QAM	1	74	19.63	19.52	19.73	19.51	19.44		
15	256QAM	36	0	19.80	19.66	19.75	19.57	19.48	20.5	5
15	256QAM	36	20	19.74	19.65	19.73	19.58	19.44		
15	256QAM	36	39	19.71	19.65	19.74	19.54	19.43		
15	256QAM	75	0	19.69	19.73	19.75	19.62	19.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.68	24.55	24.67	24.44	24.43	25.5	0
10	QPSK	1	25	24.67	24.53	24.71	24.50	24.48		
10	QPSK	1	49	24.63	24.56	24.81	24.45	24.48		
10	QPSK	25	0	23.77	23.60	23.66	23.51	23.51	24.5	1
10	QPSK	25	12	23.74	23.68	23.82	23.54	23.49		
10	QPSK	25	25	23.76	23.63	23.75	23.50	23.47		
10	QPSK	50	0	23.71	23.59	23.81	23.56	23.49		
10	16QAM	1	0	23.58	23.56	23.77	23.54	23.53	24.5	1
10	16QAM	1	25	23.82	23.65	23.74	23.59	23.46		
10	16QAM	1	49	23.47	23.65	23.69	23.52	23.48		
10	16QAM	25	0	22.74	22.61	22.77	22.58	22.50	23.5	2
10	16QAM	25	12	22.70	22.64	22.77	22.55	22.51		
10	16QAM	25	25	22.75	22.69	22.72	22.54	22.44		
10	16QAM	50	0	22.77	22.66	22.77	22.52	22.42		
10	64QAM	1	0	22.64	22.40	22.64	22.54	22.47	23.5	2
10	64QAM	1	25	22.43	22.65	22.69	22.54	22.48		
10	64QAM	1	49	22.64	22.54	22.68	22.52	22.38		
10	64QAM	25	0	21.75	21.54	21.77	21.56	21.46	22.5	3
10	64QAM	25	12	21.77	21.71	21.77	21.62	21.45		
10	64QAM	25	25	21.64	21.68	21.84	21.51	21.48		
10	64QAM	50	0	21.75	21.64	21.82	21.63	21.52		
10	256QAM	1	0	19.69	19.55	19.70	19.42	19.42	20.5	5
10	256QAM	1	25	19.72	19.51	19.75	19.54	19.45		
10	256QAM	1	49	19.68	19.58	19.78	19.51	19.49		
10	256QAM	25	0	19.73	19.61	19.67	19.47	19.47	20.5	5
10	256QAM	25	12	19.76	19.66	19.79	19.57	19.45		
10	256QAM	25	25	19.74	19.67	19.77	19.53	19.42		
10	256QAM	50	0	19.71	19.63	19.78	19.51	19.53		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.76	24.59	24.66	24.46	24.41	25.5	0
5	QPSK	1	12	24.63	24.56	24.75	24.43	24.48		
5	QPSK	1	24	24.61	24.59	24.78	24.54	24.46		
5	QPSK	12	0	23.65	23.57	23.74	23.63	23.50	24.5	1
5	QPSK	12	7	23.75	23.59	23.78	23.52	23.49		
5	QPSK	12	13	23.76	23.66	23.71	23.49	23.45		
5	QPSK	25	0	23.68	23.61	23.78	23.48	23.51		
5	16QAM	1	0	23.59	23.53	23.76	23.55	23.49	24.5	1
5	16QAM	1	12	23.71	23.59	23.76	23.60	23.44		
5	16QAM	1	24	23.55	23.60	23.64	23.46	23.38		
5	16QAM	12	0	22.71	22.63	22.78	22.59	22.51	23.5	2
5	16QAM	12	7	22.79	22.61	22.82	22.53	22.49		
5	16QAM	12	13	22.66	22.66	22.84	22.53	22.54		
5	16QAM	25	0	22.69	22.63	22.76	22.51	22.52		
5	64QAM	1	0	22.67	22.44	22.70	22.54	22.47	23.5	2
5	64QAM	1	12	22.45	22.60	22.71	22.58	22.36		
5	64QAM	1	24	22.67	22.47	22.60	22.45	22.40		
5	64QAM	12	0	21.71	21.55	21.67	21.59	21.47	22.5	3
5	64QAM	12	7	21.72	21.65	21.79	21.59	21.53		
5	64QAM	12	13	21.71	21.61	21.75	21.47	21.49		
5	64QAM	25	0	21.67	21.69	21.75	21.56	21.47		
5	256QAM	1	0	19.73	19.62	19.62	19.40	19.44	20.5	5
5	256QAM	1	12	19.67	19.60	19.79	19.43	19.45		
5	256QAM	1	24	19.59	19.64	19.75	19.59	19.51		
5	256QAM	12	0	19.61	19.59	19.71	19.67	19.53	20.5	5
5	256QAM	12	7	19.69	19.55	19.79	19.49	19.47		
5	256QAM	12	13	19.71	19.63	19.67	19.53	19.42		
5	256QAM	25	0	19.62	19.59	19.79	19.52	19.56		

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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	20.79	20.96	20.86	22.5	0
20	QPSK	1	49	20.71	20.75	20.78		
20	QPSK	1	99	20.75	20.76	20.77		
20	QPSK	50	0	20.72	20.77	20.66	22.5	0
20	QPSK	50	24	20.68	20.59	20.57		
20	QPSK	50	50	20.57	20.71	20.64		
20	QPSK	100	0	20.60	20.73	20.56		
20	16QAM	1	0	20.83	20.90	20.79	22.5	0
20	16QAM	1	49	20.88	20.89	20.67		
20	16QAM	1	99	20.86	20.83	20.93		
20	16QAM	50	0	20.69	20.75	20.77	22.5	0
20	16QAM	50	24	20.72	20.66	20.87		
20	16QAM	50	50	20.75	20.61	20.68		
20	16QAM	100	0	20.56	20.63	20.61		
20	64QAM	1	0	20.72	20.85	20.76	22.5	0
20	64QAM	1	49	20.72	20.86	20.88		
20	64QAM	1	99	20.70	20.60	20.73		
20	64QAM	50	0	19.75	19.86	19.75	21.5	1
20	64QAM	50	24	19.62	19.75	19.71		
20	64QAM	50	50	19.72	19.83	19.68		
20	64QAM	100	0	19.71	19.56	19.71		
20	256QAM	1	0	17.77	17.72	17.64	19.5	3
20	256QAM	1	49	17.63	17.66	17.71		
20	256QAM	1	99	17.80	17.57	17.70		
20	256QAM	50	0	17.71	17.85	17.61	19.5	3
20	256QAM	50	24	17.71	17.67	17.79		
20	256QAM	50	50	17.82	17.83	17.75		
20	256QAM	100	0	17.76	17.79	17.58		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	20.71	20.79	20.82	22.5	0
15	QPSK	1	37	20.54	20.56	20.78		
15	QPSK	1	74	20.56	20.57	20.57		
15	QPSK	36	0	20.69	20.90	20.61	22.5	0
15	QPSK	36	20	20.63	20.67	20.57		
15	QPSK	36	39	20.68	20.74	20.60		
15	QPSK	75	0	20.73	20.79	20.60		
15	16QAM	1	0	20.70	20.72	20.68	22.5	0
15	16QAM	1	37	20.86	20.82	20.68		
15	16QAM	1	74	20.70	20.78	20.93		
15	16QAM	36	0	20.51	20.57	20.72	22.5	0
15	16QAM	36	20	20.73	20.55	20.67		
15	16QAM	36	39	20.72	20.50	20.64		
15	16QAM	75	0	20.50	20.56	20.54		
15	64QAM	1	0	20.72	20.86	20.71	22.5	0
15	64QAM	1	37	20.69	20.69	20.79		
15	64QAM	1	74	20.65	20.50	20.67		
15	64QAM	36	0	19.64	19.79	19.61	21.5	1
15	64QAM	36	20	19.63	19.58	19.54		
15	64QAM	36	39	19.72	19.79	19.55		
15	64QAM	75	0	19.62	19.63	19.70		
15	256QAM	1	0	17.81	17.69	17.60	19.5	3
15	256QAM	1	37	17.64	17.70	17.75		
15	256QAM	1	74	17.80	17.57	17.71		
15	256QAM	36	0	17.71	17.89	17.59	19.5	3
15	256QAM	36	20	17.67	17.65	17.84		
15	256QAM	36	39	17.85	17.78	17.75		
15	256QAM	75	0	17.78	17.81	17.54		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	20.62	20.85	20.82	22.5	0
10	QPSK	1	25	20.62	20.53	20.80		
10	QPSK	1	49	20.64	20.70	20.68		
10	QPSK	25	0	20.71	20.67	20.54	22.5	0
10	QPSK	25	12	20.68	20.59	20.50		
10	QPSK	25	25	20.53	20.69	20.62		
10	QPSK	50	0	20.55	20.71	20.51		
10	16QAM	1	0	20.70	20.77	20.59	22.5	0
10	16QAM	1	25	20.85	20.82	20.65		
10	16QAM	1	49	20.70	20.66	20.86		
10	16QAM	25	0	20.56	20.55	20.74	22.5	0
10	16QAM	25	12	20.63	20.67	20.75		
10	16QAM	25	25	20.54	20.55	20.59		
10	16QAM	50	0	20.59	20.59	20.57		
10	64QAM	1	0	20.59	20.79	20.55	22.5	0
10	64QAM	1	25	20.52	20.77	20.70		
10	64QAM	1	49	20.66	20.66	20.60		
10	64QAM	25	0	19.69	19.75	19.62	21.5	1
10	64QAM	25	12	19.52	19.54	19.71		
10	64QAM	25	25	19.59	19.62	19.66		
10	64QAM	50	0	19.70	19.56	19.66		
10	256QAM	1	0	17.72	17.73	17.62	19.5	3
10	256QAM	1	25	17.58	17.68	17.69		
10	256QAM	1	49	17.82	17.54	17.68		
10	256QAM	25	0	17.68	17.87	17.64	19.5	3
10	256QAM	25	12	17.72	17.68	17.78		
10	256QAM	25	25	17.78	17.79	17.73		
10	256QAM	50	0	17.78	17.79	17.57		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	20.68	20.72	20.70	22.5	0
5	QPSK	1	12	20.67	20.55	20.59		
5	QPSK	1	24	20.59	20.61	20.72		
5	QPSK	12	0	20.53	20.67	20.57	22.5	0
5	QPSK	12	7	20.52	20.55	20.58		
5	QPSK	12	13	20.53	20.67	20.60		
5	QPSK	25	0	20.51	20.51	20.65		
5	16QAM	1	0	20.68	20.87	20.62	22.5	0
5	16QAM	1	12	20.85	20.76	20.58		
5	16QAM	1	24	20.78	20.76	20.76		
5	16QAM	12	0	20.50	20.64	20.52	22.5	0
5	16QAM	12	7	20.69	20.59	20.69		
5	16QAM	12	13	20.58	20.58	20.63		
5	16QAM	25	0	20.51	20.59	20.50		
5	64QAM	1	0	20.53	20.80	20.51	22.5	0
5	64QAM	1	12	20.51	20.67	20.71		
5	64QAM	1	24	20.59	20.57	20.55		
5	64QAM	12	0	19.67	19.73	19.53	21.5	1
5	64QAM	12	7	19.56	19.55	19.53		
5	64QAM	12	13	19.68	19.78	19.52		
5	64QAM	25	0	19.66	19.62	19.50		
5	256QAM	1	0	17.74	17.71	17.65	19.5	3
5	256QAM	1	12	17.62	17.65	17.70		
5	256QAM	1	24	17.79	17.59	17.73		
5	256QAM	12	0	17.66	17.82	17.57	19.5	3
5	256QAM	12	7	17.73	17.71	17.83		
5	256QAM	12	13	17.79	17.85	17.75		
5	256QAM	25	0	17.78	17.78	17.55		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	20.61	20.72	20.80	22.5	0
3	QPSK	1	8	20.60	20.68	20.72		
3	QPSK	1	14	20.81	20.77	20.73		
3	QPSK	8	0	20.77	20.77	20.57	22.5	0
3	QPSK	8	4	20.74	20.58	20.59		
3	QPSK	8	7	20.58	20.77	20.53		
3	QPSK	15	0	20.63	20.75	20.55		
3	16QAM	1	0	20.78	20.86	20.90	22.5	0
3	16QAM	1	8	20.86	20.90	20.61		
3	16QAM	1	14	20.79	20.87	20.91		
3	16QAM	8	0	20.63	20.67	20.84	22.5	0
3	16QAM	8	4	20.79	20.75	20.89		
3	16QAM	8	7	20.66	20.50	20.59		
3	16QAM	15	0	20.53	20.54	20.69		
3	64QAM	1	0	20.76	20.88	20.77	22.5	0
3	64QAM	1	8	20.68	20.88	20.83		
3	64QAM	1	14	20.68	20.55	20.69		
3	64QAM	8	0	19.70	19.86	19.87	21.5	1
3	64QAM	8	4	19.71	19.76	19.83		
3	64QAM	8	7	19.70	19.93	19.60		
3	64QAM	15	0	19.67	19.50	19.67		
3	256QAM	1	0	17.73	17.71	17.63	19.5	3
3	256QAM	1	8	17.59	17.61	17.73		
3	256QAM	1	14	17.80	17.60	17.70		
3	256QAM	8	0	17.66	17.88	17.65	19.5	3
3	256QAM	8	4	17.69	17.67	17.77		
3	256QAM	8	7	17.78	17.83	17.73		
3	256QAM	15	0	17.78	17.84	17.55		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	20.63	20.90	20.80	22.5	0
1.4	QPSK	1	3	20.64	20.70	20.77		
1.4	QPSK	1	5	20.69	20.82	20.63		
1.4	QPSK	3	0	20.61	20.73	20.68		
1.4	QPSK	3	1	20.64	20.51	20.55		
1.4	QPSK	3	3	20.58	20.73	20.62		
1.4	QPSK	6	0	20.53	20.70	20.59	22.5	0
1.4	16QAM	1	0	20.80	20.97	20.63	22.5	0
1.4	16QAM	1	3	20.84	20.73	20.62		
1.4	16QAM	1	5	20.87	20.74	20.84		
1.4	16QAM	3	0	20.72	20.60	20.69		
1.4	16QAM	3	1	20.72	20.68	20.83		
1.4	16QAM	3	3	20.65	20.56	20.59		
1.4	16QAM	6	0	20.52	20.63	20.69	22.5	0
1.4	64QAM	1	0	20.74	20.70	20.70	22.5	0
1.4	64QAM	1	3	20.73	20.84	20.83		
1.4	64QAM	1	5	20.67	20.61	20.60		
1.4	64QAM	3	0	20.75	20.76	20.61		
1.4	64QAM	3	1	20.57	20.80	20.70		
1.4	64QAM	3	3	20.77	20.74	20.59		
1.4	64QAM	6	0	19.57	19.53	19.56	21.5	1
1.4	256QAM	1	0	17.81	17.73	17.64	19.5	3
1.4	256QAM	1	3	17.59	17.67	17.72		
1.4	256QAM	1	5	17.82	17.59	17.67		
1.4	256QAM	3	0	17.66	17.88	17.61		
1.4	256QAM	3	1	17.74	17.71	17.79		
1.4	256QAM	3	3	17.82	17.88	17.74		
1.4	256QAM	6	0	17.75	17.82	17.55	19.5	3

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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	20.37	20.45	20.30	21.5	0
20	QPSK	1	49	20.31	20.28	20.26		
20	QPSK	1	99	20.28	20.33	20.21		
20	QPSK	50	0	20.26	20.38	20.35	21.5	0
20	QPSK	50	24	20.31	20.34	20.26		
20	QPSK	50	50	20.24	20.29	20.31		
20	QPSK	100	0	20.24	20.32	20.17		
20	16QAM	1	0	20.20	20.44	20.31	21.5	0
20	16QAM	1	49	20.40	20.32	20.20		
20	16QAM	1	99	20.25	20.14	20.40		
20	16QAM	50	0	20.22	20.25	20.34	21.5	0
20	16QAM	50	24	20.21	20.27	20.35		
20	16QAM	50	50	20.36	20.35	20.30		
20	16QAM	100	0	20.32	20.20	20.07		
20	64QAM	1	0	20.23	20.14	20.36	21.5	0
20	64QAM	1	49	20.33	20.14	20.35		
20	64QAM	1	99	20.34	20.34	20.20		
20	64QAM	50	0	20.17	20.13	20.23	21.5	0
20	64QAM	50	24	20.24	20.30	20.30		
20	64QAM	50	50	20.38	20.26	20.24		
20	64QAM	100	0	20.22	20.24	20.42		
20	256QAM	1	0	19.03	19.15	18.97	20.5	1
20	256QAM	1	49	19.11	19.07	19.05		
20	256QAM	1	99	19.20	19.23	19.05		
20	256QAM	50	0	19.19	19.38	19.38	20.5	1
20	256QAM	50	24	19.42	19.30	19.31		
20	256QAM	50	50	19.40	19.33	19.25		
20	256QAM	100	0	19.37	19.46	19.26		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.28	20.32	20.18	21.5	0
15	QPSK	1	37	20.26	20.29	20.13		
15	QPSK	1	74	20.07	20.18	20.10		
15	QPSK	36	0	20.14	20.32	20.23	21.5	0
15	QPSK	36	20	20.29	20.27	20.17		
15	QPSK	36	39	20.18	20.08	20.14		
15	QPSK	75	0	20.05	20.22	19.95		
15	16QAM	1	0	20.11	20.25	20.23	21.5	0
15	16QAM	1	37	20.36	20.10	20.13		
15	16QAM	1	74	20.21	20.02	20.19		
15	16QAM	36	0	20.02	20.04	20.35	21.5	0
15	16QAM	36	20	20.20	20.11	20.30		
15	16QAM	36	39	20.34	20.31	20.31		
15	16QAM	75	0	20.26	20.17	19.87		
15	64QAM	1	0	20.17	20.08	20.15	21.5	0
15	64QAM	1	37	20.26	20.10	20.35		
15	64QAM	1	74	20.14	20.28	20.14		
15	64QAM	36	0	20.11	20.04	20.03	21.5	0
15	64QAM	36	20	20.05	20.12	20.13		
15	64QAM	36	39	20.30	20.06	20.06		
15	64QAM	75	0	20.08	20.05	20.40		
15	256QAM	1	0	19.20	19.39	19.15	20.5	1
15	256QAM	1	37	19.12	19.13	19.10		
15	256QAM	1	74	19.28	19.31	19.30		
15	256QAM	36	0	19.30	19.62	19.47	20.5	1
15	256QAM	36	20	19.40	19.48	19.39		
15	256QAM	36	39	19.43	19.33	19.33		
15	256QAM	75	0	19.42	19.51	19.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.12	20.30	20.23	21.5	0
10	QPSK	1	25	20.23	20.02	19.99		
10	QPSK	1	49	20.03	20.23	20.05		
10	QPSK	25	0	20.15	20.25	20.28	21.5	0
10	QPSK	25	12	20.21	20.25	20.10		
10	QPSK	25	25	20.14	20.24	20.26		
10	QPSK	50	0	20.03	20.17	19.93		
10	16QAM	1	0	20.03	20.20	20.26	21.5	0
10	16QAM	1	25	20.18	20.18	20.13		
10	16QAM	1	49	20.02	20.05	20.29		
10	16QAM	25	0	20.09	20.06	20.16	21.5	0
10	16QAM	25	12	20.08	20.08	20.11		
10	16QAM	25	25	20.13	20.08	20.04		
10	16QAM	50	0	20.06	20.14	19.87		
10	64QAM	1	0	20.13	19.98	20.28	21.5	0
10	64QAM	1	25	20.16	20.04	20.13		
10	64QAM	1	49	20.24	20.10	20.15		
10	64QAM	25	0	19.96	19.90	19.97	21.5	0
10	64QAM	25	12	20.16	20.13	20.03		
10	64QAM	25	25	20.18	20.06	20.11		
10	64QAM	50	0	20.18	20.03	20.34		
10	256QAM	1	0	19.02	19.22	19.24	20.5	1
10	256QAM	1	25	19.09	19.06	19.16		
10	256QAM	1	49	19.31	19.20	19.20		
10	256QAM	25	0	19.24	19.50	19.46	20.5	1
10	256QAM	25	12	19.40	19.28	19.38		
10	256QAM	25	25	19.19	19.18	19.30		
10	256QAM	50	0	19.46	19.35	19.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.25	20.21	20.10	21.5	0
5	QPSK	1	12	20.00	20.16	20.10		
5	QPSK	1	24	20.13	20.16	19.98		
5	QPSK	12	0	20.08	20.10	20.10	21.5	0
5	QPSK	12	7	20.18	20.25	19.99		
5	QPSK	12	13	20.14	20.18	20.10		
5	QPSK	25	0	20.11	20.20	19.90		
5	16QAM	1	0	19.97	20.17	20.09	21.5	0
5	16QAM	1	12	20.32	20.07	19.96		
5	16QAM	1	24	20.04	20.00	20.31		
5	16QAM	12	0	19.92	20.00	20.25	21.5	0
5	16QAM	12	7	19.93	19.95	20.04		
5	16QAM	12	13	20.21	20.07	20.12		
5	16QAM	25	0	20.03	19.99	19.81		
5	64QAM	1	0	19.93	20.04	20.22	21.5	0
5	64QAM	1	12	20.19	19.84	20.18		
5	64QAM	1	24	20.11	20.18	19.88		
5	64QAM	12	0	19.97	19.87	19.99	21.5	0
5	64QAM	12	7	19.98	20.20	20.20		
5	64QAM	12	13	20.15	20.08	19.92		
5	64QAM	25	0	20.08	19.95	20.29		
5	256QAM	1	0	18.98	19.20	19.03	20.5	1
5	256QAM	1	12	19.20	19.04	19.20		
5	256QAM	1	24	19.05	19.26	19.18		
5	256QAM	12	0	19.25	19.45	19.40	20.5	1
5	256QAM	12	7	19.19	19.26	19.41		
5	256QAM	12	13	19.14	19.27	19.16		
5	256QAM	25	0	19.38	19.25	19.29		

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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	21.10	21.14	20.85	22.5	0
20	QPSK	1	49	21.00	20.90	21.04		
20	QPSK	1	99	20.86	20.87	20.96		
20	QPSK	50	0	20.96	21.09	20.90	22.5	0
20	QPSK	50	24	21.01	20.98	20.86		
20	QPSK	50	50	20.95	20.96	20.89		
20	QPSK	100	0	20.79	20.94	20.90		
20	16QAM	1	0	20.83	21.08	20.88	22.5	0
20	16QAM	1	49	20.90	20.93	21.08		
20	16QAM	1	99	20.95	21.07	20.83		
20	16QAM	50	0	20.92	20.95	20.88	22.5	0
20	16QAM	50	24	20.99	21.04	20.89		
20	16QAM	50	50	20.95	20.98	21.12		
20	16QAM	100	0	20.92	20.81	20.90		
20	64QAM	1	0	21.07	20.91	20.86	22.5	0
20	64QAM	1	49	21.02	21.04	20.97		
20	64QAM	1	99	20.94	20.98	21.08		
20	64QAM	50	0	19.76	19.93	19.78	21.5	1
20	64QAM	50	24	20.03	19.98	19.92		
20	64QAM	50	50	19.88	20.04	20.02		
20	64QAM	100	0	19.88	19.90	19.78		
20	256QAM	1	0	18.07	18.03	17.86	19.5	3
20	256QAM	1	49	18.01	18.06	17.85		
20	256QAM	1	99	17.96	17.85	17.78		
20	256QAM	50	0	17.99	18.00	17.99	19.5	3
20	256QAM	50	24	17.92	18.00	17.99		
20	256QAM	50	50	17.94	17.91	17.90		
20	256QAM	100	0	17.84	17.96	17.92		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.96	21.06	20.87	22.5	0
15	QPSK	1	37	20.92	20.70	21.05		
15	QPSK	1	74	20.75	20.79	20.83		
15	QPSK	36	0	20.78	20.93	20.69	22.5	0
15	QPSK	36	20	20.95	20.92	20.68		
15	QPSK	36	39	20.96	20.75	20.81		
15	QPSK	75	0	20.58	20.89	20.83		
15	16QAM	1	0	20.83	21.03	20.88	22.5	0
15	16QAM	1	37	20.90	20.83	20.97		
15	16QAM	1	74	20.77	21.07	20.84		
15	16QAM	36	0	20.83	20.92	20.76	22.5	0
15	16QAM	36	20	20.94	21.00	20.90		
15	16QAM	36	39	20.87	20.81	20.92		
15	16QAM	75	0	20.74	20.75	20.77		
15	64QAM	1	0	21.09	20.83	20.72	22.5	0
15	64QAM	1	37	20.92	21.04	20.82		
15	64QAM	1	74	20.95	20.86	20.87		
15	64QAM	36	0	19.68	19.92	19.79	21.5	1
15	64QAM	36	20	19.89	19.89	19.79		
15	64QAM	36	39	19.66	19.94	19.84		
15	64QAM	75	0	19.90	19.82	19.72		
15	256QAM	1	0	17.94	17.88	17.75	19.5	3
15	256QAM	1	37	17.87	17.92	17.84		
15	256QAM	1	74	17.88	17.76	17.78		
15	256QAM	36	0	17.84	17.95	17.86	19.5	3
15	256QAM	36	20	17.79	17.87	17.94		
15	256QAM	36	39	17.84	17.75	17.74		
15	256QAM	75	0	17.72	17.92	17.80		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.97	21.00	20.77	22.5	0
10	QPSK	1	25	20.91	20.77	20.85		
10	QPSK	1	49	20.83	20.70	20.81		
10	QPSK	25	0	20.84	20.96	20.82	22.5	0
10	QPSK	25	12	20.82	20.87	20.80		
10	QPSK	25	25	20.88	20.86	20.87		
10	QPSK	50	0	20.70	20.88	20.76		
10	16QAM	1	0	20.75	20.96	20.74	22.5	0
10	16QAM	1	25	20.73	20.78	21.00		
10	16QAM	1	49	20.93	20.94	20.72		
10	16QAM	25	0	20.92	20.78	20.75	22.5	0
10	16QAM	25	12	20.88	20.90	20.86		
10	16QAM	25	25	20.78	20.95	20.92		
10	16QAM	50	0	20.83	20.79	20.79		
10	64QAM	1	0	20.96	20.74	20.68	22.5	0
10	64QAM	1	25	20.92	20.96	20.90		
10	64QAM	1	49	20.77	20.95	20.89		
10	64QAM	25	0	19.68	19.74	19.72	21.5	1
10	64QAM	25	12	19.99	19.82	19.89		
10	64QAM	25	25	19.76	19.88	19.81		
10	64QAM	50	0	19.80	19.84	19.64		
10	256QAM	1	0	17.98	17.96	17.68	19.5	3
10	256QAM	1	25	17.89	17.88	17.75		
10	256QAM	1	49	17.74	17.67	17.80		
10	256QAM	25	0	17.99	17.93	18.00	19.5	3
10	256QAM	25	12	17.88	17.78	18.00		
10	256QAM	25	25	17.94	17.73	17.70		
10	256QAM	50	0	17.85	17.79	17.81		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.87	20.97	20.64	22.5	0
5	QPSK	1	12	20.97	20.70	20.77		
5	QPSK	1	24	20.82	20.70	20.91		
5	QPSK	12	0	20.70	20.96	20.85	22.5	0
5	QPSK	12	7	20.97	20.86	20.70		
5	QPSK	12	13	20.90	20.90	20.81		
5	QPSK	25	0	20.53	20.87	20.73		
5	16QAM	1	0	20.67	20.94	20.81	22.5	0
5	16QAM	1	12	20.85	20.79	20.93		
5	16QAM	1	24	20.85	21.02	20.64		
5	16QAM	12	0	20.79	20.73	20.66	22.5	0
5	16QAM	12	7	20.76	20.91	20.86		
5	16QAM	12	13	20.89	20.87	20.94		
5	16QAM	25	0	20.80	20.57	20.71		
5	64QAM	1	0	20.94	20.76	20.67	22.5	0
5	64QAM	1	12	20.85	20.82	20.92		
5	64QAM	1	24	20.83	20.78	21.03		
5	64QAM	12	0	19.57	19.89	19.63	21.5	1
5	64QAM	12	7	19.85	19.73	19.83		
5	64QAM	12	13	19.66	19.82	19.94		
5	64QAM	25	0	19.84	19.74	19.66		
5	256QAM	1	0	17.92	17.95	17.78	19.5	3
5	256QAM	1	12	17.79	17.93	17.66		
5	256QAM	1	24	17.88	17.66	17.62		
5	256QAM	12	0	17.74	17.91	17.80	19.5	3
5	256QAM	12	7	17.79	17.75	17.83		
5	256QAM	12	13	17.68	17.76	17.80		
5	256QAM	25	0	17.72	17.86	17.67		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.94	20.88	20.79	22.5	0
3	QPSK	1	8	20.86	20.66	20.80		
3	QPSK	1	14	20.61	20.71	20.78		
3	QPSK	8	0	20.75	20.93	20.87	22.5	0
3	QPSK	8	4	20.96	20.79	20.80		
3	QPSK	8	7	20.70	20.82	20.65		
3	QPSK	15	0	20.67	20.85	20.75		
3	16QAM	1	0	20.70	20.84	20.77	22.5	0
3	16QAM	1	8	20.64	20.70	20.98		
3	16QAM	1	14	20.68	21.00	20.76		
3	16QAM	8	0	20.65	20.83	20.63	22.5	0
3	16QAM	8	4	20.81	20.96	20.82		
3	16QAM	8	7	20.90	20.86	20.86		
3	16QAM	15	0	20.66	20.70	20.86		
3	64QAM	1	0	20.85	20.74	20.69	22.5	0
3	64QAM	1	8	20.84	20.83	20.71		
3	64QAM	1	14	20.80	20.93	20.99		
3	64QAM	8	0	19.72	19.82	19.69	21.5	1
3	64QAM	8	4	19.93	19.81	19.74		
3	64QAM	8	7	19.72	19.90	19.81		
3	64QAM	15	0	19.65	19.69	19.74		
3	256QAM	1	0	17.97	17.96	17.76	19.5	3
3	256QAM	1	8	17.78	17.88	17.65		
3	256QAM	1	14	17.84	17.66	17.74		
3	256QAM	8	0	17.89	17.76	17.74	19.5	3
3	256QAM	8	4	17.67	17.86	17.92		
3	256QAM	8	7	17.68	17.73	17.87		
3	256QAM	15	0	17.80	17.89	17.67		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.92	20.82	20.73	22.5	0
1.4	QPSK	1	3	20.85	20.60	20.78		
1.4	QPSK	1	5	20.62	20.55	20.83		
1.4	QPSK	3	0	20.83	20.81	20.63		
1.4	QPSK	3	1	20.87	20.68	20.60		
1.4	QPSK	3	3	20.64	20.75	20.72		
1.4	QPSK	6	0	20.56	20.66	20.64	22.5	0
1.4	16QAM	1	0	20.70	20.97	20.74	22.5	0
1.4	16QAM	1	3	20.67	20.70	21.00		
1.4	16QAM	1	5	20.82	20.98	20.75		
1.4	16QAM	3	0	20.64	20.72	20.57		
1.4	16QAM	3	1	20.75	20.86	20.65		
1.4	16QAM	3	3	20.78	20.73	20.87		
1.4	16QAM	6	0	20.82	20.60	20.59	22.5	0
1.4	64QAM	1	0	20.95	20.77	20.63	22.5	0
1.4	64QAM	1	3	20.72	20.75	20.68		
1.4	64QAM	1	5	20.70	20.80	20.85		
1.4	64QAM	3	0	20.68	20.72	20.54		
1.4	64QAM	3	1	20.82	20.73	20.65		
1.4	64QAM	3	3	20.65	20.72	20.92		
1.4	64QAM	6	0	19.56	19.82	19.57	21.5	1
1.4	256QAM	1	0	17.90	17.93	17.75	19.5	3
1.4	256QAM	1	3	17.71	17.83	17.71		
1.4	256QAM	1	5	17.87	17.76	17.62		
1.4	256QAM	3	0	17.80	17.87	17.88		
1.4	256QAM	3	1	17.76	17.87	17.71		
1.4	256QAM	3	3	17.81	17.82	17.78		
1.4	256QAM	6	0	17.56	17.73	17.84	19.5	3

