

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

ANT0 Default Power								
GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.15	32.10	31.97	33.50	23.15	23.10	22.97	24.50
GPRS 1 Tx slots	32.21	32.04	31.89	33.50	23.21	23.04	22.89	24.50
GPRS 2 Tx slots	29.43	29.46	29.27	30.50	23.43	23.46	23.27	24.50
GPRS 3 Tx slots	27.33	27.74	27.67	28.50	23.07	23.48	23.41	24.24
GPRS 4 Tx slots	26.00	26.32	26.30	27.50	23.00	23.32	23.30	24.50
EDGE 1 Tx slot	25.94	25.96	25.85	27.50	16.94	16.96	16.85	18.50
EDGE 2 Tx slots	23.17	23.11	23.14	24.50	17.17	17.11	17.14	18.50
EDGE 3 Tx slots	21.19	21.24	21.16	23.00	16.93	16.98	16.90	18.74
EDGE 4 Tx slots	19.84	20.12	20.03	21.50	16.84	17.12	17.03	18.50

ANT0 Default Power								
GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2 <td>1880</td> <td>1909.8</td> <td></td> <td>1850.2 <td>1880</td> <td>1909.8</td> <td></td> </td>	1880	1909.8		1850.2 <td>1880</td> <td>1909.8</td> <td></td>	1880	1909.8	
GSM 1 Tx slot	29.27	29.33	29.21	30.50	20.27	20.33	20.21	21.50
GPRS 1 Tx slot	29.34	29.28	29.10	30.50	20.34	20.28	20.10	21.50
GPRS 2 Tx slots	26.70	26.64	26.39	27.50	20.70	20.64	20.39	21.50
GPRS 3 Tx slots	24.63	24.82	24.61	25.50	20.37	20.56	20.35	21.24
GPRS 4 Tx slots	23.17	23.52	23.43	24.50	20.17	20.52	20.43	21.50
EDGE 1 Tx slot	25.23	25.39	25.18	26.50	16.23	16.39	16.18	17.50
EDGE 2 Tx slots	22.51	22.45	22.27	24.00	16.51	16.45	16.27	18.00
EDGE 3 Tx slots	19.92	19.82	19.73	21.50	15.66	15.56	15.47	17.24
EDGE 4 Tx slots	19.97	19.69	19.85	20.50	16.97	16.69	16.85	17.50

Band	ANT0 Default Power				ANT0 Default Power				ANT0 Default Power				
	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738	4357	4407	4458			
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	826.4	836.4	846.6			
3GPP Rel 99	AMR 12.2Kbps	24.38	24.33	24.31	25.50	24.26	24.50	24.35	25.50	24.71	24.74	24.72	25.50
3GPP Rel 99	RM 12.2Kbps	24.40	24.43	24.36	25.50	24.13	24.52	24.44	25.50	24.75	24.78	24.69	25.50
3GPP Rel 6	HSDPA Subtest-1	23.80	23.83	23.81	24.50	23.42	23.40	23.39	24.50	23.76	23.81	23.54	24.50
3GPP Rel 6	HSDPA Subtest-2	23.77	23.82	23.80	24.50	23.55	23.47	23.39	24.50	23.82	23.69	23.58	24.50
3GPP Rel 6	HSDPA Subtest-3	22.96	23.26	23.30	24.00	22.96	22.96	22.76	24.00	23.33	23.29	23.20	24.00
3GPP Rel 6	HSDPA Subtest-4	23.31	23.32	23.27	24.00	22.93	22.97	22.90	24.00	23.32	23.34	23.22	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.85	23.80	23.79	24.50	23.32	23.42	23.10	24.50	23.82	23.87	23.56	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.77	23.87	23.86	24.50	23.40	23.35	23.36	24.50	23.87	23.74	23.56	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.02	23.22	23.25	24.00	22.82	22.74	22.71	24.00	23.37	23.30	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.27	23.37	23.29	24.00	22.79	22.83	22.75	24.00	23.38	23.31	23.18	24.00
3GPP Rel 6	HSUPA Subtest-1	23.46	23.45	23.37	24.50	23.44	23.34	23.25	24.50	23.69	23.75	23.66	24.50
3GPP Rel 6	HSUPA Subtest-2	21.42	21.43	21.33	22.50	21.56	21.46	21.25	22.50	21.78	21.79	21.67	22.50
3GPP Rel 6	HSUPA Subtest-3	22.44	22.47	22.34	23.50	22.41	22.44	22.22	23.50	22.80	22.77	22.64	23.50
3GPP Rel 6	HSUPA Subtest-4	21.45	21.46	21.28	22.50	21.42	21.55	21.43	22.50	21.73	21.76	21.70	22.50
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.40	24.50	23.45	23.53	23.05	24.50	23.78	23.74	23.40	24.50



Band 26 ANTO Default Power

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				26766	26865	26965		
Frequency (MHz)				831.5	831.5	841.5		
15	QPSK	1	0	24.34	24.44	24.31	25.5	0
15	QPSK	1	37	24.39	24.37	24.29		
15	QPSK	1	74	24.37	24.33	24.18		
15	QPSK	36	0	23.44	23.50	23.37	24.5	1
15	QPSK	36	20	23.42	23.46	23.44		
15	QPSK	36	39	23.48	23.46	23.38		
15	QPSK	75	0	23.42	23.52	23.31	24.5	1
15	16QAM	1	0	23.77	23.67	23.64		
15	16QAM	1	37	23.70	23.66	23.58		
15	16QAM	1	74	23.75	23.66	23.48	23.5	2
15	16QAM	36	0	22.45	22.43	22.39		
15	16QAM	36	20	22.50	22.48	22.41		
15	16QAM	36	39	22.46	22.47	22.39	23.5	2
15	16QAM	75	0	22.52	22.41	22.38		
15	64QAM	1	0	22.80	22.65	22.60		
15	64QAM	1	37	22.65	22.60	22.50	23.5	2
15	64QAM	1	74	22.56	22.54	22.37		
15	64QAM	36	0	21.48	21.44	21.37		
15	64QAM	36	20	21.51	21.47	21.40	22.5	3
15	64QAM	36	39	21.50	21.47	21.38		
15	64QAM	75	0	21.52	21.42	21.34		
Channel				26740	26865	26990		
Frequency (MHz)				819	831.5	844		
10	QPSK	1	0	24.35	24.33	24.20	25.5	0
10	QPSK	1	25	24.33	24.25	24.17		
10	QPSK	1	49	24.27	24.20	24.12		
10	QPSK	25	0	23.45	23.37	23.31	24.5	1
10	QPSK	25	12	23.45	23.36	23.32		
10	QPSK	25	25	23.42	23.40	23.33		
10	QPSK	50	0	23.46	23.34	23.30	24.5	1
10	16QAM	1	0	23.60	23.68	23.61		
10	16QAM	1	25	23.62	23.63	23.53		
10	16QAM	1	49	23.63	23.61	23.49	23.5	2
10	16QAM	25	0	22.50	22.39	22.31		
10	16QAM	25	12	22.47	22.40	22.35		
10	16QAM	25	25	22.42	22.43	22.35	23.5	2
10	64QAM	50	0	22.47	22.37	22.29		
10	64QAM	1	0	22.57	22.60	22.48		
10	64QAM	1	25	22.56	22.46	22.38	23.5	2
10	64QAM	1	49	22.50	22.50	22.39		
10	64QAM	25	0	21.49	21.39	21.31		
10	64QAM	25	12	21.47	21.35	21.29	22.5	3
10	64QAM	25	25	21.40	21.41	21.31		
10	64QAM	50	0	21.44	21.36	21.31		
Channel				26715	26865	27015		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	24.33	24.37	24.22	25.5	0
5	QPSK	1	12	24.40	24.32	24.20		
5	QPSK	1	24	24.32	24.27	24.09		
5	QPSK	12	0	23.46	23.34	23.29	24.5	1
5	QPSK	12	7	23.48	23.42	23.28		
5	QPSK	12	13	23.43	23.36	23.24		
5	QPSK	25	0	23.46	23.33	23.26	24.5	1
5	16QAM	1	0	23.60	23.68	23.62		
5	16QAM	1	12	23.64	23.67	23.54		
5	16QAM	1	24	23.66	23.58	23.50	23.5	2
5	16QAM	12	0	22.50	22.37	22.31		
5	16QAM	12	7	22.51	22.43	22.30		
5	16QAM	12	13	22.47	22.41	22.27	23.5	2
5	16QAM	25	0	22.49	22.34	22.28		
5	64QAM	1	0	22.58	22.51	22.45		
5	64QAM	1	12	22.56	22.42	22.39	23.5	2
5	64QAM	1	24	22.54	22.49	22.38		
5	64QAM	12	0	21.63	21.36	21.33		
5	64QAM	12	7	21.48	21.43	21.29	22.5	3
5	64QAM	12	13	21.45	21.41	21.29		
5	64QAM	25	0	21.39	21.30	21.27		
Channel				26705	26865	27025		
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	24.29	24.34	24.14	25.5	0
3	QPSK	1	43	24.33	24.31	24.20		
3	QPSK	1	14	24.37	24.27	23.89		
3	QPSK	8	0	23.40	23.29	23.27	24.5	1
3	QPSK	8	4	23.42	23.45	23.31		
3	QPSK	8	7	23.45	23.37	23.24		
3	QPSK	15	0	23.44	23.40	23.26	24.5	1
3	16QAM	1	0	23.53	23.60	23.52		
3	16QAM	1	8	23.61	23.67	23.54		
3	16QAM	1	14	23.70	23.61	23.55	23.5	2
3	16QAM	8	0	22.50	22.37	22.33		
3	16QAM	8	4	22.55	22.51	22.35		
3	16QAM	8	7	22.49	22.42	22.28	23.5	2
3	16QAM	15	0	22.50	22.43	22.30		
3	64QAM	1	0	22.56	22.48	22.39		
3	64QAM	1	8	22.62	22.55	22.44	23.5	2
3	64QAM	1	14	22.65	22.57	22.41		
3	64QAM	8	0	21.51	21.36	21.31		
3	64QAM	8	4	21.50	21.44	21.31	22.5	3
3	64QAM	8	7	21.50	21.44	21.36		
3	64QAM	15	0	21.48	21.38	21.25		
Channel				26897	26895	27033		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	24.15	24.30	24.04	25.5	0
1.4	QPSK	1	3	24.33	24.28	24.16		
1.4	QPSK	1	5	24.33	24.20	24.03		
1.4	QPSK	3	0	24.27	24.22	24.07	24.5	1
1.4	QPSK	3	1	24.31	24.29	24.15		
1.4	QPSK	3	3	24.30	24.22	24.07		
1.4	QPSK	6	0	23.37	23.34	23.19	24.5	1
1.4	16QAM	1	0	23.49	23.52	23.41		
1.4	16QAM	1	3	23.61	23.64	23.48		
1.4	16QAM	1	5	23.59	23.56	23.40	23.5	2
1.4	16QAM	3	0	23.35	23.33	23.19		
1.4	16QAM	3	1	23.40	23.38	23.26		
1.4	16QAM	3	3	23.40	23.29	23.14	23.5	2
1.4	16QAM	6	0	22.50	22.41	22.25		
1.4	64QAM	1	0	22.47	22.40	22.30		
1.4	64QAM	1	3	22.56	22.45	22.38	23.5	2
1.4	64QAM	1	5	22.49	22.39	22.33		
1.4	64QAM	3	0	22.40	22.30	22.24		
1.4	64QAM	3	1	22.43	22.48	22.26	22.5	3
1.4	64QAM	3	3	22.41	22.31	22.21		
1.4	64QAM	6	0	21.40	21.37	21.19		



ANT4 Default Power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	838.4	848.8	824.2	838.4	848.8		
Frequency (MHz)								
GSM 1 Tx slot	32.14	32.27	32.11	33.50	23.14	23.27	23.11	24.50
GPRS 1 Tx slot	32.19	32.24	31.97	33.50	23.19	23.24	22.97	24.50
GPRS 2 Tx slots	29.66	29.59	29.46	30.50	23.66	23.59	23.46	24.50
GPRS 3 Tx slots	27.64	27.44	27.85	28.50	23.38	23.18	23.59	24.24
GPRS 4 Tx slots	26.48	26.54	26.45	27.50	23.48	23.54	23.45	24.50
EDGE 1 Tx slot	26.11	26.00	25.97	27.50	17.11	17.00	16.97	18.50
EDGE 2 Tx slots	23.36	23.54	23.16	24.50	17.36	17.54	17.16	18.50
EDGE 3 Tx slots	21.47	21.55	21.29	23.00	17.21	17.29	17.03	18.74
EDGE 4 Tx slots	20.09	20.40	20.13	21.50	17.09	17.40	17.13	18.50

ANT4 Default Power

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8	1850.2	1880	1909.8		
Frequency (MHz)								
GSM 1 Tx slot	28.99	28.98	28.84	30.50	19.99	19.98	19.84	21.50
GPRS 1 Tx slot	29.04	28.89	28.79	30.50	20.04	19.89	19.79	21.50
GPRS 2 Tx slots	26.39	26.52	26.51	27.50	20.39	20.52	20.51	21.50
GPRS 3 Tx slots	24.31	24.38	24.04	25.50	20.05	20.12	19.78	21.24
GPRS 4 Tx slots	22.87	23.10	22.81	24.50	19.87	20.10	19.81	21.50
EDGE 1 Tx slot	24.76	24.91	24.63	26.50	15.76	15.91	15.63	17.50
EDGE 2 Tx slots	22.18	22.25	22.24	24.00	16.18	16.25	16.24	18.00
EDGE 3 Tx slots	19.51	19.57	19.54	21.50	15.25	15.31	15.28	17.24
EDGE 4 Tx slots	19.29	19.04	19.40	20.50	16.29	16.04	16.40	17.50

Band	ANT4 Default Power			Tune-up Limit (dBm)	ANT4 Default Power			Tune-up Limit (dBm)	ANT4 Default Power			Tune-up Limit (dBm)	
	WCDMA II				WCDMA IV				WCDMA V				
TX Channel	9262	9400	9538	1312	1413	1513	4132	4182	4233				
Rx Channel	9662	9800	9938	1337	1638	1738	4357	4407	4458				
Frequency (MHz)	1932.4	1930	1909.8	1712.4	1722.3	1722.3	826.4	838.1	846.6				
3GPP Rel 99	AMR 12.2kbps	23.28	23.34	23.19	24.50	23.75	23.78	23.80	24.50	24.45	24.46	24.42	25.50
3GPP Rel 99	RMC 12.2kbps	23.31	23.36	23.20	24.50	23.73	23.83	23.81	24.50	24.44	24.47	24.46	25.50
3GPP Rel 6	HSDPA Subtest-1	22.33	22.38	22.21	23.50	22.83	22.89	22.90	23.50	23.46	23.47	23.46	24.50
3GPP Rel 6	HSDPA Subtest-2	22.35	22.36	22.23	23.50	22.87	22.89	22.92	23.50	23.46	23.45	23.50	24.50
3GPP Rel 6	HSDPA Subtest-3	21.83	21.85	21.71	23.00	22.35	22.40	22.06	23.00	22.91	22.95	23.00	24.00
3GPP Rel 6	HSDPA Subtest-4	21.86	21.86	21.67	23.00	22.32	22.39	22.44	23.00	22.94	22.98	22.98	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	22.36	22.48	22.11	23.50	22.85	22.83	22.84	23.50	23.40	23.37	23.52	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	22.25	22.46	22.26	23.50	22.77	22.82	22.81	23.50	23.52	23.47	23.47	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	21.78	21.90	21.65	23.00	22.37	22.36	22.01	23.00	22.87	22.95	23.01	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	21.96	21.96	21.60	23.00	22.31	22.49	22.50	23.00	23.00	22.97	22.97	24.00
3GPP Rel 6	HSUPA Subtest-1	22.31	22.36	22.20	23.50	22.86	22.85	22.90	23.50	23.39	23.44	23.44	24.50
3GPP Rel 6	HSUPA Subtest-2	20.25	20.28	20.19	21.50	20.83	20.78	20.79	21.50	21.39	21.42	21.37	22.50
3GPP Rel 6	HSUPA Subtest-3	21.29	21.33	21.22	22.50	21.84	21.90	21.88	22.50	22.42	22.44	22.42	23.50
3GPP Rel 6	HSUPA Subtest-4	20.30	20.35	20.28	21.50	20.84	20.89	20.87	21.50	21.39	21.45	21.42	22.50
3GPP Rel 6	HSUPA Subtest-5	22.30	22.25	22.20	23.50	22.80	22.85	22.90	23.50	23.40	23.40	23.40	24.50