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.47	23.59	23.34	24.5	0
20	QPSK	1	49	23.36	23.39	23.32		
20	QPSK	1	99	23.41	23.43	23.41		
20	QPSK	50	0	23.37	23.43	23.40	24.5	0
20	QPSK	50	24	23.31	23.34	23.26		
20	QPSK	50	50	23.29	23.20	23.38		
20	QPSK	100	0	23.20	23.31	23.26		
20	16QAM	1	0	23.20	23.36	23.39	24.5	0
20	16QAM	1	49	23.50	23.44	23.32		
20	16QAM	1	99	23.46	23.35	23.27		
20	16QAM	50	0	22.21	22.39	22.35	23.5	1
20	16QAM	50	24	22.30	22.44	22.30		
20	16QAM	50	50	22.33	22.55	22.30		
20	16QAM	100	0	22.25	22.20	22.52		
20	64QAM	1	0	22.24	22.36	22.41	23.5	1
20	64QAM	1	49	22.32	22.41	22.40		
20	64QAM	1	99	22.31	22.18	22.42		
20	64QAM	50	0	21.35	21.37	21.45	22.5	2
20	64QAM	50	24	21.46	21.45	21.40		
20	64QAM	50	50	21.22	21.47	21.45		
20	64QAM	100	0	21.24	21.25	21.52		
20	256QAM	1	0	19.16	19.21	19.08	20.5	4
20	256QAM	1	49	19.26	18.99	18.97		
20	256QAM	1	99	19.07	19.05	19.15		
20	256QAM	50	0	19.16	19.18	19.08	20.5	4
20	256QAM	50	24	19.21	19.20	19.13		
20	256QAM	50	50	19.22	19.31	19.03		
20	256QAM	100	0	19.03	19.30	18.98		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.47	23.44	23.34	24.5	0
15	QPSK	1	37	23.37	23.36	23.24		
15	QPSK	1	74	23.24	23.25	23.39		
15	QPSK	36	0	23.16	23.36	23.28	24.5	0
15	QPSK	36	20	23.31	23.25	23.21		
15	QPSK	36	39	23.22	23.02	23.21		
15	QPSK	75	0	23.02	23.18	23.08		
15	16QAM	1	0	23.11	23.26	23.40	24.5	0
15	16QAM	1	37	23.31	23.22	23.31		
15	16QAM	1	74	23.42	23.36	23.27		
15	16QAM	36	0	22.13	22.20	22.33	23.5	1
15	16QAM	36	20	22.19	22.37	22.09		
15	16QAM	36	39	22.14	22.42	22.25		
15	16QAM	75	0	22.19	22.06	22.31		
15	64QAM	1	0	22.24	22.26	22.25	23.5	1
15	64QAM	1	37	22.21	22.34	22.19		
15	64QAM	1	74	22.32	22.10	22.43		
15	64QAM	36	0	21.29	21.25	21.34	22.5	2
15	64QAM	36	20	21.47	21.28	21.22		
15	64QAM	36	39	21.19	21.47	21.35		
15	64QAM	75	0	21.07	21.07	21.34		
15	256QAM	1	0	19.16	19.21	19.08	20.5	4
15	256QAM	1	37	19.26	18.99	18.97		
15	256QAM	1	74	19.07	19.05	19.15		
15	256QAM	36	0	19.16	19.18	19.08	20.5	4
15	256QAM	36	20	19.21	19.20	19.13		
15	256QAM	36	39	19.22	19.31	19.03		
15	256QAM	75	0	19.03	19.30	18.98		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.26	23.36	23.28	24.5	0
10	QPSK	1	25	23.33	23.36	23.25		
10	QPSK	1	49	23.37	23.27	23.37		
10	QPSK	25	0	23.25	23.17	23.24	24.5	0
10	QPSK	25	12	23.05	23.23	23.00		
10	QPSK	25	25	23.09	23.13	23.12		
10	QPSK	50	0	23.06	23.13	23.07		
10	16QAM	1	0	22.97	23.33	23.35	24.5	0
10	16QAM	1	25	23.34	23.36	23.22		
10	16QAM	1	49	23.27	23.15	23.02		
10	16QAM	25	0	21.95	22.19	22.12	23.5	1
10	16QAM	25	12	22.18	22.29	22.26		
10	16QAM	25	25	22.19	22.31	22.12		
10	16QAM	50	0	22.21	22.12	22.37		
10	64QAM	1	0	21.98	22.26	22.22	23.5	1
10	64QAM	1	25	22.24	22.33	22.35		
10	64QAM	1	49	22.23	21.97	22.25		
10	64QAM	25	0	21.27	21.24	21.40	22.5	2
10	64QAM	25	12	21.30	21.32	21.25		
10	64QAM	25	25	21.11	21.23	21.30		
10	64QAM	50	0	21.05	20.99	21.34		
10	256QAM	1	0	19.03	19.40	19.10	20.5	4
10	256QAM	1	25	19.31	19.16	19.08		
10	256QAM	1	49	19.07	19.08	19.28		
10	256QAM	25	0	19.27	19.28	19.06	20.5	4
10	256QAM	25	12	19.23	19.14	19.15		
10	256QAM	25	25	19.27	19.36	19.02		
10	256QAM	50	0	19.01	19.28	19.14		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.30	23.31	23.05	24.5	0
5	QPSK	1	12	23.17	23.29	23.07		
5	QPSK	1	24	23.24	23.25	23.23		
5	QPSK	12	0	23.06	23.28	23.14	24.5	0
5	QPSK	12	7	23.16	23.10	23.00		
5	QPSK	12	13	23.06	22.91	23.22		
5	QPSK	25	0	22.96	23.14	22.98		
5	16QAM	1	0	23.10	23.15	23.11	24.5	0
5	16QAM	1	12	23.28	23.32	23.22		
5	16QAM	1	24	23.16	23.16	23.04		
5	16QAM	12	0	22.04	22.18	22.06	23.5	1
5	16QAM	12	7	22.03	22.14	22.06		
5	16QAM	12	13	22.11	22.23	22.12		
5	16QAM	25	0	22.01	22.04	22.25		
5	64QAM	1	0	22.14	22.13	22.13	23.5	1
5	64QAM	1	12	22.10	22.12	22.22		
5	64QAM	1	24	22.05	21.91	22.24		
5	64QAM	12	0	21.16	21.20	21.31	22.5	2
5	64QAM	12	7	21.30	21.15	21.09		
5	64QAM	12	13	21.13	21.18	21.16		
5	64QAM	25	0	21.14	21.03	21.30		
5	256QAM	1	0	19.16	19.21	19.08	20.5	4
5	256QAM	1	12	19.26	18.99	18.97		
5	256QAM	1	24	19.07	19.05	19.15		
5	256QAM	12	0	19.16	19.18	19.08	20.5	4
5	256QAM	12	7	19.21	19.20	19.13		
5	256QAM	12	13	19.22	19.31	19.03		
5	256QAM	25	0	19.03	19.30	18.98		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.32	24.21	24.38	24.27	24.25	25.5	0
20	QPSK	1	49	24.30	24.24	24.33	24.18	24.18		
20	QPSK	1	99	24.27	24.24	24.29	24.21	24.15		
20	QPSK	50	0	23.42	23.24	23.45	23.31	23.18	24.5	1
20	QPSK	50	24	23.43	23.32	23.41	23.30	23.23		
20	QPSK	50	50	23.41	23.29	23.38	23.22	23.16		
20	QPSK	100	0	23.42	23.30	23.44	23.37	23.25		
20	16QAM	1	0	23.33	23.21	23.41	23.27	23.19	24.5	1
20	16QAM	1	49	23.33	23.38	23.35	23.38	23.22		
20	16QAM	1	99	23.31	23.26	23.35	23.12	23.16		
20	16QAM	50	0	22.45	22.27	22.33	22.33	22.19	23.5	2
20	16QAM	50	24	22.46	22.34	22.42	22.30	22.18		
20	16QAM	50	50	22.39	22.32	22.39	22.27	22.18		
20	16QAM	100	0	22.41	22.31	22.41	22.29	22.14		
20	64QAM	1	0	22.33	22.18	22.38	22.23	22.19	23.5	2
20	64QAM	1	49	22.40	22.38	22.42	22.23	22.25		
20	64QAM	1	99	22.29	22.27	22.30	22.25	22.17		
20	64QAM	50	0	21.46	21.26	21.33	21.31	21.21	22.5	3
20	64QAM	50	24	21.43	21.33	21.43	21.32	21.19		
20	64QAM	50	50	21.41	21.31	21.41	21.28	21.18		
20	64QAM	100	0	21.44	21.33	21.42	21.28	21.17		
20	256QAM	1	0	19.43	19.30	19.32	19.35	19.36	20.5	5
20	256QAM	1	49	19.22	19.18	19.33	19.21	19.21		
20	256QAM	1	99	19.18	19.16	19.31	19.28	19.18		
20	256QAM	50	0	19.36	19.18	19.41	19.42	19.25	20.5	5
20	256QAM	50	24	19.40	19.37	19.39	19.18	19.19		
20	256QAM	50	50	19.38	19.41	19.36	19.22	19.17		
20	256QAM	100	0	19.50	19.23	19.42	19.27	19.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.78	23.65	23.83	23.78	23.73	25.50	0
15	QPSK	1	37	23.72	23.76	23.79	23.60	23.71		
15	QPSK	1	74	23.76	23.77	23.75	23.65	23.63		
15	QPSK	36	0	22.83	22.73	22.80	22.77	22.61	24.5	1
15	QPSK	36	20	22.82	22.80	22.82	22.80	22.67		
15	QPSK	36	39	22.84	22.77	22.86	22.66	22.64		
15	QPSK	75	0	22.87	22.73	22.95	22.72	22.75		
15	16QAM	1	0	22.77	22.67	22.87	22.74	22.72	24.5	1
15	16QAM	1	37	22.98	22.82	22.89	22.83	22.78		
15	16QAM	1	74	22.73	22.73	22.90	22.77	22.73		
15	16QAM	36	0	21.88	21.81	21.77	21.85	21.77	23.5	2
15	16QAM	36	20	21.94	21.87	21.90	21.85	21.77		
15	16QAM	36	39	21.89	21.84	21.94	21.73	21.70		
15	16QAM	75	0	21.94	21.81	21.88	21.80	21.78		
15	64QAM	1	0	21.80	21.73	21.93	21.69	21.73	23.5	2
15	64QAM	1	37	21.91	21.91	21.88	21.66	21.80		
15	64QAM	1	74	21.74	21.82	21.82	21.73	21.66		
15	64QAM	36	0	20.95	20.74	20.78	20.86	20.74	22.5	3
15	64QAM	36	20	20.92	20.76	20.90	20.77	20.69		
15	64QAM	36	39	20.87	20.86	20.85	20.80	20.73		
15	64QAM	75	0	20.98	20.84	20.89	20.73	20.69		
15	256QAM	1	0	18.80	18.54	18.85	18.87	18.76	20.5	5
15	256QAM	1	37	18.76	18.68	18.90	18.68	18.70		
15	256QAM	1	74	18.83	18.79	18.66	18.74	18.69		
15	256QAM	36	0	18.80	18.82	18.86	18.76	18.66	20.5	5
15	256QAM	36	20	18.88	18.91	18.94	18.89	18.76		
15	256QAM	36	39	18.80	18.72	18.79	18.65	18.66		
15	256QAM	75	0	18.75	18.73	18.82	18.72	18.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.85	23.75	23.78	23.79	23.76	25.50	0
10	QPSK	1	25	23.81	23.71	23.85	23.70	23.69		
10	QPSK	1	49	23.73	23.66	23.81	23.70	23.65		
10	QPSK	25	0	22.89	22.69	22.88	22.81	22.69	24.5	1
10	QPSK	25	12	22.95	22.87	22.89	22.72	22.67		
10	QPSK	25	25	22.84	22.75	22.87	22.74	22.76		
10	QPSK	50	0	22.87	22.83	22.86	22.77	22.65		
10	16QAM	1	0	22.84	22.75	22.97	22.80	22.71	24.5	1
10	16QAM	1	25	22.94	22.94	22.99	22.90	22.72		
10	16QAM	1	49	22.74	22.73	22.87	22.70	22.75		
10	16QAM	25	0	21.88	21.77	21.78	21.83	21.70	23.5	2
10	16QAM	25	12	21.97	21.89	21.98	21.80	21.70		
10	16QAM	25	25	21.89	21.77	21.81	21.79	21.74		
10	16QAM	50	0	21.94	21.74	21.93	21.75	21.76		
10	64QAM	1	0	21.76	21.61	21.94	21.72	21.69	23.5	2
10	64QAM	1	25	21.88	21.91	21.86	21.76	21.79		
10	64QAM	1	49	21.83	21.81	21.73	21.75	21.71		
10	64QAM	25	0	21.00	20.80	20.89	20.84	20.74	22.5	3
10	64QAM	25	12	20.88	20.85	20.92	20.76	20.74		
10	64QAM	25	25	20.92	20.76	20.86	20.74	20.77		
10	64QAM	50	0	20.96	20.80	20.89	20.75	20.72		
10	256QAM	1	0	18.82	18.77	18.84	18.70	18.72	20.5	5
10	256QAM	1	25	18.80	18.79	18.78	18.64	18.70		
10	256QAM	1	49	18.80	18.71	18.86	18.73	18.75		
10	256QAM	25	0	18.78	18.69	18.83	18.84	18.77	20.5	5
10	256QAM	25	12	18.94	18.82	19.00	18.71	18.73		
10	256QAM	25	25	18.84	18.74	18.87	18.77	18.78		
10	256QAM	50	0	18.75	18.75	18.85	18.79	18.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.80	23.75	23.79	23.73	23.76	25.50	0
5	QPSK	1	12	23.82	23.79	23.84	23.71	23.72		
5	QPSK	1	24	23.76	23.77	23.77	23.65	23.53		
5	QPSK	12	0	22.88	22.69	22.86	22.80	22.73	24.5	1
5	QPSK	12	7	22.88	22.87	22.95	22.82	22.66		
5	QPSK	12	13	22.91	22.77	22.85	22.76	22.64		
5	QPSK	25	0	23.00	22.74	22.96	22.71	22.67		
5	16QAM	1	0	22.80	22.71	22.92	22.77	22.75	24.5	1
5	16QAM	1	12	22.94	22.80	22.93	22.84	22.74		
5	16QAM	1	24	22.79	22.73	22.89	22.72	22.71		
5	16QAM	12	0	21.88	21.74	21.76	21.84	21.74	23.5	2
5	16QAM	12	7	21.88	21.81	21.96	21.74	21.72		
5	16QAM	12	13	21.90	21.78	21.84	21.70	21.71		
5	16QAM	25	0	21.87	21.78	21.96	21.77	21.72		
5	64QAM	1	0	21.81	21.70	21.83	21.78	21.73	23.5	2
5	64QAM	1	12	21.93	21.93	21.98	21.69	21.81		
5	64QAM	1	24	21.83	21.71	21.80	21.77	21.71		
5	64QAM	12	0	21.00	20.79	20.82	20.83	20.75	22.5	3
5	64QAM	12	7	20.89	20.87	20.97	20.88	20.69		
5	64QAM	12	13	20.91	20.78	20.86	20.72	20.68		
5	64QAM	25	0	20.87	20.76	20.93	20.82	20.65		
5	256QAM	1	0	18.92	18.87	18.79	18.69	18.72	20.5	5
5	256QAM	1	12	18.82	18.90	18.92	18.69	18.82		
5	256QAM	1	24	18.77	18.86	18.67	18.69	18.63		
5	256QAM	12	0	19.00	18.70	18.87	18.71	18.77	20.5	5
5	256QAM	12	7	18.88	18.89	18.88	18.86	18.62		
5	256QAM	12	13	18.85	18.80	18.90	18.79	18.65		
5	256QAM	25	0	18.95	18.70	18.86	18.75	18.60		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.71	24.84	24.77	25.7	0
20	QPSK	1	49	24.65	24.75	24.79		
20	QPSK	1	99	24.76	24.73	24.81		
20	QPSK	50	0	23.97	24.01	23.89	24.7	1
20	QPSK	50	24	23.85	23.85	23.83		
20	QPSK	50	50	23.92	23.86	23.91		
20	QPSK	100	0	23.92	23.95	23.88		
20	16QAM	1	0	23.96	23.94	23.96	24.7	1
20	16QAM	1	49	24.06	23.97	23.96		
20	16QAM	1	99	23.93	23.87	23.98		
20	16QAM	50	0	22.88	22.87	22.95	23.7	2
20	16QAM	50	24	22.84	22.86	22.78		
20	16QAM	50	50	22.92	22.84	22.81		
20	16QAM	100	0	22.82	22.87	22.83		
20	64QAM	1	0	22.92	22.81	22.88	23.7	2
20	64QAM	1	49	22.80	22.74	22.74		
20	64QAM	1	99	22.81	22.71	22.68		
20	64QAM	50	0	21.85	21.87	21.75	22.7	3
20	64QAM	50	24	21.83	21.82	21.89		
20	64QAM	50	50	21.71	21.79	21.83		
20	64QAM	100	0	21.87	21.85	21.88		
20	256QAM	1	0	19.81	19.98	19.86	20.7	5
20	256QAM	1	49	19.68	19.63	19.76		
20	256QAM	1	99	19.76	19.61	19.85		
20	256QAM	50	0	19.86	20.02	19.97	20.7	5
20	256QAM	50	24	19.77	19.81	19.94		
20	256QAM	50	50	19.86	19.83	19.91		
20	256QAM	100	0	19.89	19.84	19.90		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.47	24.82	24.75	25.7	0
15	QPSK	1	37	24.59	24.56	24.64		
15	QPSK	1	74	24.74	24.65	24.72		
15	QPSK	36	0	23.83	23.77	23.78	24.7	1
15	QPSK	36	20	23.61	23.81	23.80		
15	QPSK	36	39	23.89	23.89	23.68		
15	QPSK	75	0	23.86	23.87	23.71		
15	16QAM	1	0	23.82	23.88	23.84	24.7	1
15	16QAM	1	37	24.07	23.93	23.94		
15	16QAM	1	74	23.96	23.87	24.00		
15	16QAM	36	0	22.64	22.67	22.85	23.7	2
15	16QAM	36	20	22.72	22.88	22.58		
15	16QAM	36	39	22.84	22.80	22.71		
15	16QAM	75	0	22.74	22.83	22.79		
15	64QAM	1	0	22.77	22.79	22.65	23.7	2
15	64QAM	1	37	22.56	22.68	22.67		
15	64QAM	1	74	22.68	22.60	22.57		
15	64QAM	36	0	21.64	21.76	21.64	22.7	3
15	64QAM	36	20	21.74	21.65	21.83		
15	64QAM	36	39	21.59	21.80	21.64		
15	64QAM	75	0	21.72	21.84	21.88		
15	256QAM	1	0	19.47	19.85	19.64	20.7	5
15	256QAM	1	37	19.65	19.67	19.72		
15	256QAM	1	74	19.80	19.69	19.71		
15	256QAM	36	0	19.73	19.85	19.89	20.7	5
15	256QAM	36	20	19.64	19.83	19.75		
15	256QAM	36	39	19.92	19.85	19.64		
15	256QAM	75	0	19.77	19.79	19.81		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.66	24.67	24.65	25.7	0
10	QPSK	1	25	24.46	24.80	24.74		
10	QPSK	1	49	24.53	24.62	24.80		
10	QPSK	25	0	23.96	23.67	23.76	24.7	1
10	QPSK	25	12	23.70	23.76	23.86		
10	QPSK	25	25	23.79	23.73	23.76		
10	QPSK	50	0	23.90	23.85	23.97		
10	16QAM	1	0	23.80	23.92	23.89	24.7	1
10	16QAM	1	25	24.06	23.92	23.92		
10	16QAM	1	49	23.77	23.86	23.86		
10	16QAM	25	0	22.87	22.62	22.97	23.7	2
10	16QAM	25	12	22.63	22.89	22.59		
10	16QAM	25	25	22.75	22.85	22.65		
10	16QAM	50	0	22.80	22.90	22.79		
10	64QAM	1	0	22.68	22.66	22.89	23.7	2
10	64QAM	1	25	22.66	22.63	22.73		
10	64QAM	1	49	22.62	22.57	22.58		
10	64QAM	25	0	21.68	21.70	21.68	22.7	3
10	64QAM	25	12	21.62	21.65	21.83		
10	64QAM	25	25	21.70	21.72	21.83		
10	64QAM	50	0	21.71	21.84	21.70		
10	256QAM	1	0	19.70	19.78	19.66	20.7	5
10	256QAM	1	25	19.58	19.68	19.66		
10	256QAM	1	49	19.59	19.71	19.91		
10	256QAM	25	0	19.93	19.78	19.72	20.7	5
10	256QAM	25	12	19.62	19.82	19.88		
10	256QAM	25	25	19.68	19.85	19.67		
10	256QAM	50	0	19.90	19.84	20.03		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.83	24.67	25.7	0
5	QPSK	1	12	24.61	24.66	24.73		
5	QPSK	1	24	24.79	24.72	24.76		
5	QPSK	12	0	23.87	23.68	23.94	24.7	1
5	QPSK	12	7	23.79	23.79	23.63		
5	QPSK	12	13	23.68	23.71	23.92		
5	QPSK	25	0	23.79	23.74	23.97		
5	16QAM	1	0	23.99	23.91	23.72	24.7	1
5	16QAM	1	12	23.89	23.96	23.96		
5	16QAM	1	24	23.77	23.65	23.80		
5	16QAM	12	0	22.72	22.77	22.90	23.7	2
5	16QAM	12	7	22.64	22.69	22.78		
5	16QAM	12	13	22.80	22.79	22.58		
5	16QAM	25	0	22.61	22.82	22.77		
5	64QAM	1	0	22.83	22.64	22.73	23.7	2
5	64QAM	1	12	22.83	22.74	22.54		
5	64QAM	1	24	22.67	22.57	22.48		
5	64QAM	12	0	21.89	21.88	21.50	22.7	3
5	64QAM	12	7	21.67	21.62	21.77		
5	64QAM	12	13	21.66	21.73	21.70		
5	64QAM	25	0	21.62	21.68	21.87		
5	256QAM	1	0	19.70	19.81	19.62	20.7	5
5	256QAM	1	12	19.66	19.68	19.67		
5	256QAM	1	24	19.77	19.65	19.77		
5	256QAM	12	0	19.84	19.74	19.95	20.7	5
5	256QAM	12	7	19.81	19.73	19.63		
5	256QAM	12	13	19.65	19.83	19.84		
5	256QAM	25	0	19.86	19.70	20.05		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	22.32	22.39	22.42	22.24	23.5	0
20	QPSK	1	49	22.31	22.24	22.38	22.26		
20	QPSK	1	99	22.24	22.29	22.30	22.36		
20	QPSK	50	0	21.48	21.57	21.58	21.34	22.5	1
20	QPSK	50	24	21.30	21.31	21.28	21.42		
20	QPSK	50	50	21.44	21.46	21.46	21.45		
20	QPSK	100	0	21.39	21.51	21.55	21.43		
20	16QAM	1	0	21.52	21.34	21.34	21.49	22.5	1
20	16QAM	1	49	21.36	21.50	21.32	21.24		
20	16QAM	1	99	21.30	21.47	21.40	21.36		
20	16QAM	50	0	20.48	20.44	20.32	20.37	21.5	2
20	16QAM	50	24	20.36	20.38	20.58	20.60		
20	16QAM	50	50	20.50	20.41	20.49	20.54		
20	16QAM	100	0	20.40	20.37	20.52	20.38		
20	64QAM	1	0	20.37	20.42	20.21	20.36	21.5	2
20	64QAM	1	49	20.21	20.33	20.39	20.36		
20	64QAM	1	99	20.40	20.34	20.30	20.25		
20	64QAM	50	0	19.22	19.30	19.39	19.32	20.5	3
20	64QAM	50	24	19.51	19.49	19.43	19.54		
20	64QAM	50	50	19.57	19.48	19.51	19.49		
20	64QAM	100	0	19.52	19.25	19.42	19.50		
20	256QAM	1	0	17.34	17.43	17.32	17.32	18.5	5
20	256QAM	1	49	17.21	17.35	17.45	17.33		
20	256QAM	1	99	17.15	17.22	17.19	17.44		
20	256QAM	50	0	17.59	17.57	17.47	17.26	18.5	5
20	256QAM	50	24	17.41	17.38	17.24	17.34		
20	256QAM	50	50	17.41	17.48	17.45	17.39		
20	256QAM	100	0	17.49	17.51	17.25	17.32		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	22.33	22.26	22.25	22.04	23.5	0
15	QPSK	1	37	22.19	22.13	22.28	22.26		
15	QPSK	1	74	22.09	22.14	22.34	22.30		
15	QPSK	36	0	21.29	21.43	21.36	21.11	22.5	1
15	QPSK	36	20	21.13	21.25	21.14	21.23		
15	QPSK	36	39	21.30	21.25	21.40	21.27		
15	QPSK	75	0	21.19	21.32	21.23	21.48		
15	16QAM	1	0	21.36	21.25	21.21	21.30	22.5	1
15	16QAM	1	37	21.13	21.43	21.14	21.16		
15	16QAM	1	74	21.23	21.46	21.23	21.25		
15	16QAM	36	0	20.42	20.24	20.22	20.30	21.5	2
15	16QAM	36	20	20.18	20.25	20.34	20.42		
15	16QAM	36	39	20.32	20.40	20.29	20.57		
15	16QAM	75	0	20.43	20.27	20.45	20.19		
15	64QAM	1	0	20.34	20.35	20.08	20.27	21.5	2
15	64QAM	1	37	20.13	20.19	20.30	20.32		
15	64QAM	1	74	20.38	20.12	20.17	20.19		
15	64QAM	36	0	19.19	19.30	19.41	19.34	20.5	3
15	64QAM	36	20	19.42	19.29	19.42	19.58		
15	64QAM	36	39	19.35	19.35	19.51	19.54		
15	64QAM	75	0	19.41	19.17	19.39	19.45		
15	256QAM	1	0	17.23	17.22	17.35	17.11	18.5	5
15	256QAM	1	37	17.13	17.10	17.39	17.26		
15	256QAM	1	74	17.00	17.12	17.37	17.36		
15	256QAM	36	0	17.23	17.41	17.34	17.16	18.5	5
15	256QAM	36	20	17.17	17.32	17.19	17.27		
15	256QAM	36	39	17.36	17.23	17.32	17.27		
15	256QAM	75	0	17.27	17.24	17.26	17.48		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	22.29	22.10	22.02	22.01	23.5	0
10	QPSK	1	25	22.20	22.25	22.17	22.09		
10	QPSK	1	49	22.18	22.30	22.34	22.20		
10	QPSK	25	0	21.42	21.37	21.45	21.25	22.5	1
10	QPSK	25	12	21.24	21.19	21.25	21.26		
10	QPSK	25	25	21.33	21.35	21.29	21.40		
10	QPSK	50	0	21.23	21.37	21.16	21.44		
10	16QAM	1	0	21.48	21.24	21.24	21.30	22.5	1
10	16QAM	1	25	21.37	21.41	21.31	21.24		
10	16QAM	1	49	21.11	21.33	21.17	21.40		
10	16QAM	25	0	20.30	20.49	20.23	20.40	21.5	2
10	16QAM	25	12	20.31	20.30	20.36	20.38		
10	16QAM	25	25	20.52	20.20	20.53	20.30		
10	16QAM	50	0	20.40	20.42	20.41	20.42		
10	64QAM	1	0	20.24	20.33	19.97	20.25	21.5	2
10	64QAM	1	25	20.07	20.12	20.27	20.18		
10	64QAM	1	49	20.22	20.32	20.24	20.21		
10	64QAM	25	0	19.15	19.16	19.36	19.25	20.5	3
10	64QAM	25	12	19.43	19.24	19.29	19.39		
10	64QAM	25	25	19.38	19.45	19.44	19.35		
10	64QAM	50	0	19.37	19.05	19.23	19.42		
10	256QAM	1	0	17.22	17.07	17.14	16.93	18.5	5
10	256QAM	1	25	17.22	17.28	17.19	17.00		
10	256QAM	1	49	17.14	17.20	17.29	17.26		
10	256QAM	25	0	17.35	17.36	17.50	17.26	18.5	5
10	256QAM	25	12	17.23	17.18	17.27	17.25		
10	256QAM	25	25	17.39	17.40	17.19	17.44		
10	256QAM	50	0	17.14	17.36	17.10	17.34		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	22.22	22.11	22.16	22.08	23.5	0
5	QPSK	1	12	22.35	22.09	22.13	22.06		
5	QPSK	1	24	22.19	22.05	22.07	22.31		
5	QPSK	12	0	21.33	21.47	21.20	21.20	22.5	1
5	QPSK	12	7	21.16	21.26	21.14	21.18		
5	QPSK	12	13	21.35	21.38	21.42	21.43		
5	QPSK	25	0	21.23	21.29	21.30	21.42		
5	16QAM	1	0	21.36	21.28	21.17	21.35	22.5	1
5	16QAM	1	12	21.13	21.40	21.27	21.12		
5	16QAM	1	24	21.21	21.44	21.32	21.26		
5	16QAM	12	0	20.41	20.44	20.13	20.21	21.5	2
5	16QAM	12	7	20.17	20.37	20.36	20.49		
5	16QAM	12	13	20.30	20.35	20.27	20.44		
5	16QAM	25	0	20.31	20.37	20.37	20.26		
5	64QAM	1	0	20.18	20.27	20.08	20.20	21.5	2
5	64QAM	1	12	20.11	20.21	20.38	20.14		
5	64QAM	1	24	20.44	20.13	20.25	20.23		
5	64QAM	12	0	19.21	19.26	19.42	19.30	20.5	3
5	64QAM	12	7	19.27	19.43	19.47	19.33		
5	64QAM	12	13	19.55	19.52	19.36	19.47		
5	64QAM	25	0	19.50	19.28	19.35	19.31		
5	256QAM	1	0	17.18	17.05	17.10	17.01	18.5	5
5	256QAM	1	12	17.39	17.03	17.05	17.02		
5	256QAM	1	24	17.14	17.08	17.11	17.26		
5	256QAM	12	0	17.35	17.46	17.25	17.23	18.5	5
5	256QAM	12	7	17.18	17.26	17.10	17.09		
5	256QAM	12	13	17.36	17.45	17.37	17.34		
5	256QAM	25	0	17.27	17.20	17.28	17.44		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	21.15	21.18	21.08	22.5	0
20	QPSK	1	49	21.03	20.94	20.92		
20	QPSK	1	99	21.16	21.09	21.05		
20	QPSK	50	0	20.05	20.14	20.02	21.5	1
20	QPSK	50	24	19.94	20.05	20.05		
20	QPSK	50	50	20.06	20.04	20.09		
20	QPSK	100	0	20.07	20.19	20.04		
20	16QAM	1	0	20.07	20.04	20.12	21.5	1
20	16QAM	1	49	19.79	19.90	19.90		
20	16QAM	1	99	20.07	20.03	19.99		
20	16QAM	50	0	19.13	19.05	19.08	20.5	2
20	16QAM	50	24	18.93	19.03	19.15		
20	16QAM	50	50	19.03	19.04	19.01		
20	16QAM	100	0	19.08	19.08	18.98		
20	64QAM	1	0	18.92	19.04	19.15	20.5	2
20	64QAM	1	49	19.09	19.03	19.01		
20	64QAM	1	99	18.84	18.92	18.82		
20	64QAM	50	0	18.05	18.06	18.17	19.5	3
20	64QAM	50	24	18.07	18.04	18.03		
20	64QAM	50	50	17.94	18.05	18.08		
20	64QAM	100	0	17.99	18.08	18.02		
20	256QAM	1	0	16.08	16.12	16.20	17.5	5
20	256QAM	1	49	15.96	15.99	15.94		
20	256QAM	1	99	16.17	16.18	15.96		
20	256QAM	50	0	15.99	16.15	16.05	17.5	5
20	256QAM	50	24	15.91	16.15	16.02		
20	256QAM	50	50	16.02	15.95	15.98		
20	256QAM	100	0	16.17	16.08	16.07		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	21.13	21.06	21.10	22.5	0
15	QPSK	1	37	20.95	20.88	20.89		
15	QPSK	1	74	21.17	20.91	20.94		
15	QPSK	36	0	19.85	20.07	19.98	21.5	1
15	QPSK	36	20	19.73	20.07	19.90		
15	QPSK	36	39	19.88	20.04	20.10		
15	QPSK	75	0	20.04	20.01	20.05		
15	16QAM	1	0	19.88	19.82	19.96	21.5	1
15	16QAM	1	37	19.82	19.70	19.68		
15	16QAM	1	74	20.02	19.99	19.94		
15	16QAM	36	0	18.97	18.92	18.94	20.5	2
15	16QAM	36	20	18.73	18.88	19.12		
15	16QAM	36	39	18.86	18.99	18.90		
15	16QAM	75	0	19.00	18.89	18.90		
15	64QAM	1	0	18.83	18.83	18.93	20.5	2
15	64QAM	1	37	19.14	18.93	18.83		
15	64QAM	1	74	18.78	18.81	18.83		
15	64QAM	36	0	17.95	17.86	17.93	19.5	3
15	64QAM	36	20	17.97	18.07	17.96		
15	64QAM	36	39	17.83	17.95	18.07		
15	64QAM	75	0	17.75	17.94	17.79		
15	256QAM	1	0	16.02	15.96	16.03	17.5	5
15	256QAM	1	37	15.93	15.91	16.01		
15	256QAM	1	74	16.10	15.80	16.01		
15	256QAM	36	0	15.81	16.00	16.01	17.5	5
15	256QAM	36	20	15.85	16.16	15.79		
15	256QAM	36	39	15.85	16.15	16.12		
15	256QAM	75	0	15.97	16.10	16.14		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	21.01	21.09	20.96	22.5	0
10	QPSK	1	25	20.81	20.83	20.95		
10	QPSK	1	49	20.99	20.90	20.85		
10	QPSK	25	0	19.92	19.99	19.81	21.5	1
10	QPSK	25	12	19.76	19.83	19.99		
10	QPSK	25	25	20.07	20.01	19.89		
10	QPSK	50	0	20.14	19.91	19.94		
10	16QAM	1	0	20.04	19.88	20.00	21.5	1
10	16QAM	1	25	19.83	19.89	19.85		
10	16QAM	1	49	20.02	19.93	19.90		
10	16QAM	25	0	18.93	18.91	19.10	20.5	2
10	16QAM	25	12	18.72	18.89	19.02		
10	16QAM	25	25	19.00	18.93	19.00		
10	16QAM	50	0	19.07	19.10	18.97		
10	64QAM	1	0	18.76	18.81	18.94	20.5	2
10	64QAM	1	25	18.88	18.98	18.78		
10	64QAM	1	49	18.76	18.77	18.70		
10	64QAM	25	0	17.94	17.99	18.06	19.5	3
10	64QAM	25	12	17.83	18.09	18.06		
10	64QAM	25	25	17.82	17.99	18.11		
10	64QAM	50	0	18.00	18.01	17.78		
10	256QAM	1	0	15.99	16.18	15.90	17.5	5
10	256QAM	1	25	15.79	15.83	16.00		
10	256QAM	1	49	15.99	15.91	15.92		
10	256QAM	25	0	15.90	16.06	15.81	17.5	5
10	256QAM	25	12	15.71	15.72	15.92		
10	256QAM	25	25	16.03	15.93	15.92		
10	256QAM	50	0	16.22	16.03	15.83		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	21.11	21.05	21.03	22.5	0
5	QPSK	1	12	20.78	20.85	20.87		
5	QPSK	1	24	21.06	21.04	20.97		
5	QPSK	12	0	19.89	19.82	19.81	21.5	1
5	QPSK	12	7	19.91	19.87	19.81		
5	QPSK	12	13	20.05	19.97	19.92		
5	QPSK	25	0	19.95	19.99	19.90		
5	16QAM	1	0	19.99	19.83	19.91	21.5	1
5	16QAM	1	12	19.82	19.88	19.78		
5	16QAM	1	24	19.98	20.08	19.76		
5	16QAM	12	0	19.13	18.98	18.88	20.5	2
5	16QAM	12	7	18.87	19.03	19.09		
5	16QAM	12	13	18.80	18.83	18.82		
5	16QAM	25	0	19.02	18.90	18.74		
5	64QAM	1	0	18.80	18.86	19.03	20.5	2
5	64QAM	1	12	19.07	18.94	18.79		
5	64QAM	1	24	18.86	18.90	18.73		
5	64QAM	12	0	17.84	18.09	18.13	19.5	3
5	64QAM	12	7	18.09	17.99	17.87		
5	64QAM	12	13	17.74	17.97	18.01		
5	64QAM	25	0	17.87	17.95	17.93		
5	256QAM	1	0	16.10	15.97	16.03	17.5	5
5	256QAM	1	12	15.81	15.76	15.89		
5	256QAM	1	24	16.15	15.95	15.86		
5	256QAM	12	0	15.91	15.72	15.76	17.5	5
5	256QAM	12	7	15.88	15.79	15.70		
5	256QAM	12	13	16.08	16.03	15.84		
5	256QAM	25	0	16.02	16.04	15.79		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.63	18.73	18.75	18.63	20	0
20	QPSK	1	49	18.55	18.71	18.55	18.52		
20	QPSK	1	99	18.70	18.60	18.58	18.57		
20	QPSK	50	0	17.72	17.85	17.87	17.64	19	1
20	QPSK	50	24	17.79	17.61	17.63	17.71		
20	QPSK	50	50	17.65	17.65	17.71	17.78		
20	QPSK	100	0	17.76	17.82	17.88	17.74		
20	16QAM	1	0	17.81	17.57	17.77	17.73	19	1
20	16QAM	1	49	17.85	17.89	17.85	17.83		
20	16QAM	1	99	17.76	17.87	17.86	17.82		
20	16QAM	50	0	16.67	16.68	16.81	16.72	18	2
20	16QAM	50	24	16.68	16.77	16.87	16.83		
20	16QAM	50	50	16.83	16.74	16.63	16.64		
20	16QAM	100	0	16.67	16.70	16.73	16.83		
20	64QAM	1	0	16.63	16.45	16.66	16.48	18	2
20	64QAM	1	49	16.58	16.66	16.41	16.56		
20	64QAM	1	99	16.41	16.38	16.40	16.58		
20	64QAM	50	0	15.78	15.68	15.79	15.74	17	3
20	64QAM	50	24	15.67	15.90	15.88	15.74		
20	64QAM	50	50	15.75	15.66	15.72	15.71		
20	64QAM	100	0	15.77	15.79	15.77	15.94		
20	256QAM	1	0	13.66	13.74	13.49	13.60	15	5
20	256QAM	1	49	13.61	13.80	13.64	13.64		
20	256QAM	1	99	13.77	13.53	13.49	13.61		
20	256QAM	50	0	13.82	13.86	13.54	13.55	15	5
20	256QAM	50	24	13.89	13.51	13.63	13.61		
20	256QAM	50	50	13.71	13.57	13.82	13.86		
20	256QAM	100	0	13.76	13.77	13.80	13.83		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.48	18.30	18.46	18.53	20	0
15	QPSK	1	37	18.48	18.50	18.43	18.52		
15	QPSK	1	74	18.61	18.40	18.46	18.61		
15	QPSK	36	0	17.58	17.54	17.60	17.60	19	1
15	QPSK	36	20	17.71	17.59	17.64	17.62		
15	QPSK	36	39	17.61	17.70	17.72	17.82		
15	QPSK	75	0	17.67	17.66	17.73	17.71		
15	16QAM	1	0	17.62	17.51	17.70	17.71	19	1
15	16QAM	1	37	17.77	17.76	17.75	17.70		
15	16QAM	1	74	17.68	17.63	17.82	17.79		
15	16QAM	36	0	16.64	16.45	16.61	16.58	18	2
15	16QAM	36	20	16.48	16.71	16.75	16.68		
15	16QAM	36	39	16.58	16.72	16.59	16.51		
15	16QAM	75	0	16.46	16.61	16.60	16.62		
15	64QAM	1	0	16.46	16.33	16.68	16.47	18	2
15	64QAM	1	37	16.61	16.67	16.36	16.61		
15	64QAM	1	74	16.43	16.37	16.45	16.37		
15	64QAM	36	0	15.76	15.61	15.78	15.71	17	3
15	64QAM	36	20	15.55	15.77	15.75	15.67		
15	64QAM	36	39	15.50	15.58	15.68	15.57		
15	64QAM	75	0	15.56	15.61	15.55	15.84		
15	256QAM	1	0	13.56	13.37	13.48	13.60	15	5
15	256QAM	1	37	13.40	13.46	13.52	13.63		
15	256QAM	1	74	13.60	13.43	13.44	13.71		
15	256QAM	36	0	13.63	13.64	13.71	13.61	15	5
15	256QAM	36	20	13.61	13.59	13.63	13.64		
15	256QAM	36	39	13.69	13.58	13.77	13.83		
15	256QAM	75	0	13.59	13.78	13.67	13.60		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.45	18.35	18.49	18.63	20	0
10	QPSK	1	25	18.41	18.72	18.48	18.33		
10	QPSK	1	49	18.60	18.49	18.60	18.66		
10	QPSK	25	0	17.63	17.63	17.41	17.57	19	1
10	QPSK	25	12	17.67	17.76	17.66	17.49		
10	QPSK	25	25	17.52	17.42	17.54	17.58		
10	QPSK	50	0	17.81	17.51	17.66	17.66		
10	16QAM	1	0	17.86	17.59	17.72	17.66	19	1
10	16QAM	1	25	17.87	17.78	17.78	17.93		
10	16QAM	1	49	17.55	17.71	17.89	17.83		
10	16QAM	25	0	16.68	16.55	16.70	16.67	18	2
10	16QAM	25	12	16.49	16.56	16.67	16.83		
10	16QAM	25	25	16.83	16.60	16.56	16.58		
10	16QAM	50	0	16.60	16.56	16.74	16.78		
10	64QAM	1	0	16.43	16.41	16.47	16.32	18	2
10	64QAM	1	25	16.35	16.67	16.43	16.44		
10	64QAM	1	49	16.44	16.37	16.36	16.38		
10	64QAM	25	0	15.58	15.68	15.58	15.56	17	3
10	64QAM	25	12	15.53	15.71	15.79	15.77		
10	64QAM	25	25	15.63	15.44	15.69	15.74		
10	64QAM	50	0	15.71	15.54	15.56	15.84		
10	256QAM	1	0	13.50	13.38	13.41	13.66	15	5
10	256QAM	1	25	13.33	13.64	13.53	13.42		
10	256QAM	1	49	13.70	13.40	13.71	13.62		
10	256QAM	25	0	13.54	13.57	13.52	13.48	15	5
10	256QAM	25	12	13.79	13.75	13.62	13.49		
10	256QAM	25	25	13.42	13.48	13.58	13.60		
10	256QAM	50	0	13.74	13.60	13.70	13.55		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.54	18.50	18.48	18.67	20	0
5	QPSK	1	12	18.36	18.57	18.41	18.49		
5	QPSK	1	24	18.62	18.50	18.45	18.72		
5	QPSK	12	0	17.63	17.51	17.57	17.41	19	1
5	QPSK	12	7	17.73	17.59	17.60	17.61		
5	QPSK	12	13	17.45	17.43	17.65	17.68		
5	QPSK	25	0	17.66	17.75	17.52	17.82		
5	16QAM	1	0	17.60	17.56	17.79	17.74	19	1
5	16QAM	1	12	17.78	17.77	17.79	17.77		
5	16QAM	1	24	17.51	17.67	17.89	17.78		
5	16QAM	12	0	16.55	16.48	16.63	16.75	18	2
5	16QAM	12	7	16.59	16.66	16.69	16.60		
5	16QAM	12	13	16.83	16.54	16.68	16.45		
5	16QAM	25	0	16.61	16.58	16.71	16.85		
5	64QAM	1	0	16.39	16.48	16.57	16.28	18	2
5	64QAM	1	12	16.62	16.59	16.34	16.38		
5	64QAM	1	24	16.43	16.28	16.26	16.45		
5	64QAM	12	0	15.58	15.65	15.81	15.79	17	3
5	64QAM	12	7	15.54	15.80	15.69	15.55		
5	64QAM	12	13	15.77	15.61	15.59	15.56		
5	64QAM	25	0	15.64	15.74	15.74	15.88		
5	256QAM	1	0	13.61	13.51	13.37	13.55	15	5
5	256QAM	1	12	13.38	13.62	13.43	13.61		
5	256QAM	1	24	13.66	13.42	13.57	13.66		
5	256QAM	12	0	13.62	13.61	13.58	13.51	15	5
5	256QAM	12	7	13.73	13.65	13.71	13.62		
5	256QAM	12	13	13.56	13.50	13.63	13.58		
5	256QAM	25	0	13.60	13.83	13.46	13.80		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	20.33	20.35	20.27	22	0
20	QPSK	1	49	20.12	20.20	20.16		
20	QPSK	1	99	20.21	20.19	20.20		
20	QPSK	50	0	19.38	19.41	19.36	21	1
20	QPSK	50	24	19.33	19.33	19.32		
20	QPSK	50	50	19.30	19.27	19.26		
20	QPSK	100	0	19.29	19.34	19.23		
20	16QAM	1	0	19.26	19.45	19.28	21	1
20	16QAM	1	49	19.39	19.37	19.14		
20	16QAM	1	99	19.25	19.44	19.34		
20	16QAM	50	0	18.46	18.33	18.37	20	2
20	16QAM	50	24	18.35	18.33	18.25		
20	16QAM	50	50	18.22	18.30	18.22		
20	16QAM	100	0	18.33	18.29	18.35		
20	64QAM	1	0	18.20	18.17	18.28	20	2
20	64QAM	1	49	18.07	18.19	18.22		
20	64QAM	1	99	18.12	18.10	18.21		
20	64QAM	50	0	17.40	17.38	17.36	19	3
20	64QAM	50	24	17.37	17.29	17.22		
20	64QAM	50	50	17.23	17.25	17.21		
20	64QAM	100	0	17.38	17.23	17.21		
20	256QAM	1	0	15.35	15.41	15.26	17	5
20	256QAM	1	49	15.19	15.09	15.11		
20	256QAM	1	99	15.12	15.29	15.25		
20	256QAM	50	0	15.43	15.50	15.37	17	5
20	256QAM	50	24	15.33	15.40	15.30		
20	256QAM	50	50	15.36	15.25	15.36		
20	256QAM	100	0	15.30	15.28	15.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	20.13	20.20	20.10	22	0
15	QPSK	1	37	20.12	20.07	20.05		
15	QPSK	1	74	20.05	20.13	20.03		
15	QPSK	36	0	19.27	19.28	19.34	21	1
15	QPSK	36	20	19.25	19.26	19.25		
15	QPSK	36	39	19.22	19.10	19.09		
15	QPSK	75	0	19.23	19.13	19.15		
15	16QAM	1	0	19.19	19.36	19.20	21	1
15	16QAM	1	37	19.31	19.23	19.03		
15	16QAM	1	74	19.08	19.31	19.20		
15	16QAM	36	0	18.40	18.23	18.30	20	2
15	16QAM	36	20	18.22	18.24	18.07		
15	16QAM	36	39	18.15	18.17	18.04		
15	16QAM	75	0	18.29	18.17	18.24		
15	64QAM	1	0	18.03	18.06	18.16	20	2
15	64QAM	1	37	18.08	18.15	18.26		
15	64QAM	1	74	18.10	18.17	18.01		
15	64QAM	36	0	17.35	17.33	17.19	19	3
15	64QAM	36	20	17.33	17.13	17.14		
15	64QAM	36	39	17.12	17.21	17.16		
15	64QAM	75	0	17.25	17.18	17.11		
15	256QAM	1	0	15.20	15.29	15.05	17	5
15	256QAM	1	37	15.07	15.00	15.08		
15	256QAM	1	74	15.05	15.16	15.00		
15	256QAM	36	0	15.24	15.24	15.35	17	5
15	256QAM	36	20	15.28	15.24	15.35		
15	256QAM	36	39	15.25	15.11	15.23		
15	256QAM	75	0	15.30	15.18	15.12		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	20.12	20.08	20.10	22	0
10	QPSK	1	25	20.00	20.07	20.06		
10	QPSK	1	49	20.08	20.13	20.06		
10	QPSK	25	0	19.18	19.08	19.12	21	1
10	QPSK	25	12	19.09	19.14	19.13		
10	QPSK	25	25	19.23	19.11	19.09		
10	QPSK	50	0	19.16	19.20	19.08		
10	16QAM	1	0	19.11	19.35	19.12	21	1
10	16QAM	1	25	19.42	19.40	19.09		
10	16QAM	1	49	19.00	19.15	19.12		
10	16QAM	25	0	18.27	18.11	18.14	20	2
10	16QAM	25	12	18.17	18.14	18.00		
10	16QAM	25	25	18.13	18.19	18.05		
10	16QAM	50	0	18.16	18.12	18.15		
10	64QAM	1	0	18.11	18.03	18.17	20	2
10	64QAM	1	25	18.10	18.25	18.26		
10	64QAM	1	49	18.09	18.18	18.08		
10	64QAM	25	0	17.24	17.19	17.07	19	3
10	64QAM	25	12	17.22	17.20	17.10		
10	64QAM	25	25	17.10	17.14	17.15		
10	64QAM	50	0	17.18	17.04	17.04		
10	256QAM	1	0	15.13	15.18	15.07	17	5
10	256QAM	1	25	15.06	15.19	15.07		
10	256QAM	1	49	15.11	15.10	15.16		
10	256QAM	25	0	15.17	15.09	15.12	17	5
10	256QAM	25	12	15.01	15.03	15.23		
10	256QAM	25	25	15.33	15.19	15.11		
10	256QAM	50	0	15.25	15.30	15.04		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	20.20	20.10	20.00	22	0
5	QPSK	1	12	20.03	20.15	20.07		
5	QPSK	1	24	20.08	20.13	20.07		
5	QPSK	12	0	19.16	19.13	19.20	21	1
5	QPSK	12	7	19.09	19.06	19.06		
5	QPSK	12	13	19.13	19.10	19.19		
5	QPSK	25	0	19.23	19.20	19.07		
5	16QAM	1	0	19.10	19.30	19.24	21	1
5	16QAM	1	12	19.27	19.27	19.03		
5	16QAM	1	24	19.06	19.27	19.04		
5	16QAM	12	0	18.26	18.13	18.15	20	2
5	16QAM	12	7	18.05	18.13	18.01		
5	16QAM	12	13	18.06	18.23	18.18		
5	16QAM	25	0	18.13	18.08	18.06		
5	64QAM	1	0	18.14	18.04	18.22	20	2
5	64QAM	1	12	18.10	18.22	18.21		
5	64QAM	1	24	18.03	18.12	18.06		
5	64QAM	12	0	17.15	17.09	17.13	19	3
5	64QAM	12	7	17.27	17.13	17.11		
5	64QAM	12	13	17.14	17.10	17.14		
5	64QAM	25	0	17.21	17.06	17.05		
5	256QAM	1	0	15.34	15.22	15.01	17	5
5	256QAM	1	12	15.05	15.10	15.03		
5	256QAM	1	24	15.32	15.17	15.10		
5	256QAM	12	0	15.18	15.13	15.31	17	5
5	256QAM	12	7	15.10	15.07	15.08		
5	256QAM	12	13	15.06	15.17	15.28		
5	256QAM	25	0	15.23	15.09	15.11		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.69	17.78	17.79	17.58	19.5	0
20	QPSK	1	49	17.72	17.72	17.59	17.67		
20	QPSK	1	99	17.74	17.74	17.54	17.63		
20	QPSK	50	0	16.89	16.93	16.99	16.90	18.5	1
20	QPSK	50	24	16.87	16.88	16.81	16.90		
20	QPSK	50	50	16.75	16.78	16.85	16.79		
20	QPSK	100	0	16.81	16.86	16.87	16.83		
20	16QAM	1	0	16.96	16.77	16.84	16.80	18.5	1
20	16QAM	1	49	16.59	16.72	16.68	16.86		
20	16QAM	1	99	16.60	16.73	16.71	16.61		
20	16QAM	50	0	15.92	15.91	15.84	15.93	17.5	2
20	16QAM	50	24	15.86	15.96	15.90	15.82		
20	16QAM	50	50	15.76	15.83	15.84	15.81		
20	16QAM	100	0	15.91	15.83	15.89	15.79		
20	64QAM	1	0	15.74	15.69	15.75	15.71	17.5	2
20	64QAM	1	49	15.78	15.77	15.67	15.50		
20	64QAM	1	99	15.54	15.65	15.66	15.56		
20	64QAM	50	0	14.82	14.99	14.84	14.81	16.5	3
20	64QAM	50	24	14.85	14.82	14.95	14.93		
20	64QAM	50	50	14.68	14.84	14.80	14.85		
20	64QAM	100	0	14.90	14.80	14.87	14.81		
20	256QAM	1	0	12.69	12.76	12.76	12.59	14.5	5
20	256QAM	1	49	12.73	12.82	12.60	12.66		
20	256QAM	1	99	12.70	12.54	12.65	12.64		
20	256QAM	50	0	12.94	12.86	12.80	12.81	14.5	5
20	256QAM	50	24	12.86	12.80	12.76	12.81		
20	256QAM	50	50	12.76	12.88	12.86	12.67		
20	256QAM	100	0	12.88	12.81	12.91	12.84		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.76	17.71	17.75	17.58	19.5	0
15	QPSK	1	37	17.66	17.77	17.56	17.64		
15	QPSK	1	74	17.72	17.61	17.56	17.61		
15	QPSK	36	0	16.79	16.83	16.85	16.84	18.5	1
15	QPSK	36	20	16.71	16.71	16.66	16.77		
15	QPSK	36	39	16.58	16.62	16.72	16.69		
15	QPSK	75	0	16.72	16.76	16.70	16.76		
15	16QAM	1	0	16.77	16.60	16.79	16.74	18.5	1
15	16QAM	1	37	16.54	16.55	16.62	16.72		
15	16QAM	1	74	16.64	16.78	16.67	16.57		
15	16QAM	36	0	15.81	15.79	15.75	15.84	17.5	2
15	16QAM	36	20	15.79	15.78	15.73	15.67		
15	16QAM	36	39	15.65	15.69	15.77	15.71		
15	16QAM	75	0	15.83	15.70	15.72	15.67		
15	64QAM	1	0	15.57	15.65	15.78	15.67	17.5	2
15	64QAM	1	37	15.72	15.83	15.56	15.52		
15	64QAM	1	74	15.52	15.59	15.51	15.54		
15	64QAM	36	0	14.67	14.90	14.74	14.72	16.5	3
15	64QAM	36	20	14.74	14.64	14.80	14.81		
15	64QAM	36	39	14.56	14.71	14.70	14.76		
15	64QAM	75	0	14.76	14.69	14.83	14.74		
15	256QAM	1	0	12.83	12.59	12.86	12.63	14.5	5
15	256QAM	1	37	12.72	12.91	12.62	12.60		
15	256QAM	1	74	12.81	12.50	12.52	12.50		
15	256QAM	36	0	12.81	12.75	12.81	12.93	14.5	5
15	256QAM	36	20	12.82	12.81	12.64	12.87		
15	256QAM	36	39	12.69	12.62	12.78	12.62		
15	256QAM	75	0	12.70	12.85	12.66	12.78		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	17.64	17.71	17.70	17.52	19.5	0
10	QPSK	1	25	17.66	17.75	17.59	17.61		
10	QPSK	1	49	17.67	17.70	17.55	17.67		
10	QPSK	25	0	16.89	16.77	16.84	16.75	18.5	1
10	QPSK	25	12	16.73	16.81	16.74	16.80		
10	QPSK	25	25	16.71	16.71	16.73	16.72		
10	QPSK	50	0	16.71	16.65	16.73	16.75		
10	16QAM	1	0	16.72	16.71	16.70	16.65	18.5	1
10	16QAM	1	25	16.59	16.71	16.65	16.88		
10	16QAM	1	49	16.59	16.69	16.73	16.63		
10	16QAM	25	0	15.75	15.75	15.75	15.86	17.5	2
10	16QAM	25	12	15.81	15.90	15.74	15.76		
10	16QAM	25	25	15.66	15.76	15.73	15.70		
10	16QAM	50	0	15.76	15.73	15.76	15.72		
10	64QAM	1	0	15.63	15.60	15.74	15.64	17.5	2
10	64QAM	1	25	15.73	15.89	15.63	15.54		
10	64QAM	1	49	15.56	15.62	15.74	15.59		
10	64QAM	25	0	14.65	14.85	14.72	14.76	16.5	3
10	64QAM	25	12	14.69	14.68	14.86	14.89		
10	64QAM	25	25	14.56	14.78	14.69	14.70		
10	64QAM	50	0	14.81	14.76	14.70	14.64		
10	256QAM	1	0	12.74	12.65	12.66	12.50	14.5	5
10	256QAM	1	25	12.72	12.76	12.53	12.57		
10	256QAM	1	49	12.72	12.76	12.53	12.57		
10	256QAM	25	0	12.71	12.71	12.69	12.73	14.5	5
10	256QAM	25	12	12.74	12.77	12.78	12.82		
10	256QAM	25	25	12.62	12.71	12.77	12.76		
10	256QAM	50	0	12.67	12.58	12.62	12.75		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	17.67	17.68	17.62	17.56	19.5	0
5	QPSK	1	12	17.76	17.67	17.59	17.63		
5	QPSK	1	24	17.64	17.74	17.70	17.61		
5	QPSK	12	0	16.85	16.85	16.73	16.73	18.5	1
5	QPSK	12	7	16.70	16.73	16.72	16.76		
5	QPSK	12	13	16.70	16.73	16.74	16.62		
5	QPSK	25	0	16.77	16.65	16.68	16.79		
5	16QAM	1	0	16.76	16.69	16.76	16.70	18.5	1
5	16QAM	1	12	16.59	16.76	16.63	16.88		
5	16QAM	1	24	16.58	16.80	16.74	16.66		
5	16QAM	12	0	15.75	15.86	15.79	15.77	17.5	2
5	16QAM	12	7	15.69	15.91	15.76	15.76		
5	16QAM	12	13	15.70	15.69	15.66	15.64		
5	16QAM	25	0	15.83	15.66	15.77	15.65		
5	64QAM	1	0	15.59	15.51	15.70	15.74	17.5	2
5	64QAM	1	12	15.72	15.84	15.69	15.50		
5	64QAM	1	24	15.59	15.70	15.69	15.53		
5	64QAM	12	0	14.76	14.90	14.68	14.63	16.5	3
5	64QAM	12	7	14.75	14.66	14.78	14.85		
5	64QAM	12	13	14.55	14.74	14.73	14.79		
5	64QAM	25	0	14.80	14.65	14.74	14.70		
5	256QAM	1	0	12.75	12.57	12.78	12.64	14.5	5
5	256QAM	1	12	12.70	12.81	12.68	12.61		
5	256QAM	1	24	12.60	12.57	12.56	12.65		
5	256QAM	12	0	12.81	12.77	12.83	12.62	14.5	5
5	256QAM	12	7	12.73	12.73	12.62	12.77		
5	256QAM	12	13	12.76	12.70	12.67	12.70		
5	256QAM	25	0	12.84	12.69	12.79	12.75		

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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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	19.84	19.96	19.65	20.7	0
20	QPSK	1	49	19.85	19.83	19.80		
20	QPSK	1	99	19.73	19.85	19.50		
20	QPSK	50	0	19.77	19.90	19.83	20.7	0
20	QPSK	50	24	19.75	19.87	19.84		
20	QPSK	50	50	19.72	19.74	19.62		
20	QPSK	100	0	19.79	19.80	19.77		
20	16QAM	1	0	19.77	19.86	19.71	20.7	0
20	16QAM	1	49	19.75	19.52	19.52		
20	16QAM	1	99	19.78	19.82	19.54		
20	16QAM	50	0	19.52	19.80	19.80	20.7	0
20	16QAM	50	24	19.71	19.90	19.78		
20	16QAM	50	50	19.63	19.62	19.68		
20	16QAM	100	0	19.79	19.89	19.79		
20	64QAM	1	0	19.72	19.62	19.63	20.7	0
20	64QAM	1	49	19.86	19.65	19.69		
20	64QAM	1	99	19.86	19.81	19.50		
20	64QAM	50	0	19.80	19.64	19.66	20.7	0
20	64QAM	50	24	19.76	19.81	19.91		
20	64QAM	50	50	19.78	19.66	19.62		
20	64QAM	100	0	19.69	19.87	19.93		
20	256QAM	1	0	19.58	19.74	19.49	20.7	0
20	256QAM	1	49	19.81	19.70	19.63		
20	256QAM	1	99	19.60	19.78	19.37		
20	256QAM	50	0	19.78	19.65	19.71	20.7	0
20	256QAM	50	24	19.60	19.83	19.73		
20	256QAM	50	50	19.61	19.92	19.50		
20	256QAM	100	0	19.46	19.74	19.66		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	19.53	19.76	19.51	20.7	0
15	QPSK	1	37	19.70	19.81	19.61		
15	QPSK	1	74	19.53	19.67	19.52		
15	QPSK	36	0	19.49	19.81	19.78	20.7	0
15	QPSK	36	20	19.88	19.96	19.71		
15	QPSK	36	39	19.54	19.77	19.71		
15	QPSK	75	0	19.62	19.84	19.78		
15	16QAM	1	0	19.61	19.66	19.62	20.7	0
15	16QAM	1	37	19.66	19.56	19.46		
15	16QAM	1	74	19.59	19.73	19.41		
15	16QAM	36	0	19.47	19.74	19.65	20.7	0
15	16QAM	36	20	19.63	19.86	19.77		
15	16QAM	36	39	19.52	19.71	19.60		
15	16QAM	75	0	19.54	19.80	19.64		
15	64QAM	1	0	19.64	19.65	19.51	20.7	0
15	64QAM	1	37	19.69	19.46	19.52		
15	64QAM	1	74	19.76	19.68	19.42		
15	64QAM	36	0	19.59	19.64	19.64	20.7	0
15	64QAM	36	20	19.68	19.76	19.78		
15	64QAM	36	39	19.66	19.54	19.50		
15	64QAM	75	0	19.40	19.78	19.73		
15	256QAM	1	0	19.60	19.59	19.55	20.7	0
15	256QAM	1	37	19.77	19.60	19.45		
15	256QAM	1	74	19.66	19.65	19.38		
15	256QAM	36	0	19.73	19.43	19.49	20.7	0
15	256QAM	36	20	19.62	19.65	19.59		
15	256QAM	36	39	19.45	19.66	19.37		
15	256QAM	75	0	19.53	19.58	19.49		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	19.65	19.86	19.54	20.7	0
10	QPSK	1	25	19.83	19.73	19.77		
10	QPSK	1	49	19.67	19.83	19.60		
10	QPSK	25	0	19.72	19.87	19.79	20.7	0
10	QPSK	25	12	19.77	19.90	19.85		
10	QPSK	25	25	19.59	19.80	19.60		
10	QPSK	50	0	19.63	19.75	19.74		
10	16QAM	1	0	19.58	19.73	19.58	20.7	0
10	16QAM	1	25	19.57	19.44	19.56		
10	16QAM	1	49	19.68	19.73	19.54		
10	16QAM	25	0	19.59	19.73	19.57	20.7	0
10	16QAM	25	12	19.76	19.86	19.83		
10	16QAM	25	25	19.39	19.53	19.50		
10	16QAM	50	0	19.75	19.79	19.63		
10	64QAM	1	0	19.55	19.65	19.68	20.7	0
10	64QAM	1	25	19.78	19.53	19.54		
10	64QAM	1	49	19.80	19.62	19.53		
10	64QAM	25	0	19.75	19.60	19.61	20.7	0
10	64QAM	25	12	19.74	19.62	19.76		
10	64QAM	25	25	19.55	19.69	19.68		
10	64QAM	50	0	19.40	19.79	19.63		
10	256QAM	1	0	19.61	19.55	19.41	20.7	0
10	256QAM	1	25	19.63	19.72	19.63		
10	256QAM	1	49	19.72	19.55	19.38		
10	256QAM	25	0	19.68	19.63	19.55	20.7	0
10	256QAM	25	12	19.63	19.66	19.67		
10	256QAM	25	25	19.47	19.64	19.44		
10	256QAM	50	0	19.35	19.68	19.48		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	19.58	19.83	19.56	20.7	0
5	QPSK	1	12	19.66	19.80	19.64		
5	QPSK	1	24	19.61	19.68	19.38		
5	QPSK	12	0	19.54	19.86	19.89	20.7	0
5	QPSK	12	7	19.78	19.92	19.67		
5	QPSK	12	13	19.66	19.57	19.61		
5	QPSK	25	0	19.69	19.79	19.69		
5	16QAM	1	0	19.51	19.62	19.52	20.7	0
5	16QAM	1	12	19.67	19.49	19.46		
5	16QAM	1	24	19.52	19.70	19.53		
5	16QAM	12	0	19.46	19.75	19.63	20.7	0
5	16QAM	12	7	19.74	19.80	19.73		
5	16QAM	12	13	19.51	19.71	19.56		
5	16QAM	25	0	19.52	19.72	19.61		
5	64QAM	1	0	19.57	19.70	19.65	20.7	0
5	64QAM	1	12	19.74	19.54	19.72		
5	64QAM	1	24	19.80	19.52	19.45		
5	64QAM	12	0	19.57	19.74	19.63	20.7	0
5	64QAM	12	7	19.58	19.66	19.83		
5	64QAM	12	13	19.58	19.56	19.67		
5	64QAM	25	0	19.31	19.73	19.62		
5	256QAM	1	0	19.60	19.74	19.35	20.7	0
5	256QAM	1	12	19.62	19.69	19.64		
5	256QAM	1	24	19.60	19.73	19.43		
5	256QAM	12	0	19.71	19.53	19.68	20.7	0
5	256QAM	12	7	19.67	19.71	19.66		
5	256QAM	12	13	19.41	19.66	19.31		
5	256QAM	25	0	19.52	19.74	19.60		