Band 26 ANT4 Default Power									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up	MPR	
				Low	Middle	High			
Channel				26765	26865	26965	limit (dBm)	(dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.42	24.46	24.38			
15	QPSK	1	37	24.36	24.30	24.34	25.5	0	
15	QPSK	1	74	24.36	24.28	24.23			
15	QPSK	36	0	23.52	23.54	23.26			
15	QPSK	36	20	23.30	23.46	23.26	24.5	1	
15	QPSK	36	39	23.31	23.36	23.36			
15	QPSK	75	0	23.39	23.45	23.43			
15	16QAM	1	0	23.35	23.48	23.38			
15	16QAM	1	37	23.24	23.38	23.34	24.5	1	
15	16QAM	1	74	23.29	23.46	23.19			
15	16QAM	36	0	22.44	22.38	22.26			
15	16QAM	36	20	22.40	22.33	22.17	23.5	2	
15	16QAM	36	39	22.35	22.38	22.17			
15	16QAM	75	0	22.42	22.37	22.28			
15	64QAM	1	0	22.32	22.54	22.38			
15	64QAM	1	37	22.21	22.35	22.20	23.5	2	
15	64QAM	1	74	22.33	22.41	22.31			
15	64QAM	36	0	21.43	21.55	21.48			
15	64QAM	36	20	21.33	21.32	21.35	22.5	3	
15	64QAM	36	39	21.36	21.29	21.28			
15	64QAM	75	0	21.32	21.47	21.47			
Channel				26740	26865	26990	Tune-up	MPR	
Frequency (MHz)				819	831.5	844	limit (dBm)	(dB)	
10	QPSK	1	0	24.37	24.35	24.35			
10	QPSK	1	25	24.21	24.21	24.25	25.5	0	
10	QPSK	1	49	24.25	24.26	24.07			
10	QPSK	25	0	23.39	23.45	23.11			
10	QPSK	25	12	23.25	23.44	23.23	24.5	1	
10	QPSK	25	25	23.12	23.10	23.35			
10	QPSK	50	0	23.38	23.43	23.32			
10	16QAM	1	0	23.35	23.32	23.20			
10	16QAM	1	25	23.18	23.18	23.18	24.5	1	
10	16QAM	1	49	23.09	23.42	23.07			
10	16QAM	25	0	22.40	22.18	22.21			
10	16QAM	25	12	22.21	22.28	22.07	23.5	2	
10	16QAM	25	25	22.27	22.19	22.09			
10	16QAM	50	0	22.33	22.36	22.16			
10	64QAM	1	0	22.28	22.36	22.25			
10	64QAM	1	25	22.04	22.27	22.15	23.5	2	
10	64QAM	1	49	22.13	22.33	22.14			
10	64QAM	25	0	21.41	21.38	21.39			
10	64QAM	25	12	21.29	21.16	21.20	22.5	3	
10	64QAM	25	25	21.26	21.28	21.18			
10	64QAM	50	0	21.15	21.43	21.34			
Channel				26715	26865	27015	Tune-up	MPR	
Frequency (MHz)				816.5	831.5	846.5	limit (dBm)	(dB)	
5	QPSK	1	0	24.32	24.39	24.22			
5	QPSK	1	12	24.26	24.24	24.41	25.5	0	
5	QPSK	1	24	24.25	24.20	24.20			
5	QPSK	12	0	23.35	23.54	23.22			
5	QPSK	12	7	23.29	23.45	23.32	24.5	1	
5	QPSK	12	13	23.16	23.19	23.29			
5	QPSK	25	0	23.30	23.37	23.64			
5	16QAM	1	0	23.24	23.32	23.39			
5	16QAM	1	12	23.22	23.34	23.37	24.5	1	
5	16QAM	1	24	23.12	23.33	23.12			
5	16QAM	12	0	22.30	22.41	22.26			
5	16QAM	12	7	22.40	22.33	22.12	23.5	2	
5	16QAM	12	13	22.20	22.25	22.08			
5	16QAM	25	0	22.49	22.30	22.23			
5	64QAM	1	0	22.31	22.51	22.44			
5	64QAM	1	12	22.27	22.31	22.23	23.5	2	
5	64QAM	1	24	22.20	22.38	22.25			
5	64QAM	12	0	21.34	21.43	21.49			
5	64QAM	12	7	21.32	21.32	21.40	22.5	3	
5	64QAM	12	13	21.32	21.33	21.11			
5	64QAM	25	0	21.22	21.40	21.48			
Channel				26705	26865	27025	Tune-up	MPR	
Frequency (MHz)				815.5	831.5	847.5	limit (dBm)	(dB)	
3	QPSK	1	0	24.43	24.33	24.42			
3	QPSK	1	8	24.21	24.14	24.37	25.5	0	
3	QPSK	1	14	24.39	24.33	24.10			
3	QPSK	8	0	23.43	23.41	23.31			
3	QPSK	8	4	23.21	23.49	23.12	24.5	1	
3	QPSK	8	7	23.21	23.34	23.25			
3	QPSK	15	0	23.30	23.30	23.33			
3	16QAM	1	0	23.23	23.41	23.32			
3	16QAM	1	8	23.13	23.34	23.39	24.5	1	
3	16QAM	1	14	23.24	23.41	23.22			
3	16QAM	8	0	22.38	22.30	22.20			
3	16QAM	8	4	22.28	22.18	22.07	23.5	2	
3	16QAM	8	7	22.28	22.24	22.17			
3	16QAM	15	0	22.46	22.36	22.31			
3	64QAM	1	0	22.22	22.37	22.40			
3	64QAM	1	8	22.26	22.23	22.13	23.5	2	
3	64QAM	1	14	22.34	22.36	22.22			
3	64QAM	8	0	21.40	21.41	21.55			
3	64QAM	8	4	21.19	21.21	21.22	22.5	3	
3	64QAM	8	7	21.43	21.26	21.24			
3	64QAM	15	0	21.34	21.40	21.43			
Channel				26697	26865	27033	Tune-up	MPR	
Frequency (MHz)				814.7	831.5	848.3	limit (dBm)	(dB)	
1.4	QPSK	1	0	24.42	24.46	24.31			
1.4	QPSK	1	3	24.25	24.29	24.28	25.5	0	
1.4	QPSK	1	5	24.23	24.42	24.10			
1.4	QPSK	3	0	24.32	24.43	24.28			
1.4	QPSK	3	1	24.27	24.41	24.26			
1.4	QPSK	3	3	24.40	24.38	24.15			
1.4	QPSK	6	0	23.52	23.34	23.28	24.5	1	
1.4	16QAM	1	0	23.33	23.35	23.15			
1.4	16QAM	1	3	23.17	23.20	23.16			
1.4	16QAM	1	5	23.02	23.21	23.06	24.5	1	
1.4	16QAM	3	0	23.23	23.25	23.21			
1.4	16QAM	3	1	23.26	23.42	23.06			
1.4	16QAM	3	3	23.31	23.18	23.06			
1.4	16QAM	6	0	22.47	22.23	22.18	23.5	2	
1.4	64QAM	1	0	22.33	22.40	22.42			
1.4	64QAM	1	3	22.33	22.27	22.17			
1.4	64QAM	1	5	22.26	22.38	22.04	23.5	2	
1.4	64QAM	3	0	22.39	22.36	22.38			
1.4	64QAM	3	1	22.34	22.45	22.26			
1.4	64QAM	3	3	22.42	22.30	22.17			
1.4	64QAM	6	0	21.51	21.28	21.18	22.5	3	

Reduced power level for WWAN

GSM850 Ant0 DS11								
GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	128	189	251	Limit	128	189	251	Limit
Frequency (MHz)	824.2	824.4	824.8	(dBm)	824.2	824.4	824.8	(dBm)
GSM 1 Tx slot	32.15	32.10	31.97	33.50	23.15	23.10	22.97	24.50
GPRS 1 Tx slot	32.21	32.04	31.89	33.50	23.21	23.04	22.89	24.50
GPRS 2 Tx slots	29.43	29.46	29.27	30.50	23.43	23.46	23.27	24.50
GPRS 3 Tx slots	27.33	27.74	27.67	28.50	23.07	23.48	23.41	24.24
GPRS 4 Tx slots	26.00	26.32	26.30	27.50	23.00	23.32	23.30	24.50
EDGE 1 Tx slot	25.94	25.96	25.85	27.50	16.94	16.96	16.85	18.50
EDGE 2 Tx slots	23.17	23.11	23.14	24.50	17.17	17.11	17.14	18.50
EDGE 3 Tx slots	21.19	21.24	21.16	23.00	16.93	16.98	16.90	18.74
EDGE 4 Tx slots	19.84	20.12	20.03	21.50	16.84	17.12	17.03	18.50

GSM1900 Ant0 DS11								
GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	512	661	810	Limit	512	661	810	Limit
Frequency (MHz)	1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot	29.27	29.33	29.21	30.50	20.27	20.33	20.21	21.50
GPRS 1 Tx slot	29.34	29.28	29.10	30.50	20.34	20.28	20.10	21.50
GPRS 2 Tx slots	26.70	26.64	26.39	27.50	20.70	20.64	20.39	21.50
GPRS 3 Tx slots	24.63	24.82	24.61	25.50	20.37	20.56	20.35	21.24
GPRS 4 Tx slots	23.17	23.52	23.43	24.50	20.17	20.52	20.43	21.50
EDGE 1 Tx slot	25.23	25.39	25.18	26.50	18.23	18.39	18.18	17.50
EDGE 2 Tx slots	22.51	22.45	22.27	24.00	16.51	16.45	16.27	18.00
EDGE 3 Tx slots	19.92	19.82	19.73	21.50	15.66	15.56	15.47	17.24
EDGE 4 Tx slots	19.97	19.69	19.85	20.50	16.97	16.69	16.85	17.50

Band	WCDMA II Ant0 DS11			Tune-up Limit (dBm)	WCDMA IV Ant0 DS11			WCDMA V Ant0 DS11			Tune-up Limit (dBm)		
	9262	9400	9538		1312	1413	1513	4132	4182	4233			
TX Channel	9262	9400	9538	Limit	1312	1413	1513	4132	4182	4233	Limit		
RX Channel	9526	9800	9938	(dBm)	1537	1638	1738	4367	4467	4468	(dBm)		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	826.4	836.4	846.8			
3GPP Rel 99	AMR 12.2kbps	24.38	24.33	24.31	25.50	24.26	24.50	24.25	25.50	24.71	24.74	24.72	25.50
3GPP Rel 99	RMC 12.2kbps	24.40	24.43	24.36	25.50	24.13	24.52	24.44	25.50	24.75	24.78	24.69	25.50
3GPP Rel 6	HSDPA Subtest-1	23.80	23.83	23.81	24.50	23.42	23.40	23.39	24.50	23.76	23.81	23.54	24.50
3GPP Rel 6	HSDPA Subtest-2	23.77	23.82	23.80	24.50	23.55	23.47	23.39	24.50	23.82	23.69	23.58	24.50
3GPP Rel 6	HSDPA Subtest-3	22.96	23.26	23.30	24.00	22.96	22.96	22.76	24.00	23.33	23.29	23.20	24.00
3GPP Rel 6	HSDPA Subtest-4	23.31	23.32	23.27	24.00	22.93	22.97	22.90	24.00	23.32	23.34	23.22	24.00
3GPP Rel 6	DC-HSDPA Subtest-1	23.85	23.80	23.79	24.50	23.32	23.42	23.10	24.50	23.82	23.87	23.56	24.50
3GPP Rel 6	DC-HSDPA Subtest-2	23.77	23.87	23.86	24.50	23.40	23.35	23.36	24.50	23.87	23.74	23.56	24.50
3GPP Rel 6	DC-HSDPA Subtest-3	23.02	23.22	23.25	24.00	22.82	22.74	22.71	24.00	23.37	23.30	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-4	23.27	23.37	23.29	24.00	22.79	22.83	22.75	24.00	23.38	23.31	23.10	24.00
3GPP Rel 6	HSUPA Subtest-1	23.46	23.45	23.37	24.50	23.44	23.34	23.25	24.50	23.69	23.75	23.66	24.50
3GPP Rel 6	HSUPA Subtest-2	21.42	21.43	21.33	22.50	21.56	21.46	21.25	22.50	21.78	21.79	21.67	22.50
3GPP Rel 6	HSUPA Subtest-3	22.44	22.47	22.34	23.50	22.41	22.44	22.22	23.50	22.80	22.77	22.64	23.50
3GPP Rel 6	HSUPA Subtest-4	21.45	21.46	21.28	22.50	21.42	21.55	21.43	22.50	21.73	21.78	21.70	22.50
3GPP Rel 6	HSUPA Subtest-5	23.40	23.50	23.40	24.50	23.45	23.53	23.05	24.50	23.78	23.74	23.40	24.50



GSM850 Ant4 DSII

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	33.50	824.2	836.4	848.8	24.50
GSM 1 Tx slot	32.14	32.27	32.11	33.50	23.14	23.27	23.11	24.50
GPRS 1 Tx slot	32.19	32.24	31.97	33.50	23.19	23.24	22.97	24.50
GPRS 2 Tx slots	29.66	29.69	29.46	30.50	23.66	23.59	23.46	24.50
GPRS 3 Tx slots	27.64	27.44	27.85	28.50	23.38	23.18	23.59	24.24
GPRS 4 Tx slots	26.48	26.54	26.45	27.50	23.48	23.54	23.45	24.50
EDGE 1 Tx slot	26.11	26.00	25.97	27.50	17.11	17.00	16.97	18.50
EDGE 2 Tx slots	23.36	23.54	23.16	24.50	17.36	17.54	17.16	18.50
EDGE 3 Tx slots	21.47	21.55	21.29	23.00	17.21	17.29	17.03	18.74
EDGE 4 Tx slots	20.09	20.40	20.13	21.50	17.09	17.40	17.13	18.50

GSM1900 Ant4 DSII

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	26.00	1850.2	1880	1909.8	17.50
GSM 1 Tx slot	24.76	24.65	24.78	26.50	15.76	15.65	15.78	17.50
GPRS 1 Tx slot	24.83	24.69	24.88	26.50	15.83	15.69	15.88	17.50
GPRS 2 Tx slots	24.53	24.43	24.35	26.00	15.53	15.43	15.35	20.00
GPRS 3 Tx slots	24.31	24.38	24.04	25.50	20.05	20.12	19.78	21.24
GPRS 4 Tx slots	22.87	23.10	22.81	24.50	19.87	20.10	19.81	21.50
EDGE 1 Tx slot	24.65	24.83	24.77	26.50	15.65	15.83	15.77	17.50
EDGE 2 Tx slots	22.13	22.28	22.03	24.00	16.13	16.28	16.03	18.00
EDGE 3 Tx slots	20.12	20.23	20.11	21.50	15.86	15.97	15.85	17.24
EDGE 4 Tx slots	19.47	19.75	19.52	20.50	16.47	16.75	16.52	17.50

WCDMA II Ant4 DSII

WCDMA IV Ant4 DSII

WCDMA V Ant4 DSII

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9400	9538	20.50	1312	1413	1513	20.50	4132	4182	4233	20.50	
Rx Channel	9662	9800	9938	20.50	1637	1638	1738	20.50	4357	4407	4458	20.50	
Frequency (MHz)	1852.4	1880	1907.6	20.50	1712.4	1732.6	1752.6	20.50	826.4	836.4	846.6	20.50	
3GPP Rel 99	AMR 12.2kbps	19.32	19.43	19.14	20.50	20.68	20.82	20.84	21.50	23.42	23.52	23.51	24.50
3GPP Rel 99	AMR 12.2kbps	19.51	19.57	19.42	20.50	20.71	20.90	20.88	21.50	23.56	23.62	23.48	24.50
3GPP Rel 6	HSDPA Subtest-1	18.33	18.46	18.27	19.50	19.91	19.92	20.01	20.50	22.34	22.55	22.42	23.50
3GPP Rel 6	HSDPA Subtest-2	18.37	18.48	18.26	19.50	19.78	19.86	19.83	20.50	22.48	22.59	22.57	23.50
3GPP Rel 6	HSDPA Subtest-3	17.73	17.94	17.61	19.00	19.33	19.45	19.53	20.00	21.88	21.94	21.99	23.00
3GPP Rel 6	HSDPA Subtest-4	17.75	17.90	17.78	19.00	19.30	19.43	19.49	20.00	22.11	22.02	22.10	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	18.43	18.39	18.22	19.50	19.73	19.79	20.02	20.50	22.23	22.34	22.67	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	18.26	18.42	18.26	19.50	19.69	19.84	19.74	20.50	22.50	22.40	22.31	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.73	17.84	17.54	19.00	19.13	19.35	19.42	20.00	21.66	22.08	21.89	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.97	18.02	17.67	19.00	19.08	19.21	19.47	20.00	21.93	21.88	21.90	23.00
3GPP Rel 6	HSUPA Subtest-1	18.33	18.30	18.24	19.50	19.78	19.90	20.00	20.50	22.39	22.46	22.39	23.50
3GPP Rel 6	HSUPA Subtest-2	16.14	16.35	16.20	17.50	17.80	17.91	17.97	18.50	20.46	20.41	20.17	21.50
3GPP Rel 6	HSUPA Subtest-3	17.35	17.29	17.15	18.50	18.78	18.88	18.98	19.50	21.39	21.47	21.47	22.50
3GPP Rel 6	HSUPA Subtest-4	16.37	16.37	16.17	17.50	17.78	17.87	17.99	18.50	20.52	20.36	20.57	21.50
3GPP Rel 6	HSUPA Subtest-5	18.27	18.22	18.10	19.50	19.70	19.90	20.00	20.50	22.28	22.35	22.42	23.50

GSM850 An4 DS12

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	33.50	23.14	23.27	23.11	24.50
GSM 1 Tx slot	32.14	32.27	32.11	33.50	23.14	23.27	23.11	24.50
GPRS 1 Tx slot	32.19	32.24	31.97	33.50	23.19	23.24	22.97	24.50
GPRS 2 Tx slots	29.66	29.59	29.46	30.50	23.66	23.59	23.46	24.50
GPRS 3 Tx slots	27.64	27.44	27.85	28.50	23.38	23.18	23.59	24.24
GPRS 4 Tx slots	26.48	26.54	26.45	27.50	23.48	23.54	23.45	24.50
EDGE 1 Tx slot	26.11	26.30	25.97	27.50	17.11	17.00	16.97	18.50
EDGE 2 Tx slots	23.36	23.54	23.16	24.50	17.36	17.54	17.16	18.50
EDGE 3 Tx slots	21.47	21.55	21.29	23.00	17.21	17.29	17.03	18.74
EDGE 4 Tx slots	20.09	20.40	20.13	21.50	17.09	17.40	17.13	18.50

GSM1900 An4 DS12

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1860	1870.8	30.50	18.50	18.60	18.63	21.50
GSM 1 Tx slot	28.99	28.98	28.84	30.50	19.99	19.98	19.84	21.50
GPRS 1 Tx slot	29.04	28.89	28.79	30.50	20.04	19.89	19.79	21.50
GPRS 2 Tx slots	26.39	26.52	26.51	27.50	20.39	20.52	20.51	21.50
GPRS 3 Tx slots	24.31	24.38	24.04	26.50	20.05	20.12	19.78	21.24
GPRS 4 Tx slots	22.87	23.10	22.81	24.50	19.87	20.10	19.81	21.50
EDGE 1 Tx slot	24.76	24.91	24.63	26.50	15.76	15.91	15.63	17.50
EDGE 2 Tx slots	22.18	22.25	22.24	24.00	16.18	16.25	16.24	18.00
EDGE 3 Tx slots	19.51	19.57	19.54	21.50	15.25	15.31	15.28	17.24
EDGE 4 Tx slots	19.29	19.04	19.40	20.50	16.29	16.04	16.40	17.50

WCDMA II An4 DS12

WCDMA IV

WCDMA V

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458			
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6			
3GPP Rel 99 AMR 12.2kbps	23.28	23.34	23.19	24.50	23.75	23.78	23.80	24.50	24.70	24.72	24.71	25.50
3GPP Rel 99 RMC 12.2kbps	23.31	23.36	23.20	24.50	23.73	23.83	23.81	24.50	24.71	24.73	24.68	25.50
3GPP Rel 6 HSDPA Subtest-1	22.33	22.38	22.21	23.50	22.83	22.89	22.90	23.50	23.82	23.80	23.72	24.50
3GPP Rel 6 HSDPA Subtest-2	22.35	22.36	22.23	23.50	22.87	22.89	22.92	23.50	23.78	23.79	23.71	24.50
3GPP Rel 6 HSDPA Subtest-3	21.83	21.85	21.71	23.00	22.36	22.40	22.06	23.00	23.29	23.32	23.16	24.00
3GPP Rel 6 HSDPA Subtest-4	21.86	21.86	21.67	23.00	22.32	22.39	22.44	23.00	23.26	22.95	23.21	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	22.36	22.48	22.11	23.50	22.85	22.83	22.84	23.50	23.81	23.88	23.70	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	22.25	22.46	22.26	23.50	22.77	22.82	22.81	23.50	23.80	23.76	23.60	24.50
3GPP Rel 8 DC-HSDPA Subtest-3	21.78	21.90	21.65	23.00	22.37	22.36	22.01	23.00	23.27	23.22	23.27	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	21.96	21.96	21.60	23.00	22.31	22.49	22.50	23.00	23.29	23.00	23.23	24.00
3GPP Rel 6 HSUPA Subtest-1	22.31	22.36	22.20	23.50	22.86	22.86	22.90	23.50	23.74	23.72	23.62	24.50
3GPP Rel 6 HSUPA Subtest-2	20.25	20.28	20.19	21.50	20.83	20.78	20.79	21.50	21.74	21.70	21.64	22.50
3GPP Rel 6 HSUPA Subtest-3	21.29	21.33	21.22	22.50	21.84	21.90	21.88	22.50	22.71	22.73	22.65	23.50
3GPP Rel 6 HSUPA Subtest-4	20.30	20.35	20.28	21.50	20.84	20.89	20.87	21.50	21.72	21.77	21.67	22.50
3GPP Rel 6 HSUPA Subtest-5	22.30	22.25	22.20	23.50	22.80	22.85	22.90	23.50	23.70	23.65	23.60	24.50

GSM850 Ant0 DS4

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.15	32.10	31.97	33.50	23.15	23.10	22.97	24.50
GPRS 1 Tx slot	32.21	32.04	31.89	33.50	23.21	23.04	22.89	24.50
GPRS 2 Tx slots	29.43	29.46	29.27	30.50	23.43	23.46	23.27	24.50
GPRS 3 Tx slots	27.33	27.74	27.67	28.50	23.07	23.48	23.41	24.24
GPRS 4 Tx slots	26.00	26.32	26.30	27.50	23.00	23.32	23.30	24.50
EDGE 1 Tx slot	25.94	25.96	25.85	27.50	16.94	16.96	16.85	18.50
EDGE 2 Tx slots	23.17	23.11	23.14	24.50	17.17	17.11	17.14	18.50
EDGE 3 Tx slots	21.19	21.24	21.16	23.00	16.93	16.98	16.90	18.74
EDGE 4 Tx slots	19.84	20.12	20.03	21.50	16.84	17.12	17.03	18.50

GSM1900 Ant0 DS4

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.66	27.81	27.69	28.50	18.66	18.81	18.69	19.50
GPRS 1 Tx slot	27.69	27.75	27.67	28.50	18.69	18.75	18.67	19.50
GPRS 2 Tx slots	27.16	27.20	27.12	27.50	21.16	21.20	21.12	21.50
GPRS 3 Tx slots	24.05	24.06	24.09	24.50	19.79	19.80	19.83	20.24
GPRS 4 Tx slots	23.07	23.15	23.08	24.50	20.07	20.15	20.08	21.50
EDGE 1 Tx slot	23.04	23.09	23.08	23.50	14.04	14.09	14.08	14.50
EDGE 2 Tx slots	23.04	23.01	22.99	23.50	17.04	17.01	16.99	17.50
EDGE 3 Tx slots	20.59	20.36	20.63	21.50	16.33	16.10	16.37	17.24
EDGE 4 Tx slots	19.27	19.03	19.18	19.50	16.27	16.03	16.18	16.50

WCDMA II Ant0 DS4

WCDMA IV Ant0 DS4

WCDMA V Ant0 DS4

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1637	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2kbps	21.24	21.23	21.12	22.50	22.47	22.52	22.41	23.50	24.71	24.74	24.72	25.50
3GPP Rel 99	RMC 12.2kbps	21.30	21.33	21.14	22.50	22.40	22.56	22.51	23.50	24.75	24.78	24.69	25.50
3GPP Rel 6	HSDPA Subtest-1	20.30	20.23	19.99	21.50	21.70	21.58	21.52	22.50	23.76	23.81	23.54	24.50
3GPP Rel 6	HSDPA Subtest-2	20.34	20.24	20.01	21.50	21.78	21.71	21.60	22.50	23.82	23.69	23.58	24.50
3GPP Rel 6	HSDPA Subtest-3	19.79	19.78	19.96	21.00	20.98	21.08	21.14	22.00	23.33	23.29	23.20	24.00
3GPP Rel 6	HSDPA Subtest-4	19.80	19.75	19.82	21.00	21.11	21.31	21.21	22.00	23.32	23.34	23.22	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.32	20.20	19.93	21.50	21.45	21.57	21.63	22.50	23.82	23.87	23.56	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.31	20.24	19.99	21.50	21.54	21.65	21.68	22.50	23.87	23.74	23.56	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.79	19.70	19.46	21.00	21.10	20.94	21.14	22.00	23.37	23.30	23.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	19.76	19.71	19.44	21.00	21.07	21.00	21.09	22.00	23.38	23.31	23.18	24.00
3GPP Rel 6	HSUPA Subtest-1	20.30	20.24	20.10	21.50	21.76	21.59	21.65	22.50	23.69	23.75	23.66	24.50
3GPP Rel 6	HSUPA Subtest-2	18.31	18.25	18.17	19.50	19.71	19.64	19.65	20.50	21.78	21.79	21.67	22.50
3GPP Rel 6	HSUPA Subtest-3	19.32	19.24	19.22	20.50	20.71	20.67	20.48	21.50	22.80	22.77	22.64	23.50
3GPP Rel 6	HSUPA Subtest-4	18.34	18.21	18.13	19.50	19.46	19.63	19.46	20.50	21.73	21.78	21.70	22.50
3GPP Rel 6	HSUPA Subtest-5	20.30	20.20	20.16	21.50	21.44	21.59	21.76	22.50	23.78	23.74	23.40	24.50



GSM850 Ant4 DS4

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.14	32.27	32.11	33.50	23.14	23.27	23.11	24.50
GPRS 1 Tx slot	32.19	32.24	31.97	33.50	23.19	23.24	22.97	24.50
GPRS 2 Tx slots	29.66	29.69	29.46	30.50	23.66	23.59	23.46	24.50
GPRS 3 Tx slots	27.64	27.44	27.85	28.50	23.38	23.18	23.59	24.24
GPRS 4 Tx slots	26.48	26.54	26.45	27.50	23.48	23.54	23.45	24.50
EDGE 1 Tx slot	26.11	26.00	25.97	27.50	17.11	17.00	16.97	18.50
EDGE 2 Tx slots	23.36	23.54	23.16	24.50	17.36	17.54	17.16	18.50
EDGE 3 Tx slots	21.47	21.55	21.29	23.00	17.21	17.29	17.03	18.74
EDGE 4 Tx slots	20.09	20.40	20.13	21.50	17.09	17.40	17.13	18.50

GSM1900 Ant4 DS4

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	27.98	27.90	27.83	29.50	18.98	18.90	18.83	20.50
GPRS 1 Tx slot	28.02	27.92	27.86	29.50	19.02	18.92	18.86	20.50
GPRS 2 Tx slots	26.42	26.50	26.34	27.50	20.42	20.50	20.34	21.50
GPRS 3 Tx slots	24.35	24.51	24.29	25.50	20.09	20.25	20.03	21.24
GPRS 4 Tx slots	23.16	23.17	23.15	24.50	20.16	20.17	20.15	21.50
EDGE 1 Tx slot	24.39	24.60	24.44	25.50	15.39	15.60	15.44	16.50
EDGE 2 Tx slots	22.31	22.16	22.03	24.00	16.31	16.16	16.03	18.00
EDGE 3 Tx slots	19.76	19.56	19.49	21.00	15.50	15.30	15.23	16.74
EDGE 4 Tx slots	19.37	19.40	19.11	20.50	16.37	16.40	16.11	17.50

WCDMA II Ant4 DS4

WCDMA IV Ant4 DS4

WCDMA V Ant4 DS4

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1637	1638	1738		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2kbps	21.39	21.24	21.11	22.50	22.45	22.44	22.41	23.50	24.70	24.72	24.71	25.50
3GPP Rel 99	AMR 12.2kbps	21.34	21.42	21.13	22.50	22.48	22.51	22.47	23.50	24.71	24.73	24.68	25.50
3GPP Rel 6	HSDPA Subtest-1	20.42	20.48	20.24	21.50	21.53	21.63	21.58	22.50	23.82	23.80	23.72	24.50
3GPP Rel 6	HSDPA Subtest-2	20.41	20.37	20.16	21.50	21.67	21.66	21.61	22.50	23.78	23.79	23.71	24.50
3GPP Rel 6	HSDPA Subtest-3	19.82	19.67	19.71	21.00	21.17	21.19	20.87	22.00	23.28	23.32	23.16	24.00
3GPP Rel 6	HSDPA Subtest-4	19.85	19.90	19.62	21.00	21.11	21.19	21.24	22.00	23.28	22.85	23.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	20.24	20.49	20.01	21.50	21.77	21.68	21.69	22.50	23.81	23.88	23.70	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	20.17	20.47	20.24	21.50	21.58	21.71	21.66	22.50	23.80	23.76	23.60	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	19.86	19.84	19.70	21.00	21.06	21.04	20.92	22.00	23.27	23.22	23.27	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	20.06	19.86	19.69	21.00	21.09	21.36	21.22	22.00	23.29	23.00	23.23	24.00
3GPP Rel 6	HSUPA Subtest-1	20.23	20.41	20.09	21.50	21.67	21.73	21.59	22.50	23.74	23.72	23.62	24.50
3GPP Rel 6	HSUPA Subtest-2	18.34	18.37	18.15	19.50	19.58	19.63	19.68	20.50	21.74	21.70	21.64	22.50
3GPP Rel 6	HSUPA Subtest-3	19.19	19.44	19.12	20.50	20.60	20.59	20.77	21.50	22.71	22.73	22.65	23.50
3GPP Rel 6	HSUPA Subtest-4	18.42	18.37	18.35	19.50	19.70	19.70	19.64	20.50	21.72	21.77	21.67	22.50
3GPP Rel 6	HSUPA Subtest-5	20.24	20.35	20.08	21.50	21.58	21.63	21.66	22.50	23.70	23.65	23.60	24.50