Band 48 Ant13 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.30	19.41	19.47	19.37	20.5	0
20	QPSK	1	49	19.32	19.23	19.28	19.14		
20	QPSK	1	99	19.42	19.37	19.19	19.21		
20	QPSK	50	0	19.20	19.38	19.45	19.31	20.5	0
20	QPSK	50	24	19.30	19.38	19.42	19.32		
20	QPSK	50	50	19.31	19.28	19.19	19.38		
20	QPSK	100	0	19.41	19.39	19.42	19.34		
20	16QAM	1	0	19.03	18.93	19.13	19.24	20.5	0
20	16QAM	1	49	19.03	18.98	19.20	19.21		
20	16QAM	1	99	19.22	19.33	19.00	19.20		
20	16QAM	50	0	19.09	19.25	19.28	19.37	20.5	0
20	16QAM	50	24	19.10	19.07	19.14	19.18		
20	16QAM	50	50	19.17	19.42	19.02	19.28		
20	16QAM	100	0	19.41	19.19	19.35	19.20		
20	64QAM	1	0	19.19	19.06	19.24	19.14	20.5	0
20	64QAM	1	49	18.98	19.27	18.97	19.15		
20	64QAM	1	99	19.34	19.23	19.01	19.18		
20	64QAM	50	0	19.12	19.20	19.31	19.37	20.5	0
20	64QAM	50	24	19.17	19.28	19.39	19.21		
20	64QAM	50	50	19.14	19.32	19.18	19.19		
20	64QAM	100	0	19.45	19.27	19.21	19.27		
20	256QAM	1	0	17.39	17.24	17.01	17.27	18.5	2
20	256QAM	1	49	17.17	17.22	16.97	17.11		
20	256QAM	1	99	17.26	17.18	17.23	17.25		
20	256QAM	50	0	17.24	17.26	17.23	17.41	18.5	2
20	256QAM	50	24	17.05	17.31	17.51	17.43		
20	256QAM	50	50	17.32	17.45	17.10	17.22		
20	256QAM	100	0	17.31	17.35	17.23	17.38		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	19.22	19.34	19.26	19.21	20.5	0
15	QPSK	1	37	19.29	19.14	19.09	19.11		
15	QPSK	1	74	19.36	19.37	19.16	19.08		
15	QPSK	36	0	19.13	19.27	19.41	19.27	20.5	0
15	QPSK	36	20	19.22	19.16	19.40	19.18		
15	QPSK	36	39	19.20	19.19	19.02	19.26		
15	QPSK	75	0	19.23	19.30	19.21	19.19		
15	16QAM	1	0	18.95	18.72	19.08	19.09	20.5	0
15	16QAM	1	37	18.89	18.98	19.03	19.12		
15	16QAM	1	74	19.20	19.20	18.95	19.20		
15	16QAM	36	0	19.02	19.10	19.12	19.31	20.5	0
15	16QAM	36	20	19.00	19.02	19.08	19.20		
15	16QAM	36	39	18.98	19.19	18.93	19.09		
15	16QAM	75	0	19.25	19.12	19.26	19.03		
15	64QAM	1	0	19.17	18.91	19.12	19.02	20.5	0
15	64QAM	1	37	18.88	19.29	18.96	19.08		
15	64QAM	1	74	19.26	19.04	18.83	19.20		
15	64QAM	36	0	19.13	19.03	19.22	19.23	20.5	0
15	64QAM	36	20	19.03	19.20	19.22	19.00		
15	64QAM	36	39	18.98	19.28	19.08	19.00		
15	64QAM	75	0	19.28	19.29	19.09	19.18		
15	256QAM	1	0	17.30	17.04	16.95	17.07	18.5	2
15	256QAM	1	37	16.98	17.20	16.90	16.92		
15	256QAM	1	74	17.09	17.07	17.20	17.05		
15	256QAM	36	0	17.11	17.11	17.07	17.20	18.5	2
15	256QAM	36	20	16.88	17.14	17.30	17.29		
15	256QAM	36	39	17.34	17.22	16.95	17.17		
15	256QAM	75	0	17.12	17.19	17.08	17.17		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	19.22	19.34	19.36	19.35	20.5	0
10	QPSK	1	25	19.22	19.12	19.26	19.03		
10	QPSK	1	49	19.28	19.24	19.05	19.16		
10	QPSK	25	0	19.03	19.29	19.38	19.10	20.5	0
10	QPSK	25	12	19.09	19.33	19.30	19.22		
10	QPSK	25	25	19.18	19.25	19.20	19.22		
10	QPSK	50	0	19.31	19.25	19.42	19.13		
10	16QAM	1	0	18.97	18.89	19.10	19.10	20.5	0
10	16QAM	1	25	18.85	18.95	19.19	19.12		
10	16QAM	1	49	19.22	19.11	18.83	19.18		
10	16QAM	25	0	19.07	19.14	19.27	19.23	20.5	0
10	16QAM	25	12	19.07	18.86	19.14	19.09		
10	16QAM	25	25	19.08	19.26	19.00	19.06		
10	16QAM	50	0	19.15	19.04	19.13	19.00		
10	64QAM	1	0	19.02	18.84	19.10	19.10	20.5	0
10	64QAM	1	25	18.99	19.26	18.85	19.08		
10	64QAM	1	49	19.14	19.19	18.94	19.02		
10	64QAM	25	0	18.90	19.08	19.20	19.31	20.5	0
10	64QAM	25	12	19.06	19.25	19.21	19.10		
10	64QAM	25	25	18.99	19.15	18.98	19.04		
10	64QAM	50	0	19.23	19.25	19.16	19.05		
10	256QAM	1	0	17.24	17.12	17.00	17.09	18.5	2
10	256QAM	1	25	17.10	17.01	16.91	16.90		
10	256QAM	1	49	17.26	17.02	17.08	17.24		
10	256QAM	25	0	17.24	17.21	17.21	17.27	18.5	2
10	256QAM	25	12	17.00	17.24	17.37	17.41		
10	256QAM	25	25	17.15	17.35	16.99	17.14		
10	256QAM	50	0	17.25	17.26	17.13	17.18		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	19.15	19.30	19.41	19.30	20.5	0
5	QPSK	1	12	19.18	19.04	19.17	19.03		
5	QPSK	1	24	19.25	19.24	19.16	19.12		
5	QPSK	12	0	19.16	19.38	19.24	19.28	20.5	0
5	QPSK	12	7	19.15	19.34	19.28	19.27		
5	QPSK	12	13	19.17	19.25	19.20	19.18		
5	QPSK	25	0	19.28	19.35	19.35	19.14		
5	16QAM	1	0	19.00	18.93	19.02	19.15	20.5	0
5	16QAM	1	12	18.99	18.85	19.04	19.01		
5	16QAM	1	24	19.15	19.11	19.01	19.05		
5	16QAM	12	0	18.93	19.12	19.15	19.24	20.5	0
5	16QAM	12	7	18.96	19.07	19.11	19.13		
5	16QAM	12	13	19.14	19.29	18.88	19.30		
5	16QAM	25	0	19.30	19.19	19.20	19.15		
5	64QAM	1	0	19.14	18.92	19.21	19.00	20.5	0
5	64QAM	1	12	18.97	19.15	18.82	19.01		
5	64QAM	1	24	19.15	19.23	18.95	19.08		
5	64QAM	12	0	18.95	19.12	19.24	19.29	20.5	0
5	64QAM	12	7	19.12	19.16	19.32	19.07		
5	64QAM	12	13	19.02	19.27	19.11	19.14		
5	64QAM	25	0	19.35	19.25	19.17	19.25		
5	256QAM	1	0	17.18	17.05	16.97	17.10	18.5	2
5	256QAM	1	12	17.17	17.08	16.97	16.98		
5	256QAM	1	24	17.09	17.20	17.08	17.12		
5	256QAM	12	0	17.11	17.28	17.21	17.25	18.5	2
5	256QAM	12	7	16.97	17.19	17.43	17.34		
5	256QAM	12	13	17.23	17.42	17.05	17.02		
5	256QAM	25	0	17.29	17.15	17.06	17.39		

GSM850 Ant0 DSI5

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.72	32.86	32.88	33.50	23.72	23.86	23.88	24.50
GPRS 1 Tx slot	32.81	32.87	32.97	33.50	23.81	23.87	23.97	24.50
GPRS 2 Tx slots	29.62	29.40	29.66	30.50	23.62	23.40	23.66	24.50
GPRS 3 Tx slots	27.75	27.77	27.82	28.50	23.49	23.51	23.56	24.24
GPRS 4 Tx slots	26.30	26.58	26.57	27.50	23.30	23.58	23.57	24.50
EDGE 1 Tx slot	26.71	26.70	27.05	27.50	17.71	17.70	18.05	18.50
EDGE 2 Tx slots	23.68	23.63	23.55	24.50	17.68	17.63	17.55	18.50
EDGE 3 Tx slots	21.74	22.01	22.03	23.00	17.48	17.75	17.77	18.74
EDGE 4 Tx slots	20.32	20.64	20.62	21.50	17.32	17.64	17.62	18.50

WCDMA V Ant0 DSI5

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.20	24.31	24.22	25.00
3GPP Rel 99	RMC 12.2Kbps	24.26	24.34	24.27	25.00
3GPP Rel 6	HSDPA Subtest-1	23.38	23.19	23.31	24.00
3GPP Rel 6	HSDPA Subtest-2	23.21	23.38	23.07	24.00
3GPP Rel 6	HSDPA Subtest-3	22.75	22.83	22.69	23.50
3GPP Rel 6	HSDPA Subtest-4	22.59	22.77	22.50	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.35	23.25	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.10	23.36	23.09	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.89	22.86	22.79	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.53	22.84	22.61	23.50
3GPP Rel 6	HSUPA Subtest-1	23.09	23.29	23.34	24.00
3GPP Rel 6	HSUPA Subtest-2	21.36	21.22	21.20	22.00
3GPP Rel 6	HSUPA Subtest-3	22.18	22.53	22.10	23.00
3GPP Rel 6	HSUPA Subtest-4	21.05	21.24	20.93	22.00
3GPP Rel 6	HSUPA Subtest-5	23.16	23.36	23.42	24.00

Band 4 Ant0 DSI5

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	22.96	23.04	22.79	24.5	0
20	QPSK	1	49	22.88	22.83	22.94		
20	QPSK	1	99	22.71	22.84	22.80		
20	QPSK	50	0	22.00	22.10	21.85	23.5	1
20	QPSK	50	24	21.96	21.89	21.97		
20	QPSK	50	50	22.04	21.92	21.88		
20	QPSK	100	0	21.91	22.08	21.76		
20	16QAM	1	0	22.17	22.24	22.09	23.5	1
20	16QAM	1	49	22.11	22.17	22.27		
20	16QAM	1	99	22.20	22.32	22.03		
20	16QAM	50	0	20.80	20.86	20.90	22.5	2
20	16QAM	50	24	20.86	20.85	20.98		
20	16QAM	50	50	20.84	20.82	20.81		
20	16QAM	100	0	20.84	20.88	20.84		
20	64QAM	1	0	20.93	21.09	20.99	22.5	2
20	64QAM	1	49	20.96	20.89	20.90		
20	64QAM	1	99	20.71	20.74	21.02		
20	64QAM	50	0	19.82	19.96	19.91	21.5	3
20	64QAM	50	24	19.84	19.85	20.02		
20	64QAM	50	50	19.75	19.78	19.91		
20	64QAM	100	0	19.71	19.93	19.78		
20	256QAM	1	0	17.99	18.11	17.86	19.5	5
20	256QAM	1	49	17.82	17.89	18.03		
20	256QAM	1	99	17.82	17.73	17.88		
20	256QAM	50	0	17.95	17.77	17.94	19.5	5
20	256QAM	50	24	18.12	18.00	17.98		
20	256QAM	50	50	18.05	17.84	17.97		
20	256QAM	100	0	18.03	17.86	17.65		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.91	22.82	22.64	24.5	0
15	QPSK	1	37	22.97	22.76	22.88		
15	QPSK	1	74	22.64	22.72	22.73		
15	QPSK	36	0	22.11	22.06	21.94	23.5	1
15	QPSK	36	20	22.29	22.01	22.12		
15	QPSK	36	39	22.10	22.08	21.96		
15	QPSK	75	0	22.14	22.01	21.88		
15	16QAM	1	0	22.09	22.17	22.00	23.5	1
15	16QAM	1	37	21.98	22.06	22.17		
15	16QAM	1	74	22.16	22.21	21.93		
15	16QAM	36	0	20.75	20.83	20.77	22.5	2
15	16QAM	36	20	20.74	20.82	20.87		
15	16QAM	36	39	20.77	20.68	20.66		
15	16QAM	75	0	20.75	20.85	20.73		
15	64QAM	1	0	20.78	20.97	20.84	22.5	2
15	64QAM	1	37	20.91	20.75	20.84		
15	64QAM	1	74	20.65	20.68	20.87		
15	64QAM	36	0	19.74	19.93	19.76	21.5	3
15	64QAM	36	20	19.69	19.77	19.99		
15	64QAM	36	39	19.62	19.68	19.89		
15	64QAM	75	0	19.67	19.88	19.66		
15	256QAM	1	0	17.91	17.82	17.64	19.5	5
15	256QAM	1	37	17.97	17.76	17.88		
15	256QAM	1	74	17.64	17.72	17.73		
15	256QAM	36	0	17.91	17.86	17.74	19.5	5
15	256QAM	36	20	18.09	17.81	17.92		
15	256QAM	36	39	17.90	17.88	17.76		
15	256QAM	75	0	17.94	17.81	17.68		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	23.02	22.79	22.68	24.5	0
10	QPSK	1	25	22.87	22.87	22.99		
10	QPSK	1	49	22.72	22.80	22.83		
10	QPSK	25	0	22.02	21.97	21.73	23.5	1
10	QPSK	25	12	22.03	21.91	22.02		
10	QPSK	25	25	21.98	21.85	21.82		
10	QPSK	50	0	21.92	21.86	21.56		
10	16QAM	1	0	22.15	22.08	21.89	23.5	1
10	16QAM	1	25	21.99	22.10	22.15		
10	16QAM	1	49	22.15	22.14	21.90		
10	16QAM	25	0	20.68	20.74	20.68	22.5	2
10	16QAM	25	12	20.79	20.77	20.92		
10	16QAM	25	25	20.73	20.71	20.54		
10	16QAM	50	0	20.66	20.85	20.61		
10	64QAM	1	0	20.76	20.98	20.72	22.5	2
10	64QAM	1	25	20.84	20.66	20.89		
10	64QAM	1	49	20.75	20.79	20.82		
10	64QAM	25	0	19.82	20.02	19.81	21.5	3
10	64QAM	25	12	19.62	19.87	19.95		
10	64QAM	25	25	19.56	19.69	19.81		
10	64QAM	50	0	19.79	19.99	19.68		
10	256QAM	1	0	17.93	17.79	17.60	19.5	5
10	256QAM	1	25	17.89	17.74	17.79		
10	256QAM	1	49	17.56	17.68	17.64		
10	256QAM	25	0	17.89	17.95	17.65	19.5	5
10	256QAM	25	12	17.96	17.80	17.92		
10	256QAM	25	25	17.82	17.97	17.72		
10	256QAM	50	0	18.03	17.73	17.65		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.93	22.85	22.67	24.5	0
5	QPSK	1	12	22.99	22.72	22.83		
5	QPSK	1	24	22.69	22.75	22.71		
5	QPSK	12	0	21.86	21.76	21.71	23.5	1
5	QPSK	12	7	22.07	21.84	21.86		
5	QPSK	12	13	21.97	21.78	21.78		
5	QPSK	25	0	22.01	21.77	21.71		
5	16QAM	1	0	22.05	22.15	22.04	23.5	1
5	16QAM	1	12	21.96	22.05	22.17		
5	16QAM	1	24	22.05	22.24	21.92		
5	16QAM	12	0	20.75	20.70	20.77	22.5	2
5	16QAM	12	7	20.72	20.74	20.92		
5	16QAM	12	13	20.76	20.79	20.66		
5	16QAM	25	0	20.79	20.79	20.75		
5	64QAM	1	0	20.85	21.05	20.88	22.5	2
5	64QAM	1	12	20.94	20.79	20.85		
5	64QAM	1	24	20.74	20.72	20.95		
5	64QAM	12	0	19.70	19.83	19.80	21.5	3
5	64QAM	12	7	19.70	19.83	19.89		
5	64QAM	12	13	19.69	19.66	19.86		
5	64QAM	25	0	19.63	19.83	19.69		
5	256QAM	1	0	18.00	17.96	17.74	19.5	5
5	256QAM	1	12	17.88	17.83	17.83		
5	256QAM	1	24	17.78	17.66	17.71		
5	256QAM	12	0	17.78	17.71	17.70	19.5	5
5	256QAM	12	7	18.02	17.79	17.95		
5	256QAM	12	13	18.07	17.76	17.78		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.90	22.82	22.76	24.5	0
3	QPSK	1	8	22.98	22.68	22.78		
3	QPSK	1	14	22.63	22.76	22.71		
3	QPSK	8	0	21.97	21.80	21.79	23.5	1
3	QPSK	8	4	22.02	21.80	21.93		
3	QPSK	8	7	21.90	21.88	21.85		
3	QPSK	15	0	22.05	21.86	21.66		
3	16QAM	1	0	22.04	22.18	21.97	23.5	1
3	16QAM	1	8	21.97	22.12	22.12		
3	16QAM	1	14	22.05	22.22	22.00		
3	16QAM	8	0	20.77	20.74	20.81	22.5	2
3	16QAM	8	4	20.83	20.78	20.85		
3	16QAM	8	7	20.80	20.79	20.78		
3	16QAM	15	0	20.70	20.80	20.71		
3	64QAM	1	0	20.89	20.94	20.84	22.5	2
3	64QAM	1	8	20.89	20.82	20.88		
3	64QAM	1	14	20.55	20.71	20.94		
3	64QAM	8	0	19.73	19.81	19.86	21.5	3
3	64QAM	8	4	19.70	19.82	19.91		
3	64QAM	8	7	19.61	19.76	19.88		
3	64QAM	15	0	19.64	19.80	19.66		
3	256QAM	1	0	17.80	17.87	17.73	19.5	5
3	256QAM	1	8	17.93	17.59	17.73		
3	256QAM	1	14	17.73	17.68	17.66		
3	256QAM	8	0	18.03	17.74	17.84	19.5	5
3	256QAM	8	4	17.97	17.88	17.82		
3	256QAM	8	7	17.85	17.84	17.83		
3	256QAM	15	0	18.02	17.83	17.72		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.88	22.76	22.63	24.5	0
1.4	QPSK	1	3	22.90	22.76	22.82		
1.4	QPSK	1	5	22.61	22.73	22.77		
1.4	QPSK	3	0	22.94	22.79	22.82		
1.4	QPSK	3	1	22.99	22.78	22.82		
1.4	QPSK	3	3	22.99	22.79	22.72		
1.4	QPSK	6	0	21.94	21.86	21.62	23.5	1
1.4	16QAM	1	0	21.79	21.80	21.69	23.5	1
1.4	16QAM	1	3	21.70	21.69	21.79		
1.4	16QAM	1	5	21.80	21.86	21.67		
1.4	16QAM	3	0	21.65	21.82	21.84		
1.4	16QAM	3	1	21.71	21.74	21.90		
1.4	16QAM	3	3	21.81	21.74	21.74		
1.4	16QAM	6	0	20.74	20.73	20.78	22.5	2
1.4	64QAM	1	0	20.65	20.67	20.51	22.5	2
1.4	64QAM	1	3	20.68	20.67	20.72		
1.4	64QAM	1	5	20.63	20.76	20.67		
1.4	64QAM	3	0	20.72	20.82	20.76		
1.4	64QAM	3	1	20.80	20.82	20.97		
1.4	64QAM	3	3	20.71	20.73	20.84		
1.4	64QAM	6	0	19.57	19.88	19.75	21.5	3
1.4	256QAM	1	0	17.89	17.65	17.62	19.5	5
1.4	256QAM	1	3	17.94	17.76	17.71		
1.4	256QAM	1	5	17.61	17.64	17.78		
1.4	256QAM	3	0	17.72	17.70	17.76		
1.4	256QAM	3	1	17.81	17.72	17.72		
1.4	256QAM	3	3	17.87	17.71	17.71		
1.4	256QAM	6	0	17.86	17.82	17.71	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.17	24.24	24.20	25.5	0
10	QPSK	1	25	24.12	24.20	24.04		
10	QPSK	1	49	23.88	24.10	24.06		
10	QPSK	25	0	23.23	23.32	23.17	24.5	1
10	QPSK	25	12	23.31	23.13	23.23		
10	QPSK	25	25	23.27	23.26	23.24		
10	QPSK	50	0	23.22	23.26	23.21		
10	16QAM	1	0	23.58	23.68	23.56	24.5	1
10	16QAM	1	25	23.52	23.45	23.30		
10	16QAM	1	49	23.44	23.57	23.52		
10	16QAM	25	0	22.24	22.23	22.10	23.5	2
10	16QAM	25	12	22.24	22.18	22.24		
10	16QAM	25	25	22.26	22.14	22.27		
10	16QAM	50	0	22.28	22.20	22.31		
10	64QAM	1	0	22.37	22.59	22.39	23.5	2
10	64QAM	1	25	22.64	22.37	22.46		
10	64QAM	1	49	22.54	22.57	22.44		
10	64QAM	25	0	21.28	21.22	21.13	22.5	3
10	64QAM	25	12	21.33	21.10	21.35		
10	64QAM	25	25	21.33	21.21	21.32		
10	64QAM	50	0	21.21	21.12	21.23		
10	256QAM	1	0	19.14	19.17	19.22	20.5	5
10	256QAM	1	25	19.19	19.27	19.11		
10	256QAM	1	49	18.94	19.20	19.11		
10	256QAM	25	0	19.22	19.31	19.11	20.5	5
10	256QAM	25	12	19.38	19.04	19.28		
10	256QAM	25	25	19.29	19.18	19.33		
10	256QAM	50	0	19.29	19.34	19.15		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.13	24.07	24.05	25.5	0
5	QPSK	1	12	24.11	24.10	23.91		
5	QPSK	1	24	23.77	23.94	23.97		
5	QPSK	12	0	23.08	23.17	23.12	24.5	1
5	QPSK	12	7	23.25	23.04	23.16		
5	QPSK	12	13	23.18	23.18	23.12		
5	QPSK	25	0	23.15	23.15	23.19		
5	16QAM	1	0	23.44	23.56	23.42	24.5	1
5	16QAM	1	12	23.47	23.34	23.25		
5	16QAM	1	24	23.29	23.53	23.44		
5	16QAM	12	0	22.10	22.09	22.01	23.5	2
5	16QAM	12	7	22.18	22.14	22.10		
5	16QAM	12	13	22.19	22.09	22.13		
5	16QAM	25	0	22.18	22.06	22.25		
5	64QAM	1	0	22.30	22.51	22.27	23.5	2
5	64QAM	1	12	22.52	22.29	22.32		
5	64QAM	1	24	22.45	22.48	22.33		
5	64QAM	12	0	21.18	21.14	21.07	22.5	3
5	64QAM	12	7	21.18	21.05	21.29		
5	64QAM	12	13	21.26	21.05	21.27		
5	64QAM	25	0	21.14	21.05	21.13		
5	256QAM	1	0	19.17	19.14	19.05	20.5	5
5	256QAM	1	12	19.04	19.19	18.88		
5	256QAM	1	24	18.80	18.86	19.01		
5	256QAM	12	0	19.02	19.10	19.20	20.5	5
5	256QAM	12	7	19.28	18.98	19.23		
5	256QAM	12	13	19.28	19.27	19.09		
5	256QAM	25	0	19.04	19.14	19.11		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.01	24.05	24.07	25.5	0
3	QPSK	1	8	24.14	24.06	23.96		
3	QPSK	1	14	23.75	24.00	23.91		
3	QPSK	8	0	23.17	23.19	23.09	24.5	1
3	QPSK	8	4	23.24	22.97	23.15		
3	QPSK	8	7	23.18	23.17	23.19		
3	QPSK	15	0	23.11	23.05	23.19		
3	16QAM	1	0	23.51	23.58	23.49	24.5	1
3	16QAM	1	8	23.39	23.32	23.22		
3	16QAM	1	14	23.33	23.52	23.45		
3	16QAM	8	0	22.09	22.16	21.96	23.5	2
3	16QAM	8	4	22.14	22.13	22.16		
3	16QAM	8	7	22.12	22.09	22.18		
3	16QAM	15	0	22.15	22.08	22.22		
3	64QAM	1	0	22.32	22.48	22.24	23.5	2
3	64QAM	1	8	22.59	22.26	22.32		
3	64QAM	1	14	22.45	22.49	22.39		
3	64QAM	8	0	21.17	21.11	21.06	22.5	3
3	64QAM	8	4	21.24	21.02	21.31		
3	64QAM	8	7	21.22	21.10	21.24		
3	64QAM	15	0	21.14	21.07	21.17		
3	256QAM	1	0	19.10	19.13	19.01	20.5	5
3	256QAM	1	8	19.03	19.01	19.08		
3	256QAM	1	14	18.74	18.98	18.95		
3	256QAM	8	0	19.10	19.19	19.19	20.5	5
3	256QAM	8	4	19.18	18.85	19.09		
3	256QAM	8	7	19.20	19.13	19.15		
3	256QAM	15	0	19.03	18.95	19.14		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.07	23.97	24.06	25.5	0
1.4	QPSK	1	3	24.14	24.06	23.99		
1.4	QPSK	1	5	23.85	23.98	23.94		
1.4	QPSK	3	0	23.96	24.00	23.91		
1.4	QPSK	3	1	23.98	23.78	23.91		
1.4	QPSK	3	3	24.01	23.99	23.95		
1.4	QPSK	6	0	23.07	23.08	23.13	24.5	1
1.4	16QAM	1	0	23.46	23.60	23.49	24.5	1
1.4	16QAM	1	3	23.41	23.39	23.25		
1.4	16QAM	1	5	23.40	23.49	23.47		
1.4	16QAM	3	0	22.90	22.96	22.79		
1.4	16QAM	3	1	22.96	22.87	22.95		
1.4	16QAM	3	3	22.99	22.88	22.96		
1.4	16QAM	6	0	22.24	22.07	22.26	23.5	2
1.4	64QAM	1	0	22.32	22.46	22.31	23.5	2
1.4	64QAM	1	3	22.53	22.24	22.38		
1.4	64QAM	1	5	22.46	22.47	22.40		
1.4	64QAM	3	0	22.00	21.90	21.83		
1.4	64QAM	3	1	22.02	21.84	22.05		
1.4	64QAM	3	3	22.00	21.88	22.04		
1.4	64QAM	6	0	21.15	21.08	21.12	22.5	3
1.4	256QAM	1	0	19.15	19.02	19.11	20.5	5
1.4	256QAM	1	3	19.18	18.98	18.90		
1.4	256QAM	1	5	18.94	18.97	18.90		
1.4	256QAM	3	0	19.19	19.13	19.17		
1.4	256QAM	3	1	19.07	18.95	19.15		
1.4	256QAM	3	3	19.31	19.24	19.24		
1.4	256QAM	6	0	19.18	18.97	19.25	20.5	5

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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	20.09	20.45	20.16	21.5	0
20	QPSK	1	49	20.15	20.12	20.22		
20	QPSK	1	99	20.08	20.18	20.39		
20	QPSK	50	0	19.94	20.33	20.02	21.5	0
20	QPSK	50	24	20.13	20.08	20.23		
20	QPSK	50	50	20.17	20.30	20.29		
20	QPSK	100	0	20.02	20.10	19.91		
20	16QAM	1	0	20.27	20.04	20.28	21.5	0
20	16QAM	1	49	20.33	20.07	20.38		
20	16QAM	1	99	20.03	20.03	19.92		
20	16QAM	50	0	20.19	20.20	20.29	21.5	0
20	16QAM	50	24	20.20	20.04	20.28		
20	16QAM	50	50	20.14	20.12	20.34		
20	16QAM	100	0	20.20	20.16	19.91		
20	64QAM	1	0	20.28	20.08	20.32	21.5	0
20	64QAM	1	49	20.38	20.09	20.44		
20	64QAM	1	99	20.13	20.16	20.03		
20	64QAM	50	0	20.10	20.11	20.25	21.5	0
20	64QAM	50	24	20.30	20.14	20.29		
20	64QAM	50	50	20.14	20.11	20.06		
20	64QAM	100	0	20.17	20.06	20.35		
20	256QAM	1	0	18.08	18.37	18.23	19.5	2
20	256QAM	1	49	18.15	18.14	18.11		
20	256QAM	1	99	18.05	18.06	18.28		
20	256QAM	50	0	18.05	18.25	18.05	19.5	2
20	256QAM	50	24	18.11	18.00	18.20		
20	256QAM	50	50	18.13	18.41	18.32		
20	256QAM	100	0	17.99	18.20	17.80		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.89	20.27	20.15	21.5	0
15	QPSK	1	37	19.93	19.91	20.08		
15	QPSK	1	74	19.95	19.94	20.21		
15	QPSK	36	0	19.85	20.15	20.01	21.5	0
15	QPSK	36	20	19.91	19.93	20.17		
15	QPSK	36	39	20.02	20.09	20.07		
15	QPSK	75	0	19.84	20.06	19.72		
15	16QAM	1	0	20.16	19.83	20.05	21.5	0
15	16QAM	1	37	20.12	19.83	20.27		
15	16QAM	1	74	19.91	19.89	19.79		
15	16QAM	36	0	20.12	20.07	20.13	21.5	0
15	16QAM	36	20	19.99	19.89	20.24		
15	16QAM	36	39	20.01	19.94	20.19		
15	16QAM	75	0	20.16	20.05	19.77		
15	64QAM	1	0	20.21	20.07	20.24	21.5	0
15	64QAM	1	37	20.26	19.98	20.30		
15	64QAM	1	74	20.11	20.00	19.97		
15	64QAM	36	0	19.98	20.01	20.24	21.5	0
15	64QAM	36	20	20.20	19.90	20.07		
15	64QAM	36	39	20.08	20.07	19.88		
15	64QAM	75	0	20.08	19.87	20.33		
15	256QAM	1	0	17.89	18.22	18.01	19.5	2
15	256QAM	1	37	18.04	18.10	18.10		
15	256QAM	1	74	17.87	17.92	18.15		
15	256QAM	36	0	17.75	18.02	18.05	19.5	2
15	256QAM	36	20	18.00	17.96	17.98		
15	256QAM	36	39	18.08	18.20	18.15		
15	256QAM	75	0	17.94	18.08	17.68		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.91	20.42	20.01	21.5	0
10	QPSK	1	25	20.04	20.04	20.08		
10	QPSK	1	49	20.07	20.10	20.34		
10	QPSK	25	0	19.93	20.20	19.79	21.5	0
10	QPSK	25	12	20.06	20.00	20.03		
10	QPSK	25	25	20.13	20.17	20.07		
10	QPSK	50	0	19.90	20.01	19.86		
10	16QAM	1	0	20.12	19.85	20.25	21.5	0
10	16QAM	1	25	20.29	19.98	20.22		
10	16QAM	1	49	19.88	19.85	19.77		
10	16QAM	25	0	19.99	20.03	20.22	21.5	0
10	16QAM	25	12	19.99	19.93	20.05		
10	16QAM	25	25	20.06	20.01	20.29		
10	16QAM	50	0	20.14	20.14	19.74		
10	64QAM	1	0	20.16	20.04	20.23	21.5	0
10	64QAM	1	25	20.36	19.94	20.41		
10	64QAM	1	49	19.95	20.00	19.80		
10	64QAM	25	0	19.92	19.95	20.03	21.5	0
10	64QAM	25	12	20.17	19.93	20.11		
10	64QAM	25	25	20.06	19.94	20.02		
10	64QAM	50	0	20.00	19.97	20.14		
10	256QAM	1	0	18.03	18.20	18.16	19.5	2
10	256QAM	1	25	18.06	18.00	18.08		
10	256QAM	1	49	17.92	18.01	18.10		
10	256QAM	25	0	17.76	18.21	17.97	19.5	2
10	256QAM	25	12	17.92	17.94	18.04		
10	256QAM	25	25	18.03	18.24	18.31		
10	256QAM	50	0	17.81	18.13	17.66		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.86	20.35	20.08	21.5	0
5	QPSK	1	12	19.97	20.11	19.99		
5	QPSK	1	24	19.89	20.13	20.34		
5	QPSK	12	0	19.75	20.20	19.97	21.5	0
5	QPSK	12	7	20.06	20.00	20.11		
5	QPSK	12	13	19.96	20.29	20.18		
5	QPSK	25	0	19.89	19.91	19.85		
5	16QAM	1	0	20.24	19.82	20.21	21.5	0
5	16QAM	1	12	20.14	19.87	20.21		
5	16QAM	1	24	19.94	19.87	19.75		
5	16QAM	12	0	20.06	20.09	20.09	21.5	0
5	16QAM	12	7	20.06	19.90	20.25		
5	16QAM	12	13	19.98	20.02	20.10		
5	16QAM	25	0	19.96	20.07	19.75		
5	64QAM	1	0	20.12	19.94	20.24	21.5	0
5	64QAM	1	12	20.17	19.89	20.33		
5	64QAM	1	24	19.90	20.13	19.91		
5	64QAM	12	0	20.01	19.92	20.17	21.5	0
5	64QAM	12	7	20.16	20.11	20.22		
5	64QAM	12	13	20.04	20.00	20.06		
5	64QAM	25	0	20.17	19.99	20.27		
5	256QAM	1	0	17.94	18.29	18.14	19.5	2
5	256QAM	1	12	18.02	18.01	17.97		
5	256QAM	1	24	17.96	17.92	18.14		
5	256QAM	12	0	17.92	18.04	17.92	19.5	2
5	256QAM	12	7	17.96	17.88	18.18		
5	256QAM	12	13	18.01	18.29	18.13		
5	256QAM	25	0	17.95	18.16	17.77		

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.26	24.54	24.23	25.5	0
10	QPSK	1	25	24.35	24.42	24.32		
10	QPSK	1	49	24.41	24.41	24.49		
10	QPSK	25	0	23.36	23.54	23.35	24.5	1
10	QPSK	25	12	23.49	23.51	23.44		
10	QPSK	25	25	23.53	23.49	23.44		
10	QPSK	50	0	23.44	23.51	23.41		
10	16QAM	1	0	23.88	23.90	23.85	24.5	1
10	16QAM	1	25	23.84	23.81	23.84		
10	16QAM	1	49	23.77	23.76	23.98		
10	16QAM	25	0	22.50	22.51	22.43	23.5	2
10	16QAM	25	12	22.52	22.55	22.35		
10	16QAM	25	25	22.50	22.55	22.53		
10	16QAM	50	0	22.55	22.52	22.41		
10	64QAM	1	0	22.64	22.67	22.63	23.5	2
10	64QAM	1	25	22.69	22.86	22.79		
10	64QAM	1	49	22.65	22.53	22.70		
10	64QAM	25	0	21.45	21.49	21.48	22.5	3
10	64QAM	25	12	21.56	21.49	21.37		
10	64QAM	25	25	21.52	21.57	21.42		
10	64QAM	50	0	21.33	21.41	21.36		
10	256QAM	1	0	19.34	19.54	19.26	20.5	5
10	256QAM	1	25	19.25	19.53	19.41		
10	256QAM	1	49	19.49	19.31	19.38		
10	256QAM	25	0	19.47	19.50	19.32	20.5	5
10	256QAM	25	12	19.56	19.57	19.53		
10	256QAM	25	25	19.58	19.59	19.32		
10	256QAM	50	0	19.55	19.40	19.34		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.21	24.23	24.15	25.5	0
5	QPSK	1	12	24.47	24.38	24.22		
5	QPSK	1	24	24.36	24.29	24.43		
5	QPSK	12	0	23.31	23.28	23.27	24.5	1
5	QPSK	12	7	23.39	23.46	23.32		
5	QPSK	12	13	23.39	23.45	23.30		
5	QPSK	25	0	23.46	23.39	23.30		
5	16QAM	1	0	23.74	23.83	23.70	24.5	1
5	16QAM	1	12	23.69	23.68	23.79		
5	16QAM	1	24	23.69	23.61	23.84		
5	16QAM	12	0	22.42	22.35	22.34	23.5	2
5	16QAM	12	7	22.43	22.42	22.24		
5	16QAM	12	13	22.35	22.45	22.48		
5	16QAM	25	0	22.50	22.39	22.31		
5	64QAM	1	0	22.54	22.63	22.53	23.5	2
5	64QAM	1	12	22.56	22.76	22.71		
5	64QAM	1	24	22.54	22.47	22.62		
5	64QAM	12	0	21.41	21.38	21.34	22.5	3
5	64QAM	12	7	21.48	21.38	21.26		
5	64QAM	12	13	21.44	21.48	21.35		
5	64QAM	25	0	21.24	21.37	21.23		
5	256QAM	1	0	19.13	19.29	19.24	20.5	5
5	256QAM	1	12	19.52	19.43	19.16		
5	256QAM	1	24	19.25	19.30	19.39		
5	256QAM	12	0	19.38	19.17	19.29	20.5	5
5	256QAM	12	7	19.33	19.50	19.26		
5	256QAM	12	13	19.36	19.56	19.40		
5	256QAM	25	0	19.40	19.35	19.33		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.15	24.26	24.16	25.5	0
3	QPSK	1	8	24.49	24.29	24.21		
3	QPSK	1	14	24.30	24.28	24.33		
3	QPSK	8	0	23.27	23.31	23.24	24.5	1
3	QPSK	8	4	23.41	23.43	23.29		
3	QPSK	8	7	23.43	23.43	23.34		
3	QPSK	15	0	23.40	23.35	23.26		
3	16QAM	1	0	23.80	23.78	23.79	24.5	1
3	16QAM	1	8	23.71	23.73	23.69		
3	16QAM	1	14	23.66	23.71	23.92		
3	16QAM	8	0	22.44	22.43	22.37	23.5	2
3	16QAM	8	4	22.47	22.49	22.25		
3	16QAM	8	7	22.42	22.49	22.47		
3	16QAM	15	0	22.46	22.40	22.31		
3	64QAM	1	0	22.49	22.62	22.58	23.5	2
3	64QAM	1	8	22.54	22.81	22.74		
3	64QAM	1	14	22.53	22.41	22.54		
3	64QAM	8	0	21.33	21.41	21.35	22.5	3
3	64QAM	8	4	21.46	21.44	21.27		
3	64QAM	8	7	21.40	21.50	21.37		
3	64QAM	15	0	21.18	21.25	21.26		
3	256QAM	1	0	19.08	19.35	19.13	20.5	5
3	256QAM	1	8	19.44	19.23	19.32		
3	256QAM	1	14	19.20	19.20	19.39		
3	256QAM	8	0	19.38	19.38	19.25	20.5	5
3	256QAM	8	4	19.38	19.34	19.20		
3	256QAM	8	7	19.39	19.36	19.39		
3	256QAM	15	0	19.44	19.30	19.20		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.17	24.30	24.10	25.5	0
1.4	QPSK	1	3	24.42	24.34	24.25		
1.4	QPSK	1	5	24.32	24.26	24.38		
1.4	QPSK	3	0	24.19	24.26	24.13		
1.4	QPSK	3	1	24.24	24.36	24.23		
1.4	QPSK	3	3	24.31	24.39	24.29		
1.4	QPSK	6	0	23.43	23.31	23.31	24.5	1
1.4	16QAM	1	0	23.76	23.83	23.72	24.5	1
1.4	16QAM	1	3	23.78	23.66	23.71		
1.4	16QAM	1	5	23.62	23.68	23.94		
1.4	16QAM	3	0	23.32	23.27	23.18		
1.4	16QAM	3	1	23.28	23.31	23.14		
1.4	16QAM	3	3	23.34	23.29	23.36		
1.4	16QAM	6	0	22.50	22.40	22.25	23.5	2
1.4	64QAM	1	0	22.59	22.54	22.48	23.5	2
1.4	64QAM	1	3	22.59	22.73	22.68		
1.4	64QAM	1	5	22.56	22.46	22.59		
1.4	64QAM	3	0	22.20	22.33	22.30		
1.4	64QAM	3	1	22.35	22.35	22.18		
1.4	64QAM	3	3	22.31	22.41	22.24		
1.4	64QAM	6	0	21.27	21.32	21.26	22.5	3
1.4	256QAM	1	0	19.12	19.29	19.20	20.5	5
1.4	256QAM	1	3	19.43	19.36	19.34		
1.4	256QAM	1	5	19.35	19.31	19.46		
1.4	256QAM	3	0	19.08	19.27	19.18		
1.4	256QAM	3	1	19.16	19.28	19.23		
1.4	256QAM	3	3	19.36	19.38	19.18		
1.4	256QAM	6	0	19.32	19.35	19.32	20.5	5

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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					23230			
Frequency (MHz)					782			
10	QPSK	1	0		24.54		25.5	0
10	QPSK	1	25		24.43			
10	QPSK	1	49		24.45			
10	QPSK	25	0		23.63		24.5	1
10	QPSK	25	12		23.56			
10	QPSK	25	25		23.51			
10	QPSK	50	0		23.54			
10	16QAM	1	0		23.49		24.5	1
10	16QAM	1	25		23.45			
10	16QAM	1	49		23.54			
10	16QAM	25	0		22.55		23.5	2
10	16QAM	25	12		22.58			
10	16QAM	25	25		22.64			
10	16QAM	50	0		22.56			
10	64QAM	1	0		22.65		23.5	2
10	64QAM	1	25		22.67			
10	64QAM	1	49		22.70			
10	64QAM	25	0		21.55		22.5	3
10	64QAM	25	12		21.56			
10	64QAM	25	25		21.62			
10	64QAM	50	0		21.53			
10	256QAM	1	0		19.38		20.5	5
10	256QAM	1	25		19.39			
10	256QAM	1	49		19.17			
10	256QAM	25	0		19.44		20.5	5
10	256QAM	25	12		19.51			
10	256QAM	25	25		19.48			
10	256QAM	50	0		19.24			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	24.46	24.50	24.47	25.5	0
5	QPSK	1	12	24.37	24.48	24.49		
5	QPSK	1	24	24.48	24.48	24.50		
5	QPSK	12	0	23.46	23.50	23.51	24.5	1
5	QPSK	12	7	23.60	23.54	23.54		
5	QPSK	12	13	23.56	23.59	23.58		
5	QPSK	25	0	23.53	23.50	23.47		
5	16QAM	1	0	23.49	23.55	23.47	24.5	1
5	16QAM	1	12	23.55	23.60	23.58		
5	16QAM	1	24	23.51	23.49	23.55		
5	16QAM	12	0	22.53	22.59	22.61	23.5	2
5	16QAM	12	7	22.68	22.61	22.64		
5	16QAM	12	13	22.63	22.69	22.66		
5	16QAM	25	0	22.60	22.51	22.54		
5	64QAM	1	0	22.60	22.77	22.75	23.5	2
5	64QAM	1	12	22.79	22.81	22.79		
5	64QAM	1	24	22.61	22.71	22.66		
5	64QAM	12	0	21.51	21.55	21.51	22.5	3
5	64QAM	12	7	21.65	21.52	21.57		
5	64QAM	12	13	21.60	21.63	21.61		
5	64QAM	25	0	21.55	21.51	21.53		
5	256QAM	1	0	19.28	19.43	19.20	20.5	5
5	256QAM	1	12	19.12	19.38	19.33		
5	256QAM	1	24	19.40	19.22	19.32		
5	256QAM	12	0	19.34	19.39	19.25	20.5	5
5	256QAM	12	7	19.47	19.47	19.40		
5	256QAM	12	13	19.51	19.42	19.14		
5	256QAM	25	0	19.47	19.30	19.23		

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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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.12	24.23	24.06	25.5	0
10	QPSK	1	25	24.08	23.99	24.17		
10	QPSK	1	49	24.07	24.12	23.94		
10	QPSK	25	0	23.12	23.26	23.22	24.5	1
10	QPSK	25	12	23.24	23.17	23.23		
10	QPSK	25	25	23.23	23.23	23.21		
10	QPSK	50	0	23.12	23.22	23.19		
10	16QAM	1	0	23.42	23.48	23.31	24.5	1
10	16QAM	1	25	23.61	23.41	23.35		
10	16QAM	1	49	23.62	23.62	23.51		
10	16QAM	25	0	22.19	22.16	22.25	23.5	2
10	16QAM	25	12	22.31	22.14	22.26		
10	16QAM	25	25	22.21	22.25	22.16		
10	16QAM	50	0	22.25	22.13	22.20		
10	64QAM	1	0	22.23	22.04	22.21	23.5	2
10	64QAM	1	25	22.29	22.29	22.18		
10	64QAM	1	49	22.14	22.39	22.33		
10	64QAM	25	0	21.15	21.15	21.08	22.5	3
10	64QAM	25	12	21.26	21.28	21.25		
10	64QAM	25	25	21.16	21.17	21.23		
10	64QAM	50	0	21.17	21.16	21.16		
10	256QAM	1	0	18.96	19.22	18.91	20.5	5
10	256QAM	1	25	18.94	19.22	19.06		
10	256QAM	1	49	19.22	18.94	19.10		
10	256QAM	25	0	19.21	19.22	19.05	20.5	5
10	256QAM	25	12	19.28	19.29	19.16		
10	256QAM	25	25	19.25	19.23	19.03		
10	256QAM	50	0	19.21	19.08	18.99		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.06	24.01	23.99	25.5	0
5	QPSK	1	12	23.99	23.85	24.01		
5	QPSK	1	24	23.93	24.10	23.84		
5	QPSK	12	0	22.96	23.02	23.14	24.5	1
5	QPSK	12	7	23.13	23.03	23.12		
5	QPSK	12	13	23.12	23.12	23.16		
5	QPSK	25	0	23.14	23.03	23.05		
5	16QAM	1	0	23.29	23.35	23.26	24.5	1
5	16QAM	1	12	23.46	23.29	23.24		
5	16QAM	1	24	23.50	23.54	23.46		
5	16QAM	12	0	22.11	22.09	22.14	23.5	2
5	16QAM	12	7	22.19	22.03	22.16		
5	16QAM	12	13	22.07	22.14	22.06		
5	16QAM	25	0	22.14	22.02	22.15		
5	64QAM	1	0	22.10	21.99	22.12	23.5	2
5	64QAM	1	12	22.24	22.19	22.14		
5	64QAM	1	24	22.00	22.29	22.20		
5	64QAM	12	0	21.06	21.04	20.99	22.5	3
5	64QAM	12	7	21.17	21.16	21.13		
5	64QAM	12	13	21.03	21.03	21.08		
5	64QAM	25	0	21.02	21.07	21.04		
5	256QAM	1	0	19.07	19.17	18.99	20.5	5
5	256QAM	1	12	18.88	19.14	19.13		
5	256QAM	1	24	19.22	19.03	19.02		
5	256QAM	12	0	19.20	19.21	18.98	20.5	5
5	256QAM	12	7	19.18	19.28	19.16		
5	256QAM	12	13	19.27	19.31	18.97		
5	256QAM	25	0	19.27	19.03	19.02		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	24.21	24.35	24.21	25.5	0
15	QPSK	1	37	24.26	24.31	24.32		
15	QPSK	1	74	24.27	24.25	24.17		
15	QPSK	36	0	23.30	23.41	23.28	24.5	1
15	QPSK	36	20	23.36	23.34	23.28		
15	QPSK	36	39	23.36	23.33	23.34		
15	QPSK	75	0	23.34	23.37	23.30		
15	16QAM	1	0	23.17	23.21	23.27	24.5	1
15	16QAM	1	37	23.08	23.43	23.39		
15	16QAM	1	74	23.22	23.24	23.06		
15	16QAM	36	0	22.33	22.39	22.32	23.5	2
15	16QAM	36	20	22.40	22.38	22.30		
15	16QAM	36	39	22.39	22.40	22.38		
15	16QAM	75	0	22.37	22.36	22.32		
15	64QAM	1	0	22.42	22.47	22.49	23.5	2
15	64QAM	1	37	22.48	22.67	22.54		
15	64QAM	1	74	22.42	22.54	22.43		
15	64QAM	36	0	21.34	21.39	21.32	22.5	3
15	64QAM	36	20	21.38	21.36	21.27		
15	64QAM	36	39	21.40	21.42	21.38		
15	64QAM	75	0	21.40	21.36	21.32		
15	256QAM	1	0	19.12	19.25	18.96	20.5	5
15	256QAM	1	37	18.99	19.30	19.16		
15	256QAM	1	74	19.29	19.07	19.20		
15	256QAM	36	0	19.18	19.26	19.14	20.5	5
15	256QAM	36	20	19.36	19.31	19.35		
15	256QAM	36	39	19.28	19.38	19.07		
15	256QAM	75	0	19.27	19.16	19.11		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.03	24.09	24.28	25.5	0
10	QPSK	1	25	24.02	24.17	24.16		
10	QPSK	1	49	24.11	24.14	24.17		
10	QPSK	25	0	23.32	23.32	23.04	24.5	1
10	QPSK	25	12	23.34	23.19	23.15		
10	QPSK	25	25	23.25	23.18	23.36		
10	QPSK	50	0	23.21	23.12	23.24		
10	16QAM	1	0	23.12	23.01	23.30	24.5	1
10	16QAM	1	25	22.83	23.32	23.15		
10	16QAM	1	49	23.16	23.14	22.91		
10	16QAM	25	0	22.13	22.16	22.33	23.5	2
10	16QAM	25	12	22.32	22.26	22.33		
10	16QAM	25	25	22.24	22.22	22.22		
10	16QAM	50	0	22.22	22.11	22.24		
10	64QAM	1	0	22.37	22.34	22.32	23.5	2
10	64QAM	1	25	22.25	22.48	22.29		
10	64QAM	1	49	22.44	22.54	22.44		
10	64QAM	25	0	21.35	21.37	21.16	22.5	3
10	64QAM	25	12	21.31	21.34	21.27		
10	64QAM	25	25	21.20	21.21	21.36		
10	64QAM	50	0	21.35	21.13	21.08		
10	256QAM	1	0	19.13	19.30	18.99	20.5	5
10	256QAM	1	25	19.05	19.32	19.13		
10	256QAM	1	49	19.29	19.01	19.09		
10	256QAM	25	0	19.18	19.19	19.06	20.5	5
10	256QAM	25	12	19.26	19.32	19.23		
10	256QAM	25	25	19.39	19.41	19.02		
10	256QAM	50	0	19.35	19.22	19.07		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.10	24.06	24.18	25.5	0
5	QPSK	1	12	24.04	24.33	24.10		
5	QPSK	1	24	24.16	24.06	24.09		
5	QPSK	12	0	23.19	23.18	23.22	24.5	1
5	QPSK	12	7	23.28	23.16	23.14		
5	QPSK	12	13	23.22	23.26	23.11		
5	QPSK	25	0	23.32	23.30	23.19		
5	16QAM	1	0	23.02	22.98	23.26	24.5	1
5	16QAM	1	12	22.87	23.27	23.23		
5	16QAM	1	24	22.99	23.11	22.99		
5	16QAM	12	0	22.13	22.22	22.19	23.5	2
5	16QAM	12	7	22.40	22.38	22.35		
5	16QAM	12	13	22.26	22.35	22.25		
5	16QAM	25	0	22.20	22.17	22.28		
5	64QAM	1	0	22.45	22.30	22.28	23.5	2
5	64QAM	1	12	22.38	22.67	22.52		
5	64QAM	1	24	22.37	22.56	22.19		
5	64QAM	12	0	21.20	21.41	21.18	22.5	3
5	64QAM	12	7	21.17	21.25	21.19		
5	64QAM	12	13	21.31	21.32	21.19		
5	64QAM	25	0	21.31	21.34	21.18		
5	256QAM	1	0	19.09	19.25	19.04	20.5	5
5	256QAM	1	12	19.00	19.31	19.19		
5	256QAM	1	24	19.30	19.07	19.11		
5	256QAM	12	0	19.23	19.23	19.07	20.5	5
5	256QAM	12	7	19.30	19.39	19.31		
5	256QAM	12	13	19.31	19.36	19.02		
5	256QAM	25	0	19.37	19.14	19.05		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	23.96	23.97	24.22	25.5	0
3	QPSK	1	8	24.26	24.19	24.08		
3	QPSK	1	14	24.05	24.23	24.03		
3	QPSK	8	0	23.34	23.37	23.29	24.5	1
3	QPSK	8	4	23.14	23.28	23.21		
3	QPSK	8	7	23.29	23.26	23.29		
3	QPSK	15	0	23.24	23.27	23.07		
3	16QAM	1	0	23.20	23.24	23.13	24.5	1
3	16QAM	1	8	22.93	23.18	23.43		
3	16QAM	1	14	23.11	23.05	23.05		
3	16QAM	8	0	22.27	22.32	22.12	23.5	2
3	16QAM	8	4	22.19	22.29	22.26		
3	16QAM	8	7	22.44	22.42	22.36		
3	16QAM	15	0	22.30	22.31	22.07		
3	64QAM	1	0	22.34	22.33	22.32	23.5	2
3	64QAM	1	8	22.37	22.45	22.31		
3	64QAM	1	14	22.45	22.50	22.25		
3	64QAM	8	0	21.23	21.36	21.24	22.5	3
3	64QAM	8	4	21.31	21.22	21.26		
3	64QAM	8	7	21.42	21.30	21.37		
3	64QAM	15	0	21.19	21.35	21.17		
3	256QAM	1	0	19.03	19.24	18.99	20.5	5
3	256QAM	1	8	19.02	19.25	19.15		
3	256QAM	1	14	19.29	19.04	19.14		
3	256QAM	8	0	19.18	19.22	19.03	20.5	5
3	256QAM	8	4	19.28	19.38	19.28		
3	256QAM	8	7	19.38	19.32	19.09		
3	256QAM	15	0	19.33	19.14	19.11		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.95	23.97	24.23	25.5	0
1.4	QPSK	1	3	23.87	24.14	23.92		
1.4	QPSK	1	5	24.06	24.04	23.94		
1.4	QPSK	3	0	23.84	23.81	24.03		
1.4	QPSK	3	1	24.12	23.94	23.89		
1.4	QPSK	3	3	24.10	24.19	23.91		
1.4	QPSK	6	0	23.14	23.18	23.23	24.5	1
1.4	16QAM	1	0	23.15	23.19	23.07	24.5	1
1.4	16QAM	1	3	23.12	23.04	23.12		
1.4	16QAM	1	5	23.14	23.23	23.01		
1.4	16QAM	3	0	22.99	23.02	23.23		
1.4	16QAM	3	1	22.79	23.14	23.06		
1.4	16QAM	3	3	23.03	22.89	22.87		
1.4	16QAM	6	0	22.01	22.17	21.94	23.5	2
1.4	64QAM	1	0	22.32	22.34	22.36	23.5	2
1.4	64QAM	1	3	22.07	22.36	22.29		
1.4	64QAM	1	5	21.97	22.17	22.26		
1.4	64QAM	3	0	21.96	22.18	22.19		
1.4	64QAM	3	1	22.15	22.04	21.82		
1.4	64QAM	3	3	22.19	21.99	22.01		
1.4	64QAM	6	0	21.05	21.41	21.23	22.5	3
1.4	256QAM	1	0	19.14	19.29	19.07	20.5	5
1.4	256QAM	1	3	18.97	19.25	19.19		
1.4	256QAM	1	5	19.19	19.00	19.09		
1.4	256QAM	3	0	19.18	19.32	19.09		
1.4	256QAM	3	1	19.29	19.28	19.34		
1.4	256QAM	3	3	19.33	19.38	19.01		
1.4	256QAM	6	0	19.36	19.20	19.10	20.5	5

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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	22.87	23.07	23.02	24.5	0
20	QPSK	1	49	22.93	22.94	23.02		
20	QPSK	1	99	22.74	22.72	22.92		
20	QPSK	50	0	21.82	22.09	21.96	23.5	1
20	QPSK	50	24	21.97	21.96	21.99		
20	QPSK	50	50	21.93	22.00	22.04		
20	QPSK	100	0	21.93	21.95	21.92		
20	16QAM	1	0	22.30	22.03	22.12	23.5	1
20	16QAM	1	49	22.20	22.24	22.34		
20	16QAM	1	99	22.25	22.26	22.17		
20	16QAM	50	0	20.91	21.00	21.07	22.5	2
20	16QAM	50	24	21.06	21.11	21.02		
20	16QAM	50	50	20.91	21.16	21.01		
20	16QAM	100	0	21.05	20.95	21.06		
20	64QAM	1	0	21.02	21.10	21.13	22.5	2
20	64QAM	1	49	21.14	21.04	21.05		
20	64QAM	1	99	21.30	21.06	21.17		
20	64QAM	50	0	19.95	20.03	19.95	21.5	3
20	64QAM	50	24	19.97	20.12	20.06		
20	64QAM	50	50	19.91	19.95	20.01		
20	64QAM	100	0	20.07	19.98	20.07		
20	256QAM	1	0	18.05	18.13	18.13	19.5	5
20	256QAM	1	49	18.02	18.13	18.19		
20	256QAM	1	99	17.80	17.87	18.11		
20	256QAM	50	0	17.80	18.14	18.08	19.5	5
20	256QAM	50	24	18.00	18.15	18.02		
20	256QAM	50	50	18.14	18.15	18.09		
20	256QAM	100	0	18.15	18.05	18.00		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.83	22.85	22.90	24.5	0
15	QPSK	1	37	22.81	23.00	22.98		
15	QPSK	1	74	22.71	22.68	22.87		
15	QPSK	36	0	21.73	21.80	21.94	23.5	1
15	QPSK	36	20	21.80	21.80	21.92		
15	QPSK	36	39	21.80	21.91	21.86		
15	QPSK	75	0	21.85	21.77	21.82		
15	16QAM	1	0	22.20	21.93	22.08	23.5	1
15	16QAM	1	37	22.10	22.14	22.29		
15	16QAM	1	74	22.16	22.14	22.10		
15	16QAM	36	0	20.84	20.86	20.96	22.5	2
15	16QAM	36	20	20.97	21.04	20.88		
15	16QAM	36	39	20.79	21.10	20.94		
15	16QAM	75	0	20.94	20.86	20.90		
15	64QAM	1	0	20.97	21.03	21.03	22.5	2
15	64QAM	1	37	20.98	20.99	20.93		
15	64QAM	1	74	21.24	20.97	21.11		
15	64QAM	36	0	19.88	19.95	19.86	21.5	3
15	64QAM	36	20	19.92	20.02	19.90		
15	64QAM	36	39	19.78	19.84	19.89		
15	64QAM	75	0	19.89	19.92	20.00		
15	256QAM	1	0	17.91	17.86	18.10	19.5	5
15	256QAM	1	37	17.86	18.10	18.09		
15	256QAM	1	74	17.82	17.80	18.01		
15	256QAM	36	0	17.94	17.97	18.01	19.5	5
15	256QAM	36	20	17.84	18.02	17.91		
15	256QAM	36	39	17.93	18.11	17.89		
15	256QAM	75	0	18.00	17.78	17.99		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.70	22.83	22.89	24.5	0
10	QPSK	1	25	22.82	22.95	22.85		
10	QPSK	1	49	22.57	22.56	22.88		
10	QPSK	25	0	21.74	21.81	21.97	23.5	1
10	QPSK	25	12	21.84	21.78	21.92		
10	QPSK	25	25	21.82	21.92	21.95		
10	QPSK	50	0	21.84	21.81	21.75		
10	16QAM	1	0	22.18	21.85	22.02	23.5	1
10	16QAM	1	25	22.12	22.20	22.21		
10	16QAM	1	49	22.12	22.20	22.12		
10	16QAM	25	0	20.81	20.91	20.95	22.5	2
10	16QAM	25	12	20.91	20.97	20.84		
10	16QAM	25	25	20.86	21.08	20.85		
10	16QAM	50	0	20.88	20.87	20.89		
10	64QAM	1	0	20.87	20.94	21.07	22.5	2
10	64QAM	1	25	21.08	20.88	20.93		
10	64QAM	1	49	21.23	20.89	21.00		
10	64QAM	25	0	19.81	19.86	19.80	21.5	3
10	64QAM	25	12	19.91	20.02	19.95		
10	64QAM	25	25	19.81	19.84	19.96		
10	64QAM	50	0	19.93	19.87	19.92		
10	256QAM	1	0	17.83	17.96	17.93	19.5	5
10	256QAM	1	25	17.85	18.01	17.99		
10	256QAM	1	49	17.70	17.63	17.89		
10	256QAM	25	0	17.89	17.96	18.06	19.5	5
10	256QAM	25	12	17.93	18.00	18.08		
10	256QAM	25	25	17.88	17.91	17.98		
10	256QAM	50	0	18.04	17.80	17.87		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.77	22.77	22.91	24.5	0
5	QPSK	1	12	22.77	22.95	22.98		
5	QPSK	1	24	22.67	22.64	22.77		
5	QPSK	12	0	21.71	21.86	21.95	23.5	1
5	QPSK	12	7	21.88	21.90	21.93		
5	QPSK	12	13	21.82	21.86	21.91		
5	QPSK	25	0	21.80	21.79	21.85		
5	16QAM	1	0	22.20	21.94	21.99	23.5	1
5	16QAM	1	12	22.11	22.19	22.28		
5	16QAM	1	24	22.19	22.10	22.01		
5	16QAM	12	0	20.80	20.90	20.93	22.5	2
5	16QAM	12	7	20.94	21.02	20.96		
5	16QAM	12	13	20.83	21.03	20.89		
5	16QAM	25	0	20.98	20.85	20.98		
5	64QAM	1	0	20.85	20.97	20.98	22.5	2
5	64QAM	1	12	21.07	20.89	20.88		
5	64QAM	1	24	21.16	20.98	21.04		
5	64QAM	12	0	19.88	19.92	19.78	21.5	3
5	64QAM	12	7	19.85	20.05	20.00		
5	64QAM	12	13	19.84	19.86	19.94		
5	64QAM	25	0	19.97	19.81	20.02		
5	256QAM	1	0	17.87	17.88	17.93	19.5	5
5	256QAM	1	12	17.92	17.98	18.12		
5	256QAM	1	24	17.78	17.75	17.77		
5	256QAM	12	0	17.88	17.93	17.95	19.5	5
5	256QAM	12	7	17.99	18.01	18.02		
5	256QAM	12	13	17.89	18.06	18.06		
5	256QAM	25	0	17.89	17.83	18.04		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.75	22.82	22.88	24.5	0
3	QPSK	1	8	22.86	22.90	22.86		
3	QPSK	1	14	22.63	22.61	22.84		
3	QPSK	8	0	21.75	21.88	22.05	23.5	1
3	QPSK	8	4	21.85	21.86	21.93		
3	QPSK	8	7	21.86	21.95	21.93		
3	QPSK	15	0	21.85	21.81	21.78		
3	16QAM	1	0	22.14	21.98	22.07	23.5	1
3	16QAM	1	8	22.10	22.11	22.19		
3	16QAM	1	14	22.20	22.22	22.00		
3	16QAM	8	0	20.81	20.96	21.01	22.5	2
3	16QAM	8	4	20.97	21.04	20.96		
3	16QAM	8	7	20.79	21.03	20.89		
3	16QAM	15	0	20.94	20.86	21.02		
3	64QAM	1	0	20.93	21.05	20.96	22.5	2
3	64QAM	1	8	21.05	20.94	20.88		
3	64QAM	1	14	21.14	21.01	20.99		
3	64QAM	8	0	19.86	19.97	19.84	21.5	3
3	64QAM	8	4	19.86	20.04	19.98		
3	64QAM	8	7	19.78	19.90	19.83		
3	64QAM	15	0	19.95	19.81	19.95		
3	256QAM	1	0	17.81	17.92	17.89	19.5	5
3	256QAM	1	8	17.98	18.01	17.98		
3	256QAM	1	14	17.80	17.73	17.89		
3	256QAM	8	0	17.96	18.10	18.12	19.5	5
3	256QAM	8	4	17.89	18.05	18.13		
3	256QAM	8	7	17.91	18.15	17.95		
3	256QAM	15	0	17.88	17.93	17.89		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.74	22.86	22.94	24.5	0
1.4	QPSK	1	3	22.81	22.93	22.92		
1.4	QPSK	1	5	22.67	22.65	22.87		
1.4	QPSK	3	0	22.65	22.87	22.92		
1.4	QPSK	3	1	22.82	22.91	22.90		
1.4	QPSK	3	3	22.82	22.91	22.99		
1.4	QPSK	6	0	21.79	21.87	21.81	23.5	1
1.4	16QAM	1	0	22.22	21.89	21.99	23.5	1
1.4	16QAM	1	3	22.06	22.20	22.27		
1.4	16QAM	1	5	22.16	22.09	22.12		
1.4	16QAM	3	0	21.82	21.90	22.01		
1.4	16QAM	3	1	21.92	22.00	21.94		
1.4	16QAM	3	3	21.74	22.00	21.91		
1.4	16QAM	6	0	20.87	20.79	21.01	22.5	2
1.4	64QAM	1	0	20.86	21.01	21.01	22.5	2
1.4	64QAM	1	3	21.05	20.93	20.88		
1.4	64QAM	1	5	21.21	20.93	21.03		
1.4	64QAM	3	0	20.80	20.88	20.83		
1.4	64QAM	3	1	20.87	21.03	20.92		
1.4	64QAM	3	3	20.76	20.85	20.97		
1.4	64QAM	6	0	19.90	19.92	19.99	21.5	3
1.4	256QAM	1	0	17.80	17.89	18.00	19.5	5
1.4	256QAM	1	3	17.91	18.10	18.03		
1.4	256QAM	1	5	17.87	17.78	17.96		
1.4	256QAM	3	0	17.84	17.90	18.07		
1.4	256QAM	3	1	17.93	17.97	18.11		
1.4	256QAM	3	3	18.00	17.91	18.08		
1.4	256QAM	6	0	17.86	17.89	17.90	19.5	5

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.88	22.94	22.70	24.5	0
20	QPSK	1	49	22.89	22.71	22.90		
20	QPSK	1	99	22.83	22.78	22.93		
20	QPSK	50	0	21.90	21.99	21.95	23.5	1
20	QPSK	50	24	21.95	21.86	21.93		
20	QPSK	50	50	21.96	21.90	21.97		
20	QPSK	100	0	22.00	22.01	21.95		
20	16QAM	1	0	21.95	21.99	21.91	23.5	1
20	16QAM	1	49	21.85	22.01	21.79		
20	16QAM	1	99	22.05	22.09	22.02		
20	16QAM	50	0	20.92	20.88	21.04	22.5	2
20	16QAM	50	24	21.04	20.89	20.96		
20	16QAM	50	50	21.05	20.87	20.93		
20	16QAM	100	0	21.07	20.90	20.95		
20	64QAM	1	0	21.02	20.84	20.69	22.5	2
20	64QAM	1	49	20.73	20.81	20.68		
20	64QAM	1	99	20.85	20.59	20.81		
20	64QAM	50	0	19.86	19.96	20.01	21.5	3
20	64QAM	50	24	20.14	19.99	19.88		
20	64QAM	50	50	20.08	19.89	20.00		
20	64QAM	100	0	19.95	19.97	19.91		
20	256QAM	1	0	17.94	18.08	17.80	19.5	5
20	256QAM	1	49	18.05	17.92	17.96		
20	256QAM	1	99	17.83	17.94	17.97		
20	256QAM	50	0	18.03	18.17	18.03	19.5	5
20	256QAM	50	24	18.12	17.92	18.02		
20	256QAM	50	50	18.02	17.97	18.06		
20	256QAM	100	0	18.15	18.17	17.93		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.72	22.89	22.62	24.5	0
15	QPSK	1	37	22.83	22.62	22.80		
15	QPSK	1	74	22.66	22.69	22.83		
15	QPSK	36	0	21.74	21.89	21.79	23.5	1
15	QPSK	36	20	21.97	21.89	21.75		
15	QPSK	36	39	21.92	21.84	21.83		
15	QPSK	75	0	21.96	21.95	21.82		
15	16QAM	1	0	21.79	21.98	21.81	23.5	1
15	16QAM	1	37	21.75	22.03	21.73		
15	16QAM	1	74	21.91	22.12	21.90		
15	16QAM	36	0	20.81	20.82	20.93	22.5	2
15	16QAM	36	20	20.96	20.90	20.90		
15	16QAM	36	39	20.97	20.82	20.81		
15	16QAM	75	0	21.02	20.88	20.81		
15	64QAM	1	0	20.97	20.81	20.51	22.5	2
15	64QAM	1	37	20.61	20.75	20.60		
15	64QAM	1	74	20.80	20.51	20.63		
15	64QAM	36	0	19.72	19.92	19.90	21.5	3
15	64QAM	36	20	20.01	19.94	19.77		
15	64QAM	36	39	19.98	19.82	19.88		
15	64QAM	75	0	19.78	19.91	19.74		
15	256QAM	1	0	17.85	17.91	17.65	19.5	5
15	256QAM	1	37	17.96	17.81	17.82		
15	256QAM	1	74	17.66	17.86	17.86		
15	256QAM	36	0	17.93	17.90	17.91	19.5	5
15	256QAM	36	20	18.10	18.08	17.95		
15	256QAM	36	39	18.10	17.85	18.02		
15	256QAM	75	0	18.00	17.98	18.00		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.82	22.82	22.56	24.5	0
10	QPSK	1	25	22.89	22.71	22.82		
10	QPSK	1	49	22.65	22.77	22.87		
10	QPSK	25	0	21.80	21.79	21.81	23.5	1
10	QPSK	25	12	21.95	21.88	21.79		
10	QPSK	25	25	21.93	21.89	21.89		
10	QPSK	50	0	21.98	21.96	21.80		
10	16QAM	1	0	21.85	21.92	21.76	23.5	1
10	16QAM	1	25	21.76	21.98	21.65		
10	16QAM	1	49	21.89	22.02	21.94		
10	16QAM	25	0	20.84	20.87	20.95	22.5	2
10	16QAM	25	12	20.93	20.80	20.84		
10	16QAM	25	25	20.92	20.84	20.86		
10	16QAM	50	0	21.01	20.86	20.88		
10	64QAM	1	0	20.85	20.83	20.52	22.5	2
10	64QAM	1	25	20.56	20.79	20.59		
10	64QAM	1	49	20.72	20.63	20.75		
10	64QAM	25	0	19.79	19.99	19.97	21.5	3
10	64QAM	25	12	20.07	19.93	19.83		
10	64QAM	25	25	19.99	19.82	19.94		
10	64QAM	50	0	19.83	19.98	19.81		
10	256QAM	1	0	18.00	18.03	17.64	19.5	5
10	256QAM	1	25	18.09	17.73	17.92		
10	256QAM	1	49	17.72	17.93	17.96		
10	256QAM	25	0	17.88	17.81	17.85	19.5	5
10	256QAM	25	12	18.03	17.90	17.97		
10	256QAM	25	25	17.98	17.94	17.97		
10	256QAM	50	0	18.20	17.99	17.83		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.77	22.87	22.53	24.5	0
5	QPSK	1	12	22.81	22.65	22.78		
5	QPSK	1	24	22.76	22.75	22.86		
5	QPSK	12	0	21.84	21.85	21.78	23.5	1
5	QPSK	12	7	21.90	21.87	21.80		
5	QPSK	12	13	21.90	21.87	21.88		
5	QPSK	25	0	21.85	21.95	21.87		
5	16QAM	1	0	21.84	21.97	21.75	23.5	1
5	16QAM	1	12	21.68	21.94	21.74		
5	16QAM	1	24	22.00	22.00	21.93		
5	16QAM	12	0	20.82	20.87	20.87	22.5	2
5	16QAM	12	7	20.86	20.89	20.88		
5	16QAM	12	13	20.87	20.81	20.75		
5	16QAM	25	0	21.02	20.88	20.78		
5	64QAM	1	0	20.91	20.84	20.57	22.5	2
5	64QAM	1	12	20.59	20.73	20.62		
5	64QAM	1	24	20.78	20.56	20.73		
5	64QAM	12	0	19.68	19.92	19.94	21.5	3
5	64QAM	12	7	20.04	20.01	19.73		
5	64QAM	12	13	20.02	19.81	19.87		
5	64QAM	25	0	19.83	19.93	19.74		
5	256QAM	1	0	17.85	18.02	17.74	19.5	5
5	256QAM	1	12	17.94	17.67	17.99		
5	256QAM	1	24	17.89	17.93	18.01		
5	256QAM	12	0	17.90	17.86	17.82	19.5	5
5	256QAM	12	7	17.93	17.87	17.88		
5	256QAM	12	13	18.05	17.94	18.08		
5	256QAM	25	0	17.98	18.16	17.90		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.91	22.78	22.95	22.60	22.60	24.5	0
20	QPSK	1	49	22.82	22.71	22.79	22.84	22.76		
20	QPSK	1	99	22.82	22.90	22.78	22.79	22.88		
20	QPSK	50	0	21.86	21.73	22.00	21.70	21.78	23.5	1
20	QPSK	50	24	21.83	21.85	21.83	21.68	21.63		
20	QPSK	50	50	21.96	21.87	21.95	21.65	21.91		
20	QPSK	100	0	21.84	21.86	22.02	21.72	21.73		
20	16QAM	1	0	21.86	21.73	21.83	21.84	21.88	23.5	1
20	16QAM	1	49	21.89	21.68	21.69	21.87	21.83		
20	16QAM	1	99	21.86	21.86	21.82	21.89	21.76		
20	16QAM	50	0	20.86	20.89	20.73	20.67	20.70	22.5	2
20	16QAM	50	24	20.93	20.83	20.90	20.66	20.72		
20	16QAM	50	50	20.89	20.85	20.86	20.76	20.65		
20	16QAM	100	0	21.02	20.92	20.87	20.94	20.70		
20	64QAM	1	0	20.76	21.00	20.82	20.71	20.89	22.5	2
20	64QAM	1	49	21.03	20.78	20.88	20.76	20.96		
20	64QAM	1	99	20.94	20.86	21.03	20.88	20.91		
20	64QAM	50	0	19.74	19.85	19.82	19.68	19.86	21.5	3
20	64QAM	50	24	19.91	19.86	19.88	19.72	19.75		
20	64QAM	50	50	19.91	19.85	19.92	19.79	19.61		
20	64QAM	100	0	19.95	19.76	19.88	19.66	19.75		
20	256QAM	1	0	18.04	17.87	18.10	17.72	17.75	19.5	5
20	256QAM	1	49	17.86	17.74	17.81	17.86	17.88		
20	256QAM	1	99	17.80	17.89	17.85	17.94	17.94		
20	256QAM	50	0	17.85	17.88	18.10	17.80	17.83	19.5	5
20	256QAM	50	24	18.00	17.99	17.93	17.83	17.71		
20	256QAM	50	50	18.00	17.90	17.94	17.76	17.98		
20	256QAM	100	0	17.90	18.01	18.01	17.89	17.76		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.80	22.68	22.76	22.53	22.88	24.50	0
15	QPSK	1	37	22.70	22.61	22.74	22.78	22.68		
15	QPSK	1	74	22.76	22.76	22.63	22.61	22.75		
15	QPSK	36	0	21.82	21.60	21.79	21.62	21.68	23.5	1
15	QPSK	36	20	21.73	21.80	21.67	21.55	21.50		
15	QPSK	36	39	21.84	21.73	21.77	21.52	21.80		
15	QPSK	75	0	21.78	21.81	21.75	21.68	21.57		
15	16QAM	1	0	21.79	21.57	21.71	21.79	21.76	23.5	1
15	16QAM	1	37	21.74	21.58	21.63	21.78	21.77		
15	16QAM	1	74	21.72	21.72	21.64	21.73	21.70		
15	16QAM	36	0	20.80	20.73	20.58	20.62	20.59	22.5	2
15	16QAM	36	20	20.89	20.75	20.83	20.53	20.64		
15	16QAM	36	39	20.81	20.71	20.69	20.65	20.58		
15	16QAM	75	0	20.88	20.83	20.73	20.88	20.63		
15	64QAM	1	0	20.62	20.87	20.72	20.62	20.77	22.5	2
15	64QAM	1	37	20.98	20.68	20.77	20.70	20.89		
15	64QAM	1	74	20.83	20.75	20.97	20.83	20.86		
15	64QAM	36	0	19.58	19.80	19.77	19.61	19.80	21.5	3
15	64QAM	36	20	19.73	19.72	19.82	19.58	19.68		
15	64QAM	36	39	19.76	19.70	19.86	19.66	19.56		
15	64QAM	75	0	19.78	19.70	19.73	19.54	19.57		
15	256QAM	1	0	17.84	17.83	17.83	17.67	17.88	19.5	5
15	256QAM	1	37	17.82	17.79	17.96	17.82	17.74		
15	256QAM	1	74	17.85	17.84	17.73	17.71	17.97		
15	256QAM	36	0	17.87	17.62	17.79	17.74	17.75	19.5	5
15	256QAM	36	20	17.81	17.85	17.83	17.76	17.69		
15	256QAM	36	39	17.88	17.90	17.84	17.72	18.01		
15	256QAM	75	0	18.00	17.87	18.11	17.88	17.95		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.85	22.62	22.75	22.88	22.50	24.50	0
10	QPSK	1	25	22.76	22.66	22.73	22.74	22.68		
10	QPSK	1	49	22.69	22.79	22.69	22.67	22.75		
10	QPSK	25	0	21.91	21.68	21.68	21.58	21.61	23.5	1
10	QPSK	25	12	21.69	21.72	21.79	21.55	21.58		
10	QPSK	25	25	21.90	21.78	21.88	21.53	21.74		
10	QPSK	50	0	21.79	21.79	21.74	21.66	21.64		
10	16QAM	1	0	21.80	21.66	21.74	21.68	21.82	23.5	1
10	16QAM	1	25	21.78	21.57	21.58	21.72	21.71		
10	16QAM	1	49	21.76	21.70	21.73	21.77	21.68		
10	16QAM	25	0	20.80	20.78	20.62	20.63	20.53	22.5	2
10	16QAM	25	12	20.76	20.67	20.75	20.56	20.63		
10	16QAM	25	25	20.77	20.70	20.72	20.66	20.54		
10	16QAM	50	0	20.89	20.80	20.78	20.86	20.57		
10	64QAM	1	0	20.58	20.94	20.73	20.61	20.75	22.5	2
10	64QAM	1	25	20.87	20.64	20.80	20.67	20.88		
10	64QAM	1	49	20.80	20.69	20.90	20.74	20.82		
10	64QAM	25	0	19.69	19.75	19.77	19.51	19.78	21.5	3
10	64QAM	25	12	19.78	19.78	19.79	19.55	19.57		
10	64QAM	25	25	19.77	19.70	19.78	19.65	19.55		
10	64QAM	50	0	19.87	19.70	19.71	19.56	19.68		
10	256QAM	1	0	17.84	17.65	17.95	17.73	17.69	19.5	5
10	256QAM	1	25	17.97	17.83	17.94	17.87	17.88		
10	256QAM	1	49	17.82	18.00	17.84	17.74	17.75		
10	256QAM	25	0	17.90	17.76	17.84	17.67	17.75	19.5	5
10	256QAM	25	12	17.81	17.85	17.93	17.62	17.68		
10	256QAM	25	25	17.98	17.90	18.00	17.73	17.82		
10	256QAM	50	0	17.86	17.97	17.79	17.81	17.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.83	22.73	22.83	22.53	22.54	24.50	0
5	QPSK	1	12	22.67	22.64	22.64	22.73	22.66		
5	QPSK	1	24	22.65	22.84	22.66	22.67	22.76		
5	QPSK	12	0	21.85	21.58	21.82	21.64	21.67	23.5	1
5	QPSK	12	7	21.76	21.78	21.67	21.51	21.55		
5	QPSK	12	13	21.79	21.72	21.89	21.54	21.87		
5	QPSK	25	0	21.75	21.74	21.81	21.64	21.60		
5	16QAM	1	0	21.78	21.55	21.73	21.71	21.72	23.5	1
5	16QAM	1	12	21.79	21.64	21.57	21.70	21.77		
5	16QAM	1	24	21.70	21.73	21.74	21.75	21.65		
5	16QAM	12	0	20.68	20.78	20.67	20.54	20.64	22.5	2
5	16QAM	12	7	20.84	20.68	20.84	20.56	20.55		
5	16QAM	12	13	20.80	20.70	20.74	20.58	20.51		
5	16QAM	25	0	20.96	20.80	20.74	20.88	20.63		
5	64QAM	1	0	20.59	20.94	20.77	20.58	20.78	22.5	2
5	64QAM	1	12	20.94	20.63	20.82	20.64	20.79		
5	64QAM	1	24	20.84	20.70	20.92	20.80	20.76		
5	64QAM	12	0	19.66	19.79	19.72	19.63	19.76	21.5	3
5	64QAM	12	7	19.86	19.70	19.73	19.59	19.63		
5	64QAM	12	13	19.78	19.70	19.86	19.61	19.52		
5	64QAM	25	0	19.84	19.61	19.72	19.58	19.62		
5	256QAM	1	0	17.89	17.74	18.05	17.74	17.69	19.5	5
5	256QAM	1	12	17.68	17.72	17.76	17.78	17.81		
5	256QAM	1	24	17.71	17.83	17.79	17.73	17.76		
5	256QAM	12	0	17.96	17.76	18.00	17.73	17.78	19.5	5
5	256QAM	12	7	17.86	17.77	17.88	17.64	17.69		
5	256QAM	12	13	17.94	17.84	18.02	17.67	17.92		
5	256QAM	25	0	17.83	17.73	17.91	17.82	17.79		

GSM850 Ant1_DSI5

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	30.87	30.51	30.77	31.00	21.87	21.51	21.77	22.00
GPRS 1 Tx slot	30.81	30.88	30.72	31.00	21.81	21.88	21.72	22.00
GPRS 2 Tx slots	27.02	26.94	27.21	28.00	21.02	20.94	21.21	22.00
GPRS 3 Tx slots	25.73	25.63	25.68	26.00	21.47	21.37	21.42	21.74
GPRS 4 Tx slots	24.31	24.47	24.42	25.00	21.31	21.47	21.42	22.00
EDGE 1 Tx slot	26.77	26.92	26.90	28.00	17.77	17.92	17.90	19.00
EDGE 2 Tx slots	23.84	23.70	23.67	25.00	17.84	17.70	17.67	19.00
EDGE 3 Tx slots	21.90	22.18	22.16	23.50	17.64	17.92	17.90	19.24
EDGE 4 Tx slots	20.38	20.68	20.72	22.00	17.38	17.68	17.72	19.00

WCDMA V Ant1_DSI5

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	21.41	21.43	21.39	22.00
3GPP Rel 99	RMC 12.2Kbps	21.49	21.50	21.44	22.00
3GPP Rel 6	HSDPA Subtest-1	20.38	20.56	20.42	21.00
3GPP Rel 6	HSDPA Subtest-2	20.43	20.44	20.36	21.00
3GPP Rel 6	HSDPA Subtest-3	19.94	20.01	19.99	20.50
3GPP Rel 6	HSDPA Subtest-4	19.80	20.05	19.94	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.28	20.49	20.41	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.37	20.37	20.29	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.83	20.13	19.99	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.77	19.97	19.88	20.50
3GPP Rel 6	HSUPA Subtest-1	20.32	20.58	20.49	22.00
3GPP Rel 6	HSUPA Subtest-2	18.39	18.52	18.60	20.00
3GPP Rel 6	HSUPA Subtest-3	19.23	19.48	19.48	21.00
3GPP Rel 6	HSUPA Subtest-4	18.26	18.55	18.38	20.00
3GPP Rel 6	HSUPA Subtest-5	20.42	20.48	20.56	22.00

Band 5 Ant1_DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	21.27	21.38	21.26	22.7	0
10	QPSK	1	25	21.26	21.24	21.21		
10	QPSK	1	49	21.21	21.19	21.17		
10	QPSK	25	0	21.29	21.33	21.24	22.7	0
10	QPSK	25	12	21.17	21.25	21.27		
10	QPSK	25	25	21.23	21.30	21.19		
10	QPSK	50	0	21.16	21.33	21.25		
10	16QAM	1	0	21.29	21.24	21.12	22.7	0
10	16QAM	1	25	21.30	21.23	21.27		
10	16QAM	1	49	21.33	21.19	21.18		
10	16QAM	25	0	21.33	21.28	21.26	22.7	0
10	16QAM	25	12	21.14	21.31	21.32		
10	16QAM	25	25	21.36	21.32	21.29		
10	16QAM	50	0	21.19	21.28	21.31		
10	64QAM	1	0	21.22	21.16	21.13	22.7	0
10	64QAM	1	25	21.27	21.22	21.37		
10	64QAM	1	49	21.37	21.28	21.30		
10	64QAM	25	0	21.01	20.99	20.94	22.7	0
10	64QAM	25	12	20.91	21.00	21.05		
10	64QAM	25	25	21.06	21.01	20.98		
10	64QAM	50	0	21.06	20.96	21.02		
10	256QAM	1	0	19.39	19.55	19.43	20.7	2
10	256QAM	1	25	19.50	19.36	19.34		
10	256QAM	1	49	19.34	19.50	19.32		
10	256QAM	25	0	19.47	19.45	19.37	20.7	2
10	256QAM	25	12	19.45	19.39	19.59		
10	256QAM	25	25	19.51	19.39	19.49		
10	256QAM	50	0	19.41	19.47	19.34		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	21.15	21.30	21.15	22.7	0
5	QPSK	1	12	21.23	21.03	21.13		
5	QPSK	1	24	21.22	20.98	21.00		
5	QPSK	12	0	21.24	21.21	21.18	22.7	0
5	QPSK	12	7	21.12	21.26	21.29		
5	QPSK	12	13	21.03	21.13	21.06		
5	QPSK	25	0	21.05	21.34	21.12		
5	16QAM	1	0	21.23	21.11	21.02	22.7	0
5	16QAM	1	12	21.18	21.13	21.23		
5	16QAM	1	24	21.23	21.05	21.08		
5	16QAM	12	0	21.34	21.24	21.21	22.7	0
5	16QAM	12	7	21.15	21.26	21.33		
5	16QAM	12	13	21.32	21.31	21.23		
5	16QAM	25	0	21.14	21.19	21.11		
5	64QAM	1	0	21.17	20.95	21.15	22.7	0
5	64QAM	1	12	21.17	21.16	21.33		
5	64QAM	1	24	21.17	21.20	21.09		
5	64QAM	12	0	20.91	20.99	20.83	22.7	0
5	64QAM	12	7	20.77	20.81	21.02		
5	64QAM	12	13	20.98	20.83	20.80		
5	64QAM	25	0	20.84	20.76	20.92		
5	256QAM	1	0	18.17	18.20	18.21	20.7	2
5	256QAM	1	12	18.22	18.12	18.01		
5	256QAM	1	24	17.94	18.31	17.99		
5	256QAM	12	0	18.25	18.15	18.07	20.7	2
5	256QAM	12	7	18.13	18.00	18.31		
5	256QAM	12	13	18.29	18.08	18.21		
5	256QAM	25	0	18.19	18.21	18.07		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	21.06	21.23	21.13	22.7	0
3	QPSK	1	8	21.12	21.11	20.98		
3	QPSK	1	14	21.15	20.97	21.01		
3	QPSK	8	0	21.09	21.06	21.18	22.7	0
3	QPSK	8	4	21.03	21.20	21.07		
3	QPSK	8	7	21.15	21.23	21.03		
3	QPSK	15	0	21.05	21.09	21.01		
3	16QAM	1	0	21.03	21.16	21.06	22.7	0
3	16QAM	1	8	21.15	21.06	21.18		
3	16QAM	1	14	21.14	20.98	21.04		
3	16QAM	8	0	21.06	21.18	21.01	22.7	0
3	16QAM	8	4	20.93	21.28	21.20		
3	16QAM	8	7	21.10	21.19	21.15		
3	16QAM	15	0	20.99	21.02	21.09		
3	64QAM	1	0	21.07	21.09	20.93	22.7	0
3	64QAM	1	8	21.19	21.11	21.19		
3	64QAM	1	14	21.19	21.18	21.14		
3	64QAM	8	0	20.89	20.82	20.85	22.7	0
3	64QAM	8	4	20.68	20.89	20.92		
3	64QAM	8	7	20.88	20.86	20.91		
3	64QAM	15	0	20.90	20.85	20.95		
3	256QAM	1	0	18.07	18.10	18.03	20.7	2
3	256QAM	1	8	18.22	17.89	18.02		
3	256QAM	1	14	18.09	18.15	17.90		
3	256QAM	8	0	18.07	18.00	17.92	20.7	2
3	256QAM	8	4	18.04	18.11	18.25		
3	256QAM	8	7	18.20	18.09	18.18		
3	256QAM	15	0	18.12	18.05	17.88		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	21.03	21.19	21.08	22.7	0
1.4	QPSK	1	3	21.07	20.97	21.00		
1.4	QPSK	1	5	20.98	20.89	21.07		
1.4	QPSK	3	0	21.15	21.13	21.06		
1.4	QPSK	3	1	21.01	21.09	21.07		
1.4	QPSK	3	3	20.92	21.16	20.95		
1.4	QPSK	6	0	21.05	21.17	21.02	22.7	0
1.4	16QAM	1	0	21.03	21.13	20.88	22.7	0
1.4	16QAM	1	3	21.07	20.97	20.99		
1.4	16QAM	1	5	21.03	20.98	21.02		
1.4	16QAM	3	0	21.21	21.01	20.98		
1.4	16QAM	3	1	21.00	21.21	21.05		
1.4	16QAM	3	3	21.20	21.12	21.20		
1.4	16QAM	6	0	21.08	21.02	21.19	22.7	0
1.4	64QAM	1	0	21.06	20.90	20.85	22.7	0
1.4	64QAM	1	3	21.16	21.14	21.15		
1.4	64QAM	1	5	21.17	21.15	21.16		
1.4	64QAM	3	0	21.21	21.01	20.98		
1.4	64QAM	3	1	20.92	21.16	20.95		
1.4	64QAM	3	3	21.21	21.01	20.98		
1.4	64QAM	6	0	20.88	20.86	20.85	22.7	0
1.4	256QAM	1	0	18.05	18.15	18.01	20.7	2
1.4	256QAM	1	3	18.05	17.97	17.98		
1.4	256QAM	1	5	17.86	18.21	17.98		
1.4	256QAM	3	0	18.12	18.04	18.04		
1.4	256QAM	3	1	18.01	17.90	18.15		
1.4	256QAM	3	3	18.21	17.92	18.20		
1.4	256QAM	6	0	18.11	18.04	18.02	20.7	2

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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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.34	24.46	24.29	25.7	0
10	QPSK	1	25	24.44	24.39	24.33		
10	QPSK	1	49	24.45	24.43	24.45		
10	QPSK	25	0	23.48	23.54	23.44	24.7	1
10	QPSK	25	12	23.53	23.53	23.46		
10	QPSK	25	25	23.49	23.52	23.47		
10	QPSK	50	0	23.48	23.53	23.45		
10	16QAM	1	0	23.59	23.49	23.55	24.7	1
10	16QAM	1	25	23.49	23.56	23.57		
10	16QAM	1	49	23.39	23.53	23.38		
10	16QAM	25	0	22.43	22.46	22.45	23.7	2
10	16QAM	25	12	22.57	22.53	22.48		
10	16QAM	25	25	22.52	22.56	22.54		
10	16QAM	50	0	22.52	22.49	22.46		
10	64QAM	1	0	22.54	22.46	22.51	23.7	2
10	64QAM	1	25	22.70	22.65	22.53		
10	64QAM	1	49	22.59	22.65	22.60		
10	64QAM	25	0	21.46	21.45	21.43	22.7	3
10	64QAM	25	12	21.55	21.54	21.46		
10	64QAM	25	25	21.53	21.51	21.52		
10	64QAM	50	0	21.50	21.50	21.45		
10	256QAM	1	0	19.36	19.51	19.39	20.7	5
10	256QAM	1	25	19.40	19.36	19.39		
10	256QAM	1	49	19.55	19.34	19.45		
10	256QAM	25	0	19.54	19.56	19.52	20.7	5
10	256QAM	25	12	19.57	19.56	19.56		
10	256QAM	25	25	19.53	19.59	19.43		
10	256QAM	50	0	19.42	19.64	19.42		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.36	24.43	24.37	25.7	0
5	QPSK	1	12	24.40	24.36	24.45		
5	QPSK	1	24	24.39	24.42	24.39		
5	QPSK	12	0	23.42	23.40	23.42	24.7	1
5	QPSK	12	7	23.50	23.50	23.50		
5	QPSK	12	13	23.45	23.44	23.46		
5	QPSK	25	0	23.48	23.45	23.48		
5	16QAM	1	0	23.30	23.35	23.39	24.7	1
5	16QAM	1	12	23.54	23.45	23.58		
5	16QAM	1	24	23.42	23.35	23.39		
5	16QAM	12	0	22.45	22.48	22.46	23.7	2
5	16QAM	12	7	22.58	22.52	22.55		
5	16QAM	12	13	22.52	22.50	22.55		
5	16QAM	25	0	22.52	22.49	22.49		
5	64QAM	1	0	22.62	22.66	22.54	23.7	2
5	64QAM	1	12	22.62	22.60	22.72		
5	64QAM	1	24	22.56	22.57	22.61		
5	64QAM	12	0	21.45	21.45	21.45	22.7	3
5	64QAM	12	7	21.54	21.53	21.52		
5	64QAM	12	13	21.51	21.50	21.50		
5	64QAM	25	0	21.52	21.48	21.49		
5	256QAM	1	0	19.42	19.47	19.39	20.7	5
5	256QAM	1	12	19.42	19.25	19.38		
5	256QAM	1	24	19.32	19.45	19.49		
5	256QAM	12	0	19.51	19.33	19.34	20.7	5
5	256QAM	12	7	19.52	19.54	19.38		
5	256QAM	12	13	19.52	19.33	19.43		
5	256QAM	25	0	19.51	19.42	19.47		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.34	24.32	24.35	25.7	0
3	QPSK	1	8	24.45	24.42	24.42		
3	QPSK	1	14	24.35	24.33	24.34		
3	QPSK	8	0	23.51	23.43	23.43	24.7	1
3	QPSK	8	4	23.53	23.50	23.50		
3	QPSK	8	7	23.47	23.45	23.46		
3	QPSK	15	0	23.49	23.46	23.39		
3	16QAM	1	0	23.41	23.42	23.42	24.7	1
3	16QAM	1	8	23.58	23.53	23.60		
3	16QAM	1	14	23.41	23.43	23.38		
3	16QAM	8	0	22.61	22.53	22.51	23.7	2
3	16QAM	8	4	22.62	22.61	22.59		
3	16QAM	8	7	22.58	22.56	22.53		
3	16QAM	15	0	22.52	22.50	22.43		
3	64QAM	1	0	22.59	22.63	22.51	23.7	2
3	64QAM	1	8	22.66	22.61	22.56		
3	64QAM	1	14	22.51	22.46	22.53		
3	64QAM	8	0	21.60	21.44	21.46	22.7	3
3	64QAM	8	4	21.57	21.55	21.55		
3	64QAM	8	7	21.52	21.48	21.50		
3	64QAM	15	0	21.52	21.50	21.45		
3	256QAM	1	0	19.45	19.21	19.37	20.7	5
3	256QAM	1	8	19.53	19.54	19.49		
3	256QAM	1	14	19.27	19.31	19.38		
3	256QAM	8	0	19.52	19.36	19.53	20.7	5
3	256QAM	8	4	19.53	19.51	19.43		
3	256QAM	8	7	19.51	19.34	19.53		
3	256QAM	15	0	19.46	19.39	19.31		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.21	24.32	24.23	25.7	0
1.4	QPSK	1	3	24.26	24.36	24.38		
1.4	QPSK	1	5	24.38	24.37	24.32		
1.4	QPSK	3	0	24.29	24.19	24.32		
1.4	QPSK	3	1	24.40	24.42	24.41		
1.4	QPSK	3	3	24.30	24.22	24.23		
1.4	QPSK	6	0	23.26	23.28	23.42	24.7	1
1.4	16QAM	1	0	23.29	23.40	23.42	24.7	1
1.4	16QAM	1	3	23.37	23.32	23.47		
1.4	16QAM	1	5	23.29	23.32	23.40		
1.4	16QAM	3	0	23.12	23.13	23.39		
1.4	16QAM	3	1	23.44	23.37	23.59		
1.4	16QAM	3	3	23.41	23.30	23.27		
1.4	16QAM	6	0	22.29	22.50	22.24	23.7	2
1.4	64QAM	1	0	22.49	22.31	22.50	23.7	2
1.4	64QAM	1	3	22.45	22.49	22.46		
1.4	64QAM	1	5	22.37	22.40	22.29		
1.4	64QAM	3	0	22.46	22.52	22.39		
1.4	64QAM	3	1	22.59	22.47	22.68		
1.4	64QAM	3	3	22.51	22.36	22.43		
1.4	64QAM	6	0	21.47	21.41	21.41	22.7	3
1.4	256QAM	1	0	19.24	19.29	19.16	20.7	5
1.4	256QAM	1	3	19.17	19.35	19.45		
1.4	256QAM	1	5	19.38	19.33	19.30		
1.4	256QAM	3	0	19.23	19.31	19.40		
1.4	256QAM	3	1	19.36	19.44	19.52		
1.4	256QAM	3	3	19.34	19.15	19.34		
1.4	256QAM	6	0	19.15	19.37	19.54	20.7	5