Band 26 DS11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	21.43	21.59	21.43	22.5	0
15	QPSK	1	37	21.29	21.34	21.29		
15	QPSK	1	74	21.15	21.30	21.33		
15	QPSK	36	0	21.42	21.53	21.52	22.5	0
15	QPSK	36	20	21.50	21.51	21.29		
15	QPSK	36	39	21.19	21.36	21.36		
15	QPSK	75	0	21.35	21.46	21.25	22.5	0
15	16QAM	1	0	21.34	21.40	21.19		
15	16QAM	1	37	21.38	21.33	21.15		
15	16QAM	1	74	21.29	21.37	21.18	22.5	0
15	16QAM	36	0	21.28	21.35	21.38		
15	16QAM	36	20	21.29	21.37	21.32		
15	16QAM	36	39	21.08	21.32	21.18	22.5	0
15	16QAM	75	0	21.30	21.27	21.20		
15	64QAM	1	0	21.10	21.28	21.27		
15	64QAM	1	37	20.99	21.19	20.98	22.5	0
15	64QAM	1	74	21.39	21.32	21.22		
15	64QAM	36	0	21.27	21.31	21.08		
15	64QAM	36	20	21.23	21.35	21.13	22.5	0
15	64QAM	36	39	21.27	21.21	21.14		
15	64QAM	75	0	21.37	21.41	21.23		
Channel				874.0	886.5	899.0		
Frequency (MHz)				810	831.5	844		
10	QPSK	1	0	21.32	21.32	21.25	22.5	0
10	QPSK	1	25	21.24	21.20	21.18		
10	QPSK	1	49	21.10	21.30	21.37		
10	QPSK	25	0	21.18	21.31	21.32	22.5	0
10	QPSK	25	12	21.25	21.38	21.08		
10	QPSK	25	25	21.10	21.27	21.10		
10	QPSK	50	0	21.25	21.28	21.20	22.5	0
10	16QAM	1	0	21.14	21.20	21.14		
10	16QAM	1	25	21.18	21.20	21.00		
10	16QAM	1	49	21.28	21.19	21.07	22.5	0
10	16QAM	25	0	21.10	21.30	21.18		
10	16QAM	25	12	21.05	21.31	21.16		
10	16QAM	25	25	21.17	21.15	21.03	22.5	0
10	16QAM	50	0	21.30	21.16	21.25		
10	64QAM	1	0	21.09	21.17	20.97		
10	64QAM	1	25	20.87	21.14	20.96	22.5	0
10	64QAM	1	49	21.21	21.24	21.30		
10	64QAM	25	0	21.09	21.22	21.06		
10	64QAM	25	12	21.09	21.23	21.01	22.5	0
10	64QAM	25	25	21.16	21.22	21.19		
10	64QAM	50	0	21.18	21.26	21.14		
Channel				867.5	886.5	891.5		
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	21.39	21.39	21.34	22.5	0
5	QPSK	1	12	21.37	21.38	21.34		
5	QPSK	1	24	21.11	21.23	21.30		
5	QPSK	12	0	21.22	21.33	21.44	22.5	0
5	QPSK	12	7	21.40	21.37	21.04		
5	QPSK	12	13	21.09	21.32	21.13		
5	QPSK	25	0	21.06	21.36	21.07	22.5	0
5	16QAM	1	0	21.11	21.30	21.11		
5	16QAM	1	12	21.22	21.30	20.97		
5	16QAM	1	24	21.21	21.26	20.99	22.5	0
5	16QAM	12	0	21.13	21.16	21.18		
5	16QAM	12	7	21.12	21.28	21.10		
5	16QAM	12	13	21.15	21.15	21.11	22.5	0
5	16QAM	25	0	21.12	21.24	21.26		
5	64QAM	1	0	21.02	21.11	21.12		
5	64QAM	1	12	21.02	21.24	20.86	22.5	0
5	64QAM	1	24	21.30	21.13	21.17		
5	64QAM	12	0	21.15	21.07	20.98		
5	64QAM	12	7	21.17	21.30	21.01	22.5	0
5	64QAM	12	13	21.25	21.21	21.21		
5	64QAM	25	0	21.13	21.31	21.24		
Channel				870.0	886.5	891.5		
Frequency (MHz)				815.5	831.5	847.5		
3	QPSK	1	0	21.40	21.39	21.42	22.5	0
3	QPSK	1	8	21.27	21.41	21.23		
3	QPSK	1	14	21.18	21.36	21.22		
3	QPSK	8	0	21.08	21.39	21.44	22.5	0
3	QPSK	8	4	21.25	21.39	21.26		
3	QPSK	8	7	21.11	21.23	21.09		
3	QPSK	15	0	21.05	21.26	21.08	22.5	0
3	16QAM	1	0	21.20	21.38	21.08		
3	16QAM	1	8	21.27	21.17	21.01		
3	16QAM	1	14	21.21	21.12	21.04	22.5	0
3	16QAM	8	0	21.09	21.25	21.25		
3	16QAM	8	4	21.09	21.16	21.14		
3	16QAM	8	7	21.06	21.20	21.01	22.5	0
3	16QAM	15	0	21.16	21.26	21.27		
3	64QAM	1	0	21.15	21.29	21.03		
3	64QAM	1	8	20.98	21.04	21.02	22.5	0
3	64QAM	1	14	21.31	21.26	21.17		
3	64QAM	8	0	20.99	21.19	20.94		
3	64QAM	8	4	21.21	21.36	21.09	22.5	0
3	64QAM	8	7	21.19	21.15	21.05		
3	64QAM	15	0	21.21	21.38	21.13		
Channel				859.7	886.5	893.3		
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	21.45	21.51	21.25	22.5	0
1.4	QPSK	1	3	21.34	21.31	21.13		
1.4	QPSK	1	5	21.14	21.31	21.23		
1.4	QPSK	3	0	21.09	21.40	21.27	22.5	0
1.4	QPSK	3	1	21.25	21.40	21.07		
1.4	QPSK	3	3	20.95	21.36	21.26		
1.4	QPSK	6	0	21.21	21.42	21.09	22.5	0
1.4	16QAM	1	0	21.23	21.24	21.06		
1.4	16QAM	1	3	21.16	21.29	21.03		
1.4	16QAM	1	5	21.10	21.18	21.05	22.5	0
1.4	16QAM	3	0	21.13	21.12	21.26		
1.4	16QAM	3	1	21.02	21.16	21.30		
1.4	16QAM	3	3	21.01	21.07	21.07	22.5	0
1.4	16QAM	6	0	21.18	21.18	21.25		
1.4	64QAM	1	0	21.18	21.27	21.17		
1.4	64QAM	1	3	20.99	21.14	20.91	22.5	0
1.4	64QAM	1	5	21.37	21.18	21.25		
1.4	64QAM	3	0	20.98	21.22	21.00		
1.4	64QAM	3	1	21.01	21.32	21.07	22.5	0
1.4	64QAM	3	3	21.31	21.16	21.15		
1.4	64QAM	6	0	21.34	21.36	21.12		



Uplink CA Power

Ant 0 Full Power		DS1&2									
CA_7C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	2	0	24.05	25.50	
21100	21298	QPSK	1	99	1	0	2	0	24.27	25.50	
21350	21152	QPSK	1	0	1	99	2	0	24.29	25.50	
20850	21048	QPSK	1	49	50	0	2	0	23.06	24.50	
21100	21298	QPSK	1	49	50	0	2	0	23.34	24.50	
21350	21152	QPSK	50	0	1	49	2	0	23.21	24.50	

Ant 0 Full Power		DS1&2									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	2	0	24.50	25.50	
37901	38099	QPSK	1	99	1	0	2	0	24.43	25.50	
38150	37952	QPSK	1	0	1	99	2	0	24.45	25.50	
37850	38048	QPSK	1	49	50	0	2	0	23.38	24.50	
37901	38099	QPSK	1	49	50	0	2	0	23.61	24.50	
38150	37952	QPSK	50	0	1	49	2	0	23.47	24.50	

Ant 4 Full Power		DS12									
CA_7C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	2	0	22.50	23.50	
21100	21298	QPSK	1	99	1	0	2	0	22.58	23.50	
21350	21152	QPSK	1	0	1	99	2	0	22.21	23.50	
20850	21048	QPSK	1	49	50	0	2	0	21.34	22.50	
21100	21298	QPSK	1	49	50	0	2	0	21.50	22.50	
21350	21152	QPSK	50	0	1	49	2	0	21.40	22.50	

Ant 4 Full Power		DS12									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	2	0	22.60	23.50	
37901	38099	QPSK	1	99	1	0	2	0	22.82	23.50	
38150	37952	QPSK	1	0	1	99	2	0	22.59	23.50	
37850	38048	QPSK	1	49	50	0	2	0	21.52	22.50	
37901	38099	QPSK	1	49	50	0	2	0	21.66	22.50	
38150	37952	QPSK	50	0	1	49	2	0	21.59	22.50	

Ant 0 Down Power		DS14									
CA_7C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	2	0	20.13	21.00	
21100	21298	QPSK	1	99	1	0	2	0	20.18	21.00	
21350	21152	QPSK	1	0	1	99	2	0	19.99	21.00	
20850	21048	QPSK	1	49	50	0	2	0	19.99	21.00	
21100	21298	QPSK	1	49	50	0	2	0	20.01	21.00	
21350	21152	QPSK	50	0	1	49	2	0	20.00	21.00	

Ant 0 Down Power		DS14									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	2	0	20.89	22.00	
37901	38099	QPSK	1	99	1	0	2	0	20.85	22.00	
38150	37952	QPSK	1	0	1	99	2	0	20.82	22.00	
37850	38048	QPSK	1	49	50	0	2	0	20.60	22.00	
37901	38099	QPSK	1	49	50	0	2	0	20.66	22.00	
38150	37952	QPSK	50	0	1	49	2	0	20.58	22.00	

Ant 4 Down Power		DS11									
CA_7C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	2	0	18.27	19.00	
21100	21298	QPSK	1	99	1	0	2	0	18.22	19.00	
21350	21152	QPSK	1	0	1	99	2	0	18.18	19.00	
20850	21048	QPSK	1	49	50	0	2	0	18.14	19.00	
21100	21298	QPSK	1	49	50	0	2	0	18.11	19.00	
21350	21152	QPSK	50	0	1	49	2	0	18.14	19.00	

Ant 4 Down Power		DS11									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	2	0	19.86	20.50	
37901	38099	QPSK	1	99	1	0	2	0	19.92	20.50	
38150	37952	QPSK	1	0	1	99	2	0	19.90	20.50	
37850	38048	QPSK	1	49	50	0	2	0	19.85	20.50	
37901	38099	QPSK	1	49	50	0	2	0	19.88	20.50	
38150	37952	QPSK	50	0	1	49	2	0	19.78	20.50	

Ant 4 Down Power		DS14									
CA_7C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	99	1	0	2	0	19.58	20.50	
21100	21298	QPSK	1	99	1	0	2	0	19.69	20.50	
21350	21152	QPSK	1	0	1	99	2	0	19.64	20.50	
20850	21048	QPSK	1	49	50	0	2	0	19.63	20.50	
21100	21298	QPSK	1	49	50	0	2	0	19.67	20.50	
21350	21152	QPSK	50	0	1	49	2	0	19.66	20.50	

Ant 4 Down Power		DS14									
CA_38C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	99	1	0	2	0	21.32	22.00	
37901	38099	QPSK	1	99	1	0	2	0	21.28	22.00	
38150	37952	QPSK	1	0	1	99	2	0	21.26	22.00	
37850	38048	QPSK	1	49	50	0	2	0	21.09	22.00	
37901	38099	QPSK	1	49	50	0	2	0	21.19	22.00	
38150	37952	QPSK	50	0	1	49	2	0	21.15	22.00	



Ant 0 Full Power		DS11&2									
CA_41C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	99	1	0	2	0	24.46	25.50	
40185	40383	QPSK	1	99	1	0	2	0	24.56	25.50	
40620	40818	QPSK	1	99	1	0	2	0	24.65	25.50	
41055	41253	QPSK	1	99	1	0	2	0	24.42	25.50	
41490	41292	QPSK	1	0	1	99	2	0	24.58	25.50	
39750	39948	QPSK	1	49	50	0	2	0	23.61	24.50	
40185	40383	QPSK	1	49	50	0	2	0	23.62	24.50	
40620	40818	QPSK	1	49	50	0	2	0	23.76	24.50	
41055	41253	QPSK	1	49	50	0	2	0	23.70	24.50	
41490	41292	QPSK	50	0	1	49	2	0	23.70	24.50	

Ant 4 Full Power		DS12									
CA_41C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	99	1	0	2	0	22.52	23.50	
40185	40383	QPSK	1	99	1	0	2	0	22.45	23.50	
40620	40818	QPSK	1	99	1	0	2	0	22.76	23.50	
41055	41253	QPSK	1	99	1	0	2	0	22.63	23.50	
41490	41292	QPSK	1	0	1	99	2	0	22.58	23.50	
39750	39948	QPSK	1	49	50	0	2	0	21.58	22.50	
40185	40383	QPSK	1	49	50	0	2	0	21.70	22.50	
40620	40818	QPSK	1	49	50	0	2	0	21.84	22.50	
41055	41253	QPSK	1	49	50	0	2	0	21.66	22.50	
41490	41292	QPSK	50	0	1	49	2	0	21.67	22.50	

Ant 0 Down Power		DS14									
CA_41C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	99	1	0	2	0	22.12	23.00	
40185	40383	QPSK	1	99	1	0	2	0	22.13	23.00	
40620	40818	QPSK	1	99	1	0	2	0	22.14	23.00	
41055	41253	QPSK	1	99	1	0	2	0	21.97	23.00	
41490	41292	QPSK	1	0	1	99	2	0	21.95	23.00	
39750	39948	QPSK	1	49	50	0	2	0	21.98	23.00	
40185	40383	QPSK	1	49	50	0	2	0	21.90	23.00	
40620	40818	QPSK	1	49	50	0	2	0	21.89	23.00	
41055	41253	QPSK	1	49	50	0	2	0	21.94	23.00	
41490	41292	QPSK	50	0	1	49	2	0	22.00	23.00	

Ant 4 Down Power		DS11									
CA_41C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	99	1	0	2	0	20.76	21.50	
40185	40383	QPSK	1	99	1	0	2	0	20.78	21.50	
40620	40818	QPSK	1	99	1	0	2	0	20.84	21.50	
41055	41253	QPSK	1	99	1	0	2	0	20.75	21.50	
41490	41292	QPSK	1	0	1	99	2	0	20.83	21.50	
39750	39948	QPSK	1	49	50	0	2	0	20.83	21.50	
40185	40383	QPSK	1	49	50	0	2	0	20.72	21.50	
40620	40818	QPSK	1	49	50	0	2	0	20.89	21.50	
41055	41253	QPSK	1	49	50	0	2	0	20.84	21.50	
41490	41292	QPSK	50	0	1	49	2	0	20.68	21.50	

Ant 4 Down Power		DS14									
CA_41C											
Combination 20MHz+20MHz (1RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	99	1	0	2	0	21.55	22.00	
40185	40383	QPSK	1	99	1	0	2	0	21.41	22.00	
40620	40818	QPSK	1	99	1	0	2	0	21.44	22.00	
41055	41253	QPSK	1	99	1	0	2	0	21.41	22.00	
41490	41292	QPSK	1	0	1	99	2	0	21.53	22.00	
39750	39948	QPSK	1	49	50	0	2	0	20.63	22.00	
40185	40383	QPSK	1	49	50	0	2	0	20.67	22.00	
40620	40818	QPSK	1	49	50	0	2	0	20.58	22.00	
41055	41253	QPSK	1	49	50	0	2	0	20.57	22.00	
41490	41292	QPSK	50	0	1	49	2	0	20.58	22.00	



DL CA Power

2CA DL

Configure	PCC										SCC				Power	
	4x4 MIMO	LTE	Ant	BW (MHz)	UL		Mod.	UL#		UL	LTE	BW (MHz)	DL		Tx. Power (dBm)	Tx. Power (dBm)
		Band			Freq. (MHz)	Channel		RB	RB Offset		Band		Freq. (MHz)	Channel		
CA_2C	Band 2	Ant0	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	22.47	22.53		
CA_4A-17A	LTE Band 4	Band 4	Ant0	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	24.10	24.25	
	LTE Band 4	Band 4	Ant4	10M	1732.5	20175	QPSK	1	0	Band 17	10M	740	5790	23.44	23.46	
	LTE Band 4	Band 17	Ant0	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	24.62	24.68	
	LTE Band 4	Band 17	Ant4	10M	710	23790	QPSK	1	0	Band 4	10M	2132.5	2175	24.73	24.74	
CA_5A-41A	LTE Band 41	Band 5	Ant0	10M	836.5	20525	QPSK	1	0	Band 41	20M	2598	40670	24.34	24.35	
	LTE Band 41	Band 5	Ant4	10M	836.5	20525	QPSK	1	0	Band 41	20M	2598	40670	24.35	24.41	
	LTE Band 41	Band 41	Ant0	20M	2598	40670	QPSK	1	0	Band 5	10M	881.5	2525	24.65	24.68	
	LTE Band 41	Band 41	Ant4	20M	2598	40670	QPSK	1	0	Band 5	10M	881.5	2525	22.76	22.89	
CA_7C	LTE Band 7	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	24.32	24.39	
	LTE Band 7	Band 7	Ant4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	22.63	22.67	
CA_7A-26A	LTE Band 7	Band 7	Ant0	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	24.26	24.39	
	LTE Band 7	Band 7	Ant4	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	22.56	22.67	
	LTE Band 7	Band 26	Ant0	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100	24.34	24.39	
	LTE Band 7	Band 26	Ant4	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100	22.65	22.67	
CA_38C	LTE Band 38	Band 38	Ant0	20M	2595	38000	QPSK	1	0	Band 38	20M	2617.5	38225	24.63	24.64	
	LTE Band 38	Band 38	Ant4	20M	2595	38000	QPSK	1	0	Band 38	20M	2617.5	38225	22.73	22.85	
CA_41C	LTE Band 41	Band 41	Ant0	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	24.64	24.68	
	LTE Band 41	Band 41	Ant4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	22.81	22.89	