Band 13 Ant1 DSI5

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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		22.62		23.7	0
10	QPSK	1	25		22.52			
10	QPSK	1	49		22.59			
10	QPSK	25	0		22.48		23.7	0
10	QPSK	25	12		22.35			
10	QPSK	25	25		22.46			
10	QPSK	50	0		22.42			
10	16QAM	1	0		22.35		23.7	0
10	16QAM	1	25		22.38			
10	16QAM	1	49		22.41			
10	16QAM	25	0		22.03		23.7	0
10	16QAM	25	12		22.05			
10	16QAM	25	25		22.12			
10	16QAM	50	0		22.04			
10	64QAM	1	0		22.04		23.7	0
10	64QAM	1	25		22.23			
10	64QAM	1	49		22.17			
10	64QAM	25	0		21.04		22.7	1
10	64QAM	25	12		21.04			
10	64QAM	25	25		21.09			
10	64QAM	50	0		21.00			
10	256QAM	1	0		19.28		20.7	3
10	256QAM	1	25		19.31			
10	256QAM	1	49		19.11			
10	256QAM	25	0		19.32		20.7	3
10	256QAM	25	12		19.36			
10	256QAM	25	25		19.32			
10	256QAM	50	0		19.21			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.53	22.57	22.53	23.7	0
5	QPSK	1	12	22.61	22.58	22.50		
5	QPSK	1	24	22.54	22.57	22.54		
5	QPSK	12	0	22.32	22.35	22.35	23.7	0
5	QPSK	12	7	22.42	22.40	22.47		
5	QPSK	12	13	22.41	22.45	22.42		
5	QPSK	25	0	22.39	22.35	22.41		
5	16QAM	1	0	22.48	22.56	22.49	23.7	0
5	16QAM	1	12	22.60	22.59	22.60		
5	16QAM	1	24	22.48	22.55	22.57		
5	16QAM	12	0	22.35	22.42	22.45	23.7	0
5	16QAM	12	7	22.52	22.47	22.53		
5	16QAM	12	13	22.44	22.51	22.49		
5	16QAM	25	0	22.44	22.41	22.45		
5	64QAM	1	0	22.49	22.56	22.56	23.7	0
5	64QAM	1	12	22.42	22.36	22.52		
5	64QAM	1	24	22.53	22.57	22.52		
5	64QAM	12	0	21.35	21.40	21.40	22.7	1
5	64QAM	12	7	21.48	21.43	21.53		
5	64QAM	12	13	21.47	21.46	21.45		
5	64QAM	25	0	21.00	21.11	21.13		
5	256QAM	1	0	19.10	19.30	18.99	20.7	3
5	256QAM	1	12	18.99	19.25	19.11		
5	256QAM	1	24	19.21	19.05	19.07		
5	256QAM	12	0	19.17	19.28	19.03	20.7	3
5	256QAM	12	7	19.26	19.28	19.26		
5	256QAM	12	13	19.28	19.37	19.06		
5	256QAM	25	0	19.27	19.22	19.05		

Band 17 Ant1 DSI5

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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	24.26	24.36	24.27	25.7	0
10	QPSK	1	25	24.35	24.31	24.35		
10	QPSK	1	49	24.28	24.30	24.26		
10	QPSK	25	0	23.37	23.45	23.36	24.7	1
10	QPSK	25	12	23.34	23.37	23.41		
10	QPSK	25	25	23.39	23.39	23.37		
10	QPSK	50	0	23.41	23.42	23.32		
10	16QAM	1	0	23.63	23.70	23.64	24.7	1
10	16QAM	1	25	23.56	23.74	23.63		
10	16QAM	1	49	23.71	23.69	23.70		
10	16QAM	25	0	22.39	22.38	22.38	23.7	2
10	16QAM	25	12	22.47	22.40	22.49		
10	16QAM	25	25	22.42	22.43	22.43		
10	16QAM	50	0	22.41	22.33	22.44		
10	64QAM	1	0	22.42	22.40	22.49	23.7	2
10	64QAM	1	25	22.50	22.45	22.59		
10	64QAM	1	49	22.53	22.51	22.51		
10	64QAM	25	0	21.37	21.37	21.38	22.7	3
10	64QAM	25	12	21.46	21.41	21.47		
10	64QAM	25	25	21.39	21.40	21.43		
10	64QAM	50	0	21.40	21.34	21.42		
10	256QAM	1	0	19.09	19.29	19.07	20.7	5
10	256QAM	1	25	18.97	19.31	19.16		
10	256QAM	1	49	19.28	19.09	19.14		
10	256QAM	25	0	19.18	19.25	19.03	20.7	5
10	256QAM	25	12	19.29	19.29	19.27		
10	256QAM	25	25	19.40	19.37	19.01		
10	256QAM	50	0	19.28	19.15	19.11		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	24.32	24.33	24.31	25.7	0
5	QPSK	1	12	24.31	24.31	24.34		
5	QPSK	1	24	24.23	24.22	24.24		
5	QPSK	12	0	23.33	23.34	23.33	24.7	1
5	QPSK	12	7	23.38	23.37	23.36		
5	QPSK	12	13	23.31	23.32	23.30		
5	QPSK	25	0	23.36	23.27	23.28		
5	16QAM	1	0	23.66	23.71	23.72	24.7	1
5	16QAM	1	12	23.69	23.75	23.75		
5	16QAM	1	24	23.57	23.54	23.66		
5	16QAM	12	0	22.38	22.39	22.39	23.7	2
5	16QAM	12	7	22.43	22.45	22.43		
5	16QAM	12	13	22.37	22.31	22.33		
5	16QAM	25	0	22.37	22.30	22.30		
5	64QAM	1	0	22.49	22.42	22.42	23.7	2
5	64QAM	1	12	22.50	22.45	22.56		
5	64QAM	1	24	22.43	22.43	22.42		
5	64QAM	12	0	21.35	21.34	21.40	22.7	3
5	64QAM	12	7	21.42	21.41	21.42		
5	64QAM	12	13	21.33	21.31	21.31		
5	64QAM	25	0	21.35	21.30	21.29		
5	256QAM	1	0	19.08	19.32	19.04	20.7	5
5	256QAM	1	12	18.96	19.26	19.15		
5	256QAM	1	24	19.22	19.04	19.16		
5	256QAM	12	0	19.18	19.23	19.09	20.7	5
5	256QAM	12	7	19.26	19.32	19.35		
5	256QAM	12	13	19.38	19.40	19.13		
5	256QAM	25	0	19.28	19.17	19.07		

Band 26 Ant1 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.41	21.46	21.34	22.7	0
15	QPSK	1	37	21.31	21.35	21.37		
15	QPSK	1	74	21.21	21.20	21.20		
15	QPSK	36	0	21.32	21.42	21.38	22.7	0
15	QPSK	36	20	21.39	21.28	21.32		
15	QPSK	36	39	21.38	21.37	21.40		
15	QPSK	75	0	21.40	21.43	21.39		
15	16QAM	1	0	21.24	21.34	21.39	22.7	0
15	16QAM	1	37	21.36	21.26	21.40		
15	16QAM	1	74	21.33	21.45	21.39		
15	16QAM	36	0	21.35	21.34	21.37	22.7	0
15	16QAM	36	20	21.41	21.32	21.44		
15	16QAM	36	39	21.39	21.38	21.41		
15	16QAM	75	0	21.40	21.41	21.44		
15	64QAM	1	0	21.45	21.25	21.33	22.7	0
15	64QAM	1	37	21.27	21.32	21.31		
15	64QAM	1	74	21.41	21.28	21.32		
15	64QAM	36	0	21.32	21.43	21.38	22.7	0
15	64QAM	36	20	21.37	21.43	21.43		
15	64QAM	36	39	21.37	21.29	21.39		
15	64QAM	75	0	21.37	21.45	21.44		
15	256QAM	1	0	18.99	19.18	18.88	20.7	2
15	256QAM	1	37	18.89	19.11	18.95		
15	256QAM	1	74	19.22	18.98	18.98		
15	256QAM	36	0	19.17	19.15	18.95	20.7	2
15	256QAM	36	20	19.18	19.31	19.23		
15	256QAM	36	39	19.23	19.19	19.08		
15	256QAM	75	0	19.26	19.07	18.93		
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	21.21	21.31	21.20	22.7	0
10	QPSK	1	25	21.28	21.30	21.20		
10	QPSK	1	49	21.07	21.17	21.21		
10	QPSK	25	0	21.25	21.20	21.17	22.7	0
10	QPSK	25	12	21.38	21.13	21.24		
10	QPSK	25	25	21.32	21.37	21.31		
10	QPSK	50	0	21.27	21.36	21.32		
10	16QAM	1	0	21.18	21.19	21.31	22.7	0
10	16QAM	1	25	21.37	21.13	21.22		
10	16QAM	1	49	21.20	21.45	21.32		
10	16QAM	25	0	21.14	21.20	21.38	22.7	0
10	16QAM	25	12	21.40	21.33	21.24		
10	16QAM	25	25	21.18	21.31	21.29		
10	16QAM	50	0	21.30	21.43	21.40		
10	64QAM	1	0	21.25	21.15	21.13	22.7	0
10	64QAM	1	25	21.08	21.33	21.12		
10	64QAM	1	49	21.38	21.20	21.12		
10	64QAM	25	0	21.23	21.41	21.20	22.7	0
10	64QAM	25	12	21.26	21.28	21.27		
10	64QAM	25	25	21.17	21.17	21.25		
10	64QAM	50	0	21.22	21.26	21.44		
10	256QAM	1	0	19.01	19.17	18.87	20.7	2
10	256QAM	1	25	18.91	19.19	19.06		
10	256QAM	1	49	19.18	18.93	19.04		
10	256QAM	25	0	19.08	19.22	18.94	20.7	2
10	256QAM	25	12	19.31	19.32	19.16		
10	256QAM	25	25	19.35	19.19	18.97		
10	256QAM	50	0	19.20	19.12	18.95		
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.29	21.27	21.11	22.7	0
5	QPSK	1	12	21.16	21.31	21.30		
5	QPSK	1	24	20.99	20.98	20.94		
5	QPSK	12	0	21.10	21.25	21.31	22.7	0
5	QPSK	12	7	21.34	21.18	21.18		
5	QPSK	12	13	21.20	21.22	21.14		
5	QPSK	25	0	21.31	21.20	21.17		
5	16QAM	1	0	21.19	21.19	21.16	22.7	0
5	16QAM	1	12	21.23	21.22	21.22		
5	16QAM	1	24	21.08	21.41	21.25		
5	16QAM	12	0	21.28	21.17	21.12	22.7	0
5	16QAM	12	7	21.23	21.14	21.33		
5	16QAM	12	13	21.33	21.17	21.34		
5	16QAM	25	0	21.30	21.22	21.37		
5	64QAM	1	0	21.38	21.04	21.16	22.7	0
5	64QAM	1	12	21.21	21.10	21.25		
5	64QAM	1	24	21.32	21.24	21.14		
5	64QAM	12	0	21.15	21.16	21.28	22.7	0
5	64QAM	12	7	21.12	21.22	21.29		
5	64QAM	12	13	21.26	21.19	21.34		
5	64QAM	25	0	21.30	21.34	21.17		
5	256QAM	1	0	19.10	19.19	18.91	20.7	2
5	256QAM	1	12	18.90	19.20	19.00		
5	256QAM	1	24	19.27	18.85	19.01		
5	256QAM	12	0	19.15	19.17	18.99	20.7	2
5	256QAM	12	7	19.22	19.27	19.22		
5	256QAM	12	13	19.34	19.25	18.94		
5	256QAM	25	0	19.19	19.13	19.02		
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.16	21.32	21.08	22.7	0
3	QPSK	1	8	21.22	21.26	21.18		
3	QPSK	1	14	21.08	21.15	21.06		
3	QPSK	8	0	21.27	21.17	21.25	22.7	0
3	QPSK	8	4	21.27	21.06	21.19		
3	QPSK	8	7	21.23	21.34	21.36		
3	QPSK	15	0	21.20	21.36	21.19		
3	16QAM	1	0	20.97	21.09	21.18	22.7	0
3	16QAM	1	8	21.15	21.22	21.36		
3	16QAM	1	14	21.28	21.20	21.35		
3	16QAM	8	0	21.26	21.15	21.22	22.7	0
3	16QAM	8	4	21.31	21.23	21.20		
3	16QAM	8	7	21.23	21.23	21.32		
3	16QAM	15	0	21.25	21.28	21.20		
3	64QAM	1	0	21.33	21.14	21.20	22.7	0
3	64QAM	1	8	21.10	21.05	21.17		
3	64QAM	1	14	21.34	21.14	21.14		
3	64QAM	8	0	21.10	21.39	21.18	22.7	0
3	64QAM	8	4	21.31	21.36	21.27		
3	64QAM	8	7	21.27	21.09	21.20		
3	64QAM	15	0	21.11	21.36	21.29		
3	256QAM	1	0	19.06	19.15	18.96	20.7	2
3	256QAM	1	8	18.85	19.17	18.98		
3	256QAM	1	14	19.14	18.88	19.03		
3	256QAM	8	0	19.09	19.18	18.88	20.7	2
3	256QAM	8	4	19.24	19.34	19.19		
3	256QAM	8	7	19.31	19.17	18.99		
3	256QAM	15	0	19.13	19.05	19.03		
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.20	21.25	21.21	22.7	0
1.4	QPSK	1	3	21.10	21.18	21.20		
1.4	QPSK	1	5	20.97	21.09	21.01		
1.4	QPSK	3	0	21.21	21.27	21.17		
1.4	QPSK	3	1	21.09	21.12	21.24		
1.4	QPSK	3	3	21.17	21.17	21.23		
1.4	QPSK	6	0	21.24	21.24	21.09	22.7	0
1.4	16QAM	1	0	21.15	21.24	21.07	22.7	0
1.4	16QAM	1	3	21.07	21.13	21.31		
1.4	16QAM	1	5	21.21	21.14	21.15		
1.4	16QAM	3	0	21.03	21.17	21.12		
1.4	16QAM	3	1	21.29	21.17	21.29		
1.4	16QAM	3	3	21.12	21.29	21.27		
1.4	16QAM	6	0	21.15	21.21	21.13	22.7	0
1.4	64QAM	1	0	21.28	21.07	21.16	22.7	0
1.4	64QAM	1	3	21.04	21.20	21.16		
1.4	64QAM	1	5	21.20	20.99	21.03		
1.4	64QAM	3	0	21.13	21.17	21.12		
1.4	64QAM	3	1	21.12	21.32	21.21		
1.4	64QAM	3	3	21.12	21.05	21.27		
1.4	64QAM	6	0	21.19	21.14	21.22	22.7	0
1.4	256QAM	1	0	19.01	19.27	18.87	20.7	2
1.4	256QAM	1	3	18.93	19.21	19.06		
1.4	256QAM	1	5	19.25	18.93	18.98		
1.4	256QAM	3	0	19.13	19.17	18.92		
1.4	256QAM	3	1	19.22	19.24	19.15		
1.4	256QAM	3	3	19.32	19.22	19.02		
1.4	256QAM	6	0	19.24	19.13	18.94	20.7	2

GSM1900 Ant3 DSI5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.02	29.88	30.01	30.50	21.02	20.88	21.01	21.50
GPRS 1 Tx slot	29.93	29.75	29.74	30.50	20.93	20.75	20.74	21.50
GPRS 2 Tx slots	26.76	26.57	26.43	27.50	20.76	20.57	20.43	21.50
GPRS 3 Tx slots	24.57	24.68	24.83	25.50	20.31	20.42	20.57	21.24
GPRS 4 Tx slots	23.31	23.32	23.19	24.50	20.31	20.32	20.19	21.50
EDGE 1 Tx slot	25.73	25.78	25.98	26.50	16.73	16.78	16.98	17.50
EDGE 2 Tx slots	22.45	22.38	22.33	24.00	16.45	16.38	16.33	18.00
EDGE 3 Tx slots	20.60	20.66	20.82	21.50	16.34	16.40	16.56	17.24
EDGE 4 Tx slots	18.92	19.04	19.27	20.50	15.92	16.04	16.27	17.50

WCDMA Ⅱ Ant3 DSI5 | WCDMA Ⅳ Ant3 DSI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	20.98	21.07	20.92	22.00	20.85	20.97	20.86	22.00
3GPP Rel 99	RMC 12.2Kbps	21.05	21.12	20.95	22.00	20.93	21.04	20.89	22.00
3GPP Rel 6	HSDPA Subtest-1	19.97	19.96	19.74	21.00	19.90	19.99	19.80	21.00
3GPP Rel 6	HSDPA Subtest-2	19.93	19.94	19.56	21.00	19.87	19.97	19.84	21.00
3GPP Rel 6	HSDPA Subtest-3	19.45	19.43	19.24	20.50	19.39	19.55	19.34	20.50
3GPP Rel 6	HSDPA Subtest-4	19.46	19.39	19.29	20.50	19.41	19.49	19.30	20.50
3GPP Rel 8	DC-HSDPA Subtest-1	19.92	19.86	19.80	21.00	19.97	19.88	19.70	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.86	19.83	19.63	21.00	19.75	19.99	19.95	21.00
3GPP Rel 8	DC-HSDPA Subtest-3	19.36	19.47	19.17	20.50	19.27	19.62	19.27	20.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.55	19.45	19.33	20.50	19.40	19.52	19.30	20.50
3GPP Rel 6	HSUPA Subtest-1	19.97	19.94	19.72	21.00	19.83	20.00	19.79	21.00
3GPP Rel 6	HSUPA Subtest-2	17.94	17.92	17.72	19.00	17.87	18.00	17.75	19.00
3GPP Rel 6	HSUPA Subtest-3	18.96	18.89	18.75	20.00	18.83	18.93	18.69	20.00
3GPP Rel 6	HSUPA Subtest-4	17.94	17.94	17.75	19.00	17.84	17.98	17.81	19.00
3GPP Rel 6	HSUPA Subtest-5	20.00	19.90	19.80	21.00	19.80	20.00	19.80	21.00

Band 2 Ant3 DSI5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.35	21.44	21.32	22.5	0
20	QPSK	1	49	21.35	21.32	21.26		
20	QPSK	1	99	21.22	21.16	21.19		
20	QPSK	50	0	21.37	21.43	21.31	22.5	0
20	QPSK	50	24	21.36	21.31	21.28		
20	QPSK	50	50	21.34	21.24	21.21		
20	QPSK	100	0	21.30	21.39	21.27		
20	16QAM	1	0	21.32	21.26	21.35	22.5	0
20	16QAM	1	49	21.38	21.31	21.25		
20	16QAM	1	99	21.32	21.23	21.42		
20	16QAM	50	0	21.39	21.38	21.32	22.5	0
20	16QAM	50	24	21.30	21.36	21.33		
20	16QAM	50	50	21.41	21.28	21.25		
20	16QAM	100	0	21.42	21.34	21.30		
20	64QAM	1	0	21.39	21.35	21.33	22.5	0
20	64QAM	1	49	21.32	21.32	21.36		
20	64QAM	1	99	21.43	21.21	21.25		
20	64QAM	50	0	21.39	21.38	21.33	22.5	0
20	64QAM	50	24	21.43	21.33	21.30		
20	64QAM	50	50	21.38	21.26	21.25		
20	64QAM	100	0	21.43	21.32	21.30		
20	256QAM	1	0	19.25	19.36	19.32	20.5	2
20	256QAM	1	49	19.33	19.38	19.20		
20	256QAM	1	99	19.16	19.13	19.13		
20	256QAM	50	0	19.42	19.49	19.41	20.5	2
20	256QAM	50	24	19.38	19.39	19.37		
20	256QAM	50	50	19.32	19.19	19.17		
20	256QAM	100	0	19.35	19.47	19.38		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.29	21.35	21.23	22.5	0
15	QPSK	1	37	21.22	21.13	21.23		
15	QPSK	1	74	21.15	21.15	21.07		
15	QPSK	36	0	21.16	21.39	21.28	22.5	0
15	QPSK	36	20	21.37	21.16	21.20		
15	QPSK	36	39	21.18	21.21	21.01		
15	QPSK	75	0	21.24	21.19	21.25		
15	16QAM	1	0	21.16	21.18	21.14	22.5	0
15	16QAM	1	37	21.38	21.20	21.04		
15	16QAM	1	74	21.34	21.10	21.22		
15	16QAM	36	0	21.32	21.29	21.33	22.5	0
15	16QAM	36	20	21.21	21.15	21.35		
15	16QAM	36	39	21.20	21.14	21.26		
15	16QAM	75	0	21.25	21.33	21.12		
15	64QAM	1	0	21.27	21.27	21.14	22.5	0
15	64QAM	1	37	21.11	21.26	21.34		
15	64QAM	1	74	21.39	21.19	21.08		
15	64QAM	36	0	21.40	21.33	21.27	22.5	0
15	64QAM	36	20	21.42	21.20	21.08		
15	64QAM	36	39	21.39	21.23	21.20		
15	64QAM	75	0	21.43	21.31	21.20		
15	256QAM	1	0	19.21	19.29	19.16	20.5	2
15	256QAM	1	37	19.29	19.24	18.99		
15	256QAM	1	74	19.10	19.03	18.92		
15	256QAM	36	0	19.22	19.43	19.34	20.5	2
15	256QAM	36	20	19.27	19.38	19.35		
15	256QAM	36	39	19.23	19.12	19.09		
15	256QAM	75	0	19.36	19.26	19.31		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.17	21.34	21.31	22.5	0
10	QPSK	1	25	21.30	21.10	21.16		
10	QPSK	1	49	21.13	21.04	21.15		
10	QPSK	25	0	21.25	21.32	21.18	22.5	0
10	QPSK	25	12	21.20	21.24	21.13		
10	QPSK	25	25	21.17	21.14	21.18		
10	QPSK	50	0	21.12	21.34	21.22		
10	16QAM	1	0	21.32	21.28	21.29	22.5	0
10	16QAM	1	25	21.38	21.16	21.25		
10	16QAM	1	49	21.26	21.19	21.36		
10	16QAM	25	0	21.27	21.23	21.10	22.5	0
10	16QAM	25	12	21.13	21.23	21.21		
10	16QAM	25	25	21.21	21.18	21.22		
10	16QAM	50	0	21.42	21.14	21.14		
10	64QAM	1	0	21.17	21.20	21.23	22.5	0
10	64QAM	1	25	21.20	21.31	21.21		
10	64QAM	1	49	21.32	21.00	21.16		
10	64QAM	25	0	21.37	21.32	21.13	22.5	0
10	64QAM	25	12	21.26	21.25	21.19		
10	64QAM	25	25	21.25	21.07	21.17		
10	64QAM	50	0	21.32	21.25	21.16		
10	256QAM	1	0	19.22	19.29	19.24	20.5	2
10	256QAM	1	25	19.14	19.32	19.05		
10	256QAM	1	49	18.96	19.02	19.00		
10	256QAM	25	0	19.39	19.36	19.42	20.5	2
10	256QAM	25	12	19.17	19.33	19.36		
10	256QAM	25	25	19.28	19.06	19.05		
10	256QAM	50	0	19.16	19.27	19.33		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.25	21.35	21.24	22.5	0
5	QPSK	1	12	21.28	21.28	21.21		
5	QPSK	1	24	21.03	21.01	21.11		
5	QPSK	12	0	21.18	21.25	21.09	22.5	0
5	QPSK	12	7	21.28	21.06	21.06		
5	QPSK	12	13	21.10	21.11	20.97		
5	QPSK	25	0	21.13	21.27	21.21		
5	16QAM	1	0	21.06	21.18	21.22	22.5	0
5	16QAM	1	12	21.31	21.24	21.06		
5	16QAM	1	24	21.16	21.13	21.36		
5	16QAM	12	0	21.27	21.14	21.23	22.5	0
5	16QAM	12	7	21.18	21.23	21.25		
5	16QAM	12	13	21.32	21.02	21.07		
5	16QAM	25	0	21.31	21.29	21.03		
5	64QAM	1	0	21.23	21.19	21.19	22.5	0
5	64QAM	1	12	21.20	21.07	21.14		
5	64QAM	1	24	21.29	21.09	21.18		
5	64QAM	12	0	21.30	21.25	21.27	22.5	0
5	64QAM	12	7	21.34	21.18	21.08		
5	64QAM	12	13	21.18	21.23	21.10		
5	64QAM	25	0	21.18	21.10	21.23		
5	256QAM	1	0	19.14	19.21	19.14	20.5	2
5	256QAM	1	12	19.23	19.15	18.95		
5	256QAM	1	24	19.03	18.87	19.08		
5	256QAM	12	0	19.17	19.32	19.17	20.5	2
5	256QAM	12	7	19.25	19.33	19.11		
5	256QAM	12	13	19.26	19.16	18.98		
5	256QAM	25	0	19.30	19.42	19.22		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.30	21.30	21.20	22.5	0
3	QPSK	1	8	21.08	21.27	21.11		
3	QPSK	1	14	21.02	20.93	21.13		
3	QPSK	8	0	21.18	21.28	21.28	22.5	0
3	QPSK	8	4	21.20	21.20	21.06		
3	QPSK	8	7	21.15	20.97	21.14		
3	QPSK	15	0	21.05	21.19	21.09		
3	16QAM	1	0	21.11	21.15	21.22	22.5	0
3	16QAM	1	8	21.23	21.07	21.11		
3	16QAM	1	14	21.06	21.12	21.37		
3	16QAM	8	0	21.34	21.20	21.27	22.5	0
3	16QAM	8	4	21.26	21.11	21.08		
3	16QAM	8	7	21.38	21.15	21.19		
3	16QAM	15	0	21.36	21.22	21.16		
3	64QAM	1	0	21.20	21.13	21.17	22.5	0
3	64QAM	1	8	21.16	21.25	21.31		
3	64QAM	1	14	21.17	21.08	21.16		
3	64QAM	8	0	21.35	21.18	21.09	22.5	0
3	64QAM	8	4	21.39	21.17	21.17		
3	64QAM	8	7	21.21	21.12	21.17		
3	64QAM	15	0	21.34	21.06	21.08		
3	256QAM	1	0	19.04	19.24	19.24	20.5	2
3	256QAM	1	8	19.21	19.14	19.00		
3	256QAM	1	14	19.04	18.91	18.99		
3	256QAM	8	0	19.21	19.23	19.34	20.5	2
3	256QAM	8	4	19.31	19.32	19.17		
3	256QAM	8	7	19.27	19.00	19.14		
3	256QAM	15	0	19.18	19.35	19.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.17	21.26	21.21	22.5	0
1.4	QPSK	1	3	21.25	21.18	20.96		
1.4	QPSK	1	5	20.97	20.95	20.95		
1.4	QPSK	3	0	21.07	21.15	21.13		
1.4	QPSK	3	1	21.09	21.08	21.18		
1.4	QPSK	3	3	21.17	20.99	20.94		
1.4	QPSK	6	0	21.10	21.08	20.96	22.5	0
1.4	16QAM	1	0	21.14	21.17	21.20	22.5	0
1.4	16QAM	1	3	21.13	21.16	21.16		
1.4	16QAM	1	5	21.09	21.01	21.22		
1.4	16QAM	3	0	21.21	21.25	21.10		
1.4	16QAM	3	1	21.04	21.16	21.01		
1.4	16QAM	3	3	21.10	21.11	21.02		
1.4	16QAM	6	0	21.18	21.11	21.04	22.5	0
1.4	64QAM	1	0	21.20	21.14	21.16	22.5	0
1.4	64QAM	1	3	21.14	21.07	21.26		
1.4	64QAM	1	5	21.19	20.96	20.96		
1.4	64QAM	3	0	21.29	21.29	21.24		
1.4	64QAM	3	1	21.29	21.11	21.17		
1.4	64QAM	3	3	21.07	21.17	21.07		
1.4	64QAM	6	0	21.21	21.01	21.17	22.5	0
1.4	256QAM	1	0	19.07	19.12	19.02	20.5	2
1.4	256QAM	1	3	19.09	19.16	18.88		
1.4	256QAM	1	5	18.86	18.86	18.92		
1.4	256QAM	3	0	19.13	19.25	19.32		
1.4	256QAM	3	1	19.12	19.07	19.18		
1.4	256QAM	3	3	19.22	18.94	18.96		
1.4	256QAM	6	0	19.22	19.15	19.07	20.5	2

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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	21.28	21.45	21.41	22.5	0
20	QPSK	1	49	21.34	21.38	21.32		
20	QPSK	1	99	21.27	21.34	21.10		
20	QPSK	50	0	21.33	21.44	21.39	22.5	0
20	QPSK	50	24	21.39	21.43	21.38		
20	QPSK	50	50	21.36	21.34	21.32		
20	QPSK	100	0	21.33	21.38	21.34		
20	16QAM	1	0	21.24	21.39	21.41	22.5	0
20	16QAM	1	49	21.35	21.34	21.31		
20	16QAM	1	99	21.33	21.36	21.43		
20	16QAM	50	0	21.35	21.32	21.43	22.5	0
20	16QAM	50	24	21.43	21.33	21.40		
20	16QAM	50	50	21.35	21.35	21.31		
20	16QAM	100	0	21.39	21.39	21.37		
20	64QAM	1	0	21.39	21.32	21.29	22.5	0
20	64QAM	1	49	21.35	21.32	21.35		
20	64QAM	1	99	21.42	21.36	21.25		
20	64QAM	50	0	21.38	21.37	21.43	22.5	0
20	64QAM	50	24	21.40	21.44	21.42		
20	64QAM	50	50	21.37	21.36	21.32		
20	64QAM	100	0	21.42	21.42	21.40		
20	256QAM	1	0	19.35	19.42	19.40	20.5	2
20	256QAM	1	49	19.45	19.35	19.34		
20	256QAM	1	99	19.22	19.30	19.20		
20	256QAM	50	0	19.35	19.44	19.35	20.5	2
20	256QAM	50	24	19.38	19.42	19.47		
20	256QAM	50	50	19.50	19.28	19.28		
20	256QAM	100	0	19.33	19.30	19.45		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	21.14	21.35	21.22	22.5	0
15	QPSK	1	37	21.25	21.39	21.12		
15	QPSK	1	74	21.08	21.18	21.01		
15	QPSK	36	0	21.18	21.23	21.31	22.5	0
15	QPSK	36	20	21.31	21.24	21.28		
15	QPSK	36	39	21.20	21.17	21.31		
15	QPSK	75	0	21.20	21.34	21.24		
15	16QAM	1	0	21.07	21.23	21.34	22.5	0
15	16QAM	1	37	21.29	21.31	21.11		
15	16QAM	1	74	21.24	21.31	21.29		
15	16QAM	36	0	21.34	21.25	21.25	22.5	0
15	16QAM	36	20	21.30	21.31	21.28		
15	16QAM	36	39	21.18	21.26	21.14		
15	16QAM	75	0	21.39	21.22	21.38		
15	64QAM	1	0	21.21	21.27	21.08	22.5	0
15	64QAM	1	37	21.30	21.20	21.21		
15	64QAM	1	74	21.37	21.30	21.11		
15	64QAM	36	0	21.20	21.24	21.33	22.5	0
15	64QAM	36	20	21.32	21.37	21.41		
15	64QAM	36	39	21.18	21.36	21.25		
15	64QAM	75	0	21.21	21.29	21.20		
15	256QAM	1	0	19.13	19.42	19.31	20.5	2
15	256QAM	1	37	19.33	19.26	19.31		
15	256QAM	1	74	19.04	19.25	19.21		
15	256QAM	36	0	19.34	19.44	19.13	20.5	2
15	256QAM	36	20	19.38	19.26	19.34		
15	256QAM	36	39	19.41	19.25	19.25		
15	256QAM	75	0	19.28	19.15	19.39		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	21.18	21.29	21.33	22.5	0
10	QPSK	1	25	21.32	21.32	21.33		
10	QPSK	1	49	21.18	21.15	21.02		
10	QPSK	25	0	21.19	21.40	21.39	22.5	0
10	QPSK	25	12	21.25	21.32	21.17		
10	QPSK	25	25	21.37	21.17	21.21		
10	QPSK	50	0	21.34	21.31	21.23		
10	16QAM	1	0	21.13	21.31	21.27	22.5	0
10	16QAM	1	25	21.27	21.22	21.09		
10	16QAM	1	49	21.28	21.29	21.25		
10	16QAM	25	0	21.33	21.33	21.21	22.5	0
10	16QAM	25	12	21.32	21.27	21.32		
10	16QAM	25	25	21.34	21.20	21.19		
10	16QAM	50	0	21.38	21.23	21.32		
10	64QAM	1	0	21.23	21.12	21.21	22.5	0
10	64QAM	1	25	21.32	21.31	21.19		
10	64QAM	1	49	21.25	21.14	21.14		
10	64QAM	25	0	21.37	21.18	21.41	22.5	0
10	64QAM	25	12	21.38	21.44	21.36		
10	64QAM	25	25	21.26	21.25	21.22		
10	64QAM	50	0	21.25	21.20	21.19		
10	256QAM	1	0	19.37	19.37	19.31	20.5	2
10	256QAM	1	25	19.29	19.22	19.18		
10	256QAM	1	49	19.20	19.22	19.21		
10	256QAM	25	0	19.26	19.27	19.33	20.5	2
10	256QAM	25	12	19.18	19.27	19.25		
10	256QAM	25	25	19.37	19.26	19.26		
10	256QAM	50	0	19.33	19.16	19.33		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	21.12	21.21	21.32	22.5	0
5	QPSK	1	12	21.08	21.16	21.09		
5	QPSK	1	24	21.05	21.13	20.98		
5	QPSK	12	0	21.07	21.24	21.23	22.5	0
5	QPSK	12	7	21.18	21.21	21.27		
5	QPSK	12	13	21.13	21.29	21.13		
5	QPSK	25	0	21.13	21.14	21.18		
5	16QAM	1	0	21.18	21.36	21.25	22.5	0
5	16QAM	1	12	21.23	21.26	21.15		
5	16QAM	1	24	21.20	21.13	21.37		
5	16QAM	12	0	21.24	21.20	21.36	22.5	0
5	16QAM	12	7	21.25	21.18	21.25		
5	16QAM	12	13	21.24	21.10	21.24		
5	16QAM	25	0	21.25	21.14	21.21		
5	64QAM	1	0	21.17	21.24	21.25	22.5	0
5	64QAM	1	12	21.17	21.27	21.13		
5	64QAM	1	24	21.23	21.20	21.17		
5	64QAM	12	0	21.13	21.28	21.38	22.5	0
5	64QAM	12	7	21.20	21.24	21.20		
5	64QAM	12	13	21.21	21.33	21.18		
5	64QAM	25	0	21.20	21.23	21.22		
5	256QAM	1	0	19.10	19.16	19.20	20.5	2
5	256QAM	1	12	19.31	19.19	19.11		
5	256QAM	1	24	19.00	19.07	19.10		
5	256QAM	12	0	19.22	19.30	19.22	20.5	2
5	256QAM	12	7	19.24	19.23	19.33		
5	256QAM	12	13	19.39	19.15	19.07		
5	256QAM	25	0	19.27	19.13	19.18		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	21.21	21.24	21.33	22.5	0
3	QPSK	1	8	21.28	21.25	21.06		
3	QPSK	1	14	21.16	21.21	21.02		
3	QPSK	8	0	21.27	21.36	21.31	22.5	0
3	QPSK	8	4	21.21	21.38	21.13		
3	QPSK	8	7	21.31	21.20	21.18		
3	QPSK	15	0	21.20	21.25	21.24		
3	16QAM	1	0	21.09	21.35	21.19	22.5	0
3	16QAM	1	8	21.13	21.30	21.24		
3	16QAM	1	14	21.10	21.18	21.19		
3	16QAM	8	0	21.28	21.10	21.27	22.5	0
3	16QAM	8	4	21.25	21.17	21.31		
3	16QAM	8	7	21.09	21.11	21.19		
3	16QAM	15	0	21.22	21.18	21.13		
3	64QAM	1	0	21.16	21.11	21.10	22.5	0
3	64QAM	1	8	21.28	21.15	21.30		
3	64QAM	1	14	21.24	21.25	21.08		
3	64QAM	8	0	21.33	21.28	21.30	22.5	0
3	64QAM	8	4	21.19	21.39	21.24		
3	64QAM	8	7	21.21	21.22	21.05		
3	64QAM	15	0	21.25	21.24	21.25		
3	256QAM	1	0	19.14	19.20	19.33	20.5	2
3	256QAM	1	8	19.33	19.22	19.23		
3	256QAM	1	14	19.02	19.06	19.12		
3	256QAM	8	0	19.22	19.22	19.32	20.5	2
3	256QAM	8	4	19.34	19.24	19.34		
3	256QAM	8	7	19.39	19.20	19.05		
3	256QAM	15	0	19.20	19.20	19.35		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	21.07	21.24	21.20	22.5	0
1.4	QPSK	1	3	21.09	21.30	21.21		
1.4	QPSK	1	5	21.16	21.21	20.98		
1.4	QPSK	3	0	21.09	21.29	21.21		
1.4	QPSK	3	1	21.30	21.33	21.23		
1.4	QPSK	3	3	21.29	21.27	21.04		
1.4	QPSK	6	0	21.18	21.32	21.06	22.5	0
1.4	16QAM	1	0	20.95	21.14	21.13	22.5	0
1.4	16QAM	1	3	21.18	21.14	21.14		
1.4	16QAM	1	5	21.10	21.24	21.17		
1.4	16QAM	3	0	21.17	21.22	21.14		
1.4	16QAM	3	1	21.19	21.28	21.13		
1.4	16QAM	3	3	21.29	21.27	21.22		
1.4	16QAM	6	0	21.27	21.28	21.22	22.5	0
1.4	64QAM	1	0	21.15	21.25	21.09	22.5	0
1.4	64QAM	1	3	21.24	21.27	21.17		
1.4	64QAM	1	5	21.33	21.28	20.97		
1.4	64QAM	3	0	21.17	21.24	21.18		
1.4	64QAM	3	1	21.34	21.21	21.13		
1.4	64QAM	3	3	21.13	21.26	21.01		
1.4	64QAM	6	0	21.28	21.15	21.09	22.5	0
1.4	256QAM	1	0	19.23	19.30	19.26	20.5	2
1.4	256QAM	1	3	19.21	19.24	19.04		
1.4	256QAM	1	5	19.07	19.14	19.10		
1.4	256QAM	3	0	19.27	19.21	19.17		
1.4	256QAM	3	1	19.07	19.28	19.27		
1.4	256QAM	3	3	19.25	19.00	18.99		
1.4	256QAM	6	0	19.05	19.06	19.15	20.5	2

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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	19.27	19.41	19.36	20.5	0
20	QPSK	1	49	19.18	19.28	19.35		
20	QPSK	1	99	19.20	19.24	19.37		
20	QPSK	50	0	19.20	19.38	19.29	20.5	0
20	QPSK	50	24	19.32	19.29	19.21		
20	QPSK	50	50	19.33	19.36	19.27		
20	QPSK	100	0	19.31	19.35	19.26		
20	16QAM	1	0	19.40	19.39	19.24	20.5	0
20	16QAM	1	49	19.33	19.29	19.38		
20	16QAM	1	99	19.38	19.21	19.34		
20	16QAM	50	0	19.25	19.26	19.30	20.5	0
20	16QAM	50	24	19.35	19.30	19.40		
20	16QAM	50	50	19.33	19.39	19.29		
20	16QAM	100	0	19.32	19.28	19.36		
20	64QAM	1	0	19.21	19.32	19.29	20.5	0
20	64QAM	1	49	19.38	19.37	19.23		
20	64QAM	1	99	19.33	19.31	19.29		
20	64QAM	50	0	19.25	19.24	19.31	20.5	0
20	64QAM	50	24	19.36	19.29	19.39		
20	64QAM	50	50	19.34	19.39	19.26		
20	64QAM	100	0	19.29	19.28	19.38		
20	256QAM	1	0	19.14	19.34	19.35	20.5	0
20	256QAM	1	49	19.33	19.38	19.18		
20	256QAM	1	99	19.36	19.29	19.34		
20	256QAM	50	0	19.25	19.22	19.32	20.5	0
20	256QAM	50	24	19.30	19.36	19.33		
20	256QAM	50	50	19.25	19.38	19.32		
20	256QAM	100	0	19.29	19.33	19.33		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.27	19.38	19.37	20.5	0
15	QPSK	1	37	18.99	19.16	19.26		
15	QPSK	1	74	19.05	19.08	19.29		
15	QPSK	36	0	19.12	19.37	19.12	20.5	0
15	QPSK	36	20	19.13	19.16	19.14		
15	QPSK	36	39	19.12	19.33	19.21		
15	QPSK	75	0	19.15	19.13	19.10		
15	16QAM	1	0	19.33	19.31	19.03	20.5	0
15	16QAM	1	37	19.31	19.09	19.20		
15	16QAM	1	74	19.38	19.01	19.27		
15	16QAM	36	0	19.16	19.13	19.09	20.5	0
15	16QAM	36	20	19.36	19.08	19.22		
15	16QAM	36	39	19.24	19.18	19.14		
15	16QAM	75	0	19.33	19.12	19.34		
15	64QAM	1	0	19.23	19.26	19.23	20.5	0
15	64QAM	1	37	19.37	19.18	19.22		
15	64QAM	1	74	19.12	19.27	19.14		
15	64QAM	36	0	19.05	19.24	19.13	20.5	0
15	64QAM	36	20	19.30	19.13	19.38		
15	64QAM	36	39	19.14	19.29	19.14		
15	64QAM	75	0	19.24	19.10	19.40		
15	256QAM	1	0	19.13	19.32	19.29	20.5	0
15	256QAM	1	37	19.14	19.35	18.99		
15	256QAM	1	74	19.15	19.21	19.35		
15	256QAM	36	0	19.24	19.05	19.20	20.5	0
15	256QAM	36	20	19.17	19.26	19.16		
15	256QAM	36	39	19.23	19.26	19.10		
15	256QAM	75	0	19.20	19.21	19.12		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.05	19.29	19.32	20.5	0
10	QPSK	1	25	19.14	19.09	19.21		
10	QPSK	1	49	19.15	18.97	19.30		
10	QPSK	25	0	18.94	19.12	19.04	20.5	0
10	QPSK	25	12	19.12	19.11	19.18		
10	QPSK	25	25	19.16	19.14	19.01		
10	QPSK	50	0	19.18	19.12	19.13		
10	16QAM	1	0	19.32	19.14	19.07	20.5	0
10	16QAM	1	25	19.15	19.23	19.24		
10	16QAM	1	49	19.20	19.11	19.30		
10	16QAM	25	0	19.13	19.20	19.05	20.5	0
10	16QAM	25	12	19.32	19.22	19.14		
10	16QAM	25	25	19.18	19.27	19.13		
10	16QAM	50	0	19.12	19.21	19.13		
10	64QAM	1	0	19.02	19.17	19.13	20.5	0
10	64QAM	1	25	19.15	19.32	18.97		
10	64QAM	1	49	19.16	19.22	19.11		
10	64QAM	25	0	19.18	18.97	19.06	20.5	0
10	64QAM	25	12	19.16	19.12	19.19		
10	64QAM	25	25	19.23	19.35	19.14		
10	64QAM	50	0	19.11	19.07	19.25		
10	256QAM	1	0	18.93	19.24	19.17	20.5	0
10	256QAM	1	25	19.28	19.30	19.03		
10	256QAM	1	49	19.16	19.08	19.20		
10	256QAM	25	0	18.99	19.15	19.13	20.5	0
10	256QAM	25	12	19.21	19.21	19.13		
10	256QAM	25	25	19.04	19.15	19.09		
10	256QAM	50	0	19.05	19.14	19.18		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.22	19.25	19.31	20.5	0
5	QPSK	1	12	18.96	19.12	19.17		
5	QPSK	1	24	19.01	19.05	19.20		
5	QPSK	12	0	19.17	19.12	19.23	20.5	0
5	QPSK	12	7	19.09	19.24	19.02		
5	QPSK	12	13	19.07	19.28	19.09		
5	QPSK	25	0	19.07	19.31	19.18		
5	16QAM	1	0	19.20	19.30	19.10	20.5	0
5	16QAM	1	12	19.23	19.14	19.25		
5	16QAM	1	24	19.24	19.13	19.29		
5	16QAM	12	0	19.15	19.21	19.24	20.5	0
5	16QAM	12	7	19.27	19.18	19.18		
5	16QAM	12	13	19.13	19.32	19.08		
5	16QAM	25	0	19.06	19.09	19.16		
5	64QAM	1	0	19.15	19.06	19.16	20.5	0
5	64QAM	1	12	19.19	19.11	18.98		
5	64QAM	1	24	19.22	19.18	19.22		
5	64QAM	12	0	19.19	19.08	19.27	20.5	0
5	64QAM	12	7	19.12	19.24	19.25		
5	64QAM	12	13	19.15	19.15	19.22		
5	64QAM	25	0	19.15	19.13	19.17		
5	256QAM	1	0	18.91	19.11	19.12	20.5	0
5	256QAM	1	12	19.11	19.12	19.02		
5	256QAM	1	24	19.12	19.23	19.25		
5	256QAM	12	0	19.11	19.01	19.24	20.5	0
5	256QAM	12	7	19.05	19.16	19.29		
5	256QAM	12	13	19.18	19.14	19.08		
5	256QAM	25	0	19.14	19.07	19.13		