Full Power level/Default Power level for 5G NR

n5 Ant0 Default Power DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.87	24.95	24.88	25.5	0.0
20	PI/2 BPSK	1	53	24.79	24.91	24.89		
20	PI/2 BPSK	1	104	24.74	24.72	24.64		
20	PI/2 BPSK	50	0	24.41	24.32	24.29	25.0	0.5
20	PI/2 BPSK	50	28	24.91	24.86	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.32	24.28	24.16	25.0	0.5
20	PI/2 BPSK	100	0	24.36	24.40	24.33		
20	QPSK	1	1	24.86	24.97	24.91		
20	QPSK	1	53	24.92	24.87	24.83	25.5	0.0
20	QPSK	1	104	24.59	24.66	24.66		
20	QPSK	50	0	23.94	23.91	23.83		
20	QPSK	50	28	24.88	24.94	24.87	24.5	1.0
20	QPSK	50	56	23.83	23.85	23.84	24.5	1.0
20	QPSK	100	0	23.82	23.86	23.80		
20	16QAM	1	1	23.84	23.89	23.80		
20	64QAM	1	1	22.50	22.62	22.67	23.0	2.5
20	256QAM	1	1	20.25	20.24	20.19	21.0	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	QPSK	1	1	24.84	24.88	24.86	25.5	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	QPSK	1	1	24.75	24.90	24.71	25.5	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	QPSK	1	1	24.71	24.93	24.81	25.5	0.0

n7 Ant0 Default Power DFT-15								
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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.68	24.78	24.80	25.5	0.0
20	PI/2 BPSK	1	53	24.72	24.79	24.72		
20	PI/2 BPSK	1	104	24.74	24.82	24.69		
20	PI/2 BPSK	50	0	24.24	24.29	24.33	25.0	0.5
20	PI/2 BPSK	50	28	24.72	24.84	24.76	25.5	0.0
20	PI/2 BPSK	50	56	24.19	24.29	24.27	25.0	0.5
20	PI/2 BPSK	100	0	24.35	24.38	24.37		
20	QPSK	1	1	24.80	24.85	24.79		
20	QPSK	1	53	24.59	24.62	24.58	25.5	0.0
20	QPSK	1	104	24.80	24.82	24.78		
20	QPSK	50	0	24.00	23.98	23.92		
20	QPSK	50	28	24.67	24.84	24.82	24.5	1.0
20	QPSK	50	56	23.97	23.87	23.77	24.5	1.0
20	QPSK	100	0	23.92	23.94	23.88		
20	16QAM	1	1	23.68	23.71	23.63		
20	64QAM	1	1	22.50	22.48	22.54	23.0	2.5
20	256QAM	1	1	20.10	20.15	20.19	21.0	4.5
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	1	24.58	24.80	24.79	25.5	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	1	24.42	24.73	24.63	-25.5	0.0
Channel				500500	507000	513500	Tune-up limit	MPR
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)
5	QPSK	1	1	24.47	24.82	24.58	25.5	0.0



n38 Ant0 Default Power DFT-30

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				519004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	24.80	24.89	24.78		
40	PI2 BPSK	1	53	24.83	24.87	24.96		0.0
40	PI2 BPSK	1	104	24.93	24.85	24.79		25.0
40	PI2 BPSK	50	0	24.43	24.34	24.35		25.0
40	PI2 BPSK	50	28	24.85	24.81	24.82		25.0
40	PI2 BPSK	50	56	24.31	24.35	24.29		25.0
40	PI2 BPSK	100	0	24.17	24.28	24.26		25.0
40	QPSK	1	1	24.98	24.99	24.95		0.0
40	QPSK	1	53	24.85	24.95	24.93		25.5
40	QPSK	1	104	24.86	24.92	24.89		25.5
40	QPSK	50	0	23.88	23.90	23.91		24.5
40	QPSK	50	28	24.94	24.86	24.74		25.5
40	QPSK	50	56	23.95	23.93	23.94		24.5
40	QPSK	100	0	23.84	23.96	23.93		24.5
40	16QAM	1	1	23.86	23.88	23.98		24.5
40	64QAM	1	1	22.98	22.61	22.72		23.0
40	256QAM	1	1	20.07	20.18	20.28		21.0
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.87	24.82	24.82		25.5
Channel				519000	519000	520000		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	24.93	24.81	24.79		25.5

n41 PC3 Ant0 Default Power DFT-30

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				520204	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	24.53	24.48	24.51		
100	PI2 BPSK	1	137	24.51	24.49	24.52		25.5
100	PI2 BPSK	1	271	24.48	24.53	24.52		25.0
100	PI2 BPSK	135	0	24.47	24.41	24.32		25.0
100	PI2 BPSK	135	69	24.50	24.51	24.53		25.5
100	PI2 BPSK	135	138	24.49	24.43	24.42		25.0
100	PI2 BPSK	270	0	24.36	24.41	24.38		25.0
100	QPSK	1	1	24.49	24.35	24.33		25.5
100	QPSK	1	137	24.54	24.48	24.44		25.5
100	QPSK	1	271	24.46	24.53	24.51		25.5
100	QPSK	135	0	24.40	24.37	24.45		24.5
100	QPSK	135	69	24.45	24.49	24.41		25.5
100	QPSK	135	138	24.38	24.35	24.27		24.5
100	QPSK	270	0	24.35	24.38	24.34		24.5
100	16QAM	1	1	24.47	24.49	24.48		24.5
100	64QAM	1	1	21.98	21.93	22.11		23.0
100	256QAM	1	1	19.97	19.96	20.08		21.0
Channel				507204	518598	509998		
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.49	24.45	24.45		25.5
Channel				509200	518598	510998		
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	24.28	24.38	24.33		25.5
Channel				503202	518598	534000		
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	24.34	24.47	24.43		25.5
Channel				502200	518598	534998		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.48	24.43	24.34		25.5
Channel				501204	518598	509998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.42	24.48	24.48		25.5

n41 PC2 Ant0 Default Power DFT-30

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				520202	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	25.72	26.15	25.68		
100	PI2 BPSK	1	137	25.72	25.99	25.73		27.0
100	PI2 BPSK	1	271	25.74	26.00	25.76		26.5
100	PI2 BPSK	135	0	25.25	25.57	25.17		26.5
100	PI2 BPSK	135	69	25.50	26.12	25.49		27.0
100	PI2 BPSK	135	138	25.32	25.71	25.19		26.5
100	PI2 BPSK	270	0	25.33	25.61	25.23		26.5
100	QPSK	1	1	25.74	26.16	25.85		27.0
100	QPSK	1	137	25.53	26.02	25.73		27.0
100	QPSK	1	271	25.73	25.95	25.68		27.0
100	QPSK	135	0	24.83	25.25	24.74		26.0
100	QPSK	135	69	25.57	26.02	25.73		27.0
100	QPSK	135	138	24.58	24.96	24.68		26.0
100	QPSK	270	0	24.46	24.99	24.63		26.0
100	16QAM	1	1	24.82	25.11	24.76		26.0
100	64QAM	1	1	23.06	23.46	23.13		24.5
100	256QAM	1	1	21.15	21.57	21.33		22.5
Channel				507204	518598	509998		
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.61	26.02	25.76		27.0
Channel				509200	518598	510998		
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	25.65	26.03	25.78		27.0
Channel				503202	518598	534000		
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	25.67	25.99	25.79		27.0
Channel				502200	518598	534998		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.68	26.07	25.71		27.0
Channel				501204	518598	509998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.75	26.15	25.65		27.0



n5 Ant4 Default Power DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.15	25.14	25.06		
20	PI/2 BPSK	1	53	25.06	25.11	25.02	25.5	0.0
20	PI/2 BPSK	1	104	24.90	24.95	24.86		
20	PI/2 BPSK	50	0	24.60	24.65	24.68	25.0	0.5
20	PI/2 BPSK	50	28	25.09	25.05	25.05	25.5	0.0
20	PI/2 BPSK	50	56	24.66	24.58	24.56	25.0	0.5
20	PI/2 BPSK	100	0	24.59	24.55	24.64		
20	QPSK	1	1	24.96	25.17	25.09		
20	QPSK	1	53	25.14	25.15	25.10	25.5	0.0
20	QPSK	1	104	24.46	24.44	24.33		
20	QPSK	50	0	24.07	24.10	24.04	24.5	1.0
20	QPSK	50	28	24.90	25.07	25.01	25.5	0.0
20	QPSK	50	56	24.07	24.08	23.99	24.5	1.0
20	QPSK	100	0	23.96	24.09	23.89		
20	16QAM	1	1	24.17	24.07	24.06	24.5	1.0
20	64QAM	1	1	22.43	22.34	22.33	23.0	2.5
20	256QAM	1	1	20.12	20.19	20.22	21.0	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	25.5	0.0
15	QPSK	1	1	24.81	25.01	24.92		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	25.5	0.0
10	QPSK	1	1	24.85	25.05	25.07		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	25.5	0.0
5	QPSK	1	1	24.91	25.10	25.00		

n7 Ant4 Default Power DFT-15								
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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.20	23.22	23.11		
20	PI/2 BPSK	1	53	23.13	23.30	23.09	24.5	0.0
20	PI/2 BPSK	1	104	23.20	23.31	23.05		
20	PI/2 BPSK	50	0	22.75	22.85	22.69	24.0	0.5
20	PI/2 BPSK	50	28	23.31	23.23	23.29	24.5	0.0
20	PI/2 BPSK	50	56	22.81	22.84	22.68	24.0	0.5
20	PI/2 BPSK	100	0	22.78	22.73	22.90		
20	QPSK	1	1	23.26	23.34	23.27		
20	QPSK	1	53	23.21	23.24	23.04	24.5	0.0
20	QPSK	1	104	23.08	23.30	23.08		
20	QPSK	50	0	23.10	23.13	23.28	23.5	1.0
20	QPSK	50	28	23.24	23.28	23.22	24.5	0.0
20	QPSK	50	56	23.16	23.19	23.13	23.5	1.0
20	QPSK	100	0	22.27	22.38	22.29		
20	16QAM	1	1	22.33	22.35	22.49	23.5	1.0
20	64QAM	1	1	20.69	20.83	20.59	22.0	2.5
20	256QAM	1	1	18.73	18.74	18.73	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0
15	QPSK	1	1	23.92	23.99	23.19		
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.5	0.0
10	QPSK	1	1	23.93	23.90	23.24		
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0
5	QPSK	1	1	23.14	23.22	23.15		



n38 Ant4 Default Power DFT-30

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				519004	519000	519998		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	23.35	23.40	23.44		
40	PI2 BPSK	1	50	23.34	23.30	23.28		0.0
40	PI2 BPSK	1	104	23.22	23.28	23.19		
40	PI2 BPSK	50	0	22.74	22.70	22.59	24.5	0.5
40	PI2 BPSK	50	28	23.17	23.10	23.04	24.5	0.0
40	PI2 BPSK	50	58	22.87	22.84	22.86		
40	PI2 BPSK	100	0	22.63	22.60	22.48		
40	QPSK	1	1	23.35	23.45	23.44		
40	QPSK	1	53	23.26	23.44	23.31		0.0
40	QPSK	1	104	23.32	23.41	23.27		
40	QPSK	50	0	22.30	22.19	22.25	23.5	1.0
40	QPSK	50	28	23.37	23.40	23.37	24.5	0.0
40	QPSK	50	58	22.29	22.41	22.42		1.0
40	QPSK	100	0	22.35	22.40	22.38		
40	16QAM	1	1	22.85	22.55	22.54	23.5	1.0
40	64QAM	1	1	21.11	21.12	21.04	22.0	2.5
40	256QAM	1	1	18.98	18.18	18.12	20.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.32	23.47	23.25	24.5	0.0
Channel				519000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.25	23.34	23.36	24.5	0.0

n41 PC3 Ant4 Default Power DFT-30

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				509004	518598	520000		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	23.17	23.18	23.23		
100	PI2 BPSK	1	137	23.29	23.16	23.28		0.0
100	PI2 BPSK	1	271	23.24	23.18	23.08	24.5	
100	PI2 BPSK	135	0	23.14	23.19	23.19	24.0	0.5
100	PI2 BPSK	135	69	22.98	23.21	22.98	24.5	0.0
100	PI2 BPSK	135	138	23.10	23.01	23.20	24.0	0.5
100	PI2 BPSK	270	0	22.99	23.05	23.11		
100	QPSK	1	1	23.17	23.30	23.12		
100	QPSK	1	137	23.20	23.21	23.22	24.5	0.0
100	QPSK	1	271	23.29	23.09	23.07		
100	QPSK	135	0	23.04	23.26	23.18	23.5	1.0
100	QPSK	135	69	23.08	23.28	23.14	24.5	0.0
100	QPSK	135	138	22.98	23.08	22.94	23.5	1.0
100	QPSK	270	0	23.09	23.24	23.04		
100	16QAM	1	1	23.08	23.21	23.22	23.5	1.0
100	64QAM	1	1	20.86	20.83	20.68	22.0	2.5
100	256QAM	1	1	18.82	18.84	18.82	20.0	4.5
Channel				507204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	23.02	23.00	22.98	24.5	0.0
Channel				509000	518598	511598	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	23.07	22.99	23.01	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	22.93	23.04	22.90	24.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.04	22.83	24.5	0.0
Channel				501204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	23.07	23.00	22.94	24.5	0.0

n41 PC2 Ant4 Default Power DFT-30

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				509002	518598	520000		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	24.21	24.29	24.27	26.0	0.0
100	PI2 BPSK	1	137	24.17	24.34	24.28		
100	PI2 BPSK	1	271	23.79	23.88	23.89	25.5	0.5
100	PI2 BPSK	135	0	23.77	23.93	23.89		
100	PI2 BPSK	135	69	24.37	24.12	24.25	26.0	0.0
100	PI2 BPSK	135	138	23.62	23.61	23.72	22.5	3.5
100	PI2 BPSK	270	0	23.71	23.77	23.77	25.5	0.5
100	QPSK	1	1	24.28	23.44	24.32		
100	QPSK	1	137	24.05	24.22	24.27	26.0	0.0
100	QPSK	1	271	23.85	24.01	23.71		
100	QPSK	135	0	23.59	23.65	23.70	25.5	0.5
100	QPSK	135	69	24.28	24.39	24.25	26.0	0.0
100	QPSK	135	138	22.42	22.45	22.43	22.5	3.5
100	QPSK	270	0	23.23	23.35	23.18	25.5	0.5
100	16QAM	1	1	22.24	22.27	22.44	25.0	1.0
100	64QAM	1	1	21.36	21.26	21.44	23.5	2.5
100	256QAM	1	1	19.89	19.75	19.77	21.5	4.5
Channel				507204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.19	24.37	24.22	26.0	0.0
Channel				509000	518598	511598	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	24.11	24.35	24.21	26.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	24.17	24.36	24.19	26.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.21	24.33	24.23	26.0	0.0
Channel				501204	518598	539998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	1	24.11	24.31	24.20	26.0	0.0



Par27Q n77 PC3 Ant3 Default Power DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	23.90	23.98	23.92			
100	Pl2 BPSK	1	137	23.99	24.03	23.97	25.5	0.0	
100	Pl2 BPSK	1	271	23.90	23.96	23.91			
100	Pl2 BPSK	136	0	23.37	23.41	23.38	25.0	0.5	
100	Pl2 BPSK	136	69	23.93	23.97	23.93	25.5	0.0	
100	Pl2 BPSK	136	138	23.38	23.41	23.36	25.0	0.5	
100	Pl2 BPSK	270	0	23.43	23.49	23.42			
100	QPSK	1	1	23.98	24.07	23.96			
100	QPSK	1	137	23.98	24.02	23.97	25.5	0.0	
100	QPSK	1	271	24.01	24.05	24.00			
100	QPSK	136	0	22.98	23.02	22.97	24.5	1.0	
100	QPSK	136	69	23.97	24.03	23.97	25.5	0.0	
100	QPSK	136	138	22.91	22.96	22.91	24.5	1.0	
100	QPSK	270	0	22.99	23.05	22.99			
100	16QAM	1	1	23.34	23.40	23.34	24.5	1.0	
100	16QAM	1	1	21.16	21.22	21.19	23.0	2.5	
100	16QAM	1	1	19.00	19.05	19.18	21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3740.01	3840	3840.02			
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.80	23.87	23.75	25.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.89	23.92	23.70	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.88	23.98	23.73	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.89	23.91	23.76	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.81	23.94	23.74	25.5	0.0	

Par27Q n77 PC3 Ant3 Default Power DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1		22.83				
100	Pl2 BPSK	1	137		23.89		25.5	0.0	
100	Pl2 BPSK	1	271		23.80				
100	Pl2 BPSK	136	0		23.28		25.5	0.0	
100	Pl2 BPSK	136	69		23.84		25.5	0.0	
100	Pl2 BPSK	136	138		23.35		25.0	0.5	
100	Pl2 BPSK	270	0		23.40				
100	QPSK	1	1		23.97		25.5	0.0	
100	QPSK	1	137		23.92		25.5	0.0	
100	QPSK	1	271		23.92				
100	QPSK	136	0		22.86		25.5	0.0	
100	QPSK	136	69		23.86		25.5	0.0	
100	QPSK	136	138		22.83		24.5	1.0	
100	QPSK	270	0		23.00		24.5	1.0	
100	16QAM	1	1		23.32		24.5	1.0	
100	16QAM	1	1		21.06		23.0	2.5	
100	16QAM	1	1		19.11		21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	169	3480.02	3500.01	3510			
Channel									
Frequency (MHz)									
60	QPSK	1	81	23.70	23.86	23.56	25.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	23.73	23.82	23.58	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	23.65	23.82	23.87	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	23.74	23.75	23.63	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	23.89	23.91	23.76	25.5	0.0	

Par27Q n77 PC2 Ant3 Default Power DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	25.50	25.55	25.49			
100	Pl2 BPSK	1	137	25.57	25.63	25.57	27.0	0.0	
100	Pl2 BPSK	1	271	25.50	25.55	25.49			
100	Pl2 BPSK	136	0	24.93	24.97	24.90	28.5	0.5	
100	Pl2 BPSK	136	69	25.00	25.04	25.05	27.0	0.0	
100	Pl2 BPSK	136	138	24.98	25.01	24.97	28.5	0.5	
100	Pl2 BPSK	270	0	24.92	24.98	24.93			
100	QPSK	1	1	25.64	25.67	25.61			
100	QPSK	1	137	25.59	25.66	25.60	27.0	0.0	
100	QPSK	1	271	25.55	25.58	25.52			
100	QPSK	136	0	24.50	24.55	24.49	28.0	1.0	
100	QPSK	136	69	25.52	25.57	25.53	27.0	0.0	
100	QPSK	136	138	24.81	24.84	24.80	28.0	1.0	
100	QPSK	270	0	24.50	24.55	24.51			
100	16QAM	1	1	24.88	24.95	24.92	28.0	1.0	
100	16QAM	1	1	22.81	22.85	22.80	24.5	2.5	
100	16QAM	1	1	20.81	20.87	20.81	22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	25.47	25.55	25.29	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	25.02	25.11	25.02	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	25.52	25.54	25.32	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	25.45	25.46	25.20	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.45	25.49	25.31	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	25.53	25.48	25.24	27.0	0.0	



Part27Q n77 PC2 Ant3 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	25.41	3000.01				
100	PI2 BPSK	1	137	25.59			27.0	0.0	
100	PI2 BPSK	1	271	25.42			23.5	3.5	
100	PI2 BPSK	135	0	24.61			27.0	0.0	
100	PI2 BPSK	135	69	25.51			27.0	0.0	
100	PI2 BPSK	135	138	24.87			23.5	3.5	
100	PI2 BPSK	270	0	24.87			26.5	0.5	
100	QPSK	1	1	25.61			27.0	0.0	
100	QPSK	1	137	25.60			27.0	0.0	
100	QPSK	1	271	25.53			23.5	3.5	
100	QPSK	135	0	24.44			27.0	0.0	
100	QPSK	135	69	25.59			27.0	0.0	
100	QPSK	135	138	24.56			23.5	3.5	
100	QPSK	270	0	24.50			26.5	0.5	
100	16QAM	1	1	24.85			26.0	1.0	
100	64QAM	1	1	22.79			24.5	2.5	
100	256QAM	1	1	20.75			22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	109	25.30	3490.02	3500.01	3510	27.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	3460.02	3533.34	3546.68	3550	27.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	3475.02	3500.01	3525	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3475.02	3500.01	3525	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	3460.02	3500.01	3540	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3460.02	3500.01	3540	27.0	0.0	

Part27Q n78 PC3 Ant3 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	23.89	3760				
100	PI2 BPSK	1	137	23.85			25.5	0.0	
100	PI2 BPSK	1	271	23.97			23.5	3.5	
100	PI2 BPSK	135	0	23.44			25.0	0.5	
100	PI2 BPSK	135	69	24.02			25.5	0.0	
100	PI2 BPSK	135	138	23.57			25.0	0.5	
100	PI2 BPSK	270	0	23.59			25.0	0.5	
100	QPSK	1	1	24.05			25.5	0.0	
100	QPSK	1	137	24.02			25.5	0.0	
100	QPSK	1	271	23.54			23.5	3.5	
100	QPSK	135	0	22.96			24.5	1.0	
100	QPSK	135	69	24.03			25.5	0.0	
100	QPSK	135	138	22.95			24.5	1.0	
100	QPSK	270	0	22.99			24.5	1.0	
100	16QAM	1	1	23.21			24.5	1.0	
100	64QAM	1	1	21.11			23.0	2.5	
100	256QAM	1	1	19.10			21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	23.80	6493.34	6500.00	6506.68	27.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	23.85	6500.00	6513.34	6526.68	25.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	23.79	6500.00	6520.00	6526.68	25.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	1	23.80	6500.00	6520.00	6526.68	25.5	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.84	6500.00	6526.68	6533.34	25.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	23.84	6500.00	6526.68	6533.34	25.5	0.0

Part27Q n78 PC3 Ant3 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	PI2 BPSK	1	1	23.84	3500.01				
100	PI2 BPSK	1	137	23.88			25.5	0.0	
100	PI2 BPSK	1	271	23.82			23.5	3.5	
100	PI2 BPSK	135	0	23.33			25.0	0.5	
100	PI2 BPSK	135	69	23.88			25.5	0.0	
100	PI2 BPSK	135	138	23.50			25.0	0.5	
100	PI2 BPSK	270	0	23.43			25.0	0.5	
100	QPSK	1	1	23.91			25.5	0.0	
100	QPSK	1	137	23.87			25.5	0.0	
100	QPSK	1	271	23.83			23.5	3.5	
100	QPSK	135	0	22.89			24.5	1.0	
100	QPSK	135	69	23.91			25.5	0.0	
100	QPSK	135	138	22.88			24.5	1.0	
100	QPSK	270	0	22.94			24.5	1.0	
100	16QAM	1	1	23.13			24.5	1.0	
100	64QAM	1	1	21.03			23.0	2.5	
100	256QAM	1	1	19.10			21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	109	23.60	6306.68	6313.34	6320.00	23.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	23.69	6313.34	6326.68	6330	25.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	23.74	6300.01	6325	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	23.74	6300.01	6325	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	23.72	6300.01	6325	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	23.69	6300.01	6325	25.5	0.0	



Part27Q n78 PC2 Ant3 Default Power DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Plz BPSK	1	1	3750					
100	Plz BPSK	1	137	25.49					
100	Plz BPSK	1	271	25.47			27.0	0.0	
100	Plz BPSK	1	271	25.51					
100	Plz BPSK	135	0	25.11			26.5	0.5	
100	Plz BPSK	135	69	25.43			27.0	0.0	
100	Plz BPSK	135	138	24.98			26.5	0.5	
100	Plz BPSK	270	0	25.01					
100	QPSK	1	1	25.53					
100	QPSK	1	137	25.44			27.0	0.0	
100	QPSK	1	271	25.48					
100	QPSK	135	0	24.57			26.0	1.0	
100	QPSK	135	69	25.48			27.0	0.0	
100	QPSK	135	138	24.66			26.0	1.0	
100	QPSK	270	0	24.62					
100	16QAM	1	1	24.86			26.0	1.0	
100	16QAM	1	1	22.87			24.5	2.5	
100	16QAM	1	1	23.75			22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	64834	65000	65068	Tune-up limit (dBm)	MPR (dB)	
				3740.01	3750	3760.02			
80	QPSK	1	1	25.30	25.42	25.39	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	64868	65000	65134	Tune-up limit (dBm)	MPR (dB)	
				3730.02	3750	3770.01			
60	QPSK	1	1	25.30	25.47	25.40	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	64725	65000	65000	Tune-up limit (dBm)	MPR (dB)	
				3725.01	3750	3775.02			
50	QPSK	1	1	25.31	25.42	25.36	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	64800	65000	65000	Tune-up limit (dBm)	MPR (dB)	
				3720.01	3750	3760			
40	QPSK	1	1	25.37	25.42	25.37	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	64768	65000	65234	Tune-up limit (dBm)	MPR (dB)	
				3716.02	3750	3786.01			
30	QPSK	1	1	25.39	25.45	25.32	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	64734	65000	65068	Tune-up limit (dBm)	MPR (dB)	
				3710.01	3750	3760.02			
20	QPSK	1	1	25.39	25.40	25.44	27.0	0.0	

Part27Q n78 PC2 Ant3 Default Power DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F Freq.	Power Middle Ch. F Freq.	Power High Ch. F Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Plz BPSK	1	1	3500.01					
100	Plz BPSK	1	137	25.35					
100	Plz BPSK	1	271	25.33			27.0	0.0	
100	Plz BPSK	1	271	25.31					
100	Plz BPSK	135	0	25.06			23.5	3.5	
100	Plz BPSK	135	69	25.30			27.0	0.0	
100	Plz BPSK	135	138	24.85			23.5	3.5	
100	Plz BPSK	270	0	24.88			26.5	0.5	
100	QPSK	1	1	25.41			27.0	0.0	
100	QPSK	1	137	25.28					
100	QPSK	1	271	25.40			23.5	3.5	
100	QPSK	135	0	24.49			27.0	0.0	
100	QPSK	135	69	25.38			23.5	3.5	
100	QPSK	135	138	24.92			26.5	0.5	
100	QPSK	270	0	24.48			26.0	1.0	
100	16QAM	1	1	24.79			26.0	1.0	
100	16QAM	1	1	22.80			24.5	2.5	
100	16QAM	1	1	23.74			22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	63868	63334	63400	Tune-up limit (dBm)	MPR (dB)	
				3480.02	3500.01	3510			
80	QPSK	1	1	25.29	25.35	25.25	27.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	1	63880	63334	63468	Tune-up limit (dBm)	MPR (dB)	
				3480	3500.01	3520.02			
60	QPSK	1	81	25.17	25.36	25.32	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	63134	63334	63334	Tune-up limit (dBm)	MPR (dB)	
				3475.02	3500.01	3525			
50	QPSK	1	67	25.16	25.26	25.25	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	63163	63334	63334	Tune-up limit (dBm)	MPR (dB)	
				3470.01	3500.01	3530.01			
40	QPSK	1	53	25.17	25.37	25.26	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	63100	63334	63334	Tune-up limit (dBm)	MPR (dB)	
				3465	3500.01	3535.02			
30	QPSK	1	39	25.21	25.30	25.34	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	63068	63334	63000	Tune-up limit (dBm)	MPR (dB)	
				3460.02	3500.01	3540			
20	QPSK	1	26	25.18	25.27	25.25	27.0	0.0	



Par270 n77 PC3 Ant5 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	24.71	24.72	24.55			
100	Pl2 BPSK	1	137	24.83	24.88	24.74	25.5	0.0	
100	Pl2 BPSK	1	271	24.76	24.86	24.75			
100	Pl2 BPSK	136	0	24.07	24.25	24.17	25.0	0.5	
100	Pl2 BPSK	136	69	24.77	24.76	24.98	25.5	0.0	
100	Pl2 BPSK	136	138	24.20	24.33	24.32	25.0	0.5	
100	Pl2 BPSK	270	0	24.05	24.19	24.15			
100	QPSK	1	1	24.96	24.99	24.87			
100	QPSK	1	137	24.76	24.92	24.92	25.5	0.0	
100	QPSK	1	271	24.81	24.84	24.70			
100	QPSK	136	0	23.69	23.71	23.68	24.5	1.0	
100	QPSK	136	69	24.74	24.77	24.98	25.5	0.0	
100	QPSK	136	138	23.68	23.76	23.71	24.5	1.0	
100	QPSK	270	0	23.50	23.66	23.61			
100	16QAM	1	1	23.84	23.93	23.80	24.5	1.0	
100	16QAM	1	1	22.33	22.37	22.34	23.0	2.5	
100	256QAM	1	1	19.95	20.13	20.08	21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3740.01	3840	3840.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	24.87	24.88	24.80	25.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	24.94	24.88	24.84	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	24.93	24.96	24.79	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	24.98	24.97	24.80	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	24.89	24.87	24.78	25.5	0.0	

Par270 n77 PC3 Ant5 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1		24.62				
100	Pl2 BPSK	1	137		24.81		25.5	0.0	
100	Pl2 BPSK	1	271		24.79				
100	Pl2 BPSK	136	0		24.19		25.5	0.0	
100	Pl2 BPSK	136	69		24.72		25.5	0.0	
100	Pl2 BPSK	136	138		24.25		25.0	0.5	
100	Pl2 BPSK	270	0		24.13		25.0	0.5	
100	QPSK	1	1		24.88		25.5	0.0	
100	QPSK	1	137		24.97		25.5	0.0	
100	QPSK	1	271		24.71				
100	QPSK	136	0		23.55		24.5	1.0	
100	QPSK	136	69		24.71		25.5	0.0	
100	QPSK	136	138		23.66		24.5	1.0	
100	QPSK	270	0		23.57		24.5	1.0	
100	16QAM	1	1		23.84		24.5	1.0	
100	16QAM	1	1		22.32		23.0	2.5	
100	256QAM	1	1		20.03		21.0	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	169	63268	63334	63400	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3480	3475	3475	25.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	24.73	24.73	24.74	25.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	24.83	24.72	24.71	25.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	24.76	24.81	24.73	25.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	24.81	24.72	24.65	25.5	0.0	

Par270 n77 PC2 Ant5 Default Power DFT-30									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	26.24	26.39	26.23			
100	Pl2 BPSK	1	137	26.31	26.41	26.25	27.0	0.0	
100	Pl2 BPSK	1	271	26.41	26.44	26.41			
100	Pl2 BPSK	136	0	25.58	25.69	25.56	26.5	0.5	
100	Pl2 BPSK	136	69	26.24	26.31	26.27	27.0	0.0	
100	Pl2 BPSK	136	138	25.73	25.78	25.75	26.5	0.5	
100	Pl2 BPSK	270	0	25.59	25.71	25.66			
100	QPSK	1	1	26.43	26.46	26.39			
100	QPSK	1	137	26.31	26.38	26.20	27.0	0.0	
100	QPSK	1	271	26.30	26.43	26.31			
100	QPSK	136	0	25.13	25.28	25.15	26.0	1.0	
100	QPSK	136	69	26.11	26.24	26.17	27.0	0.0	
100	QPSK	136	138	25.21	25.27	25.17	26.0	1.0	
100	QPSK	270	0	25.11	25.14	25.00			
100	16QAM	1	1	25.44	25.48	25.31	26.0	1.0	
100	16QAM	1	1	24.07	24.14	23.97	24.5	2.5	
100	256QAM	1	1	21.84	22.01	21.90	22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	3740.01	3840	3840.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	1	26.32	26.35	26.29	27.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	1	26.37	26.33	26.25	27.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	1	26.35	26.44	26.32	27.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	1	26.27	26.34	26.35	27.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	26.36	26.38	26.27	27.0	0.0	



Par27Q n77 PC2 Ant5 Default Power DFT-30										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	28.20	3000.01					
100	PI2 BPSK	1	137	28.28	3000.01		27.0	0.0		
100	PI2 BPSK	1	271	28.31	3000.01		23.5	3.5		
100	PI2 BPSK	135	0	25.63	3000.01		27.0	0.0		
100	PI2 BPSK	135	69	25.19	3000.01		27.0	0.0		
100	PI2 BPSK	135	138	25.65	3000.01		23.5	3.5		
100	PI2 BPSK	270	0	25.68	3000.01		26.5	0.0		
100	QPSK	1	1	28.38	3000.01		27.0	0.0		
100	QPSK	1	137	28.32	3000.01		27.0	0.0		
100	QPSK	1	271	28.28	3000.01		23.5	3.5		
100	QPSK	135	0	25.16	3000.01		27.0	0.0		
100	QPSK	135	69	26.18	3000.01		27.0	0.0		
100	QPSK	135	138	25.17	3000.01		23.5	3.5		
100	QPSK	270	0	25.03	3000.01		26.5	0.0		
100	16QAM	1	1	28.38	3000.01		26.0	1.0		
100	16QAM	1	1	24.09	3000.01		24.5	2.5		
100	256QAM	1	1	21.88	3000.01		22.5	4.5		
Channel										
Frequency (MHz)										
80	QPSK	1	109	28.33	3000.01	3510	27.0	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81	28.31	3000.01	3520.02	27.0	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	67	28.22	3000.01	3525	27.0	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	53	28.27	3000.01	3534	27.0	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	39	28.30	3000.01	3535.02	27.0	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	26	28.25	3000.01	3540	27.0	0.0		

Par27Q n78 PC3 Ant5 Default Power DFT-30										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	25.08	3760					
100	PI2 BPSK	1	137	25.08	3760		25.5	0.0		
100	PI2 BPSK	1	271	25.04	3760		23.5	3.5		
100	PI2 BPSK	135	0	24.44	3760		25.0	0.5		
100	PI2 BPSK	135	69	24.53	3760		25.5	0.0		
100	PI2 BPSK	135	138	24.38	3760		25.0	0.5		
100	PI2 BPSK	270	0	24.38	3760		24.5	0.0		
100	QPSK	1	1	25.05	3760		25.5	0.0		
100	QPSK	1	137	25.14	3760		25.5	0.0		
100	QPSK	1	271	24.55	3760		24.5	1.0		
100	QPSK	135	0	23.91	3760		24.5	1.0		
100	QPSK	135	69	24.86	3760		25.5	0.0		
100	QPSK	135	138	23.86	3760		24.5	1.0		
100	QPSK	270	0	23.81	3760		24.5	1.0		
100	16QAM	1	1	24.35	3760		24.5	1.0		
100	16QAM	1	1	22.74	3760		23.0	2.5		
100	256QAM	1	1	20.54	3760		21.0	4.5		
Channel										
Frequency (MHz)										
80	QPSK	1	1	25.01	3760	3760.02	24.5	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	1	25.09	3760	3770.01	25.5	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	1	25.05	3760	3775.02	25.5	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	1	24.98	3760	3780	25.5	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	1	25.03	3760	3785.01	25.5	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	1	25.03	3760	3790.02	25.5	0.0		