0

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	22.38	22.45	22.29	23.5	0
20	QPSK	1	49	22.44	22.42	22.27		
20	QPSK	1	99	22.23	22.30	22.20		
20	QPSK	50	0	22.29	22.44	22.38	23.5	0
20	QPSK	50	24	22.29	22.36	22.37		
20	QPSK	50	50	22.31	22.42	22.32		
20	QPSK	100	0	22.33	22.35	22.30		
20	16QAM	1	0	22.33	22.29	22.28	23.5	0
20	16QAM	1	49	22.34	22.38	22.37		
20	16QAM	1	99	22.32	22.35	22.38		
20	16QAM	50	0	22.29	22.30	22.40	23.5	0
20	16QAM	50	24	22.31	22.28	22.38		
20	16QAM	50	50	22.39	22.44	22.35		
20	16QAM	100	0	22.37	22.31	22.36		
20	64QAM	1	0	22.29	22.33	22.31	23.5	0
20	64QAM	1	49	22.41	22.32	22.34		
20	64QAM	1	99	22.43	22.42	22.23		
20	64QAM	50	0	21.32	21.43	21.38	22.5	1
20	64QAM	50	24	21.34	21.32	21.38		
20	64QAM	50	50	21.29	21.26	21.35		
20	64QAM	100	0	21.31	21.35	21.39		
20	256QAM	1	0	19.00	19.14	18.90	20.5	3
20	256QAM	1	49	18.80	19.24	19.04		
20	256QAM	1	99	19.12	18.95	18.95		
20	256QAM	50	0	19.04	19.12	18.93	20.5	3
20	256QAM	50	24	19.23	19.15	19.21		
20	256QAM	50	50	19.17	19.28	18.98		
20	256QAM	100	0	19.23	18.99	18.97		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	22.31	22.41	22.11	23.5	0
15	QPSK	1	37	22.29	22.27	22.22		
15	QPSK	1	74	22.20	22.11	22.13		
15	QPSK	36	0	22.21	22.33	22.24	23.5	0
15	QPSK	36	20	22.14	22.21	22.28		
15	QPSK	36	39	22.21	22.34	22.28		
15	QPSK	75	0	22.27	22.32	22.12		
15	16QAM	1	0	22.33	22.31	22.09	23.5	0
15	16QAM	1	37	22.26	22.24	22.19		
15	16QAM	1	74	22.17	22.33	22.23		
15	16QAM	36	0	22.12	22.14	22.22	23.5	0
15	16QAM	36	20	22.12	22.18	22.22		
15	16QAM	36	39	22.25	22.26	22.25		
15	16QAM	75	0	22.21	22.26	22.24		
15	64QAM	1	0	22.17	22.18	22.12	23.5	0
15	64QAM	1	37	22.43	22.20	22.25		
15	64QAM	1	74	22.38	22.35	22.07		
15	64QAM	36	0	21.20	21.36	21.27	22.5	1
15	64QAM	36	20	21.24	21.26	21.18		
15	64QAM	36	39	21.13	21.25	21.24		
15	64QAM	75	0	21.17	21.32	21.38		
15	256QAM	1	0	18.97	19.14	18.93	20.5	3
15	256QAM	1	37	18.83	19.24	19.00		
15	256QAM	1	74	19.09	18.92	18.90		
15	256QAM	36	0	19.03	19.14	18.96	20.5	3
15	256QAM	36	20	19.26	19.15	19.14		
15	256QAM	36	39	19.16	19.26	18.99		
15	256QAM	75	0	19.19	18.96	18.93		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.17	22.34	22.17	23.5	0
10	QPSK	1	25	22.25	22.38	22.14		
10	QPSK	1	49	22.10	22.27	22.00		
10	QPSK	25	0	22.29	22.40	22.31	23.5	0
10	QPSK	25	12	22.13	22.31	22.28		
10	QPSK	25	25	22.23	22.31	22.20		
10	QPSK	50	0	22.19	22.28	22.13		
10	16QAM	1	0	22.25	22.10	22.18	23.5	0
10	16QAM	1	25	22.17	22.25	22.21		
10	16QAM	1	49	22.17	22.36	22.39		
10	16QAM	25	0	22.16	22.16	22.25	23.5	0
10	16QAM	25	12	22.21	22.22	22.32		
10	16QAM	25	25	22.29	22.41	22.25		
10	16QAM	50	0	22.38	22.14	22.29		
10	64QAM	1	0	22.30	22.29	22.14	23.5	0
10	64QAM	1	25	22.34	22.30	22.14		
10	64QAM	1	49	22.29	22.25	22.24		
10	64QAM	25	0	21.25	21.40	21.34	22.5	1
10	64QAM	25	12	21.34	21.21	21.27		
10	64QAM	25	25	21.29	21.13	21.15		
10	64QAM	50	0	21.29	21.33	21.26		
10	256QAM	1	0	18.98	19.17	18.90	20.5	3
10	256QAM	1	25	18.81	19.18	19.04		
10	256QAM	1	49	19.16	18.91	18.96		
10	256QAM	25	0	19.05	19.09	18.90	20.5	3
10	256QAM	25	12	19.26	19.10	19.18		
10	256QAM	25	25	19.13	19.23	18.97		
10	256QAM	50	0	19.22	19.02	18.97		
Channel				26065	26340	26865	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	22.33	22.29	22.06	23.5	0
5	QPSK	1	12	22.19	22.36	22.18		
5	QPSK	1	24	22.14	22.16	22.07		
5	QPSK	12	0	22.16	22.33	22.22	23.5	0
5	QPSK	12	7	22.26	22.23	22.29		
5	QPSK	12	13	22.16	22.29	22.27		
5	QPSK	25	0	22.10	22.16	22.14		
5	16QAM	1	0	22.29	22.08	22.09	23.5	0
5	16QAM	1	12	22.19	22.29	22.34		
5	16QAM	1	24	22.08	22.28	22.31		
5	16QAM	12	0	22.03	22.22	22.17	23.5	0
5	16QAM	12	7	22.24	22.03	22.26		
5	16QAM	12	13	22.32	22.40	22.20		
5	16QAM	25	0	22.29	22.26	22.26		
5	64QAM	1	0	22.20	22.20	22.21	23.5	0
5	64QAM	1	12	22.37	22.16	22.27		
5	64QAM	1	24	22.39	22.34	22.20		
5	64QAM	12	0	21.06	21.17	21.19	22.5	1
5	64QAM	12	7	21.13	21.13	21.23		
5	64QAM	12	13	21.18	20.99	21.25		
5	64QAM	25	0	21.11	21.10	21.32		
5	256QAM	1	0	18.96	19.22	18.92	20.5	3
5	256QAM	1	12	18.79	19.24	18.97		
5	256QAM	1	24	19.11	18.94	18.95		
5	256QAM	12	0	19.02	19.12	18.89	20.5	3
5	256QAM	12	7	19.20	19.16	19.14		
5	256QAM	12	13	19.17	19.21	18.98		
5	256QAM	25	0	19.20	19.00	18.97		
Channel				26025	26340	26675	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	22.13	22.23	22.06	23.5	0
3	QPSK	1	8	22.38	22.33	22.01		
3	QPSK	1	14	22.03	22.09	22.09		
3	QPSK	8	0	22.06	22.23	22.25	23.5	0
3	QPSK	8	4	22.17	22.27	22.33		
3	QPSK	8	7	22.14	22.16	22.13		
3	QPSK	15	0	22.09	22.12	22.06		
3	16QAM	1	0	22.24	22.18	22.11	23.5	0
3	16QAM	1	8	22.14	22.13	22.33		
3	16QAM	1	14	22.11	22.20	22.27		
3	16QAM	8	0	22.21	22.16	22.21	23.5	0
3	16QAM	8	4	22.17	22.24	22.16		
3	16QAM	8	7	22.28	22.32	22.12		
3	16QAM	15	0	22.32	22.17	22.17		
3	64QAM	1	0	22.26	22.09	22.12	23.5	0
3	64QAM	1	8	22.16	22.14	22.16		
3	64QAM	1	14	22.34	22.27	22.13		
3	64QAM	8	0	21.27	21.24	21.31	22.5	1
3	64QAM	8	4	21.10	21.15	21.19		
3	64QAM	8	7	21.03	21.07	21.10		
3	64QAM	15	0	21.22	21.25	21.33		
3	256QAM	1	0	19.01	19.15	18.92	20.5	3
3	256QAM	1	8	18.80	19.21	18.99		
3	256QAM	1	14	19.14	18.94	18.96		
3	256QAM	8	0	19.03	19.13	18.88	20.5	3
3	256QAM	8	4	19.19	19.08	19.19		
3	256QAM	8	7	19.19	19.27	18.94		
3	256QAM	15	0	19.25	18.97	18.96		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	22.07	22.24	22.15	23.5	0
1.4	QPSK	1	3	22.14	22.29	22.06		
1.4	QPSK	1	5	22.03	21.99	22.05		
1.4	QPSK	3	0	22.11	22.12	22.12		
1.4	QPSK	3	1	22.10	22.24	22.13		
1.4	QPSK	3	3	22.09	22.27	22.11		
1.4	QPSK	6	0	22.15	22.13	22.04	23.5	0
1.4	16QAM	1	0	22.01	22.03	22.13	23.5	0
1.4	16QAM	1	3	22.15	22.30	22.17		
1.4	16QAM	1	5	22.14	22.04	22.22		
1.4	16QAM	3	0	22.15	22.12	22.19		
1.4	16QAM	3	1	22.02	22.00	22.11		
1.4	16QAM	3	3	22.31	22.23	22.07		
1.4	16QAM	6	0	22.28	22.12	22.26	23.5	0
1.4	64QAM	1	0	22.07	22.20	22.06	23.5	0
1.4	64QAM	1	3	22.25	22.17	22.20		
1.4	64QAM	1	5	22.33	22.32	22.08		
1.4	64QAM	3	0	22.21	22.26	22.22		
1.4	64QAM	3	1	22.13	22.16	22.06		
1.4	64QAM	3	3	21.99	22.04	22.18		
1.4	64QAM	6	0	21.00	21.21	21.21	22.5	1
1.4	256QAM	1	0	19.01	19.14	18.87	20.5	3
1.4	256QAM	1	3	18.82	19.16	19.01		
1.4	256QAM	1	5	19.10	18.95	18.97		
1.4	256QAM	3	0	19.08	19.14	18.95		
1.4	256QAM	3	1	19.19	19.13	19.13		
1.4	256QAM	3	3	19.12	19.22	18.97		
1.4	256QAM	6	0	19.26	18.98	18.95	20.5	3

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BW [MHz]	Modulation	\	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	21.44	21.48	21.45	22.5	0
20	QPSK	1	49	21.34	21.41	21.43		
20	QPSK	1	99	21.30	21.23	21.30		
20	QPSK	50	0	21.40	21.46	21.42	22.5	0
20	QPSK	50	24	21.37	21.34	21.39		
20	QPSK	50	50	21.44	21.36	21.42		
20	QPSK	100	0	21.46	21.47	21.32		
20	16QAM	1	0	21.35	21.43	21.29	22.5	0
20	16QAM	1	49	21.39	21.31	21.28		
20	16QAM	1	99	21.34	21.37	21.29		
20	16QAM	50	0	21.42	21.39	21.42	22.5	0
20	16QAM	50	24	21.35	21.39	21.39		
20	16QAM	50	50	21.45	21.41	21.42		
20	16QAM	100	0	21.39	21.36	21.42		
20	64QAM	1	0	21.27	21.39	21.28	22.5	0
20	64QAM	1	49	21.38	21.33	21.35		
20	64QAM	1	99	21.43	21.44	21.45		
20	64QAM	50	0	21.42	21.42	21.43	22.5	0
20	64QAM	50	24	21.39	21.40	21.40		
20	64QAM	50	50	21.33	21.39	21.42		
20	64QAM	100	0	21.41	21.35	21.45		
20	256QAM	1	0	19.41	19.52	19.38	20.5	2
20	256QAM	1	49	19.27	19.31	19.36		
20	256QAM	1	99	19.35	19.25	19.22		
20	256QAM	50	0	19.28	19.43	19.38	20.5	2
20	256QAM	50	24	19.37	19.35	19.40		
20	256QAM	50	50	19.52	19.36	19.46		
20	256QAM	100	0	19.45	19.58	19.42		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	21.25	21.36	21.27	22.5	0
15	QPSK	1	37	21.14	21.29	21.32		
15	QPSK	1	74	21.18	21.05	21.25		
15	QPSK	36	0	21.18	21.40	21.33	22.5	0
15	QPSK	36	20	21.27	21.25	21.25		
15	QPSK	36	39	21.44	21.30	21.29		
15	QPSK	75	0	21.44	21.43	21.27		
15	16QAM	1	0	21.16	21.37	21.21	22.5	0
15	16QAM	1	37	21.32	21.18	21.19		
15	16QAM	1	74	21.14	21.30	21.16		
15	16QAM	36	0	21.20	21.24	21.32	22.5	0
15	16QAM	36	20	21.30	21.29	21.24		
15	16QAM	36	39	21.42	21.28	21.31		
15	16QAM	75	0	21.18	21.15	21.23		
15	64QAM	1	0	21.13	21.40	21.15	22.5	0
15	64QAM	1	37	21.35	21.14	21.15		
15	64QAM	1	74	21.26	21.41	21.31		
15	64QAM	36	0	21.32	21.31	21.35	22.5	0
15	64QAM	36	20	21.34	21.26	21.24		
15	64QAM	36	39	21.13	21.32	21.40		
15	64QAM	75	0	21.43	21.30	21.32		
15	256QAM	1	0	19.22	19.30	19.36	20.5	2
15	256QAM	1	37	19.27	19.16	19.30		
15	256QAM	1	74	19.14	19.09	19.10		
15	256QAM	36	0	19.10	19.41	19.23	20.5	2
15	256QAM	36	20	19.18	19.34	19.33		
15	256QAM	36	39	19.31	19.29	19.24		
15	256QAM	75	0	19.30	19.53	19.23		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	21.26	21.30	21.31	22.5	0
10	QPSK	1	25	21.16	21.34	21.34		
10	QPSK	1	49	21.21	21.07	21.24		
10	QPSK	25	0	21.23	21.25	21.28	22.5	0
10	QPSK	25	12	21.26	21.17	21.27		
10	QPSK	25	25	21.27	21.27	21.36		
10	QPSK	50	0	21.40	21.33	21.10		
10	16QAM	1	0	21.36	21.22	21.08	22.5	0
10	16QAM	1	25	21.19	21.29	21.20		
10	16QAM	1	49	21.31	21.33	21.19		
10	16QAM	25	0	21.31	21.41	21.43	22.5	0
10	16QAM	25	12	21.18	21.28	21.36		
10	16QAM	25	25	21.41	21.43	21.23		
10	16QAM	50	0	21.27	21.34	21.37		
10	64QAM	1	0	21.24	21.35	21.28	22.5	0
10	64QAM	1	25	21.25	21.16	21.33		
10	64QAM	1	49	21.23	21.43	21.38		
10	64QAM	25	0	21.30	21.32	21.34	22.5	0
10	64QAM	25	12	21.32	21.26	21.29		
10	64QAM	25	25	21.18	21.21	21.27		
10	64QAM	50	0	21.28	21.16	21.23		
10	256QAM	1	0	19.26	19.34	19.21	20.5	2
10	256QAM	1	25	19.29	19.24	19.21		
10	256QAM	1	49	19.15	19.12	19.24		
10	256QAM	25	0	19.13	19.32	19.35	20.5	2
10	256QAM	25	12	19.33	19.26	19.38		
10	256QAM	25	25	19.30	19.32	19.28		
10	256QAM	50	0	19.28	19.51	19.42		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	21.40	21.34	21.23	22.5	0
5	QPSK	1	12	21.28	21.21	21.30		
5	QPSK	1	24	21.17	21.17	21.12		
5	QPSK	12	0	21.13	21.38	21.38	22.5	0
5	QPSK	12	7	21.12	21.09	21.25		
5	QPSK	12	13	21.19	21.11	21.26		
5	QPSK	25	0	21.34	21.27	21.17		
5	16QAM	1	0	21.11	21.17	21.16	22.5	0
5	16QAM	1	12	21.21	21.10	21.04		
5	16QAM	1	24	21.19	21.33	21.07		
5	16QAM	12	0	21.34	21.24	21.23	22.5	0
5	16QAM	12	7	21.26	21.32	21.18		
5	16QAM	12	13	21.23	21.30	21.24		
5	16QAM	25	0	21.30	21.24	21.27		
5	64QAM	1	0	21.09	21.14	21.08	22.5	0
5	64QAM	1	12	21.34	21.10	21.24		
5	64QAM	1	24	21.24	21.40	21.25		
5	64QAM	12	0	21.36	21.19	21.36	22.5	0
5	64QAM	12	7	21.29	21.18	21.22		
5	64QAM	12	13	21.20	21.21	21.22		
5	64QAM	25	0	21.33	21.14	21.21		
5	256QAM	1	0	19.28	19.43	19.32	20.5	2
5	256QAM	1	12	19.11	19.07	19.24		
5	256QAM	1	24	19.31	19.05	19.07		
5	256QAM	12	0	19.04	19.32	19.25	20.5	2
5	256QAM	12	7	19.18	19.11	19.27		
5	256QAM	12	13	19.25	19.15	19.27		
5	256QAM	25	0	19.38	19.51	19.33		
Channel				131967	132322	132677	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	21.24	21.35	21.33	22.5	0
3	QPSK	1	8	21.18	21.18	21.25		
3	QPSK	1	14	21.08	21.13	21.15		
3	QPSK	8	0	21.22	21.39	21.29	22.5	0
3	QPSK	8	4	21.21	21.19	21.28		
3	QPSK	8	7	21.19	21.15	21.18		
3	QPSK	15	0	21.22	21.30	21.20		
3	16QAM	1	0	21.24	21.37	21.25	22.5	0
3	16QAM	1	8	21.23	21.27	21.11		
3	16QAM	1	14	21.14	21.24	21.04		
3	16QAM	8	0	21.21	21.33	21.24	22.5	0
3	16QAM	8	4	21.16	21.20	21.35		
3	16QAM	8	7	21.35	21.35	21.29		
3	16QAM	15	0	21.31	21.27	21.21		
3	64QAM	1	0	21.04	21.31	21.22	22.5	0
3	64QAM	1	8	21.18	21.29	21.09		
3	64QAM	1	14	21.26	21.39	21.21		
3	64QAM	8	0	21.29	21.33	21.20	22.5	0
3	64QAM	8	4	21.19	21.25	21.23		
3	64QAM	8	7	21.23	21.17	21.38		
3	64QAM	15	0	21.35	21.26	21.20		
3	256QAM	1	0	19.25	19.35	19.21	20.5	2
3	256QAM	1	8	19.07	19.10	19.32		
3	256QAM	1	14	19.17	19.07	19.09		
3	256QAM	8	0	19.05	19.18	19.33	20.5	2
3	256QAM	8	4	19.32	19.08	19.14		
3	256QAM	8	7	19.29	19.31	19.36		
3	256QAM	15	0	19.32	19.40	19.24		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	21.16	21.25	21.26	22.5	0
1.4	QPSK	1	3	21.17	21.13	21.12		
1.4	QPSK	1	5	21.17	21.06	20.99		
1.4	QPSK	3	0	21.20	21.19	21.34		
1.4	QPSK	3	1	21.06	21.18	21.21		
1.4	QPSK	3	3	21.33	21.16	21.34		
1.4	QPSK	6	0	21.18	21.18	21.19	22.5	0
1.4	16QAM	1	0	21.10	21.22	21.09	22.5	0
1.4	16QAM	1	3	21.08	21.07	21.07		
1.4	16QAM	1	5	21.13	21.18	21.15		
1.4	16QAM	3	0	21.25	21.09	21.17		
1.4	16QAM	3	1	21.11	21.23	21.19		
1.4	16QAM	3	3	21.30	21.12	21.14		
1.4	16QAM	6	0	21.24	21.08	21.18	22.5	0
1.4	64QAM	1	0	21.07	21.24	21.11	22.5	0
1.4	64QAM	1	3	21.14	21.13	21.08		
1.4	64QAM	1	5	21.34	21.30	21.24		
1.4	64QAM	3	0	21.16	21.20	21.31		
1.4	64QAM	3	1	21.27	21.17	21.24		
1.4	64QAM	3	3	21.25	21.18	21.17		
1.4	64QAM	6	0	21.18	21.06	21.30	22.5	0
1.4	256QAM	1	0	19.29	19.38	19.23	20.5	2
1.4	256QAM	1	3	19.17	19.10	19.11		
1.4	256QAM	1	5	19.24	19.00	19.07		
1.4	256QAM	3	0	19.07	19.31	19.25		
1.4	256QAM	3	1	19.24	19.19	19.29		
1.4	256QAM	3	3	19.34	19.21	19.28		
1.4	256QAM	6	0	19.33	19.42	19.18	20.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.42	23.49	23.35	24.5	0
20	QPSK	1	49	23.33	23.43	23.42		
20	QPSK	1	99	23.46	23.46	23.38		
20	QPSK	50	0	23.38	23.47	23.30	24.5	0
20	QPSK	50	24	23.39	23.43	23.41		
20	QPSK	50	50	23.44	23.40	23.39		
20	QPSK	100	0	23.40	23.44	23.40		
20	16QAM	1	0	23.40	23.30	23.44	24.5	0
20	16QAM	1	49	23.31	23.47	23.35		
20	16QAM	1	99	23.40	23.31	23.32		
20	16QAM	50	0	22.34	22.33	22.32	23.5	1
20	16QAM	50	24	22.52	22.46	22.43		
20	16QAM	50	50	22.47	22.40	22.38		
20	16QAM	100	0	22.45	22.41	22.38		
20	64QAM	1	0	22.35	22.29	22.29	23.5	1
20	64QAM	1	49	22.08	22.21	22.39		
20	64QAM	1	99	22.37	22.30	22.36		
20	64QAM	50	0	21.37	21.32	21.32	22.5	2
20	64QAM	50	24	21.48	21.43	21.44		
20	64QAM	50	50	21.44	21.41	21.38		
20	64QAM	100	0	21.41	21.39	21.38		
20	256QAM	1	0	19.43	19.52	19.41	20.5	4
20	256QAM	1	49	19.31	19.52	19.50		
20	256QAM	1	99	19.34	19.36	19.28		
20	256QAM	50	0	19.39	19.54	19.32	20.5	4
20	256QAM	50	24	19.46	19.36	19.47		
20	256QAM	50	50	19.46	19.43	19.36		
20	256QAM	100	0	19.29	19.55	19.49		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.41	23.31	23.14	24.5	0
15	QPSK	1	37	23.13	23.26	23.38		
15	QPSK	1	74	23.37	23.45	23.37		
15	QPSK	36	0	23.23	23.38	23.08	24.5	0
15	QPSK	36	20	23.21	23.37	23.22		
15	QPSK	36	39	23.23	23.37	23.17		
15	QPSK	75	0	23.24	23.41	23.27		
15	16QAM	1	0	23.27	23.16	23.25	24.5	0
15	16QAM	1	37	23.13	23.47	23.28		
15	16QAM	1	74	23.33	23.10	23.33		
15	16QAM	36	0	22.15	22.34	22.11	23.5	1
15	16QAM	36	20	22.43	22.33	22.37		
15	16QAM	36	39	22.40	22.28	22.32		
15	16QAM	75	0	22.33	22.37	22.37		
15	64QAM	1	0	22.15	22.23	22.26	23.5	1
15	64QAM	1	37	21.99	22.09	22.29		
15	64QAM	1	74	22.20	22.08	22.30		
15	64QAM	36	0	21.22	21.31	21.16	22.5	2
15	64QAM	36	20	21.32	21.36	21.25		
15	64QAM	36	39	21.32	21.42	21.35		
15	64QAM	75	0	21.26	21.41	21.35		
15	256QAM	1	0	19.27	19.40	19.40	20.5	4
15	256QAM	1	37	19.28	19.33	19.44		
15	256QAM	1	74	19.24	19.26	19.23		
15	256QAM	36	0	19.23	19.46	19.32	20.5	4
15	256QAM	36	20	19.26	19.36	19.42		
15	256QAM	36	39	19.27	19.35	19.27		
15	256QAM	75	0	19.17	19.54	19.41		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.13	23.29	22.95	24.5	0
10	QPSK	1	25	23.03	23.10	23.22		
10	QPSK	1	49	23.14	23.05	23.05		
10	QPSK	25	0	23.01	23.26	23.09	24.5	0
10	QPSK	25	12	23.12	23.18	23.11		
10	QPSK	25	25	23.25	23.11	23.10		
10	QPSK	50	0	23.19	23.10	23.03		
10	16QAM	1	0	23.22	23.07	23.05	24.5	0
10	16QAM	1	25	22.95	23.23	23.02		
10	16QAM	1	49	23.06	23.04	22.90		
10	16QAM	25	0	21.95	22.00	21.91	23.5	1
10	16QAM	25	12	22.12	22.10	22.03		
10	16QAM	25	25	22.22	22.18	22.16		
10	16QAM	50	0	22.16	22.16	22.01		
10	64QAM	1	0	22.05	21.97	22.04	23.5	1
10	64QAM	1	25	21.88	21.82	22.00		
10	64QAM	1	49	22.18	22.10	21.95		
10	64QAM	25	0	20.98	20.96	21.02	22.5	2
10	64QAM	25	12	21.18	21.06	21.09		
10	64QAM	25	25	21.18	21.22	21.01		
10	64QAM	50	0	21.08	21.16	21.09		
10	256QAM	1	0	19.20	19.10	19.13	20.5	4
10	256QAM	1	25	18.99	19.17	19.11		
10	256QAM	1	49	18.94	19.15	18.88		
10	256QAM	25	0	18.99	19.16	18.96	20.5	4
10	256QAM	25	12	19.06	19.16	19.28		
10	256QAM	25	25	19.10	19.15	18.94		
10	256QAM	50	0	18.92	19.23	19.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.97	23.03	23.02	24.5	0
5	QPSK	1	12	22.93	22.96	23.01		
5	QPSK	1	24	23.06	23.00	23.01		
5	QPSK	12	0	23.08	23.11	22.86	24.5	0
5	QPSK	12	7	23.04	22.99	23.16		
5	QPSK	12	13	22.97	23.06	22.97		
5	QPSK	25	0	23.14	23.09	22.97		
5	16QAM	1	0	23.05	22.91	23.15	24.5	0
5	16QAM	1	12	22.92	23.16	22.91		
5	16QAM	1	24	23.09	23.03	23.08		
5	16QAM	12	0	22.07	22.06	21.89	23.5	1
5	16QAM	12	7	22.14	22.01	22.04		
5	16QAM	12	13	22.24	21.99	22.08		
5	16QAM	25	0	22.09	22.07	21.95		
5	64QAM	1	0	21.90	22.05	22.05	23.5	1
5	64QAM	1	12	21.79	21.76	21.93		
5	64QAM	1	24	22.08	21.87	22.11		
5	64QAM	12	0	21.07	21.02	20.89	22.5	2
5	64QAM	12	7	21.07	20.97	21.03		
5	64QAM	12	13	21.18	21.11	20.94		
5	64QAM	25	0	21.17	20.97	21.12		
5	256QAM	1	0	19.04	19.18	19.12	20.5	4
5	256QAM	1	12	18.86	19.16	19.23		
5	256QAM	1	24	19.03	18.96	18.84		
5	256QAM	12	0	18.96	19.13	19.04	20.5	4
5	256QAM	12	7	19.20	19.11	19.05		
5	256QAM	12	13	19.08	19.09	18.95		
5	256QAM	25	0	19.05	19.12	19.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.37	23.34	23.50	23.48	23.35	24.5	0
20	QPSK	1	49	23.36	23.36	23.48	23.37	23.26		
20	QPSK	1	99	23.22	23.37	23.42	23.41	23.19		
20	QPSK	50	0	23.25	23.24	23.46	23.32	23.28	24.5	0
20	QPSK	50	24	23.33	23.36	23.36	23.35	23.28		
20	QPSK	50	50	23.29	23.36	23.44	23.38	23.22		
20	QPSK	100	0	23.30	23.35	23.43	23.31	23.24		
20	16QAM	1	0	23.23	23.20	23.41	23.39	23.27	24.5	0
20	16QAM	1	49	23.38	23.34	23.39	23.43	23.41		
20	16QAM	1	99	23.17	23.31	23.36	23.29	23.21		
20	16QAM	50	0	22.27	22.27	22.38	22.37	22.30	23.5	1
20	16QAM	50	24	22.35	22.37	22.43	22.35	22.26		
20	16QAM	50	50	22.29	22.32	22.41	22.38	22.21		
20	16QAM	100	0	22.31	22.35	22.45	22.33	22.26		
20	64QAM	1	0	22.25	22.20	22.37	22.38	22.20	23.5	1
20	64QAM	1	49	22.23	22.32	22.36	22.34	22.26		
20	64QAM	1	99	22.11	22.28	22.31	22.30	22.17		
20	64QAM	50	0	21.23	21.23	21.38	21.34	21.30	22.5	2
20	64QAM	50	24	21.33	21.37	21.45	21.35	21.28		
20	64QAM	50	50	21.27	21.36	21.43	21.37	21.23		
20	64QAM	100	0	21.33	21.33	21.43	21.32	21.26		
20	256QAM	1	0	19.38	19.34	19.51	19.48	19.39	20.5	4
20	256QAM	1	49	19.31	19.42	19.42	19.33	19.24		
20	256QAM	1	99	19.29	19.42	19.34	19.35	19.24		
20	256QAM	50	0	19.36	19.13	19.45	19.25	19.29	20.5	4
20	256QAM	50	24	19.28	19.41	19.42	19.40	19.39		
20	256QAM	50	50	19.29	19.39	19.31	19.42	19.24		
20	256QAM	100	0	19.40	19.27	19.46	19.30	19.12		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.38	23.26	23.34	23.41	23.16	24.50	0
15	QPSK	1	37	23.18	23.15	23.41	23.26	23.27		
15	QPSK	1	74	23.05	23.23	23.35	23.42	23.18		
15	QPSK	36	0	23.26	23.19	23.39	23.30	23.20	24.5	0
15	QPSK	36	20	23.24	23.22	23.31	23.20	23.20		
15	QPSK	36	39	23.13	23.22	23.43	23.25	23.07		
15	QPSK	75	0	23.29	23.36	23.33	23.27	23.21		
15	16QAM	1	0	23.24	23.11	23.27	23.35	23.19	24.5	0
15	16QAM	1	37	23.26	23.35	23.32	23.23	23.41		
15	16QAM	1	74	23.04	23.26	23.27	23.20	23.20		
15	16QAM	36	0	22.09	22.25	22.35	22.21	22.20	23.5	1
15	16QAM	36	20	22.30	22.27	22.39	22.27	22.25		
15	16QAM	36	39	22.12	22.31	22.29	22.37	22.03		
15	16QAM	75	0	22.24	22.16	22.34	22.18	22.08		
15	64QAM	1	0	22.21	22.16	22.34	22.17	22.19	23.5	1
15	64QAM	1	37	22.02	22.20	22.22	22.29	22.22		
15	64QAM	1	74	21.95	22.26	22.24	22.29	22.02		
15	64QAM	36	0	21.09	21.01	21.29	21.30	21.22	22.5	2
15	64QAM	36	20	21.28	21.32	21.35	21.22	21.16		
15	64QAM	36	39	21.29	21.25	21.36	21.25	21.09		
15	64QAM	75	0	21.27	21.22	21.29	21.10	21.18		
15	256QAM	1	0	19.26	19.28	19.32	19.34	19.35	20.5	4
15	256QAM	1	37	19.24	19.38	19.32	19.17	19.04		
15	256QAM	1	74	19.12	19.28	19.13	19.31	19.09		
15	256QAM	36	0	19.20	18.94	19.33	19.11	19.24	20.5	4
15	256QAM	36	20	19.07	19.21	19.28	19.19	19.26		
15	256QAM	36	39	19.27	19.31	19.14	19.24	19.04		
15	256QAM	75	0	19.33	19.17	19.35	19.18	18.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.27	23.22	23.35	23.39	23.23	24.50	0
10	QPSK	1	25	23.16	23.15	23.35	23.23	23.08		
10	QPSK	1	49	23.06	23.27	23.24	23.29	23.02		
10	QPSK	25	0	23.13	23.11	23.33	23.17	23.12	24.5	0
10	QPSK	25	12	23.19	23.20	23.18	23.16	23.18		
10	QPSK	25	25	23.17	23.20	23.25	23.28	23.09		
10	QPSK	50	0	23.12	23.25	23.26	23.12	23.04		
10	16QAM	1	0	23.10	23.00	23.22	23.20	23.09	24.5	0
10	16QAM	1	25	23.25	23.15	23.23	23.28	23.27		
10	16QAM	1	49	23.03	23.15	23.26	23.11	23.05		
10	16QAM	25	0	22.14	22.15	22.21	22.20	22.18	23.5	1
10	16QAM	25	12	22.14	22.20	22.29	22.17	22.10		
10	16QAM	25	25	22.18	22.13	22.31	22.21	22.08		
10	16QAM	50	0	22.17	22.25	22.24	22.17	22.12		
10	64QAM	1	0	22.15	22.00	22.24	22.29	22.01	23.5	1
10	64QAM	1	25	22.09	22.18	22.22	22.15	22.06		
10	64QAM	1	49	21.97	22.11	22.19	22.19	22.02		
10	64QAM	25	0	21.07	21.13	21.24	21.16	21.18	22.5	2
10	64QAM	25	12	21.16	21.20	21.30	21.15	21.14		
10	64QAM	25	25	21.17	21.21	21.28	21.17	21.08		
10	64QAM	50	0	21.14	21.21	21.24	21.18	21.15		
10	256QAM	1	0	19.29	19.15	19.30	19.32	19.27	20.5	4
10	256QAM	1	25	19.20	19.30	19.27	19.15	19.11		
10	256QAM	1	49	19.18	19.32	19.15	19.16	19.10		
10	256QAM	25	0	19.21	18.99	19.34	19.06	19.08	20.5	4
10	256QAM	25	12	19.19	19.30	19.32	19.23	19.30		
10	256QAM	25	25	19.13	19.24	19.15	19.23	19.11		
10	256QAM	50	0	19.26	19.17	19.33	19.16	18.99		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.19	23.10	23.35	23.39	23.14	24.50	0
5	QPSK	1	12	23.21	23.29	23.38	23.19	23.11		
5	QPSK	1	24	23.11	23.29	23.33	23.25	23.02		
5	QPSK	12	0	23.14	23.04	23.37	23.17	23.03	24.5	0
5	QPSK	12	7	23.14	23.17	23.12	23.17	23.05		
5	QPSK	12	13	23.15	23.26	23.29	23.17	23.08		
5	QPSK	25	0	23.23	23.28	23.25	23.14	23.06		
5	16QAM	1	0	23.01	23.00	23.29	23.15	23.17	24.5	0
5	16QAM	1	12	23.21	23.15	23.28	23.30	23.30		
5	16QAM	1	24	23.01	23.12	23.30	23.18	23.00		
5	16QAM	12	0	22.04	22.10	22.18	22.13	22.15	23.5	1
5	16QAM	12	7	22.19	22.31	22.30	22.27	22.09		
5	16QAM	12	13	22.23	22.13	22.33	22.28	22.16		
5	16QAM	25	0	22.14	22.16	22.28	22.13	22.02		
5	64QAM	1	0	22.18	22.06	22.29	22.30	22.14	23.5	1
5	64QAM	1	12	22.12	22.18	22.30	22.23	22.10		
5	64QAM	1	24	22.03	22.05	22.22	22.14	21.98		
5	64QAM	12	0	21.02	21.14	21.29	21.23	21.11	22.5	2
5	64QAM	12	7	21.10	21.22	21.34	21.17	21.14		
5	64QAM	12	13	21.15	21.12	21.24	21.28	21.08		
5	64QAM	25	0	21.18	21.10	21.20	21.07	21.01		
5	256QAM	1	0	19.28	19.23	19.40	19.29	19.31	20.5	4
5	256QAM	1	12	19.22	19.21	19.36	19.24	19.01		
5	256QAM	1	24	19.12	19.32	19.15	19.28	19.04		
5	256QAM	12	0	19.19	18.97	19.36	19.10	19.17	20.5	4
5	256QAM	12	7	19.06	19.26	19.26	19.29	19.16		
5	256QAM	12	13	19.12	19.20	19.18	19.26	19.01		
5	256QAM	25	0	19.32	19.09	19.29	19.19	19.07		

GSM1900 Ant4 DSI5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.59	26.81	26.64	27.50	17.59	17.81	17.64	18.50
GPRS 1 Tx slot	26.51	26.73	26.59	27.50	17.51	17.73	17.59	18.50
GPRS 2 Tx slots	22.85	22.93	22.81	24.50	16.85	16.93	16.81	18.50
GPRS 3 Tx slots	20.54	20.56	20.53	21.50	16.28	16.30	16.27	17.24
GPRS 4 Tx slots	18.87	18.83	18.73	20.50	15.87	15.83	15.73	17.50
EDGE 1 Tx slot	25.18	25.59	25.25	26.50	16.18	16.59	16.25	17.50
EDGE 2 Tx slots	21.97	22.08	22.22	23.00	15.97	16.08	16.22	17.00
EDGE 3 Tx slots	20.22	20.64	20.39	21.50	15.96	16.38	16.13	17.24
EDGE 4 Tx slots	18.71	18.97	18.92	20.50	15.71	15.97	15.92	17.50

WCDMA II Ant4 DSI5 / WCDMA IV Ant4 DSI5

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	14.69	14.82	14.67	16.00	14.71	14.83	14.76	16.00
3GPP Rel 99	RMC 12.2Kbps	14.86	14.91	14.74	16.00	14.79	14.92	14.81	16.00
3GPP Rel 6	HSDPA Subtest-1	14.17	14.10	13.94	15.00	13.97	14.13	13.90	15.00
3GPP Rel 6	HSDPA Subtest-2	14.15	14.13	13.95	15.00	13.99	14.06	13.88	15.00
3GPP Rel 6	HSDPA Subtest-3	13.65	13.65	13.44	14.50	13.53	13.58	13.34	14.50
3GPP Rel 6	HSDPA Subtest-4	13.64	13.62	13.45	14.50	13.49	13.59	13.43	14.50
3GPP Rel 8	DC-HSDPA Subtest-1	14.19	14.17	13.88	15.00	14.03	14.11	13.92	15.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.05	14.02	13.89	15.00	14.07	14.02	13.82	15.00
3GPP Rel 8	DC-HSDPA Subtest-3	13.60	13.69	13.44	14.50	13.62	13.55	13.22	14.50
3GPP Rel 8	DC-HSDPA Subtest-4	13.59	13.50	13.53	14.50	13.55	13.61	13.34	14.50
3GPP Rel 6	HSUPA Subtest-1	14.26	14.08	13.99	15.00	14.01	14.10	13.89	15.00
3GPP Rel 6	HSUPA Subtest-2	12.07	12.20	12.04	13.00	12.05	12.17	12.01	13.00
3GPP Rel 6	HSUPA Subtest-3	13.20	13.16	12.85	14.00	13.03	13.02	12.82	14.00
3GPP Rel 6	HSUPA Subtest-4	12.10	12.14	11.88	13.00	11.92	12.13	11.99	13.00
3GPP Rel 6	HSUPA Subtest-5	14.21	14.06	13.94	15.00	13.90	14.17	13.95	15.00

Band 2 Ant4 DSI5

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	16.25	16.33	16.20	17.5	0
20	QPSK	1	49	16.31	16.27	16.17		
20	QPSK	1	99	16.13	16.20	16.14		
20	QPSK	50	0	16.23	16.31	16.27	17.5	0
20	QPSK	50	24	16.24	16.29	16.26		
20	QPSK	50	50	16.13	16.23	16.21		
20	QPSK	100	0	16.18	16.26	16.23		
20	16QAM	1	0	16.19	16.07	16.09	17.5	0
20	16QAM	1	49	16.22	16.11	16.14		
20	16QAM	1	99	16.16	16.12	16.25		
20	16QAM	50	0	16.27	16.32	16.27	17.5	0
20	16QAM	50	24	16.21	16.28	16.28		
20	16QAM	50	50	16.23	16.19	16.15		
20	16QAM	100	0	16.19	16.28	16.26		
20	64QAM	1	0	16.15	16.07	16.32	17.5	0
20	64QAM	1	49	16.16	16.04	16.18		
20	64QAM	1	99	16.20	16.26	16.15		
20	64QAM	50	0	16.07	16.31	16.28	17.5	0
20	64QAM	50	24	16.16	16.28	16.24		
20	64QAM	50	50	16.06	16.21	16.20		
20	64QAM	100	0	16.24	16.27	16.23		
20	256QAM	1	0	16.15	16.28	16.10	17.5	0
20	256QAM	1	49	16.28	16.20	15.99		
20	256QAM	1	99	16.12	16.14	16.03		
20	256QAM	50	0	16.10	16.19	16.28	17.5	0
20	256QAM	50	24	16.09	16.22	16.16		
20	256QAM	50	50	16.10	16.20	16.17		
20	256QAM	100	0	16.03	16.15	16.14		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	16.20	16.17	16.20	17.5	0
15	QPSK	1	37	16.23	16.25	16.03		
15	QPSK	1	74	15.98	16.19	16.03		
15	QPSK	36	0	16.08	16.12	16.25	17.5	0
15	QPSK	36	20	16.12	16.27	16.07		
15	QPSK	36	39	15.94	16.04	16.15		
15	QPSK	75	0	16.10	16.09	16.09		
15	16QAM	1	0	16.19	15.86	16.03	17.5	0
15	16QAM	1	37	16.01	16.08	15.99		
15	16QAM	1	74	16.06	16.04	16.14		
15	16QAM	36	0	16.14	16.20	16.11	17.5	0
15	16QAM	36	20	16.17	16.25	16.16		
15	16QAM	36	39	16.10	16.08	16.09		
15	16QAM	75	0	16.10	16.10	16.06		
15	64QAM	1	0	16.14	16.02	16.11	17.5	0
15	64QAM	1	37	15.96	15.99	16.00		
15	64QAM	1	74	16.14	16.06	16.00		
15	64QAM	36	0	16.06	16.11	16.24	17.5	0
15	64QAM	36	20	15.95	16.20	16.18		
15	64QAM	36	39	15.94	16.15	16.00		
15	64QAM	75	0	16.10	16.09	16.08		
15	256QAM	1	0	16.06	16.15	15.94	17.5	0
15	256QAM	1	37	16.12	16.11	15.91		
15	256QAM	1	74	15.91	16.02	15.90		
15	256QAM	36	0	15.91	16.13	16.20	17.5	0
15	256QAM	36	20	15.89	16.08	16.15		
15	256QAM	36	39	15.90	16.00	16.08		
15	256QAM	75	0	15.86	16.01	16.13		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	16.14	16.18	16.03	17.5	0
10	QPSK	1	25	16.12	16.27	16.16		
10	QPSK	1	49	16.11	16.01	16.14		
10	QPSK	25	0	16.17	16.30	16.10	17.5	0
10	QPSK	25	12	16.10	16.21	16.19		
10	QPSK	25	25	16.08	16.22	16.23		
10	QPSK	50	0	16.04	16.23	16.02		
10	16QAM	1	0	16.08	15.88	16.05	17.5	0
10	16QAM	1	25	16.02	15.93	15.94		
10	16QAM	1	49	16.12	16.11	16.07		
10	16QAM	25	0	16.13	16.31	16.16	17.5	0
10	16QAM	25	12	16.06	16.15	16.20		
10	16QAM	25	25	16.03	16.20	16.11		
10	16QAM	50	0	16.04	16.14	16.18		
10	64QAM	1	0	16.00	16.00	16.25	17.5	0
10	64QAM	1	25	16.12	16.04	16.14		
10	64QAM	1	49	16.01	16.28	15.97		
10	64QAM	25	0	15.91	16.09	16.08	17.5	0
10	64QAM	25	12	16.14	16.27	16.12		
10	64QAM	25	25	16.05	16.06	16.01		
10	64QAM	50	0	16.16	16.15	16.06		
10	256QAM	1	0	16.08	16.19	16.08	17.5	0
10	256QAM	1	25	16.28	16.13	15.90		
10	256QAM	1	49	15.93	16.12	15.89		
10	256QAM	25	0	15.90	16.09	16.21	17.5	0
10	256QAM	25	12	16.05	16.21	16.06		
10	256QAM	25	25	15.95	16.15	15.99		
10	256QAM	50	0	15.97	16.08	16.10		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	16.17	16.09	15.96	17.5	0
5	QPSK	1	12	16.21	16.18	16.05		
5	QPSK	1	24	15.90	15.98	15.93		
5	QPSK	12	0	16.18	16.18	16.15	17.5	0
5	QPSK	12	7	16.00	16.12	16.23		
5	QPSK	12	13	15.99	16.04	15.95		
5	QPSK	25	0	16.03	16.07	15.98		
5	16QAM	1	0	16.06	15.82	15.87	17.5	0
5	16QAM	1	12	16.04	16.05	16.03		
5	16QAM	1	24	15.93	15.86	16.15		
5	16QAM	12	0	16.07	16.07	16.14	17.5	0
5	16QAM	12	7	16.00	16.23	16.25		
5	16QAM	12	13	15.97	16.01	16.12		
5	16QAM	25	0	15.94	16.11	16.19		
5	64QAM	1	0	16.01	15.87	16.15	17.5	0
5	64QAM	1	12	15.95	16.01	15.95		
5	64QAM	1	24	16.13	16.17	16.09		
5	64QAM	12	0	16.04	16.25	16.19	17.5	0
5	64QAM	12	7	15.93	16.20	16.04		
5	64QAM	12	13	15.93	15.97	16.16		
5	64QAM	25	0	16.04	16.16	16.13		
5	256QAM	1	0	16.05	16.03	15.98	17.5	0
5	256QAM	1	12	16.16	15.96	15.82		
5	256QAM	1	24	15.99	15.96	15.87		
5	256QAM	12	0	15.91	15.92	16.03	17.5	0
5	256QAM	12	7	16.04	15.96	16.10		
5	256QAM	12	13	15.95	16.09	16.05		
5	256QAM	25	0	15.79	15.89	15.89		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	16.12	16.14	16.12	17.5	0
3	QPSK	1	8	16.18	16.12	16.11		
3	QPSK	1	14	15.89	16.08	15.94		
3	QPSK	8	0	16.17	16.08	16.09	17.5	0
3	QPSK	8	4	16.18	16.06	16.18		
3	QPSK	8	7	15.89	16.16	16.09		
3	QPSK	15	0	15.96	16.23	16.07		
3	16QAM	1	0	16.01	15.97	15.97	17.5	0
3	16QAM	1	8	16.09	15.90	15.99		
3	16QAM	1	14	16.08	16.00	16.12		
3	16QAM	8	0	16.04	16.07	16.02	17.5	0
3	16QAM	8	4	16.12	16.14	16.18		
3	16QAM	8	7	16.10	16.07	15.92		
3	16QAM	15	0	16.03	16.02	16.21		
3	64QAM	1	0	16.07	16.01	16.23	17.5	0
3	64QAM	1	8	15.92	15.96	15.97		
3	64QAM	1	14	16.04	16.23	16.10		
3	64QAM	8	0	15.98	16.21	16.02	17.5	0
3	64QAM	8	4	16.02	16.12	16.20		
3	64QAM	8	7	15.83	16.01	16.12		
3	64QAM	15	0	16.05	16.15	15.99		
3	256QAM	1	0	15.90	16.07	16.01	17.5	0
3	256QAM	1	8	16.21	15.96	15.86		
3	256QAM	1	14	16.00	16.07	15.91		
3	256QAM	8	0	16.03	16.07	16.07	17.5	0
3	256QAM	8	4	15.88	16.16	15.94		
3	256QAM	8	7	15.97	16.05	16.07		
3	256QAM	15	0	15.96	15.98	16.01		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	16.00	16.09	16.08	17.5	0
1.4	QPSK	1	3	16.11	16.18	15.89		
1.4	QPSK	1	5	15.87	15.96	15.92		
1.4	QPSK	3	0	16.05	16.10	16.03		
1.4	QPSK	3	1	16.00	15.99	16.15		
1.4	QPSK	3	3	15.87	15.97	16.11		
1.4	QPSK	6	0	15.91	16.15	16.10	17.5	0
1.4	16QAM	1	0	16.00	15.98	15.96	17.5	0
1.4	16QAM	1	3	16.02	15.79	15.97		
1.4	16QAM	1	5	16.04	15.91	15.94		
1.4	16QAM	3	0	16.09	16.20	15.98		
1.4	16QAM	3	1	16.06	16.18	16.06		
1.4	16QAM	3	3	16.03	16.00	16.05		
1.4	16QAM	6	0	16.00	15.97	16.11	17.5	0
1.4	64QAM	1	0	15.85	15.93	16.07	17.5	0
1.4	64QAM	1	3	15.88	15.95	15.95		
1.4	64QAM	1	5	15.99	16.16	15.97		
1.4	64QAM	3	0	15.86	16.15	16.01		
1.4	64QAM	3	1	15.93	16.11	16.09		
1.4	64QAM	3	3	15.87	16.12	15.91		
1.4	64QAM	6	0	16.10	16.07	16.12	17.5	0
1.4	256QAM	1	0	16.00	16.00	15.92	17.5	0
1.4	256QAM	1	3	16.04	15.97	15.70		
1.4	256QAM	1	5	16.03	15.93	15.94		
1.4	256QAM	3	0	15.87	16.06	16.01		
1.4	256QAM	3	1	15.91	16.05	15.92		
1.4	256QAM	3	3	15.94	16.04	16.06		
1.4	256QAM	6	0	15.88	15.85	16.02	17.5	0