Par27Q n78 PC3 Ant5 Default Power DFT-30										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
100	PI2 BPSK	1	1	24.87	3500.01					
100	PI2 BPSK	1	137	24.88	3500.01		25.5	0.0		
100	PI2 BPSK	1	271	24.87	3500.01		24.87	0.0		
100	PI2 BPSK	135	0	24.28	3500.01		25.5	0.0		
100	PI2 BPSK	135	69	24.82	3500.01		24.82	0.0		
100	PI2 BPSK	135	138	24.15	3500.01		24.15	0.0		
100	PI2 BPSK	270	0	24.25	3500.01		25.0	0.5		
100	QPSK	1	1	24.89	3500.01		25.5	0.0		
100	QPSK	1	137	25.01	3500.01		25.5	0.0		
100	QPSK	1	271	24.83	3500.01		24.83	0.0		
100	QPSK	135	0	23.74	3500.01		24.5	1.0		
100	QPSK	135	69	24.67	3500.01		25.5	0.0		
100	QPSK	135	138	23.68	3500.01		24.5	1.0		
100	QPSK	270	0	23.67	3500.01		24.5	1.0		
100	16QAM	1	1	24.19	3500.01		24.5	1.0		
100	16QAM	1	1	22.65	3500.01		23.0	2.5		
100	256QAM	1	1	20.40	3500.01		21.0	4.5		
Channel										
Frequency (MHz)										
80	QPSK	1	109	24.83	3500.01	3510	24.87	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81	24.89	3500.01	3520.02	24.84	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	67	24.85	3500.01	3525	24.82	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	53	24.88	3500.01	3534	24.79	0.0		
Channel										
Frequency (MHz)										
30	QPSK	1	39	24.90	3500.01	3535.02	24.84	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	26	24.86	3500.01	3540	24.89	0.0		



Par27Q n78 PC2 Ant5 Default Power DFT-30							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	Plz BPSK	1	1	26.42	3790		
100	Plz BPSK	1	137	26.41		27.0	0.0
100	Plz BPSK	1	271	26.44			
100	Plz BPSK	135	0	23.58		26.5	0.5
100	Plz BPSK	135	69	24.14		27.0	0.0
100	Plz BPSK	135	138	23.81		26.5	0.5
100	Plz BPSK	270	0	20.84			
100	QPSK	1	1	26.45		27.0	0.0
100	QPSK	1	137	26.35			
100	QPSK	1	271	26.37			
100	QPSK	135	0	23.18		26.0	1.0
100	QPSK	135	69	24.17		27.0	0.0
100	QPSK	135	138	23.12		26.0	1.0
100	QPSK	270	0	20.21			
100	16QAM	1	1	26.81		26.0	1.0
100	16QAM	1	1	24.19		24.5	2.5
100	16QAM	1	1	21.96		22.5	4.5
Channel							
Frequency (MHz)							
80	QPSK	1	1	26.35	26.50	26.41	27.0
Channel							
Frequency (MHz)							
60	QPSK	1	1	26.33	26.46	26.40	27.0
Channel							
Frequency (MHz)							
50	QPSK	1	1	26.35	26.46	26.31	27.0
Channel							
Frequency (MHz)							
40	QPSK	1	1	26.32	26.48	26.40	27.0
Channel							
Frequency (MHz)							
30	QPSK	1	1	25.29	26.51	25.41	27.0
Channel							
Frequency (MHz)							
20	QPSK	1	1	26.35	26.42	26.34	27.0

Par27Q n78 PC2 Ant5 Default Power DFT-30							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	MPR (dB)
Channel							
Frequency (MHz)							
100	Plz BPSK	1	1	26.39	350.01		
100	Plz BPSK	1	137	26.30		27.0	0.0
100	Plz BPSK	1	271	26.24			
100	Plz BPSK	135	0	23.39		23.5	3.5
100	Plz BPSK	135	69	23.95		27.0	0.0
100	Plz BPSK	135	138	23.45		23.5	3.5
100	Plz BPSK	270	0	20.53			
100	QPSK	1	1	26.41		27.0	0.0
100	QPSK	1	137	26.30			
100	QPSK	1	271	26.25			
100	QPSK	135	0	23.00		23.5	3.5
100	QPSK	135	69	24.07		27.0	0.0
100	QPSK	135	138	23.01		23.5	3.5
100	QPSK	270	0	20.08			
100	16QAM	1	1	25.89		26.0	1.0
100	16QAM	1	1	24.06		24.5	2.5
100	16QAM	1	1	21.76		22.5	4.5
Channel							
Frequency (MHz)							
80	QPSK	1	109	26.14	26.34	26.24	27.0
Channel							
Frequency (MHz)							
60	QPSK	1	81	26.17	26.30	26.24	27.0
Channel							
Frequency (MHz)							
50	QPSK	1	67	26.25	26.30	26.22	27.0
Channel							
Frequency (MHz)							
40	QPSK	1	53	26.19	26.35	26.30	27.0
Channel							
Frequency (MHz)							
30	QPSK	1	39	25.17	26.32	25.24	27.0
Channel							
Frequency (MHz)							
20	QPSK	1	26	26.17	26.29	26.21	27.0



Reduced power level for 5G NR

n5 DSI1 Ant0 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	24.87	24.95	24.88			
20	PI/2 BPSK	1	53	24.79	24.91	24.89	25.5	0.0	
20	PI/2 BPSK	1	104	24.74	24.72	24.64			
20	PI/2 BPSK	50	0	24.41	24.32	24.29	25.0	0.5	
20	PI/2 BPSK	50	28	24.91	24.86	24.75	25.5	0.0	
20	PI/2 BPSK	50	56	24.32	24.28	24.16			
20	PI/2 BPSK	100	0	24.36	24.40	24.33	25.0	0.5	
20	QPSK	1	1	24.86	24.97	24.91			
20	QPSK	1	53	24.92	24.87	24.83	25.5	0.0	
20	QPSK	1	104	24.59	24.66	24.66			
20	QPSK	50	0	23.94	23.91	23.83	24.5	1.0	
20	QPSK	50	28	24.88	24.94	24.87	25.5	0.0	
20	QPSK	50	56	23.83	23.85	23.84			
20	QPSK	100	0	23.82	23.86	23.80	24.5	1.0	
20	16QAM	1	1	23.84	23.89	23.80	24.5	1.0	
20	64QAM	1	1	22.50	22.62	22.67	23.0	2.5	
20	256QAM	1	1	20.25	20.24	20.19	21.0	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	24.84	24.88	24.86	25.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.75	24.90	24.71	25.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	24.71	24.93	24.81	25.5	0.0	

n7 DSI1 Ant0 DFT-15									
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				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	24.68	24.78	24.80			
20	PI/2 BPSK	1	53	24.72	24.79	24.72	25.5	0.0	
20	PI/2 BPSK	1	104	24.74	24.82	24.69			
20	PI/2 BPSK	50	0	24.24	24.29	24.33	25.0	0.5	
20	PI/2 BPSK	50	28	24.72	24.84	24.76	25.5	0.0	
20	PI/2 BPSK	50	56	24.19	24.29	24.27			
20	PI/2 BPSK	100	0	24.35	24.38	24.37	25.0	0.5	
20	QPSK	1	1	24.80	24.85	24.79			
20	QPSK	1	53	24.59	24.62	24.58	25.5	0.0	
20	QPSK	1	104	24.80	24.82	24.78			
20	QPSK	50	0	24.00	23.98	23.92	24.5	1.0	
20	QPSK	50	28	24.67	24.84	24.82	25.5	0.0	
20	QPSK	50	56	23.91	23.87	23.77			
20	QPSK	100	0	23.92	23.94	23.88	24.5	1.0	
20	16QAM	1	1	23.68	23.71	23.63	24.5	1.0	
20	64QAM	1	1	22.50	22.48	22.54	23.0	2.5	
20	256QAM	1	1	20.10	20.15	20.19	21.0	4.5	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	24.58	24.80	24.79	25.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	24.42	24.73	24.63	-25.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	24.47	24.82	24.58	25.5	0.0	



n5 Ant4 DS11 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	24.18	24.08	23.96			
20	PI/2 BPSK	1	53	24.14	24.03	24.00	24.5	0.0	
20	PI/2 BPSK	1	104	23.99	23.97	23.80			
20	PI/2 BPSK	50	0	23.67	23.55	23.59	24.5	0.0	
20	PI/2 BPSK	50	28	24.05	23.97	24.03	24.5	0.0	
20	PI/2 BPSK	50	56	23.54	23.63	23.63			
20	PI/2 BPSK	100	0	23.50	23.58	23.76	24.5	0.0	
20	QPSK	1	1	24.07	24.27	24.16			
20	QPSK	1	53	24.25	24.22	24.20	24.5	0.0	
20	QPSK	1	104	23.50	23.37	23.39			
20	QPSK	50	0	23.00	23.15	23.02	24.5	0.0	
20	QPSK	50	28	23.84	24.13	24.08	24.5	0.0	
20	QPSK	50	56	23.07	23.15	22.96	24.5	0.0	
20	QPSK	100	0	23.02	23.19	22.85			
20	16QAM	1	1	23.10	23.02	23.18	24.5	0.0	
20	64QAM	1	1	21.46	21.27	21.24	23.0	1.5	
20	256QAM	1	1	19.21	19.10	19.34	21.0	3.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.5	0.0	
15	QPSK	1	1	23.88	24.10	23.95	24.5	0.0	
Channel				165900	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.5	0.0	
10	QPSK	1	1	23.96	24.25	24.17	24.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.5	0.0	
5	QPSK	1	1	24.01	24.20	24.16	24.5	0.0	

n7 Ant4 DS11 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	18.85	18.84	18.86			
20	PI/2 BPSK	1	53	18.65	18.81	18.84	20.0	0.0	
20	PI/2 BPSK	1	104	18.82	18.85	18.73			
20	PI/2 BPSK	50	0	18.69	18.90	18.68	20.0	0.0	
20	PI/2 BPSK	50	28	18.71	18.88	18.88	20.0	0.0	
20	PI/2 BPSK	50	56	18.66	18.74	18.69	20.0	0.0	
20	PI/2 BPSK	100	0	18.66	18.79	18.87			
20	QPSK	1	1	18.87	18.93	18.86			
20	QPSK	1	53	18.87	18.88	18.85	20.0	0.0	
20	QPSK	1	104	18.81	18.76	18.83			
20	QPSK	50	0	18.67	18.77	18.68	19.0	1.0	
20	QPSK	50	28	18.64	18.86	18.72	20.0	0.0	
20	QPSK	50	56	18.74	18.84	18.81	19.0	1.0	
20	QPSK	100	0	18.69	18.85	18.81			
20	16QAM	1	1	18.71	18.87	18.81	20.0	0.0	
20	64QAM	1	1	18.73	18.81	18.86	20.0	0.0	
20	256QAM	1	1	18.65	18.79	18.82	20.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	20.0	0.0	
15	QPSK	1	1	18.76	18.91	18.83	20.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	20.0	0.0	
10	QPSK	1	1	18.77	18.81	18.76	-20.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	20.0	0.0	
5	QPSK	1	1	18.68	18.92	18.66	20.0	0.0	



n38 Ant4 DSI1 DFT-30									
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				518004	519000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	18.27	18.29	18.36			
40	PI/2 BPSK	1	53	18.26	18.40	18.32	20.0	0.0	
40	PI/2 BPSK	1	104	18.24	18.37	18.34			
40	PI/2 BPSK	50	0	18.39	18.30	18.16	20.0	0.0	
40	PI/2 BPSK	50	28	18.40	18.40	18.33	20.0	0.0	
40	PI/2 BPSK	50	56	18.40	18.33	18.31			
40	PI/2 BPSK	100	0	18.29	18.36	18.40	20.0	0.0	
40	QPSK	1	1	18.26	18.42	18.35			
40	QPSK	1	53	18.24	18.40	18.38	20.0	0.0	
40	QPSK	1	104	18.33	18.35	18.40			
40	QPSK	50	0	18.20	18.24	18.16	20.0	0.0	
40	QPSK	50	28	18.11	18.11	18.21	20.0	0.0	
40	QPSK	50	56	18.17	18.12	18.23	20.0	0.0	
40	QPSK	100	0	18.23	18.30	18.24			
40	16QAM	1	1	18.27	18.23	18.15	20.0	0.0	
40	64QAM	1	1	18.25	18.12	18.24	20.0	0.0	
40	256QAM	1	1	18.07	18.16	18.13	20.0	0.0	
Channel				517092	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	18.01	18.10	18.07	20.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	18.00	18.19	18.01	20.0	0.0	

PC2&3 n41 Ant4 DSI1 DFT-30									
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				509202	518598	528000			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.20	18.39	18.33			
100	PI/2 BPSK	1	137	18.17	18.42	18.22	20.0	0.0	
100	PI/2 BPSK	1	271	18.37	18.40	18.33			
100	PI/2 BPSK	135	0	18.27	18.41	18.33	20.0	0.0	
100	PI/2 BPSK	135	69	18.24	18.38	18.30	20.0	0.0	
100	PI/2 BPSK	135	138	18.29	18.36	18.28			
100	PI/2 BPSK	270	0	18.25	18.34	18.38	20.0	0.0	
100	QPSK	1	1	18.35	18.63	18.33			
100	QPSK	1	137	18.06	18.31	18.12	20.0	0.0	
100	QPSK	1	271	18.03	18.31	18.10			
100	QPSK	135	0	18.18	18.26	18.23	20.0	0.0	
100	QPSK	135	69	18.21	18.29	18.11	20.0	0.0	
100	QPSK	135	138	18.15	18.22	18.28	20.0	0.0	
100	QPSK	270	0	18.27	18.32	18.19			
100	16QAM	1	1	18.14	18.17	18.33	20.0	0.0	
100	64QAM	1	1	18.35	18.23	18.12	20.0	0.0	
100	256QAM	1	1	18.09	18.19	18.39	20.0	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	18.23	18.39	18.35	20.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	18.17	18.26	18.21	20.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	18.18	18.24	18.19	20.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	18.18	18.29	18.27	20.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	18.14	18.35	18.17	20.0	0.0	



PC2&3 Part270 n77 Ant3 DSI1 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.62	15.56	15.52	17.0	0.0
100	PI/2 BPSK	1	137	15.67	15.54	15.55		
100	PI/2 BPSK	1	271	15.63	15.47	15.52		
100	PI/2 BPSK	135	0	15.65	15.60	15.63	17.0	0.0
100	PI/2 BPSK	135	69	15.48	15.62	15.44	17.0	0.0
100	PI/2 BPSK	135	138	15.61	15.60	15.60	17.0	0.0
100	PI/2 BPSK	270	0	15.43	15.31	15.30		
100	QPSK	1	1	15.62	15.72	15.58		
100	QPSK	1	137	15.61	15.46	15.70	17.0	0.0
100	QPSK	1	271	15.43	15.35	15.47		
100	QPSK	135	0	15.62	15.59	15.59		
100	QPSK	135	69	15.50	15.66	15.37	17.0	0.0
100	QPSK	135	138	15.49	15.41	15.36	17.0	0.0
100	QPSK	270	0	15.33	15.41	15.31		
100	16QAM	1	1	15.46	15.28	15.21		
100	64QAM	1	1	15.57	15.63	15.51	17.0	0.0
100	256QAM	1	1	15.47	15.26	15.70	17.0	0.0
Channel				643334	650000	662988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	15.51	15.59	15.45	17.0	0.0
Channel				648988	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	15.47	15.62	15.45	17.0	0.0
Channel				643334	656000	663988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	1	15.54	15.68	15.51	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	15.48	15.57	15.52	17.0	0.0
Channel				647888	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	15.51	15.67	15.42	17.0	0.0
Channel				647334	656000	664888	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	15.47	15.56	15.49	17.0	0.0