Band 4 Ant4 DSI5

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	16.09	16.27	16.21	17.5	0
20	QPSK	1	49	16.24	16.23	16.13		
20	QPSK	1	99	16.10	16.05	15.94		
20	QPSK	50	0	16.19	16.23	16.21	17.5	0
20	QPSK	50	24	16.21	16.17	16.21		
20	QPSK	50	50	16.19	16.14	16.09		
20	QPSK	100	0	16.15	16.20	16.16		
20	16QAM	1	0	16.13	15.97	16.10	17.5	0
20	16QAM	1	49	16.07	16.17	16.16		
20	16QAM	1	99	16.08	16.04	16.23		
20	16QAM	50	0	16.19	16.06	16.19	17.5	0
20	16QAM	50	24	16.03	16.09	16.24		
20	16QAM	50	50	16.20	16.22	16.11		
20	16QAM	100	0	16.26	16.22	16.20		
20	64QAM	1	0	16.17	15.96	15.99	17.5	0
20	64QAM	1	49	15.88	15.93	16.04		
20	64QAM	1	99	16.10	16.17	16.06		
20	64QAM	50	0	16.18	16.08	16.18	17.5	0
20	64QAM	50	24	16.16	16.14	16.22		
20	64QAM	50	50	16.24	16.18	16.11		
20	64QAM	100	0	16.25	16.07	16.19		
20	256QAM	1	0	16.07	16.16	16.11	17.5	0
20	256QAM	1	49	16.18	16.05	16.13		
20	256QAM	1	99	15.95	15.99	15.96		
20	256QAM	50	0	16.19	16.10	16.15	17.5	0
20	256QAM	50	24	16.05	16.05	16.09		
20	256QAM	50	50	16.05	15.93	16.05		
20	256QAM	100	0	16.07	16.15	16.17		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.92	16.07	16.11	17.5	0
15	QPSK	1	37	16.06	16.12	15.92		
15	QPSK	1	74	16.01	16.04	15.81		
15	QPSK	36	0	16.04	16.05	16.14	17.5	0
15	QPSK	36	20	16.11	16.15	16.20		
15	QPSK	36	39	16.03	16.03	15.94		
15	QPSK	75	0	16.08	16.19	15.97		
15	16QAM	1	0	16.07	15.90	16.03	17.5	0
15	16QAM	1	37	15.86	16.06	16.17		
15	16QAM	1	74	16.10	15.98	16.09		
15	16QAM	36	0	16.19	15.89	16.05	17.5	0
15	16QAM	36	20	16.00	16.04	16.19		
15	16QAM	36	39	15.99	16.02	16.07		
15	16QAM	75	0	16.16	16.06	16.18		
15	64QAM	1	0	16.00	15.78	15.90	17.5	0
15	64QAM	1	37	15.76	15.92	16.05		
15	64QAM	1	74	16.04	16.14	15.93		
15	64QAM	36	0	16.14	15.97	16.03	17.5	0
15	64QAM	36	20	16.17	16.08	16.01		
15	64QAM	36	39	16.16	15.96	15.97		
15	64QAM	75	0	16.13	15.97	16.20		
15	256QAM	1	0	16.05	16.07	15.92	17.5	0
15	256QAM	1	37	16.07	15.97	16.02		
15	256QAM	1	74	15.76	15.84	15.77		
15	256QAM	36	0	16.11	16.00	16.12	17.5	0
15	256QAM	36	20	15.89	15.91	15.91		
15	256QAM	36	39	15.88	15.81	15.91		
15	256QAM	75	0	15.99	16.13	16.10		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.96	16.19	16.05	17.5	0
10	QPSK	1	25	16.05	16.01	15.93		
10	QPSK	1	49	16.08	15.94	15.80		
10	QPSK	25	0	16.18	16.02	16.16	17.5	0
10	QPSK	25	12	16.02	16.08	16.10		
10	QPSK	25	25	16.04	16.05	15.98		
10	QPSK	50	0	15.98	16.17	15.98		
10	16QAM	1	0	15.93	15.82	15.90	17.5	0
10	16QAM	1	25	16.00	16.03	15.97		
10	16QAM	1	49	16.03	15.91	16.20		
10	16QAM	25	0	16.00	15.94	16.13	17.5	0
10	16QAM	25	12	15.91	15.91	16.24		
10	16QAM	25	25	16.22	16.10	15.92		
10	16QAM	50	0	16.21	16.07	16.17		
10	64QAM	1	0	16.07	15.90	15.94	17.5	0
10	64QAM	1	25	15.85	15.90	15.96		
10	64QAM	1	49	15.95	16.17	16.01		
10	64QAM	25	0	16.09	15.95	16.02	17.5	0
10	64QAM	25	12	16.08	16.08	16.05		
10	64QAM	25	25	16.16	16.10	15.91		
10	64QAM	50	0	16.06	15.95	16.17		
10	256QAM	1	0	15.86	15.96	16.05	17.5	0
10	256QAM	1	25	15.99	15.96	16.03		
10	256QAM	1	49	15.74	15.82	15.82		
10	256QAM	25	0	16.18	16.11	16.15	17.5	0
10	256QAM	25	12	15.89	16.07	15.91		
10	256QAM	25	25	15.94	15.89	15.91		
10	256QAM	50	0	16.02	16.11	16.05		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.88	16.12	16.05	17.5	0
5	QPSK	1	12	16.11	16.17	15.89		
5	QPSK	1	24	15.98	15.83	15.87		
5	QPSK	12	0	16.11	16.13	16.08	17.5	0
5	QPSK	12	7	16.01	15.98	16.04		
5	QPSK	12	13	15.97	16.04	16.01		
5	QPSK	25	0	15.96	16.11	16.11		
5	16QAM	1	0	15.92	15.90	15.89	17.5	0
5	16QAM	1	12	15.86	15.95	16.00		
5	16QAM	1	24	15.90	15.87	16.02		
5	16QAM	12	0	15.93	15.87	16.08	17.5	0
5	16QAM	12	7	15.81	16.00	16.11		
5	16QAM	12	13	16.00	16.18	16.06		
5	16QAM	25	0	16.02	16.12	16.13		
5	64QAM	1	0	15.98	15.83	15.93	17.5	0
5	64QAM	1	12	15.74	15.70	15.79		
5	64QAM	1	24	15.84	15.96	15.83		
5	64QAM	12	0	16.14	15.98	16.02	17.5	0
5	64QAM	12	7	16.01	16.10	15.99		
5	64QAM	12	13	16.03	16.11	16.04		
5	64QAM	25	0	15.99	15.85	16.12		
5	256QAM	1	0	15.84	16.03	15.94	17.5	0
5	256QAM	1	12	16.03	15.86	16.01		
5	256QAM	1	24	15.72	15.77	15.87		
5	256QAM	12	0	16.02	15.89	15.90	17.5	0
5	256QAM	12	7	15.99	15.79	15.89		
5	256QAM	12	13	15.82	15.77	15.78		
5	256QAM	25	0	15.88	15.94	15.93		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.89	16.14	16.14	17.5	0
3	QPSK	1	8	16.06	16.14	15.98		
3	QPSK	1	14	15.88	16.00	15.90		
3	QPSK	8	0	16.07	16.04	16.00	17.5	0
3	QPSK	8	4	16.17	16.08	15.95		
3	QPSK	8	7	16.12	16.00	16.04		
3	QPSK	15	0	16.06	15.99	15.90		
3	16QAM	1	0	16.01	15.92	15.85	17.5	0
3	16QAM	1	8	15.87	15.97	15.99		
3	16QAM	1	14	16.04	15.93	16.18		
3	16QAM	8	0	16.06	16.01	15.97	17.5	0
3	16QAM	8	4	15.90	15.92	16.17		
3	16QAM	8	7	16.02	16.15	15.99		
3	16QAM	15	0	16.09	15.99	16.17		
3	64QAM	1	0	16.08	15.75	15.72	17.5	0
3	64QAM	1	8	15.80	15.86	16.00		
3	64QAM	1	14	15.93	15.99	15.95		
3	64QAM	8	0	16.08	16.00	16.00	17.5	0
3	64QAM	8	4	15.91	15.98	16.00		
3	64QAM	8	7	16.20	15.95	15.87		
3	64QAM	15	0	16.13	15.97	15.98		
3	256QAM	1	0	15.86	16.02	15.84	17.5	0
3	256QAM	1	8	15.97	15.96	15.92		
3	256QAM	1	14	15.89	15.92	15.75		
3	256QAM	8	0	16.06	16.04	16.04	17.5	0
3	256QAM	8	4	15.87	15.82	15.86		
3	256QAM	8	7	16.02	15.89	15.82		
3	256QAM	15	0	15.94	16.03	16.11		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.90	16.00	16.10	17.5	0
1.4	QPSK	1	3	16.08	15.98	16.03		
1.4	QPSK	1	5	15.88	15.75	15.73		
1.4	QPSK	3	0	16.06	16.00	15.94		
1.4	QPSK	3	1	15.99	16.07	15.97		
1.4	QPSK	3	3	15.90	16.00	15.97		
1.4	QPSK	6	0	16.06	16.12	15.92	17.5	0
1.4	16QAM	1	0	16.02	15.86	16.00	17.5	0
1.4	16QAM	1	3	15.98	15.91	15.96		
1.4	16QAM	1	5	15.93	15.90	16.13		
1.4	16QAM	3	0	15.88	15.92	16.10		
1.4	16QAM	3	1	15.75	15.81	16.02		
1.4	16QAM	3	3	15.90	15.95	15.79		
1.4	16QAM	6	0	16.11	15.95	16.08	17.5	0
1.4	64QAM	1	0	15.95	15.72	15.74	17.5	0
1.4	64QAM	1	3	15.79	15.71	15.76		
1.4	64QAM	1	5	15.92	15.96	15.94		
1.4	64QAM	3	0	15.94	15.78	16.01		
1.4	64QAM	3	1	16.07	15.89	15.99		
1.4	64QAM	3	3	16.05	16.00	16.03		
1.4	64QAM	6	0	16.03	15.93	16.04	17.5	0
1.4	256QAM	1	0	15.92	15.94	16.01	17.5	0
1.4	256QAM	1	3	16.01	15.91	15.99		
1.4	256QAM	1	5	15.70	15.83	15.73		
1.4	256QAM	3	0	15.94	15.84	15.92		
1.4	256QAM	3	1	15.84	15.94	15.98		
1.4	256QAM	3	3	15.76	15.83	15.76		
1.4	256QAM	6	0	15.78	15.87	16.04	17.5	0

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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	17.73	17.80	17.66	18.5	0
20	QPSK	1	49	17.72	17.78	17.61		
20	QPSK	1	99	17.73	17.79	17.74		
20	QPSK	50	0	17.70	17.77	17.62	18.5	0
20	QPSK	50	24	17.63	17.67	17.73		
20	QPSK	50	50	17.68	17.72	17.75		
20	QPSK	100	0	17.64	17.71	17.69		
20	16QAM	1	0	17.62	17.65	17.64	18.5	0
20	16QAM	1	49	17.71	17.56	17.63		
20	16QAM	1	99	17.60	17.61	17.73		
20	16QAM	50	0	17.72	17.61	17.54	18.5	0
20	16QAM	50	24	17.63	17.74	17.63		
20	16QAM	50	50	17.61	17.76	17.67		
20	16QAM	100	0	17.62	17.79	17.57		
20	64QAM	1	0	17.79	17.74	17.54	18.5	0
20	64QAM	1	49	17.67	17.75	17.62		
20	64QAM	1	99	17.77	17.63	17.73		
20	64QAM	50	0	17.70	17.63	17.78	18.5	0
20	64QAM	50	24	17.60	17.58	17.64		
20	64QAM	50	50	17.65	17.63	17.72		
20	64QAM	100	0	17.66	17.68	17.59		
20	256QAM	1	0	17.74	17.77	17.63	18.5	0
20	256QAM	1	49	17.65	17.76	17.49		
20	256QAM	1	99	17.53	17.72	17.75		
20	256QAM	50	0	17.69	17.66	17.52	18.5	0
20	256QAM	50	24	17.59	17.46	17.54		
20	256QAM	50	50	17.69	17.54	17.68		
20	256QAM	100	0	17.57	17.54	17.53		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.66	17.78	17.48	18.5	0
15	QPSK	1	37	17.72	17.77	17.58		
15	QPSK	1	74	17.57	17.73	17.57		
15	QPSK	36	0	17.59	17.74	17.47	18.5	0
15	QPSK	36	20	17.49	17.69	17.72		
15	QPSK	36	39	17.54	17.74	17.72		
15	QPSK	75	0	17.59	17.63	17.57		
15	16QAM	1	0	17.45	17.63	17.63	18.5	0
15	16QAM	1	37	17.50	17.54	17.52		
15	16QAM	1	74	17.45	17.52	17.56		
15	16QAM	36	0	17.51	17.43	17.46	18.5	0
15	16QAM	36	20	17.58	17.66	17.62		
15	16QAM	36	39	17.52	17.65	17.45		
15	16QAM	75	0	17.49	17.60	17.51		
15	64QAM	1	0	17.60	17.71	17.43	18.5	0
15	64QAM	1	37	17.46	17.54	17.61		
15	64QAM	1	74	17.56	17.63	17.65		
15	64QAM	36	0	17.63	17.53	17.66	18.5	0
15	64QAM	36	20	17.38	17.55	17.43		
15	64QAM	36	39	17.65	17.59	17.73		
15	64QAM	75	0	17.54	17.55	17.51		
15	256QAM	1	0	17.58	17.77	17.47	18.5	0
15	256QAM	1	37	17.61	17.56	17.43		
15	256QAM	1	74	17.40	17.73	17.72		
15	256QAM	36	0	17.56	17.46	17.37	18.5	0
15	256QAM	36	20	17.54	17.37	17.38		
15	256QAM	36	39	17.57	17.34	17.58		
15	256QAM	75	0	17.48	17.56	17.47		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.61	17.66	17.60	18.5	0
10	QPSK	1	25	17.55	17.76	17.58		
10	QPSK	1	49	17.65	17.62	17.54		
10	QPSK	25	0	17.63	17.76	17.63	18.5	0
10	QPSK	25	12	17.51	17.47	17.68		
10	QPSK	25	25	17.52	17.57	17.61		
10	QPSK	50	0	17.65	17.51	17.50		
10	16QAM	1	0	17.43	17.66	17.51	18.5	0
10	16QAM	1	25	17.50	17.56	17.56		
10	16QAM	1	49	17.56	17.47	17.58		
10	16QAM	25	0	17.73	17.42	17.50	18.5	0
10	16QAM	25	12	17.44	17.73	17.48		
10	16QAM	25	25	17.62	17.68	17.59		
10	16QAM	50	0	17.59	17.63	17.44		
10	64QAM	1	0	17.77	17.62	17.40	18.5	0
10	64QAM	1	25	17.56	17.57	17.55		
10	64QAM	1	49	17.71	17.62	17.55		
10	64QAM	25	0	17.60	17.53	17.61	18.5	0
10	64QAM	25	12	17.56	17.52	17.57		
10	64QAM	25	25	17.64	17.54	17.54		
10	64QAM	50	0	17.64	17.65	17.55		
10	256QAM	1	0	17.57	17.61	17.52	18.5	0
10	256QAM	1	25	17.57	17.58	17.46		
10	256QAM	1	49	17.54	17.52	17.58		
10	256QAM	25	0	17.57	17.63	17.52	18.5	0
10	256QAM	25	12	17.55	17.32	17.49		
10	256QAM	25	25	17.60	17.44	17.66		
10	256QAM	50	0	17.57	17.45	17.52		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.63	17.51	17.39	18.5	0
5	QPSK	1	12	17.53	17.50	17.42		
5	QPSK	1	24	17.57	17.64	17.52		
5	QPSK	12	0	17.45	17.57	17.46	18.5	0
5	QPSK	12	7	17.31	17.54	17.46		
5	QPSK	12	13	17.50	17.51	17.43		
5	QPSK	25	0	17.56	17.61	17.48		
5	16QAM	1	0	17.50	17.33	17.42	18.5	0
5	16QAM	1	12	17.51	17.44	17.49		
5	16QAM	1	24	17.51	17.38	17.62		
5	16QAM	12	0	17.59	17.32	17.26	18.5	0
5	16QAM	12	7	17.52	17.61	17.54		
5	16QAM	12	13	17.38	17.50	17.50		
5	16QAM	25	0	17.40	17.55	17.39		
5	64QAM	1	0	17.64	17.61	17.45	18.5	0
5	64QAM	1	12	17.37	17.62	17.43		
5	64QAM	1	24	17.50	17.54	17.57		
5	64QAM	12	0	17.45	17.31	17.54	18.5	0
5	64QAM	12	7	17.32	17.45	17.53		
5	64QAM	12	13	17.42	17.37	17.55		
5	64QAM	25	0	17.50	17.41	17.32		
5	256QAM	1	0	17.58	17.62	17.55	18.5	0
5	256QAM	1	12	17.46	17.44	17.28		
5	256QAM	1	24	17.37	17.44	17.50		
5	256QAM	12	0	17.58	17.50	17.30	18.5	0
5	256QAM	12	7	17.31	17.28	17.23		
5	256QAM	12	13	17.55	17.27	17.48		
5	256QAM	25	0	17.41	17.24	17.41		

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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				26140	26340	26590		
Frequency (MHz)				1860	1880	1905		
20	QPSK	1	0	17.44	17.54	17.30	18.5	0
20	QPSK	1	49	17.48	17.40	17.32		
20	QPSK	1	99	17.35	17.34	17.24		
20	QPSK	50	0	17.44	17.50	17.45	18.5	0
20	QPSK	50	24	17.45	17.37	17.48		
20	QPSK	50	50	17.26	17.33	17.35		
20	QPSK	100	0	17.29	17.41	17.37		
20	16QAM	1	0	17.41	17.23	17.29	18.5	0
20	16QAM	1	49	17.30	17.29	17.28		
20	16QAM	1	99	17.33	17.21	17.42		
20	16QAM	50	0	17.39	17.51	17.45	18.5	0
20	16QAM	50	24	17.30	17.46	17.44		
20	16QAM	50	50	17.32	17.34	17.30		
20	16QAM	100	0	17.32	17.40	17.42		
20	64QAM	1	0	17.30	17.24	17.46	18.5	0
20	64QAM	1	49	17.32	17.14	17.30		
20	64QAM	1	99	17.33	17.49	17.28		
20	64QAM	50	0	17.22	17.45	17.44	18.5	0
20	64QAM	50	24	17.36	17.44	17.34		
20	64QAM	50	50	17.24	17.31	17.30		
20	64QAM	100	0	17.46	17.46	17.38		
20	256QAM	1	0	17.32	17.40	17.20	18.5	0
20	256QAM	1	49	17.41	17.40	17.15		
20	256QAM	1	99	17.33	17.29	17.22		
20	256QAM	50	0	17.28	17.38	17.44	18.5	0
20	256QAM	50	24	17.24	17.36	17.36		
20	256QAM	50	50	17.26	17.30	17.28		
20	256QAM	100	0	17.26	17.31	17.34		
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	17.40	17.38	17.41	18.5	0
15	QPSK	1	37	17.42	17.48	17.28		
15	QPSK	1	74	17.30	17.36	17.32		
15	QPSK	36	0	17.45	17.43	17.42	18.5	0
15	QPSK	36	20	17.39	17.40	17.47		
15	QPSK	36	39	17.34	17.36	17.35		
15	QPSK	75	0	17.26	17.47	17.40		
15	16QAM	1	0	17.34	17.23	17.30	18.5	0
15	16QAM	1	37	17.39	17.30	17.35		
15	16QAM	1	74	17.29	17.34	17.43		
15	16QAM	36	0	17.49	17.50	17.44	18.5	0
15	16QAM	36	20	17.40	17.51	17.44		
15	16QAM	36	39	17.32	17.33	17.29		
15	16QAM	75	0	17.39	17.45	17.38		
15	64QAM	1	0	17.35	17.19	17.48	18.5	0
15	64QAM	1	37	17.32	17.23	17.36		
15	64QAM	1	74	17.35	17.40	17.27		
15	64QAM	36	0	17.19	17.44	17.43	18.5	0
15	64QAM	36	20	17.34	17.40	17.43		
15	64QAM	36	39	17.14	17.34	17.34		
15	64QAM	75	0	17.43	17.50	17.46		
15	256QAM	1	0	17.27	17.42	17.29	18.5	0
15	256QAM	1	37	17.48	17.37	17.22		
15	256QAM	1	74	17.22	17.37	17.19		
15	256QAM	36	0	17.24	17.40	17.45	18.5	0
15	256QAM	36	20	17.22	17.39	17.26		
15	256QAM	36	39	17.31	17.42	17.26		
15	256QAM	75	0	17.18	17.32	17.25		
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.35	17.51	17.32	18.5	0
10	QPSK	1	25	17.41	17.45	17.34		
10	QPSK	1	49	17.27	17.41	17.24		
10	QPSK	25	0	17.45	17.52	17.46	18.5	0
10	QPSK	25	12	17.37	17.51	17.34		
10	QPSK	25	25	17.32	17.38	17.38		
10	QPSK	50	0	17.41	17.38	17.34		
10	16QAM	1	0	17.42	17.24	17.31	18.5	0
10	16QAM	1	25	17.42	17.31	17.37		
10	16QAM	1	49	17.38	17.21	17.34		
10	16QAM	25	0	17.40	17.51	17.49	18.5	0
10	16QAM	25	12	17.38	17.50	17.45		
10	16QAM	25	25	17.32	17.39	17.36		
10	16QAM	50	0	17.39	17.39	17.45		
10	64QAM	1	0	17.27	17.28	17.47	18.5	0
10	64QAM	1	25	17.38	17.14	17.28		
10	64QAM	1	49	17.35	17.40	17.31		
10	64QAM	25	0	17.21	17.44	17.42	18.5	0
10	64QAM	25	12	17.31	17.47	17.33		
10	64QAM	25	25	17.20	17.42	17.39		
10	64QAM	50	0	17.41	17.40	17.35		
10	256QAM	1	0	17.31	17.45	17.31	18.5	0
10	256QAM	1	25	17.38	17.32	17.17		
10	256QAM	1	49	17.23	17.35	17.22		
10	256QAM	25	0	17.20	17.35	17.39	18.5	0
10	256QAM	25	12	17.21	17.37	17.34		
10	256QAM	25	25	17.29	17.38	17.25		
10	256QAM	50	0	17.23	17.23	17.33		
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1912.5		
5	QPSK	1	0	17.34	17.45	17.29	18.5	0
5	QPSK	1	12	17.51	17.38	17.36		
5	QPSK	1	24	17.21	17.43	17.33		
5	QPSK	12	0	17.41	17.46	17.48	18.5	0
5	QPSK	12	7	17.46	17.42	17.34		
5	QPSK	12	13	17.22	17.42	17.43		
5	QPSK	25	0	17.38	17.44	17.43		
5	16QAM	1	0	17.31	17.24	17.32	18.5	0
5	16QAM	1	12	17.36	17.25	17.33		
5	16QAM	1	24	17.25	17.31	17.42		
5	16QAM	12	0	17.39	17.41	17.43	18.5	0
5	16QAM	12	7	17.37	17.38	17.43		
5	16QAM	12	13	17.44	17.35	17.32		
5	16QAM	25	0	17.35	17.51	17.37		
5	64QAM	1	0	17.26	17.27	17.43	18.5	0
5	64QAM	1	12	17.37	17.16	17.37		
5	64QAM	1	24	17.36	17.42	17.30		
5	64QAM	12	0	17.23	17.44	17.46	18.5	0
5	64QAM	12	7	17.28	17.47	17.35		
5	64QAM	12	13	17.28	17.30	17.38		
5	64QAM	25	0	17.45	17.38	17.44		
5	256QAM	1	0	17.33	17.47	17.27	18.5	0
5	256QAM	1	12	17.48	17.40	17.15		
5	256QAM	1	24	17.22	17.27	17.18		
5	256QAM	12	0	17.27	17.35	17.51	18.5	0
5	256QAM	12	7	17.29	17.31	17.38		
5	256QAM	12	13	17.24	17.31	17.33		
5	256QAM	25	0	17.11	17.34	17.32		
Channel				26035	26340	26615	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1913.5		
3	QPSK	1	0	17.45	17.50	17.40	18.5	0
3	QPSK	1	8	17.46	17.40	17.33		
3	QPSK	1	14	17.31	17.35	17.35		
3	QPSK	8	0	17.35	17.52	17.47	18.5	0
3	QPSK	8	4	17.37	17.39	17.39		
3	QPSK	8	7	17.30	17.43	17.40		
3	QPSK	15	0	17.33	17.44	17.36		
3	16QAM	1	0	17.38	17.17	17.19	18.5	0
3	16QAM	1	8	17.37	17.23	17.30		
3	16QAM	1	14	17.28	17.24	17.46		
3	16QAM	8	0	17.41	17.43	17.36	18.5	0
3	16QAM	8	4	17.36	17.40	17.50		
3	16QAM	8	7	17.37	17.27	17.33		
3	16QAM	15	0	17.38	17.48	17.43		
3	64QAM	1	0	17.33	17.19	17.49	18.5	0
3	64QAM	1	8	17.31	17.26	17.31		
3	64QAM	1	14	17.36	17.35	17.33		
3	64QAM	8	0	17.18	17.39	17.51	18.5	0
3	64QAM	8	4	17.30	17.37	17.45		
3	64QAM	8	7	17.27	17.38	17.33		
3	64QAM	15	0	17.33	17.49	17.45		
3	256QAM	1	0	17.32	17.48	17.29	18.5	0
3	256QAM	1	8	17.36	17.35	17.16		
3	256QAM	1	14	17.30	17.35	17.18		
3	256QAM	8	0	17.30	17.28	17.49	18.5	0
3	256QAM	8	4	17.22	17.43	17.28		
3	256QAM	8	7	17.29	17.37	17.40		
3	256QAM	15	0	17.16	17.23	17.30		
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1914.3		
1.4	QPSK	1	0	17.34	17.51	17.30	18.5	0
1.4	QPSK	1	3	17.44	17.40	17.32		
1.4	QPSK	1	5	17.34	17.42	17.33		
1.4	QPSK	3	0	17.39	17.49	17.37		
1.4	QPSK	3	1	17.43	17.44	17.36		
1.4	QPSK	3	3	17.36	17.33	17.37		
1.4	QPSK	6	0	17.33	17.37	17.34	18.5	0
1.4	16QAM	1	0	17.30	17.23	17.17	18.5	0
1.4	16QAM	1	3	17.40	17.26	17.23		
1.4	16QAM	1	5	17.28	17.31	17.46		
1.4	16QAM	3	0	17.46	17.42	17.40		
1.4	16QAM	3	1	17.29	17.37	17.37		
1.4	16QAM	3	3	17.35	17.33	17.36		
1.4	16QAM	6	0	17.29	17.36	17.43	18.5	0
1.4	64QAM	1	0	17.32	17.20	17.41	18.5	0
1.4	64QAM	1	3	17.37	17.26	17.36		
1.4	64QAM	1	5	17.30	17.40	17.28		
1.4	64QAM	3	0	17.24	17.52	17.43		
1.4	64QAM	3	1	17.24	17.51	17.46		
1.4	64QAM	3	3	17.18	17.31	17.38		
1.4	64QAM	6	0	17.45	17.47	17.41	18.5	0
1.4	256QAM	1	0	17.36	17.38	17.20	18.5	0
1.4	256QAM	1	3	17.50	17.42	17.19		
1.4	256QAM	1	5	17.26	17.23	17.13		
1.4	256QAM	3	0	17.32	17.36	17.36		
1.4	256QAM	3	1	17.27	17.37	17.38		
1.4	256QAM	3	3	17.31	17.41	17.30		
1.4	256QAM	6	0	17.21	17.28	17.29	18.5	0

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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	18.29	18.36	18.31	19.5	0
20	QPSK	1	49	18.33	18.21	18.27		
20	QPSK	1	99	18.18	18.25	18.17		
20	QPSK	50	0	18.26	18.32	18.23	19.5	0
20	QPSK	50	24	18.24	18.18	18.21		
20	QPSK	50	50	18.25	18.22	18.23		
20	QPSK	100	0	18.22	18.29	18.26		
20	16QAM	1	0	18.28	18.25	18.10	19.5	0
20	16QAM	1	49	18.00	18.34	18.35		
20	16QAM	1	99	18.22	18.01	18.29		
20	16QAM	50	0	18.25	18.27	18.26	19.5	0
20	16QAM	50	24	18.34	18.22	18.25		
20	16QAM	50	50	18.29	18.23	18.26		
20	16QAM	100	0	18.30	18.16	18.30		
20	64QAM	1	0	18.06	18.24	18.32	19.5	0
20	64QAM	1	49	18.12	18.04	17.99		
20	64QAM	1	99	18.24	18.30	18.28		
20	64QAM	50	0	18.25	18.26	18.25	19.5	0
20	64QAM	50	24	18.32	18.18	18.27		
20	64QAM	50	50	18.28	18.23	18.27		
20	64QAM	100	0	18.29	18.21	18.29		
20	256QAM	1	0	18.28	18.16	18.30	19.5	0
20	256QAM	1	49	18.30	18.11	18.16		
20	256QAM	1	99	18.15	18.15	18.10		
20	256QAM	50	0	18.16	18.17	18.21	19.5	0
20	256QAM	50	24	18.04	18.11	18.00		
20	256QAM	50	50	18.16	18.07	18.11		
20	256QAM	100	0	18.16	18.17	18.08		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.07	18.09	18.16	19.5	0
15	QPSK	1	37	18.09	17.86	18.01		
15	QPSK	1	74	18.05	18.06	17.95		
15	QPSK	36	0	18.06	18.03	17.93	19.5	0
15	QPSK	36	20	18.03	17.98	17.89		
15	QPSK	36	39	17.99	18.03	17.88		
15	QPSK	75	0	17.89	18.01	18.09		
15	16QAM	1	0	18.03	18.03	17.90	19.5	0
15	16QAM	1	37	17.78	17.97	18.04		
15	16QAM	1	74	17.98	17.79	18.08		
15	16QAM	36	0	17.90	18.05	18.11	19.5	0
15	16QAM	36	20	18.01	17.87	17.98		
15	16QAM	36	39	17.99	18.10	17.96		
15	16QAM	75	0	18.10	18.02	18.11		
15	64QAM	1	0	17.88	18.05	17.98	19.5	0
15	64QAM	1	37	17.98	17.80	17.73		
15	64QAM	1	74	17.88	18.11	18.04		
15	64QAM	36	0	18.06	17.97	18.07	19.5	0
15	64QAM	36	20	18.08	17.90	18.05		
15	64QAM	36	39	18.12	17.89	18.02		
15	64QAM	75	0	18.15	17.97	17.96		
15	256QAM	1	0	18.09	17.96	18.09	19.5	0
15	256QAM	1	37	18.08	17.80	17.92		
15	256QAM	1	74	17.92	17.96	17.97		
15	256QAM	36	0	17.87	18.01	17.87	19.5	0
15	256QAM	36	20	17.87	17.74	17.79		
15	256QAM	36	39	17.81	17.70	17.83		
15	256QAM	75	0	17.91	17.96	17.90		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.96	18.05	17.95	19.5	0
10	QPSK	1	25	18.05	17.91	18.03		
10	QPSK	1	49	17.98	17.99	17.91		
10	QPSK	25	0	17.97	18.00	18.09	19.5	0
10	QPSK	25	12	17.87	17.87	18.02		
10	QPSK	25	25	18.08	17.91	18.01		
10	QPSK	50	0	18.07	17.95	18.10		
10	16QAM	1	0	17.91	17.92	17.78	19.5	0
10	16QAM	1	25	17.82	17.98	18.13		
10	16QAM	1	49	17.91	17.79	18.12		
10	16QAM	25	0	17.90	18.03	17.97	19.5	0
10	16QAM	25	12	18.15	17.93	18.06		
10	16QAM	25	25	17.93	17.88	18.01		
10	16QAM	50	0	18.16	17.82	17.96		
10	64QAM	1	0	17.80	17.96	18.16	19.5	0
10	64QAM	1	25	17.86	17.78	17.78		
10	64QAM	1	49	17.91	17.95	18.14		
10	64QAM	25	0	18.09	18.00	18.03	19.5	0
10	64QAM	25	12	17.95	17.82	17.98		
10	64QAM	25	25	18.01	17.89	17.93		
10	64QAM	50	0	18.13	17.92	17.92		
10	256QAM	1	0	17.96	17.83	18.16	19.5	0
10	256QAM	1	25	18.07	17.84	17.90		
10	256QAM	1	49	17.99	17.97	17.92		
10	256QAM	25	0	17.80	17.94	17.95	19.5	0
10	256QAM	25	12	17.72	17.96	17.77		
10	256QAM	25	25	17.96	17.76	17.89		
10	256QAM	50	0	17.95	17.90	17.90		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.93	17.96	17.93	19.5	0
5	QPSK	1	12	18.00	17.80	18.05		
5	QPSK	1	24	17.80	17.96	17.93		
5	QPSK	12	0	17.87	18.13	17.99	19.5	0
5	QPSK	12	7	17.98	17.84	17.91		
5	QPSK	12	13	17.93	18.00	17.89		
5	QPSK	25	0	17.81	17.91	17.92		
5	16QAM	1	0	17.99	17.88	17.83	19.5	0
5	16QAM	1	12	17.78	17.96	17.95		
5	16QAM	1	24	17.83	17.71	17.96		
5	16QAM	12	0	17.93	17.86	17.99	19.5	0
5	16QAM	12	7	17.95	17.93	17.86		
5	16QAM	12	13	17.95	17.84	17.87		
5	16QAM	25	0	17.91	17.92	17.96		
5	64QAM	1	0	17.67	18.05	18.03	19.5	0
5	64QAM	1	12	17.87	17.79	17.66		
5	64QAM	1	24	18.02	17.90	18.02		
5	64QAM	12	0	17.95	17.85	18.01	19.5	0
5	64QAM	12	7	17.91	17.85	17.86		
5	64QAM	12	13	18.04	17.97	17.97		
5	64QAM	25	0	18.03	17.81	18.02		
5	256QAM	1	0	17.94	17.80	18.10	19.5	0
5	256QAM	1	12	17.98	17.89	17.88		
5	256QAM	1	24	17.82	17.95	17.73		
5	256QAM	12	0	17.75	17.92	17.95	19.5	0
5	256QAM	12	7	17.73	17.91	17.73		
5	256QAM	12	13	17.79	17.84	17.84		
5	256QAM	25	0	17.89	17.90	17.82		
Channel				131972	132322	132672	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.93	18.00	18.01	19.5	0
3	QPSK	1	8	18.11	17.97	17.86		
3	QPSK	1	14	17.98	17.92	17.76		
3	QPSK	8	0	17.96	18.12	17.98	19.5	0
3	QPSK	8	4	18.01	17.99	17.82		
3	QPSK	8	7	17.92	17.91	18.02		
3	QPSK	15	0	17.81	18.11	17.96		
3	16QAM	1	0	17.86	17.85	17.77	19.5	0
3	16QAM	1	8	17.72	18.07	18.11		
3	16QAM	1	14	18.01	17.66	18.07		
3	16QAM	8	0	17.97	17.93	18.01	19.5	0
3	16QAM	8	4	18.02	17.99	17.89		
3	16QAM	8	7	18.01	17.81	17.84		
3	16QAM	15	0	17.98	17.84	18.08		
3	64QAM	1	0	17.78	17.87	18.10	19.5	0
3	64QAM	1	8	17.93	17.79	17.74		
3	64QAM	1	14	17.92	18.04	17.98		
3	64QAM	8	0	17.99	18.04	18.05	19.5	0
3	64QAM	8	4	17.97	17.96	17.99		
3	64QAM	8	7	18.00	17.97	17.88		
3	64QAM	15	0	17.99	17.86	18.02		
3	256QAM	1	0	17.90	17.96	17.91	19.5	0
3	256QAM	1	8	18.07	17.90	17.93		
3	256QAM	1	14	17.96	17.78	17.83		
3	256QAM	8	0	17.80	17.94	18.03	19.5	0
3	256QAM	8	4	17.82	17.85	17.77		
3	256QAM	8	7	17.81	17.75	17.73		
3	256QAM	15	0	17.84	17.79	17.73		
Channel				131970	132322	132685	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.91	17.99	17.88	19.5	0
1.4	QPSK	1	3	17.88	17.89	17.84		
1.4	QPSK	1	5	17.75	17.85	17.82		
1.4	QPSK	3	0	17.99	17.98	17.95		
1.4	QPSK	3	1	17.86	17.71	17.89		
1.4	QPSK	3	3	17.89	17.89	17.84		
1.4	QPSK	6	0	17.80	18.02	17.82	19.5	0
1.4	16QAM	1	0	17.85	17.82	17.78	19.5	0
1.4	16QAM	1	3	17.73	17.96	17.94		
1.4	16QAM	1	5	17.96	17.70	17.84		
1.4	16QAM	3	0	17.91	18.02	17.89		
1.4	16QAM	3	1	18.02	17.83	17.79		
1.4	16QAM	3	3	17.83	17.99	17.80		
1.4	16QAM	6	0	17.96	17.76	18.04	19.5	0
1.4	64QAM	1	0	17.74	17.88	17.99	19.5	0
1.4	64QAM	1	3	17.71	17.58	17.74		
1.4	64QAM	1	5	17.77	17.90	17.90		
1.4	64QAM	3	0	18.02	17.96	17.80		
1.4	64QAM	3	1	18.08	17.71	17.98		
1.4	64QAM	3	3	17.83	17.94	17.93		
1.4	64QAM	6	0	17.87	17.94	17.94	19.5	0
1.4	256QAM	1	0	17.84	17.70	17.83	19.5	0
1.4	256QAM	1	3	17.97	17.65	17.84		
1.4	256QAM	1	5	17.91	17.77	17.66		
1.4	256QAM	3	0	17.84	17.93	17.92		
1.4	256QAM	3	1	17.76	17.78	17.64		
1.4	256QAM	3	3	17.92	17.70	17.69		
1.4	256QAM	6	0	17.91	17.78	17.69	19.5	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	18.84	19.04	18.76	19.5	0
20	QPSK	1	49	18.89	18.74	18.75		
20	QPSK	1	99	18.93	18.92	18.88		
20	QPSK	50	0	18.74	18.92	18.84	19.5	0
20	QPSK	50	24	18.77	18.87	18.85		
20	QPSK	50	50	18.90	18.73	18.90		
20	QPSK	100	0	18.71	18.91	18.72		
20	16QAM	1	0	18.66	18.66	18.93	19.5	0
20	16QAM	1	49	18.65	18.74	18.68		
20	16QAM	1	99	18.83	18.74	18.71		
20	16QAM	50	0	18.83	18.71	18.75	19.5	0
20	16QAM	50	24	18.73	18.77	18.82		
20	16QAM	50	50	18.72	18.81	18.70		
20	16QAM	100	0	18.82	18.82	18.75		
20	64QAM	1	0	18.70	18.69	18.65	19.5	0
20	64QAM	1	49	18.90	18.88	18.68		
20	64QAM	1	99	18.72	18.80	18.83		
20	64QAM	50	0	18.83	18.75	18.72	19.5	0
20	64QAM	50	24	18.72	18.73	18.85		
20	64QAM	50	50	18.76	18.89	18.86		
20	64QAM	100	0	18.67	18.86	18.85		
20	256QAM	1	0	18.60	18.70	18.60	19.5	0
20	256QAM	1	49	18.69	18.56	18.60		
20	256QAM	1	99	18.50	18.72	18.56		
20	256QAM	50	0	18.59	18.69	18.68	19.5	0
20	256QAM	50	24	18.52	18.68	18.52		
20	256QAM	50	50	18.55	18.54	18.58		
20	256QAM	100	0	18.63	18.57	18.52		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	18.89	19.00	18.92	19.5	0
15	QPSK	1	37	18.89	18.91	18.79		
15	QPSK	1	74	19.02	19.03	18.87		
15	QPSK	36	0	18.94	19.01	18.96	19.5	0
15	QPSK	36	20	18.75	19.00	18.89		
15	QPSK	36	39	18.93	18.85	18.97		
15	QPSK	75	0	18.79	19.02	18.88		
15	16QAM	1	0	18.83	18.80	18.98	19.5	0
15	16QAM	1	37	18.84	18.86	18.71		
15	16QAM	1	74	18.81	18.76	18.71		
15	16QAM	36	0	18.97	18.73	18.83	19.5	0
15	16QAM	36	20	18.83	18.93	19.02		
15	16QAM	36	39	18.73	18.91	18.79		
15	16QAM	75	0	18.84	18.93	18.93		
15	64QAM	1	0	18.69	18.77	18.76	19.5	0
15	64QAM	1	37	19.00	18.92	18.73		
15	64QAM	1	74	18.73	18.87	18.85		
15	64QAM	36	0	18.81	18.86	18.89	19.5	0
15	64QAM	36	20	18.85	18.85	18.94		
15	64QAM	36	39	18.88	18.96	18.86		
15	64QAM	75	0	18.75	19.00	18.86		
15	256QAM	1	0	18.70	18.81	18.73	19.5	0
15	256QAM	1	37	18.96	18.81	18.77		
15	256QAM	1	74	18.90	18.77	19.01		
15	256QAM	36	0	18.73	18.85	18.70	19.5	0
15	256QAM	36	20	18.91	18.87	18.97		
15	256QAM	36	39	18.88	18.91	18.80		
15	256QAM	75	0	18.92	18.94	19.03		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	18.84	18.97	18.81	19.5	0
10	QPSK	1	25	19.02	18.85	18.90		
10	QPSK	1	49	19.00	18.99	18.89		
10	QPSK	25	0	18.82	19.02	19.00	19.5	0
10	QPSK	25	12	18.90	18.98	18.81		
10	QPSK	25	25	19.01	18.88	18.99		
10	QPSK	50	0	18.72	18.97	18.74		
10	16QAM	1	0	18.63	18.74	18.89	19.5	0
10	16QAM	1	25	18.61	18.86	18.68		
10	16QAM	1	49	18.87	18.72	18.66		
10	16QAM	25	0	18.84	18.76	18.92	19.5	0
10	16QAM	25	12	18.85	18.72	18.77		
10	16QAM	25	25	18.79	18.89	18.64		
10	16QAM	50	0	18.97	18.78	18.87		
10	64QAM	1	0	18.65	18.77	18.81	19.5	0
10	64QAM	1	25	18.95	18.91	18.71		
10	64QAM	1	49	18.67	18.92	18.90		
10	64QAM	25	0	18.87	18.89	18.72	19.5	0
10	64QAM	25	12	18.81	18.77	18.80		
10	64QAM	25	25	18.87	18.90	18.95		
10	64QAM	50	0	18.64	18.93	18.92		
10	256QAM	1	0	18.65	18.94	18.82	19.5	0
10	256QAM	1	25	19.00	18.72	18.76		
10	256QAM	1	49	18.91	18.75	18.89		
10	256QAM	25	0	18.67	18.61	18.64	19.5	0
10	256QAM	25	12	18.99	18.88	18.95		
10	256QAM	25	25	18.67	18.91	18.83		
10	256QAM	50	0	18.87	18.89	18.93		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	18.77	18.85	18.82	19.5	0
5	QPSK	1	12	18.82	18.64	18.75		
5	QPSK	1	24	18.83	18.89	18.92		
5	QPSK	12	0	18.75	18.84	18.81	19.5	0
5	QPSK	12	7	18.76	18.91	18.85		
5	QPSK	12	13	18.83	18.70	18.98		
5	QPSK	25	0	18.65	19.00	18.81		
5	16QAM	1	0	18.76	18.75	18.85	19.5	0
5	16QAM	1	12	18.67	18.67	18.79		
5	16QAM	1	24	18.78	18.75	18.79		
5	16QAM	12	0	18.94	18.83	18.66	19.5	0
5	16QAM	12	7	18.61	18.66	18.93		
5	16QAM	12	13	18.71	18.85	18.69		
5	16QAM	25	0	18.85	18.85	18.86		
5	64QAM	1	0	18.70	18.68	18.62	19.5	0
5	64QAM	1	12	18.87	18.96	18.76		
5	64QAM	1	24	18.61	18.87	18.91		
5	64QAM	12	0	18.93	18.66	18.76	19.5	0
5	64QAM	12	7	18.60	18.65	18.79		
5	64QAM	12	13	18.67	18.97	18.88		
5	64QAM	25	0	18.70	18.83	18.83		
5	256QAM	1	0	18.59	18.81	18.64	19.5	0
5	256QAM	1	12	18.95	18.67	18.82		
5	256QAM	1	24	18.90	18.79	18.82		
5	256QAM	12	0	18.71	18.73	18.62	19.5	0
5	256QAM	12	7	18.78	18.85	18.93		
5	256QAM	12	13	18.80	18.68	18.72		
5	256QAM	25	0	18.68	18.80	18.86		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	18.82	18.76	19.05	18.87	19.02	19.5	0
20	QPSK	1	49	18.97	18.77	18.88	19.02	18.80		
20	QPSK	1	99	18.96	18.86	18.98	18.92	19.01		
20	QPSK	50	0	18.97	18.76	18.99	18.86	18.77	19.5	0
20	QPSK	50	24	18.87	18.89	18.80	18.93	18.95		
20	QPSK	50	50	18.86	18.90	18.97	18.95	18.94		
20	QPSK	100	0	18.88	18.78	18.94	18.76	18.87		
20	16QAM	1	0	18.77	18.87	18.86	18.91	18.77	19.5	0
20	16QAM	1	49	18.95	18.81	18.86	18.88	18.91		
20	16QAM	1	99	18.97	18.84	18.96	18.94	18.82		
20	16QAM	50	0	18.82	18.78	18.79	18.88	18.99	19.5	0
20	16QAM	50	24	18.77	18.94	18.81	18.97	19.00		
20	16QAM	50	50	18.84	18.98	18.81	18.83	18.99		
20	16QAM	100	0	18.73	18.78	18.86	18.87	18.85		
20	64QAM	1	0	18.97	19.02	18.92	18.99	18.81	19.5	0
20	64QAM	1	49	18.73	18.90	18.79	18.95	18.91		
20	64QAM	1	99	18.80	18.81	18.88	18.78	18.97		
20	64QAM	50	0	18.81	18.75	18.73	18.94	18.98	19.5	0
20	64QAM	50	24	18.74	18.78	18.87	18.94	18.87		
20	64QAM	50	50	18.86	18.75	18.87	19.02	18.93		
20	64QAM	100	0	18.98	18.85	18.80	18.90	18.74		
20	256QAM	1	0	18.82	18.88	18.73	18.66	18.81	19.5	0
20	256QAM	1	49	18.71	18.73	18.81	18.89	18.81		
20	256QAM	1	99	18.87	18.86	18.78	18.92	18.88		
20	256QAM	50	0	18.69	18.73	18.90	18.76	18.65	19.5	0
20	256QAM	50	24	18.73	18.88	18.65	18.70	18.89		
20	256QAM	50	50	18.64	18.72	18.83	18.77	18.66		
20	256QAM	100	0	18.88	18.89	18.89	18.81	18.67		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	18.76	18.59	19.03	18.76	18.91	19.50	0
15	QPSK	1	37	18.85	18.73	18.82	18.86	18.67		
15	QPSK	1	74	18.78	18.69	18.96	18.79	18.90		
15	QPSK	36	0	18.78	18.72	18.92	18.78	18.76	19.5	0
15	QPSK	36	20	18.85	18.85	18.76	18.76	18.90		
15	QPSK	36	39	18.74	18.71	18.77	18.80	18.77		
15	QPSK	75	0	18.70	18.59	18.88	18.76	18.77		
15	16QAM	1	0	18.59	18.67	18.76	18.79	18.67	19.5	0
15	16QAM	1	37	18.87	18.66	18.85	18.68	18.85		
15	16QAM	1	74	18.85	18.73	18.85	18.92	18.79		
15	16QAM	36	0	18.68	18.77	18.60	18.80	18.81	19.5	0
15	16QAM	36	20	18.72	18.88	18.62	18.84	18.93		
15	16QAM	36	39	18.79	18.92	18.62	18.74	18.84		
15	16QAM	75	0	18.71	18.60	18.77	18.81	18.69		
15	64QAM	1	0	18.81	18.85	18.84	18.90	18.70	19.5	0
15	64QAM	1	37	18.73	18.85	18.73	18.78	18.91		
15	64QAM	1	74	18.65	18.80	18.71	18.66	18.83		
15	64QAM	36	0	18.67	18.60	18.70	18.88	18.78	19.5	0
15	64QAM	36	20	18.55	18.62	18.73	18.90	18.86		
15	64QAM	36	39	18.69	18.56	18.79	18.89	18.86		
15	64QAM	75	0	18.97	18.75	18.66	18.77	18.70		
15	256QAM	1	0	18.68	18.84	18.54	18.56	18.68	19.5	0
15	256QAM	1	37	18.57	18.59	18.81	18.79	18.69		
15	256QAM	1	74	18.85	18.81	18.70	18.74	18.69		
15	256QAM	36	0	18.63	18.66	18.87	18.66	18.57	19.5	0
15	256QAM	36	20	18.67	18.82	18.57	18.52	18.86		
15	256QAM	36	39	18.51	18.68	18.76	18.65	18.59		
15	256QAM	75	0	18.77	18.86	18.74	18.76	18.52		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	18.57	18.55	18.89	18.73	18.86	19.50	0
10	QPSK	1	25	18.75	18.61	18.82	18.86	18.58		
10	QPSK	1	49	18.76	18.78	18.75	18.73	18.91		
10	QPSK	25	0	18.85	18.54	18.88	18.67	18.65	19.5	0
10	QPSK	25	12	18.82	18.69	18.69	18.75	18.77		
10	QPSK	25	25	18.81	18.67	18.85	18.74	18.85		
10	QPSK	50	0	18.70	18.57	18.87	18.59	18.73		
10	16QAM	1	0	18.62	18.71	18.65	18.84	18.58	19.5	0
10	16QAM	1	25	18.78	18.69	18.76	18.80	18.83		
10	16QAM	1	49	18.85	18.62	18.90	18.73	18.57		
10	16QAM	25	0	18.62	18.68	18.73	18.79	18.90	19.5	0
10	16QAM	25	12	18.58	18.72	18.62	18.88	18.82		
10	16QAM	25	25	18.60	18.77	18.63	18.64	18.90		
10	16QAM	50	0	18.48	18.64	18.66	18.77	18.73		
10	64QAM	1	0	18.87	18.88	18.70	18.93	18.73	19.5	0
10	64QAM	1	25	18.59	18.84	18.66	18.78	18.74		
10	64QAM	1	49	18.60	18.62	18.66	18.54	18.84		
10	64QAM	25	0	18.61	18.58	18.58	18.78	18.84	19.5	0
10	64QAM	25	12	18.54	18.67	18.62	18.73	18.76		
10	64QAM	25	25	18.61	18.52	18.67	18.77	18.70		
10	64QAM	50	0	18.80	18.69	18.72	18.73	18.67		
10	256QAM	1	0	18.73	18.72	18.67	18.52	18.65	19.5	0
10	256QAM	1	25	18.62	18.49	18.59	18.66	18.62		
10	256QAM	1	49	18.81	18.78	18.72	18.81	18.66		
10	256QAM	25	0	18.52	18.49	18.82	18.69	18.53	19.5	0
10	256QAM	25	12	18.53	18.77	18.50	18.48	18.76		
10	256QAM	25	25	18.58	18.65	18.67	18.66	18.44		
10	256QAM	50	0	18.68	18.70	18.78	18.58	18.55		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	18.63	18.53	18.93	18.76	18.86	19.50	0
5	QPSK	1	12	18.69	18.59	18.77	18.81	18.58		
5	QPSK	1	24	18.86	18.66	18.86	18.68	18.85		
5	QPSK	12	0	18.78	18.53	18.83	18.62	18.52	19.5	0
5	QPSK	12	7	18.66	18.71	18.68	18.82	18.68		
5	QPSK	12	13	18.64	18.70	18.82	18.71	18.76		
5	QPSK	25	0	18.76	18.52	18.71	18.58	18.74		
5	16QAM	1	0	18.59	18.77	18.75	18.76	18.56	19.5	0
5	16QAM	1	12	18.75	18.59	18.72	18.65	18.65		
5	16QAM	1	24	18.81	18.59	18.68	18.67	18.55		
5	16QAM	12	0	18.69	18.64	18.52	18.71	18.78	19.5	0
5	16QAM	12	7	18.55	18.81	18.59	18.80	18.87		
5	16QAM	12	13	18.56	18.81	18.60	18.63	18.73		
5	16QAM	25	0	18.47	18.61	18.67	18.75	18.61		
5	64QAM	1	0	18.75	18.81	18.79	18.82	18.60	19.5	0
5	64QAM	1	12	18.59	18.64	18.54	18.84	18.62		
5	64QAM	1	24	18.54	18.64	18.73	18.67	18.87		
5	64QAM	12	0	18.66	18.62	18.52	18.68	18.75	19.5	0
5	64QAM	12	7	18.54	18.54	18.63	18.83	18.75		
5	64QAM	12	13	18.72	18.49	18.73	18.81	18.76		
5	64QAM	25	0	18.81	18.60	18.59	18.65	18.58		
5	256QAM	1	0	18.57	18.65	18.50	18.51	18.61	19.5	0
5	256QAM	1	12	18.61	18.53	18.56	18.68	18.63		
5	256QAM	1	24	18.62	18.64	18.50	18.78	18.59		
5	256QAM	12	0	18.46	18.43	18.77	18.54	18.38	19.5	0
5	256QAM	12	7	18.53	18.70	18.54	18.59	18.67		
5	256QAM	12	13	18.49	18.59	18.53	18.52	18.39		
5	256QAM	25	0	18.76	18.65	18.61	18.56	18.55		

Band 4 Ant5 DSI5								
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	18.81	18.93	18.84	20.5	0
20	QPSK	1	49	18.67	18.73	18.75		
20	QPSK	1	99	18.74	18.68	18.69		
20	QPSK	50	0	18.68	18.76	18.61	20.5	0
20	QPSK	50	24	18.71	18.54	18.67		
20	QPSK	50	50	18.61	18.65	18.58		
20	QPSK	100	0	18.67	18.73	18.55		
20	16QAM	1	0	18.90	18.81	18.76	20.5	0
20	16QAM	1	49	18.88	18.89	18.78		
20	16QAM	1	99	18.76	18.84	18.90		
20	16QAM	50	0	18.71	18.64	18.66	20.5	0
20	16QAM	50	24	18.71	18.65	18.80		
20	16QAM	50	50	18.76	18.63	18.61		
20	16QAM	100	0	18.63	18.61	18.59		
20	64QAM	1	0	18.68	18.82	18.82	20.5	0
20	64QAM	1	49	18.83	18.86	18.85		
20	64QAM	1	99	18.79	18.57	18.79		
20	64QAM	50	0	18.63	18.68	18.71	20.5	0
20	64QAM	50	24	18.64	18.69	18.63		
20	64QAM	50	50	18.62	18.77	18.56		
20	64QAM	100	0	18.83	18.67	18.65		
20	256QAM	1	0	17.74	17.76	17.77	19.5	1
20	256QAM	1	49	17.86	17.79	17.73		
20	256QAM	1	99	17.79	17.69	17.68		
20	256QAM	50	0	17.68	17.75	17.72	19.5	1
20	256QAM	50	24	17.77	17.61	17.85		
20	256QAM	50	50	17.72	17.79	17.80		
20	256QAM	100	0	17.69	17.66	17.67		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.66	18.84	18.77	20.5	0
15	QPSK	1	37	18.57	18.74	18.59		
15	QPSK	1	74	18.63	18.52	18.58		
15	QPSK	36	0	18.69	18.63	18.53	20.5	0
15	QPSK	36	20	18.54	18.52	18.56		
15	QPSK	36	39	18.55	18.57	18.55		
15	QPSK	75	0	18.67	18.72	18.58		
15	16QAM	1	0	18.78	18.59	18.72	20.5	0
15	16QAM	1	37	18.77	18.76	18.79		
15	16QAM	1	74	18.74	18.68	18.83		
15	16QAM	36	0	18.67	18.65	18.51	20.5	0
15	16QAM	36	20	18.51	18.60	18.71		
15	16QAM	36	39	18.59	18.51	18.53		
15	16QAM	75	0	18.54	18.54	18.55		
15	64QAM	1	0	18.50	18.62	18.61	20.5	0
15	64QAM	1	37	18.67	18.72	18.79		
15	64QAM	1	74	18.78	18.56	18.58		
15	64QAM	36	0	18.51	18.69	18.67	20.5	0
15	64QAM	36	20	18.58	18.55	18.54		
15	64QAM	36	39	18.62	18.72	18.59		
15	64QAM	75	0	18.85	18.53	18.64		
15	256QAM	1	0	17.76	17.80	17.72	19.5	1
15	256QAM	1	37	17.86	17.68	17.73		
15	256QAM	1	74	17.81	17.58	17.68		
15	256QAM	36	0	17.60	17.80	17.62	19.5	1
15	256QAM	36	20	17.74	17.60	17.79		
15	256QAM	36	39	17.73	17.70	17.72		
15	256QAM	75	0	17.83	17.75	17.63		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.71	18.80	18.77	20.5	0
10	QPSK	1	25	18.66	18.59	18.72		
10	QPSK	1	49	18.58	18.61	18.58		
10	QPSK	25	0	18.59	18.79	18.67	20.5	0
10	QPSK	25	12	18.75	18.52	18.66		
10	QPSK	25	25	18.51	18.61	18.55		
10	QPSK	50	0	18.55	18.55	18.56		
10	16QAM	1	0	18.81	18.71	18.64	20.5	0
10	16QAM	1	25	18.78	18.73	18.60		
10	16QAM	1	49	18.72	18.74	18.90		
10	16QAM	25	0	18.57	18.56	18.55	20.5	0
10	16QAM	25	12	18.67	18.53	18.73		
10	16QAM	25	25	18.76	18.65	18.70		
10	16QAM	50	0	18.57	18.63	18.53		
10	64QAM	1	0	18.64	18.88	18.72	20.5	0
10	64QAM	1	25	18.85	18.91	18.78		
10	64QAM	1	49	18.74	18.59	18.90		
10	64QAM	25	0	18.59	18.76	18.63	20.5	0
10	64QAM	25	12	18.67	18.59	18.52		
10	64QAM	25	25	18.73	18.78	18.64		
10	64QAM	50	0	18.85	18.57	18.67		
10	256QAM	1	0	17.78	17.85	17.67	19.5	1
10	256QAM	1	25	17.83	17.71	17.72		
10	256QAM	1	49	17.74	17.69	17.70		
10	256QAM	25	0	17.65	17.74	17.67	19.5	1
10	256QAM	25	12	17.79	17.66	17.79		
10	256QAM	25	25	17.80	17.82	17.78		
10	256QAM	50	0	17.78	17.66	17.61		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.56	18.72	18.58	20.5	0
5	QPSK	1	12	18.56	18.59	18.69		
5	QPSK	1	24	18.71	18.51	18.60		
5	QPSK	12	0	18.57	18.77	18.59	20.5	0
5	QPSK	12	7	18.57	18.60	18.66		
5	QPSK	12	13	18.65	18.69	18.59		
5	QPSK	25	0	18.67	18.57	18.52		
5	16QAM	1	0	18.82	18.76	18.79	20.5	0
5	16QAM	1	12	18.84	18.73	18.68		
5	16QAM	1	24	18.69	18.68	18.62		
5	16QAM	12	0	18.58	18.61	18.72	20.5	0
5	16QAM	12	7	18.68	18.52	18.66		
5	16QAM	12	13	18.80	18.66	18.54		
5	16QAM	25	0	18.68	18.67	18.64		
5	64QAM	1	0	18.62	18.84	18.81	20.5	0
5	64QAM	1	12	18.73	18.83	18.80		
5	64QAM	1	24	18.81	18.56	18.83		
5	64QAM	12	0	18.60	18.72	18.62	20.5	0
5	64QAM	12	7	18.57	18.70	18.53		
5	64QAM	12	13	18.67	18.78	18.62		
5	64QAM	25	0	18.79	18.70	18.58		
5	256QAM	1	0	17.71	17.87	17.65	19.5	1
5	256QAM	1	12	17.84	17.68	17.88		
5	256QAM	1	24	17.70	17.67	17.60		
5	256QAM	12	0	17.61	17.71	17.59	19.5	1
5	256QAM	12	7	17.68	17.57	17.90		
5	256QAM	12	13	17.79	17.82	17.85		
5	256QAM	25	0	17.70	17.75	17.71		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.60	18.77	18.77	20.5	0
3	QPSK	1	8	18.53	18.55	18.58		
3	QPSK	1	14	18.54	18.61	18.64		
3	QPSK	8	0	18.61	18.68	18.58	20.5	0
3	QPSK	8	4	18.54	18.51	18.59		
3	QPSK	8	7	18.69	18.62	18.50		
3	QPSK	15	0	18.65	18.73	18.64		
3	16QAM	1	0	18.82	18.89	18.68	20.5	0
3	16QAM	1	8	18.66	18.69	18.63		
3	16QAM	1	14	18.67	18.77	18.83		
3	16QAM	8	0	18.67	18.60	18.66	20.5	0
3	16QAM	8	4	18.75	18.74	18.83		
3	16QAM	8	7	18.81	18.68	18.56		
3	16QAM	15	0	18.57	18.54	18.52		
3	64QAM	1	0	18.69	18.77	18.86	20.5	0
3	64QAM	1	8	18.63	18.59	18.77		
3	64QAM	1	14	18.82	18.61	18.90		
3	64QAM	8	0	18.57	18.66	18.76	20.5	0
3	64QAM	8	4	18.67	18.73	18.52		
3	64QAM	8	7	18.64	18.82	18.53		
3	64QAM	15	0	18.63	18.63	18.55		
3	256QAM	1	0	17.76	17.87	17.68	19.5	1
3	256QAM	1	8	17.74	17.70	17.76		
3	256QAM	1	14	17.79	17.58	17.63		
3	256QAM	8	0	17.65	17.81	17.70	19.5	1
3	256QAM	8	4	17.75	17.66	17.77		
3	256QAM	8	7	17.77	17.82	17.66		
3	256QAM	15	0	17.77	17.65	17.71		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.58	18.69	18.53	20.5	0
1.4	QPSK	1	3	18.58	18.78	18.78		
1.4	QPSK	1	5	18.77	18.60	18.55		
1.4	QPSK	3	0	18.60	18.82	18.67		
1.4	QPSK	3	1	18.69	18.54	18.72		
1.4	QPSK	3	3	18.61	18.55	18.56		
1.4	QPSK	6	0	18.69	18.77	18.54	20.5	0
1.4	16QAM	1	0	18.86	18.74	18.74	20.5	0
1.4	16QAM	1	3	18.75	18.79	18.81		
1.4	16QAM	1	5	18.67	18.73	18.77		
1.4	16QAM	3	0	18.59	18.55	18.59		
1.4	16QAM	3	1	18.70	18.69	18.84		
1.4	16QAM	3	3	18.83	18.66	18.63		
1.4	16QAM	6	0	18.60	18.65	18.50	20.5	0
1.4	64QAM	1	0	18.66	18.65	18.82	20.5	0
1.4	64QAM	1	3	18.82	18.77	18.90		
1.4	64QAM	1	5	18.74	18.53	18.84		
1.4	64QAM	3	0	18.66	18.68	18.70		
1.4	64QAM	3	1	18.63	18.53	18.53		
1.4	64QAM	3	3	18.55	18.74	18.56		
1.4	64QAM	6	0	18.64	18.58	18.50	20.5	0
1.4	256QAM	1	0	17.69	17.77	17.70	19.5	1
1.4	256QAM	1	3	17.72	17.70	17.66		
1.4	256QAM	1	5	17.73	17.61	17.70		
1.4	256QAM	3	0	17.62	17.71	17.64		
1.4	256QAM	3	1	17.76	17.65	17.80		
1.4	256QAM	3	3	17.75	17.76	17.73		
1.4	256QAM	6	0	17.73	17.61	17.61	19.5	1

Band 7 Ant5_DSI5								
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	20.37	20.45	20.30	21.5	0
20	QPSK	1	49	20.31	20.28	20.26		
20	QPSK	1	99	20.28	20.33	20.21		
20	QPSK	50	0	20.26	20.38	20.35	21.5	0
20	QPSK	50	24	20.31	20.34	20.26		
20	QPSK	50	50	20.24	20.29	20.31		
20	QPSK	100	0	20.24	20.32	20.17		
20	16QAM	1	0	20.20	20.44	20.31	21.5	0
20	16QAM	1	49	20.40	20.32	20.20		
20	16QAM	1	99	20.25	20.14	20.40		
20	16QAM	50	0	20.22	20.25	20.34	21.5	0
20	16QAM	50	24	20.21	20.27	20.35		
20	16QAM	50	50	20.36	20.35	20.30		
20	16QAM	100	0	20.32	20.20	20.07		
20	64QAM	1	0	20.23	20.14	20.36	21.5	0
20	64QAM	1	49	20.33	20.14	20.35		
20	64QAM	1	99	20.34	20.34	20.20		
20	64QAM	50	0	20.17	20.13	20.23	21.5	0
20	64QAM	50	24	20.24	20.30	20.30		
20	64QAM	50	50	20.38	20.26	20.24		
20	64QAM	100	0	20.22	20.24	20.42		
20	256QAM	1	0	19.03	19.15	18.97	20.5	1
20	256QAM	1	49	19.11	19.07	19.05		
20	256QAM	1	99	19.20	19.23	19.05		
20	256QAM	50	0	19.19	19.38	19.38	20.5	1
20	256QAM	50	24	19.42	19.30	19.31		
20	256QAM	50	50	19.40	19.33	19.25		
20	256QAM	100	0	19.37	19.46	19.26		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.28	20.32	20.18	21.5	0
15	QPSK	1	37	20.26	20.29	20.13		
15	QPSK	1	74	20.07	20.18	20.10		
15	QPSK	36	0	20.14	20.32	20.23	21.5	0
15	QPSK	36	20	20.29	20.27	20.17		
15	QPSK	36	39	20.18	20.08	20.14		
15	QPSK	75	0	20.05	20.22	19.95		
15	16QAM	1	0	20.11	20.25	20.23	21.5	0
15	16QAM	1	37	20.36	20.10	20.13		
15	16QAM	1	74	20.21	20.02	20.19		
15	16QAM	36	0	20.02	20.04	20.35	21.5	0
15	16QAM	36	20	20.20	20.11	20.30		
15	16QAM	36	39	20.34	20.31	20.31		
15	16QAM	75	0	20.26	20.17	19.87		
15	64QAM	1	0	20.17	20.08	20.15	21.5	0
15	64QAM	1	37	20.26	20.10	20.35		
15	64QAM	1	74	20.14	20.28	20.14		
15	64QAM	36	0	20.11	20.04	20.03	21.5	0
15	64QAM	36	20	20.05	20.12	20.13		
15	64QAM	36	39	20.30	20.06	20.06		
15	64QAM	75	0	20.08	20.05	20.40		
15	256QAM	1	0	19.20	19.39	19.15	20.5	1
15	256QAM	1	37	19.12	19.13	19.10		
15	256QAM	1	74	19.28	19.31	19.30		
15	256QAM	36	0	19.30	19.62	19.47	20.5	1
15	256QAM	36	20	19.40	19.48	19.39		
15	256QAM	36	39	19.43	19.33	19.33		
15	256QAM	75	0	19.42	19.51	19.51		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.12	20.30	20.23	21.5	0
10	QPSK	1	25	20.23	20.02	19.99		
10	QPSK	1	49	20.03	20.23	20.05		
10	QPSK	25	0	20.15	20.25	20.28	21.5	0
10	QPSK	25	12	20.21	20.25	20.10		
10	QPSK	25	25	20.14	20.24	20.26		
10	QPSK	50	0	20.03	20.17	19.93		
10	16QAM	1	0	20.03	20.20	20.26	21.5	0
10	16QAM	1	25	20.18	20.18	20.13		
10	16QAM	1	49	20.02	20.05	20.29		
10	16QAM	25	0	20.09	20.06	20.16	21.5	0
10	16QAM	25	12	20.08	20.08	20.11		
10	16QAM	25	25	20.13	20.08	20.04		
10	16QAM	50	0	20.06	20.14	19.87		
10	64QAM	1	0	20.13	19.98	20.28	21.5	0
10	64QAM	1	25	20.16	20.04	20.13		
10	64QAM	1	49	20.24	20.10	20.15		
10	64QAM	25	0	19.96	19.90	19.97	21.5	0
10	64QAM	25	12	20.16	20.13	20.03		
10	64QAM	25	25	20.18	20.06	20.11		
10	64QAM	50	0	20.18	20.03	20.34		
10	256QAM	1	0	19.02	19.22	19.24	20.5	1
10	256QAM	1	25	19.09	19.06	19.16		
10	256QAM	1	49	19.31	19.20	19.20		
10	256QAM	25	0	19.24	19.50	19.46	20.5	1
10	256QAM	25	12	19.40	19.28	19.38		
10	256QAM	25	25	19.19	19.18	19.30		
10	256QAM	50	0	19.46	19.35	19.50		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.25	20.21	20.10	21.5	0
5	QPSK	1	12	20.00	20.16	20.10		
5	QPSK	1	24	20.13	20.16	19.98		
5	QPSK	12	0	20.08	20.10	20.10	21.5	0
5	QPSK	12	7	20.18	20.25	19.99		
5	QPSK	12	13	20.14	20.18	20.10		
5	QPSK	25	0	20.11	20.20	19.90		
5	16QAM	1	0	19.97	20.17	20.09	21.5	0
5	16QAM	1	12	20.32	20.07	19.96		
5	16QAM	1	24	20.04	20.00	20.31		
5	16QAM	12	0	19.92	20.00	20.25	21.5	0
5	16QAM	12	7	19.93	19.95	20.04		
5	16QAM	12	13	20.21	20.07	20.12		
5	16QAM	25	0	20.03	19.99	19.81		
5	64QAM	1	0	19.93	20.04	20.22	21.5	0
5	64QAM	1	12	20.19	19.84	20.18		
5	64QAM	1	24	20.11	20.18	19.88		
5	64QAM	12	0	19.97	19.87	19.99	21.5	0
5	64QAM	12	7	19.98	20.20	20.20		
5	64QAM	12	13	20.15	20.08	19.92		
5	64QAM	25	0	20.08	19.95	20.29		
5	256QAM	1	0	18.98	19.20	19.03	20.5	1
5	256QAM	1	12	19.20	19.04	19.20		
5	256QAM	1	24	19.05	19.26	19.18		
5	256QAM	12	0	19.25	19.45	19.40	20.5	1
5	256QAM	12	7	19.19	19.26	19.41		
5	256QAM	12	13	19.14	19.27	19.16		
5	256QAM	25	0	19.38	19.25	19.29		

Band 66 Ant5_DSI5								
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	20.01	20.09	19.86	21.5	0
20	QPSK	1	49	20.03	19.91	19.95		
20	QPSK	1	99	19.84	19.87	19.82		
20	QPSK	50	0	19.90	20.05	19.81	21.5	0
20	QPSK	50	24	19.99	20.00	19.87		
20	QPSK	50	50	19.98	20.04	19.89		
20	QPSK	100	0	19.87	19.99	19.93		
20	16QAM	1	0	19.75	19.96	19.83	21.5	0
20	16QAM	1	49	19.94	19.89	19.98		
20	16QAM	1	99	19.85	20.01	19.92		
20	16QAM	50	0	19.93	19.97	19.88	21.5	0
20	16QAM	50	24	19.99	20.04	20.00		
20	16QAM	50	50	19.86	19.92	20.08		
20	16QAM	100	0	19.93	19.92	19.79		
20	64QAM	1	0	19.96	20.01	19.86	21.5	0
20	64QAM	1	49	20.05	19.94	19.88		
20	64QAM	1	99	19.96	19.87	20.03		
20	64QAM	50	0	19.85	19.98	19.83	21.5	0
20	64QAM	50	24	20.00	19.98	20.02		
20	64QAM	50	50	20.00	19.97	20.06		
20	64QAM	100	0	19.84	19.92	19.88		
20	256QAM	1	0	17.80	17.87	17.64	19.5	2
20	256QAM	1	49	17.79	17.92	17.65		
20	256QAM	1	99	17.71	17.72	17.75		
20	256QAM	50	0	17.74	17.88	17.68	19.5	2
20	256QAM	50	24	17.82	17.89	17.69		
20	256QAM	50	50	17.70	17.75	17.72		
20	256QAM	100	0	17.85	17.85	17.67		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.00	19.98	19.78	21.5	0
15	QPSK	1	37	19.86	19.86	19.79		
15	QPSK	1	74	19.81	19.87	19.66		
15	QPSK	36	0	19.73	19.93	19.82	21.5	0
15	QPSK	36	20	19.81	19.95	19.66		
15	QPSK	36	39	19.78	19.87	19.79		
15	QPSK	75	0	19.71	19.87	19.87		
15	16QAM	1	0	19.70	19.77	19.66	21.5	0
15	16QAM	1	37	19.90	19.79	19.80		
15	16QAM	1	74	19.79	20.00	19.89		
15	16QAM	36	0	19.71	19.95	19.79	21.5	0
15	16QAM	36	20	19.85	19.86	19.80		
15	16QAM	36	39	19.84	19.93	20.05		
15	16QAM	75	0	19.87	19.84	19.72		
15	64QAM	1	0	19.95	19.81	19.82	21.5	0
15	64QAM	1	37	19.87	19.95	19.79		
15	64QAM	1	74	19.89	19.76	19.87		
15	64QAM	36	0	19.70	19.91	19.71	21.5	0
15	64QAM	36	20	19.95	19.96	19.95		
15	64QAM	36	39	19.89	19.93	19.92		
15	64QAM	75	0	19.78	19.74	19.69		
15	256QAM	1	0	17.88	17.90	17.61	19.5	2
15	256QAM	1	37	17.84	17.88	17.64		
15	256QAM	1	74	17.70	17.67	17.67		
15	256QAM	36	0	17.75	17.88	17.78	19.5	2
15	256QAM	36	20	17.85	17.85	17.69		
15	256QAM	36	39	17.76	17.84	17.76		
15	256QAM	75	0	17.75	17.85	17.68		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.80	19.94	19.71	21.5	0
10	QPSK	1	25	19.95	19.81	19.86		
10	QPSK	1	49	19.63	19.66	19.76		
10	QPSK	25	0	19.84	19.85	19.72	21.5	0
10	QPSK	25	12	19.88	19.91	19.73		
10	QPSK	25	25	19.93	19.98	19.84		
10	QPSK	50	0	19.78	19.87	19.77		
10	16QAM	1	0	19.63	19.91	19.68	21.5	0
10	16QAM	1	25	19.81	19.83	19.84		
10	16QAM	1	49	19.62	19.76	19.89		
10	16QAM	25	0	19.70	19.90	19.74	21.5	0
10	16QAM	25	12	19.85	19.95	19.82		
10	16QAM	25	25	19.71	19.83	19.82		
10	16QAM	50	0	19.75	19.72	19.62		
10	64QAM	1	0	19.91	19.91	19.69	21.5	0
10	64QAM	1	25	19.90	19.73	19.61		
10	64QAM	1	49	19.86	19.77	19.83		
10	64QAM	25	0	19.62	19.94	19.71	21.5	0
10	64QAM	25	12	19.84	19.89	19.87		
10	64QAM	25	25	19.77	19.78	19.92		
10	64QAM	50	0	19.62	19.69	19.74		
10	256QAM	1	0	17.93	17.84	17.70	19.5	2
10	256QAM	1	25	17.87	17.96	17.61		
10	256QAM	1	49	17.64	17.65	17.76		
10	256QAM	25	0	17.68	17.72	17.74	19.5	2
10	256QAM	25	12	17.93	18.02	17.66		
10	256QAM	25	25	17.68	17.92	17.74		
10	256QAM	50	0	17.84	17.88	17.82		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.78	19.89	19.66	21.5	0
5	QPSK	1	12	19.79	19.78	19.79		
5	QPSK	1	24	19.60	19.67	19.77		
5	QPSK	12	0	19.63	19.83	19.60	21.5	0
5	QPSK	12	7	19.95	19.83	19.61		
5	QPSK	12	13	19.90	19.78	19.70		
5	QPSK	25	0	19.65	19.92	19.73		
5	16QAM	1	0	19.63	19.83	19.67	21.5	0
5	16QAM	1	12	19.70	19.68	19.91		
5	16QAM	1	24	19.59	19.76	19.65		
5	16QAM	12	0	19.71	19.77	19.72	21.5	0
5	16QAM	12	7	19.82	19.88	19.93		
5	16QAM	12	13	19.74	19.76	19.94		
5	16QAM	25	0	19.76	19.83	19.65		
5	64QAM	1	0	19.70	19.85	19.80	21.5	0
5	64QAM	1	12	19.87	19.68	19.66		
5	64QAM	1	24	19.83	19.79	19.78		
5	64QAM	12	0	19.67	19.88	19.62	21.5	0
5	64QAM	12	7	19.73	19.75	19.95		
5	64QAM	12	13	19.90	19.77	19.95		
5	64QAM	25	0	19.65	19.79	19.85		
5	256QAM	1	0	17.75	17.96	17.59	19.5	2
5	256QAM	1	12	17.75	17.84	17.67		
5	256QAM	1	24	17.62	17.62	17.69		
5	256QAM	12	0	17.90	17.80	17.63	19.5	2
5	256QAM	12	7	17.77	17.88	17.65		
5	256QAM	12	13	17.80	17.89	17.66		
5	256QAM	25	0	17.90	17.84	17.74		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.79	19.81	19.67	21.5	0
3	QPSK	1	8	19.88	19.61	19.73		
3	QPSK	1	14	19.57	19.74	19.73		
3	QPSK	8	0	19.69	19.79	19.59	21.5	0
3	QPSK	8	4	19.69	19.73	19.71		
3	QPSK	8	7	19.76	19.73	19.60		
3	QPSK	15	0	19.70	19.86	19.71		
3	16QAM	1	0	19.67	19.71	19.73	21.5	0
3	16QAM	1	8	19.70	19.64	19.68		
3	16QAM	1	14	19.77	19.79	19.75		
3	16QAM	8	0	19.76	19.71	19.78	21.5	0
3	16QAM	8	4	19.69	19.82	19.81		
3	16QAM	8	7	19.70	19.67	19.88		
3	16QAM	15	0	19.76	19.67	19.65		
3	64QAM	1	0	19.75	19.86	19.61	21.5	0
3	64QAM	1	8	19.85	19.84	19.59		
3	64QAM	1	14	19.88	19.76	19.89		
3	64QAM	8	0	19.77	19.88	19.68	21.5	0
3	64QAM	8	4	19.73	19.79	19.75		
3	64QAM	8	7	19.86	19.84	19.83		
3	64QAM	15	0	19.68	19.65	19.57		
3	256QAM	1	0	17.89	17.73	17.67	19.5	2
3	256QAM	1	8	17.72	17.83	17.63		
3	256QAM	1	14	17.59	17.66	17.63		
3	256QAM	8	0	17.73	17.90	17.70	19.5	2
3	256QAM	8	4	17.78	17.83	17.78		
3	256QAM	8	7	17.79	17.71	17.61		
3	256QAM	15	0	17.64	17.83	17.66		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.78	19.84	19.72	21.5	0
1.4	QPSK	1	3	19.89	19.75	19.79		
1.4	QPSK	1	5	19.66	19.65	19.53		
1.4	QPSK	3	0	19.70	19.84	19.73		
1.4	QPSK	3	1	19.80	19.72	19.59		
1.4	QPSK	3	3	19.85	19.76	19.72		
1.4	QPSK	6	0	19.73	19.72	19.77	21.5	0
1.4	16QAM	1	0	19.61	19.84	19.70	21.5	0
1.4	16QAM	1	3	19.86	19.67	19.81		
1.4	16QAM	1	5	19.53	19.88	19.64		
1.4	16QAM	3	0	19.65	19.67	19.65		
1.4	16QAM	3	1	19.76	19.92	19.92		
1.4	16QAM	3	3	19.73	19.75	19.91		
1.4	16QAM	6	0	19.66	19.63	19.64	21.5	0
1.4	64QAM	1	0	19.81	19.76	19.62	21.5	0
1.4	64QAM	1	3	19.88	19.64	19.80		
1.4	64QAM	1	5	19.72	19.61	19.82		
1.4	64QAM	3	0	19.70	19.71	19.69		
1.4	64QAM	3	1	19.89	19.78	19.85		
1.4	64QAM	3	3	19.70	19.81	19.92		
1.4	64QAM	6	0	19.61	19.75	19.67	21.5	0
1.4	256QAM	1	0	17.87	17.82	17.56	19.5	2
1.4	256QAM	1	3	17.74	17.80	17.63		
1.4	256QAM	1	5	17.69	17.66	17.54		
1.4	256QAM	3	0	17.74	17.83	17.72		
1.4	256QAM	3	1	17.73	17.83	17.76		
1.4	256QAM	3	3	17.72	17.82	17.65		
1.4	256QAM	6	0	17.81	17.83	17.76	19.5	2

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.49	22.56	22.41	23.5	0
20	QPSK	1	49	22.33	22.45	22.34		
20	QPSK	1	99	22.39	22.36	22.38		
20	QPSK	50	0	22.33	22.39	22.34	23.5	0
20	QPSK	50	24	22.24	22.26	22.35		
20	QPSK	50	50	22.38	22.27	22.31		
20	QPSK	100	0	22.23	22.37	22.27		
20	16QAM	1	0	22.29	22.41	22.44	23.5	0
20	16QAM	1	49	22.43	22.47	22.36		
20	16QAM	1	99	22.43	22.35	22.38		
20	16QAM	50	0	22.32	22.32	22.24	23.5	0
20	16QAM	50	24	22.25	22.43	22.26		
20	16QAM	50	50	22.44	22.46	22.20		
20	16QAM	100	0	22.23	22.19	22.40		
20	64QAM	1	0	22.23	22.41	22.33	23.5	0
20	64QAM	1	49	22.30	22.43	22.36		
20	64QAM	1	99	22.28	22.23	22.32		
20	64QAM	50	0	21.36	21.36	21.37	22.5	1
20	64QAM	50	24	21.39	21.39	21.44		
20	64QAM	50	50	21.32	21.48	21.38		
20	64QAM	100	0	21.33	21.34	21.41		
20	256QAM	1	0	19.04	19.26	18.99	20.5	3
20	256QAM	1	49	19.16	19.06	19.06		
20	256QAM	1	99	19.16	19.21	19.04		
20	256QAM	50	0	18.99	19.22	19.21	20.5	3
20	256QAM	50	24	19.07	19.05	19.19		
20	256QAM	50	50	19.25	19.35	19.12		
20	256QAM	100	0	19.10	19.27	19.13		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.47	22.46	22.23	23.5	0
15	QPSK	1	37	22.22	22.27	22.17		
15	QPSK	1	74	22.35	22.21	22.35		
15	QPSK	36	0	22.29	22.30	22.34	23.5	0
15	QPSK	36	20	22.24	22.15	22.22		
15	QPSK	36	39	22.34	22.20	22.22		
15	QPSK	75	0	22.10	22.28	22.24		
15	16QAM	1	0	22.17	22.42	22.37	23.5	0
15	16QAM	1	37	22.27	22.25	22.16		
15	16QAM	1	74	22.28	22.32	22.18		
15	16QAM	36	0	22.18	22.13	22.20	23.5	0
15	16QAM	36	20	22.09	22.25	22.07		
15	16QAM	36	39	22.35	22.31	22.17		
15	16QAM	75	0	22.04	21.99	22.28		
15	64QAM	1	0	22.16	22.42	22.24	23.5	0
15	64QAM	1	37	22.17	22.45	22.24		
15	64QAM	1	74	22.11	22.13	22.22		
15	64QAM	36	0	21.25	21.22	21.38	22.5	1
15	64QAM	36	20	21.38	21.28	21.42		
15	64QAM	36	39	21.28	21.31	21.38		
15	64QAM	75	0	21.18	21.21	21.27		
15	256QAM	1	0	19.14	19.21	19.03	20.5	3
15	256QAM	1	37	19.22	19.05	19.16		
15	256QAM	1	74	19.09	19.18	19.15		
15	256QAM	36	0	19.10	19.32	19.24	20.5	3
15	256QAM	36	20	19.12	19.02	19.25		
15	256QAM	36	39	19.21	19.34	19.16		
15	256QAM	75	0	19.09	19.24	19.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.45	22.38	22.19	23.5	0
10	QPSK	1	25	22.20	22.31	22.14		
10	QPSK	1	49	22.35	22.32	22.17		
10	QPSK	25	0	22.25	22.31	22.14	23.5	0
10	QPSK	25	12	22.18	22.06	22.16		
10	QPSK	25	25	22.22	22.16	22.20		
10	QPSK	50	0	21.98	22.12	22.07		
10	16QAM	1	0	22.25	22.22	22.28	23.5	0
10	16QAM	1	25	22.18	22.31	22.26		
10	16QAM	1	49	22.27	22.30	22.30		
10	16QAM	25	0	22.07	22.27	22.03	23.5	0
10	16QAM	25	12	22.16	22.27	22.05		
10	16QAM	25	25	22.31	22.36	22.07		
10	16QAM	50	0	22.19	22.09	22.33		
10	64QAM	1	0	22.00	22.34	22.26	23.5	0
10	64QAM	1	25	22.16	22.35	22.26		
10	64QAM	1	49	22.08	22.00	22.12		
10	64QAM	25	0	21.26	21.10	21.26	22.5	1
10	64QAM	25	12	21.24	21.32	21.21		
10	64QAM	25	25	21.27	21.23	21.21		
10	64QAM	50	0	21.17	21.15	21.21		
10	256QAM	1	0	19.11	19.23	19.04	20.5	3
10	256QAM	1	25	19.17	19.18	19.15		
10	256QAM	1	49	19.08	19.15	19.14		
10	256QAM	25	0	19.03	19.27	19.23	20.5	3
10	256QAM	25	12	19.11	19.06	19.27		
10	256QAM	25	25	19.23	19.35	19.10		
10	256QAM	50	0	19.05	19.28	19.06		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.18	22.25	22.20	23.5	0
5	QPSK	1	12	22.14	22.15	22.05		
5	QPSK	1	24	22.12	22.23	22.30		
5	QPSK	12	0	22.24	22.13	22.12	23.5	0
5	QPSK	12	7	22.09	22.16	22.22		
5	QPSK	12	13	22.09	22.18	22.14		
5	QPSK	25	0	21.95	22.24	21.97		
5	16QAM	1	0	22.07	22.10	22.32	23.5	0
5	16QAM	1	12	22.18	22.17	22.18		
5	16QAM	1	24	22.27	22.04	22.27		
5	16QAM	12	0	22.21	22.03	22.04	23.5	0
5	16QAM	12	7	22.06	22.14	22.06		
5	16QAM	12	13	22.18	22.20	22.09		
5	16QAM	25	0	22.06	21.96	22.12		
5	64QAM	1	0	22.05	22.18	22.03	23.5	0
5	64QAM	1	12	22.03	22.17	22.27		
5	64QAM	1	24	22.14	21.92	22.06		
5	64QAM	12	0	21.26	21.09	21.11	22.5	1
5	64QAM	12	7	21.26	21.30	21.32		
5	64QAM	12	13	21.03	21.18	21.25		
5	64QAM	25	0	21.07	21.21	21.13		
5	256QAM	1	0	19.16	19.24	19.09	20.5	3
5	256QAM	1	12	19.19	19.15	19.09		
5	256QAM	1	24	19.12	19.12	19.12		
5	256QAM	12	0	19.10	19.23	19.14	20.5	3
5	256QAM	12	7	19.07	19.03	19.14		
5	256QAM	12	13	19.25	19.26	19.17		
5	256QAM	25	0	19.00	19.28	19.15		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.32	24.21	24.38	24.27	24.25	25.5	0
20	QPSK	1	49	24.30	24.24	24.33	24.18	24.18		
20	QPSK	1	99	24.27	24.24	24.29	24.21	24.15		
20	QPSK	50	0	23.42	23.24	23.45	23.31	23.18	24.5	1
20	QPSK	50	24	23.43	23.32	23.41	23.30	23.23		
20	QPSK	50	50	23.41	23.29	23.38	23.22	23.16		
20	QPSK	100	0	23.42	23.30	23.44	23.37	23.25		
20	16QAM	1	0	23.33	23.21	23.41	23.27	23.19	24.5	1
20	16QAM	1	49	23.33	23.38	23.35	23.38	23.22		
20	16QAM	1	99	23.31	23.26	23.35	23.12	23.16		
20	16QAM	50	0	22.45	22.27	22.33	22.33	22.19	23.5	2
20	16QAM	50	24	22.46	22.34	22.42	22.30	22.18		
20	16QAM	50	50	22.39	22.32	22.39	22.27	22.18		
20	16QAM	100	0	22.41	22.31	22.41	22.29	22.14		
20	64QAM	1	0	22.33	22.18	22.38	22.23	22.19	23.5	2
20	64QAM	1	49	22.40	22.38	22.42	22.23	22.25		
20	64QAM	1	99	22.29	22.27	22.30	22.25	22.17		
20	64QAM	50	0	21.46	21.26	21.33	21.31	21.21	22.5	3
20	64QAM	50	24	21.43	21.33	21.43	21.32	21.19		
20	64QAM	50	50	21.41	21.31	21.41	21.28	21.18		
20	64QAM	100	0	21.44	21.33	21.42	21.28	21.17		
20	256QAM	1	0	19.43	19.30	19.32	19.35	19.36	20.5	5
20	256QAM	1	49	19.22	19.18	19.33	19.21	19.21		
20	256QAM	1	99	19.18	19.16	19.31	19.28	19.18		
20	256QAM	50	0	19.36	19.18	19.41	19.42	19.25	20.5	5
20	256QAM	50	24	19.40	19.37	19.39	19.18	19.19		
20	256QAM	50	50	19.38	19.41	19.36	19.22	19.17		
20	256QAM	100	0	19.50	19.23	19.42	19.27	19.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.78	23.65	23.83	23.78	23.73	25.50	0
15	QPSK	1	37	23.72	23.76	23.79	23.60	23.71		
15	QPSK	1	74	23.76	23.77	23.75	23.65	23.63		
15	QPSK	36	0	22.83	22.73	22.80	22.77	22.61	24.5	1
15	QPSK	36	20	22.82	22.80	22.82	22.80	22.67		
15	QPSK	36	39	22.84	22.77	22.86	22.66	22.64		
15	QPSK	75	0	22.87	22.73	22.95	22.72	22.75		
15	16QAM	1	0	22.77	22.67	22.87	22.74	22.72	24.5	1
15	16QAM	1	37	22.98	22.82	22.89	22.83	22.78		
15	16QAM	1	74	22.73	22.73	22.90	22.77	22.73		
15	16QAM	36	0	21.88	21.81	21.77	21.85	21.77	23.5	2
15	16QAM	36	20	21.94	21.87	21.90	21.85	21.77		
15	16QAM	36	39	21.89	21.84	21.94	21.73	21.70		
15	16QAM	75	0	21.94	21.81	21.88	21.80	21.78		
15	64QAM	1	0	21.80	21.73	21.93	21.69	21.73	23.5	2
15	64QAM	1	37	21.91	21.91	21.88	21.66	21.80		
15	64QAM	1	74	21.74	21.82	21.82	21.73	21.66		
15	64QAM	36	0	20.95	20.74	20.78	20.86	20.74	22.5	3
15	64QAM	36	20	20.92	20.76	20.90	20.77	20.69		
15	64QAM	36	39	20.87	20.86	20.85	20.80	20.73		
15	64QAM	75	0	20.98	20.84	20.89	20.73	20.69		
15	256QAM	1	0	18.80	18.54	18.85	18.87	18.76	20.5	5
15	256QAM	1	37	18.76	18.68	18.90	18.68	18.70		
15	256QAM	1	74	18.83	18.79	18.66	18.74	18.69		
15	256QAM	36	0	18.80	18.82	18.86	18.76	18.66	20.5	5
15	256QAM	36	20	18.88	18.91	18.94	18.89	18.76		
15	256QAM	36	39	18.80	18.72	18.79	18.65	18.66		
15	256QAM	75	0	18.75	18.73	18.82	18.72	18.65		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.85	23.75	23.78	23.79	23.76	25.50	0
10	QPSK	1	25	23.81	23.71	23.85	23.70	23.69		
10	QPSK	1	49	23.73	23.66	23.81	23.70	23.65		
10	QPSK	25	0	22.89	22.69	22.88	22.81	22.69	24.5	1
10	QPSK	25	12	22.95	22.87	22.89	22.72	22.67		
10	QPSK	25	25	22.84	22.75	22.87	22.74	22.76		
10	QPSK	50	0	22.87	22.83	22.86	22.77	22.65		
10	16QAM	1	0	22.84	22.75	22.97	22.80	22.71	24.5	1
10	16QAM	1	25	22.94	22.94	22.99	22.90	22.72		
10	16QAM	1	49	22.74	22.73	22.87	22.70	22.75		
10	16QAM	25	0	21.88	21.77	21.78	21.83	21.70	23.5	2
10	16QAM	25	12	21.97	21.89	21.98	21.80	21.70		
10	16QAM	25	25	21.89	21.77	21.81	21.79	21.74		
10	16QAM	50	0	21.94	21.74	21.93	21.75	21.76		
10	64QAM	1	0	21.76	21.61	21.94	21.72	21.69	23.5	2
10	64QAM	1	25	21.88	21.91	21.86	21.76	21.79		
10	64QAM	1	49	21.83	21.81	21.73	21.75	21.71		
10	64QAM	25	0	21.00	20.80	20.89	20.84	20.74	22.5	3
10	64QAM	25	12	20.88	20.85	20.92	20.76	20.74		
10	64QAM	25	25	20.92	20.76	20.86	20.74	20.77		
10	64QAM	50	0	20.96	20.80	20.89	20.75	20.72		
10	256QAM	1	0	18.82	18.77	18.84	18.70	18.72	20.5	5
10	256QAM	1	25	18.80	18.79	18.78	18.64	18.70		
10	256QAM	1	49	18.80	18.71	18.86	18.73	18.75		
10	256QAM	25	0	18.78	18.69	18.83	18.84	18.77	20.5	5
10	256QAM	25	12	18.94	18.82	19.00	18.71	18.73		
10	256QAM	25	25	18.84	18.74	18.87	18.77	18.78		
10	256QAM	50	0	18.75	18.75	18.85	18.79	18.64		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.80	23.75	23.79	23.73	23.76	25.50	0
5	QPSK	1	12	23.82	23.79	23.84	23.71	23.72		
5	QPSK	1	24	23.76	23.77	23.77	23.65	23.53		
5	QPSK	12	0	22.88	22.69	22.86	22.80	22.73	24.5	1
5	QPSK	12	7	22.88	22.87	22.95	22.82	22.66		
5	QPSK	12	13	22.91	22.77	22.85	22.76	22.64		
5	QPSK	25	0	23.00	22.74	22.96	22.71	22.67		
5	16QAM	1	0	22.80	22.71	22.92	22.77	22.75	24.5	1
5	16QAM	1	12	22.94	22.80	22.93	22.84	22.74		
5	16QAM	1	24	22.79	22.73	22.89	22.72	22.71		
5	16QAM	12	0	21.88	21.74	21.76	21.84	21.74	23.5	2
5	16QAM	12	7	21.88	21.81	21.96	21.74	21.72		
5	16QAM	12	13	21.90	21.78	21.84	21.70	21.71		
5	16QAM	25	0	21.87	21.78	21.96	21.77	21.72		
5	64QAM	1	0	21.81	21.70	21.83	21.78	21.73	23.5	2
5	64QAM	1	12	21.93	21.93	21.98	21.69	21.81		
5	64QAM	1	24	21.83	21.71	21.80	21.77	21.71		
5	64QAM	12	0	21.00	20.79	20.82	20.83	20.75	22.5	3
5	64QAM	12	7	20.89	20.87	20.97	20.88	20.69		
5	64QAM	12	13	20.91	20.78	20.86	20.72	20.68		
5	64QAM	25	0	20.87	20.76	20.93	20.82	20.65		
5	256QAM	1	0	18.92	18.87	18.79	18.69	18.72	20.5	5
5	256QAM	1	12	18.82	18.90	18.92	18.69	18.82		
5	256QAM	1	24	18.77	18.86	18.67	18.69	18.63		
5	256QAM	12	0	19.00	18.70	18.87	18.71	18.77	20.5	5
5	256QAM	12	7	18.88	18.89	18.88	18.86	18.62		
5	256QAM	12	13	18.85	18.80	18.90	18.79	18.65		
5	256QAM	25	0	18.95	18.70	18.86	18.75	18.60		