PC2&3 Part27Q n77 Ant3 DSI1 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				633334	633334	633334		
Frequency (MHz)				3900.01				
100	PI/2 BPSK	1	1	15.45			17.0	0.0
100	PI/2 BPSK	1	137	15.49				
100	PI/2 BPSK	1	271	15.39				
100	PI/2 BPSK	135	0	15.55			17.0	0.0
100	PI/2 BPSK	135	69	15.46				
100	PI/2 BPSK	135	138	15.50				
100	PI/2 BPSK	270	0	15.25			17.0	0.0
100	QPSK	1	1	15.62			17.0	0.0
100	QPSK	1	137	15.40				
100	QPSK	1	271	15.22				
100	QPSK	135	0	15.48			17.0	0.0
100	QPSK	135	69	15.52				
100	QPSK	135	138	15.34				
100	QPSK	270	0	15.30			17.0	0.0
100	16QAM	1	1	15.16			17.0	0.0
100	64QAM	1	1	15.57			17.0	0.0
100	256QAM	1	1	15.21			17.0	0.0
Channel				632688	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3900.01	3510		
80	QPSK	1	109	15.36	15.45	15.39	17.0	0.0
Channel				632000	633334	634688	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3900.01	3520.02		
60	QPSK	1	81	15.45	15.51	15.34	17.0	0.0
Channel				631688	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3900.01	3525		
50	QPSK	1	67	15.47	15.49	15.38	17.0	0.0
Channel				631334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3900.01	3530.01		
40	QPSK	1	53	15.42	15.45	15.32	17.0	0.0
Channel				631000	633334	636688	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3900.01	3535.02		
30	QPSK	1	39	15.36	15.51	15.35	17.0	0.0
Channel				630688	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3900.01	3540		
20	QPSK	1	26	15.42	15.54	15.31	17.0	0.0



PC2&3 Part270 n78 Ant3 DS11 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	15.41			17.0	0.0	
100	PI/2 BPSK	1	137	15.47					
100	PI/2 BPSK	1	271	15.36					
100	PI/2 BPSK	135	0	15.46			17.0	0.0	
100	PI/2 BPSK	135	69	15.54			17.0	0.0	
100	PI/2 BPSK	135	138	15.45			17.0	0.0	
100	PI/2 BPSK	270	0	15.19			17.0	0.0	
100	QPSK	1	1	15.68					
100	QPSK	1	137	15.40			17.0	0.0	
100	QPSK	1	271	15.26					
100	QPSK	135	0	15.50			17.0	0.0	
100	QPSK	135	69	15.62			17.0	0.0	
100	QPSK	135	138	15.30			17.0	0.0	
100	QPSK	270	0	15.32			17.0	0.0	
100	16QAM	1	1	15.23			17.0	0.0	
100	64QAM	1	1	15.57			17.0	0.0	
100	256QAM	1	1	15.19			17.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	15.53	15.62	15.42	17.0	0.0	
Channel				646698	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	15.47	15.58	15.44	17.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.55	15.59	15.51	17.0	0.0	
Channel				646000	650000	652000			
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.49	15.66	15.45	17.0	0.0	
Channel				647698	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.55	15.63	15.49	17.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.47	15.57	15.43	17.0	0.0	

PC2&3 Part27Q n78 Ant3 DS11 DFT-30									
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				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	15.32			17.0	0.0	
100	PI/2 BPSK	1	137	15.34					
100	PI/2 BPSK	1	271	15.24					
100	PI/2 BPSK	135	0	15.36			17.0	0.0	
100	PI/2 BPSK	135	69	15.44			17.0	0.0	
100	PI/2 BPSK	135	138	15.38			17.0	0.0	
100	PI/2 BPSK	270	0	15.12			17.0	0.0	
100	QPSK	1	1	15.62					
100	QPSK	1	137	15.26			17.0	0.0	
100	QPSK	1	271	15.16					
100	QPSK	135	0	15.37			17.0	0.0	
100	QPSK	135	69	15.48			17.0	0.0	
100	QPSK	135	138	15.22			17.0	0.0	
100	QPSK	270	0	15.23			17.0	0.0	
100	16QAM	1	1	15.11			17.0	0.0	
100	64QAM	1	1	15.43			17.0	0.0	
100	256QAM	1	1	15.08			17.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	15.43	15.48	15.27	17.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	15.48	15.48	15.33	17.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	15.52	15.55	15.31	17.0	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	15.47	15.58	15.30	17.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	15.46	15.46	15.36	17.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	15.47	15.57	15.33	17.0	0.0	



PC2&3 Part270 n77 Ant5 DS11 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				650000	656000	662000		
100	PI/2 BPSK	1	1	16.50	16.58	16.40		
100	PI/2 BPSK	1	137	16.40	16.37	16.56	17.0	0.0
100	PI/2 BPSK	1	271	16.51	16.59	16.50		
100	PI/2 BPSK	135	0	16.41	16.40	16.62	17.0	0.0
100	PI/2 BPSK	135	69	16.42	16.57	16.59	17.0	0.0
100	PI/2 BPSK	135	138	16.47	16.50	16.43	17.0	0.0
100	PI/2 BPSK	270	0	16.27	16.32	16.21		
100	QPSK	1	1	16.62	16.71	16.49		
100	QPSK	1	137	16.50	16.44	16.47	17.0	0.0
100	QPSK	1	271	16.24	16.33	16.23		
100	QPSK	135	0	16.54	16.51	16.53	17.0	0.0
100	QPSK	135	69	16.39	16.61	16.50	17.0	0.0
100	QPSK	135	138	16.23	16.36	16.46	17.0	0.0
100	QPSK	270	0	16.34	16.40	16.32		
100	16QAM	1	1	16.34	16.27	16.20	17.0	0.0
100	64QAM	1	1	16.34	16.49	16.54	17.0	0.0
100	256QAM	1	1	16.29	16.25	16.50	17.0	0.0
Channel				643334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	1	16.47	16.65	16.33	17.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	1	16.48	16.59	16.33	17.0	0.0
Channel				643334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3955.02		
50	QPSK	1	1	16.50	16.59	16.44	17.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	1	16.47	16.56	16.34	17.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	1	16.53	16.64	16.30	17.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	1	16.48	16.66	16.36	17.0	0.0

PC2&3 Part27Q n77 Ant5 DS11 DFT-30

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				633334				
100	PI/2 BPSK	1	1	16.47				
100	PI/2 BPSK	1	137	16.32			17.0	0.0
100	PI/2 BPSK	1	271	16.47				
100	PI/2 BPSK	135	0	16.32				
100	PI/2 BPSK	135	69	16.44			17.0	0.0
100	PI/2 BPSK	135	138	16.41				
100	PI/2 BPSK	270	0	16.25			17.0	0.0
100	QPSK	1	1	16.59				
100	QPSK	1	137	16.29			17.0	0.0
100	QPSK	1	271	16.21				
100	QPSK	135	0	16.42				
100	QPSK	135	69	16.53			17.0	0.0
100	QPSK	135	138	16.25				
100	QPSK	270	0	16.31				
100	16QAM	1	1	16.15			17.0	0.0
100	64QAM	1	1	16.44			17.0	0.0
100	256QAM	1	1	16.16			17.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	16.33	16.55	16.21	17.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3520.02		
60	QPSK	1	81	16.42	16.52	16.25	17.0	0.0
Channel				631668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	16.30	16.52	16.17	17.0	0.0
Channel				631334	633334	636334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3530.01		
40	QPSK	1	53	16.30	16.59	16.28	17.0	0.0
Channel				631000	633334	636668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3535.02		
30	QPSK	1	39	16.30	16.52	16.21	17.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	16.41	16.55	16.29	17.0	0.0



PC2&3 Part270 n78 Ant5 DSI1 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					650000				
Frequency (MHz)					3750				
100	PI/2 BPSK	1	1		16.52				
100	PI/2 BPSK	1	137		16.27		17.0	0.0	
100	PI/2 BPSK	1	271		16.55				
100	PI/2 BPSK	135	0		16.33		17.0	0.0	
100	PI/2 BPSK	135	69		16.46		17.0	0.0	
100	PI/2 BPSK	135	138		16.42		17.0	0.0	
100	PI/2 BPSK	270	0		16.16				
100	QPSK	1	1		16.58				
100	QPSK	1	137		16.36		17.0	0.0	
100	QPSK	1	271		16.27				
100	QPSK	135	0		16.41		17.0	0.0	
100	QPSK	135	69		16.50		17.0	0.0	
100	QPSK	135	138		16.23		17.0	0.0	
100	QPSK	270	0		16.27				
100	16QAM	1	1		16.18		17.0	0.0	
100	64QAM	1	1		16.42		17.0	0.0	
100	256QAM	1	1		16.10		17.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	1	16.46	16.51	16.30	17.0	0.0	
Channel				646668	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	1	16.33	16.47	16.22	17.0	0.0	
Channel				646334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	1	16.20	16.41	16.16	17.0	0.0	
Channel				646000	650000	652000			
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	1	16.36	16.39	16.25	17.0	0.0	
Channel				647668	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	1	16.34	16.43	16.23	17.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	1	16.33	16.38	16.19	17.0	0.0	

PC2&3 Part27Q n78 Ant5 DSI1 DFT-30									
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					633334				
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		16.39				
100	PI/2 BPSK	1	137		16.21		17.0	0.0	
100	PI/2 BPSK	1	271		16.31				
100	PI/2 BPSK	135	0		16.20				
100	PI/2 BPSK	135	69		16.40		17.0	0.0	
100	PI/2 BPSK	135	138		16.35		17.0	0.0	
100	PI/2 BPSK	270	0		16.01				
100	QPSK	1	1		16.44				
100	QPSK	1	137		16.29		17.0	0.0	
100	QPSK	1	271		16.23				
100	QPSK	135	0		16.36				
100	QPSK	135	69		16.47		17.0	0.0	
100	QPSK	135	138		16.17		17.0	0.0	
100	QPSK	270	0		16.14				
100	16QAM	1	1		16.09		17.0	0.0	
100	64QAM	1	1		16.27		17.0	0.0	
100	256QAM	1	1		16.05		17.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109	16.34	16.40	16.25	17.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81	16.31	16.38	16.23	17.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67	16.35	16.41	16.22	17.0	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	16.37	16.38	16.21	17.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	39	16.30	16.40	16.20	17.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	16.42	16.41	16.19	17.0	0.0	



n5 DSI2 Ant0 DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.87	24.95	24.88		
20	PI/2 BPSK	1	53	24.79	24.91	24.89	25.5	0.0
20	PI/2 BPSK	1	104	24.74	24.72	24.64		
20	PI/2 BPSK	50	0	24.41	24.32	24.29	25.0	0.5
20	PI/2 BPSK	50	28	24.91	24.86	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.32	24.28	24.16	25.0	0.5
20	PI/2 BPSK	100	0	24.36	24.40	24.33		
20	QPSK	1	1	24.86	24.97	24.91		
20	QPSK	1	53	24.92	24.87	24.83	25.5	0.0
20	QPSK	1	104	24.59	24.66	24.66		
20	QPSK	50	0	23.94	23.91	23.83	24.5	1.0
20	QPSK	50	28	24.86	24.94	24.87	25.5	0.0
20	QPSK	50	56	23.83	23.85	23.84	24.5	1.0
20	QPSK	100	0	23.82	23.86	23.80		
20	16QAM	1	1	23.84	23.89	23.80	24.5	1.0
20	64QAM	1	1	22.50	22.62	22.67	23.0	2.5
20	256QAM	1	1	20.25	20.24	20.19	21.0	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.84	24.88	24.83	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.75	24.80	24.71	25.5	0.0
Channel				165300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.71	24.93	24.81	25.5	0.0

n7 DSI2 Ant0 DFT-15								
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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	24.68	24.78	24.80		
20	PI/2 BPSK	1	53	24.72	24.79	24.72	25.5	0.0
20	PI/2 BPSK	1	104	24.74	24.82	24.69		
20	PI/2 BPSK	50	0	24.24	24.29	24.33	25.0	0.5
20	PI/2 BPSK	50	28	24.72	24.84	24.76	25.5	0.0
20	PI/2 BPSK	50	56	24.19	24.29	24.27	25.0	0.5
20	PI/2 BPSK	100	0	24.35	24.38	24.37		
20	QPSK	1	1	24.80	24.85	24.79		
20	QPSK	1	53	24.59	24.62	24.58	25.5	0.0
20	QPSK	1	104	24.80	24.82	24.78		
20	QPSK	50	0	24.00	23.98	23.92	24.5	1.0
20	QPSK	50	28	24.67	24.84	24.82	25.5	0.0
20	QPSK	50	56	23.97	23.87	23.77	24.5	1.0
20	QPSK	100	0	23.92	23.94	23.88		
20	16QAM	1	1	23.68	23.71	23.63	24.5	1.0
20	64QAM	1	1	22.50	22.46	22.54	23.0	2.5
20	256QAM	1	1	20.10	20.15	20.19	21.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	24.58	24.80	24.79	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	24.42	24.73	24.63	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	24.47	24.82	24.58	25.5	0.0



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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				519004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	24.80	24.89	24.78		
40	PI2 BPSK	1	53	24.83	24.87	24.96		0.0
40	PI2 BPSK	1	104	24.93	24.85	24.79		
40	PI2 BPSK	50	0	24.43	24.34	24.35	25.0	0.5
40	PI2 BPSK	50	28	24.85	24.81	24.82	25.5	0.0
40	PI2 BPSK	50	58	24.31	24.35	24.29		
40	PI2 BPSK	100	0	24.17	24.28	24.26	25.0	0.5
40	QPSK	1	1	24.98	24.99	24.95		
40	QPSK	1	53	24.85	24.95	24.93		0.0
40	QPSK	1	104	24.86	24.92	24.89		
40	QPSK	50	0	23.88	23.90	23.91	24.5	1.0
40	QPSK	50	28	24.94	24.86	24.74	25.5	0.0
40	QPSK	50	58	23.99	23.93	23.94	24.5	1.0
40	QPSK	100	0	23.84	23.92	23.93		
40	16QAM	1	1	23.86	23.88	23.98	24.5	1.0
40	64QAM	1	1	22.98	22.61	22.72	23.0	2.5
40	256QAM	1	1	20.07	20.18	20.28	21.0	4.5
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	24.87	24.82	24.82	25.5	0.0
Channel				519000	519000	520000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	1	24.93	24.81	24.79	25.5	0.0

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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				520204	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	24.53	24.48	24.51		
100	PI2 BPSK	1	137	24.51	24.49	24.52		0.0
100	PI2 BPSK	1	271	24.48	24.53	24.52	25.5	
100	PI2 BPSK	135	0	24.47	24.41	24.32	25.0	0.5
100	PI2 BPSK	135	69	24.50	24.51	24.53	25.5	0.0
100	PI2 BPSK	135	138	24.49	24.43	24.42		
100	PI2 BPSK	270	0	24.36	24.41	24.38	25.0	0.5
100	QPSK	1	1	24.49	24.35	24.33		
100	QPSK	1	137	24.54	24.48	24.44		0.0
100	QPSK	1	271	24.46	24.53	24.51		
100	QPSK	135	0	24.40	24.37	24.45	24.5	1.0
100	QPSK	135	69	24.45	24.49	24.41	25.5	0.0
100	QPSK	135	138	24.38	24.35	24.27		
100	QPSK	270	0	24.35	24.38	24.34	24.5	1.0
100	16QAM	1	1	24.47	24.49	24.48	24.5	1.0
100	64QAM	1	1	21.98	21.93	22.11	23.0	2.5
100	256QAM	1	1	19.97	19.96	20.08	21.0	4.5
Channel				507204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	24.49	24.45	24.45	25.5	0.0
Channel				509200	518598	510998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	24.28	24.38	24.33	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	24.34	24.47	24.43	25.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.48	24.43	24.34	25.5	0.0
Channel				501204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.42	24.48	24.48	25.5	0.0

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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				520202	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	25.72	26.15	25.68		
100	PI2 BPSK	1	137	25.72	25.99	25.73		0.0
100	PI2 BPSK	1	271	25.74	26.00	25.76	27.0	
100	PI2 BPSK	135	0	25.25	25.57	25.17	26.5	0.5
100	PI2 BPSK	135	69	25.50	26.12	25.49	27.0	0.0
100	PI2 BPSK	135	138	25.32	25.71	25.19		
100	PI2 BPSK	270	0	25.33	25.61	25.23	26.5	0.5
100	QPSK	1	1	25.74	26.16	25.85		
100	QPSK	1	137	25.53	26.02	25.73		0.0
100	QPSK	1	271	25.73	25.95	25.68		
100	QPSK	135	0	24.83	25.25	24.74	26.0	1.0
100	QPSK	135	69	25.57	26.02	25.73	27.0	0.0
100	QPSK	135	138	24.58	24.96	24.68		
100	QPSK	270	0	24.46	24.99	24.63	26.0	1.0
100	16QAM	1	1	24.82	25.11	24.76	26.0	1.0
100	64QAM	1	1	23.06	23.46	23.13	24.5	2.5
100	256QAM	1	1	21.15	21.57	21.33	22.5	4.5
Channel				507204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2538.02	2592.99	2649.99		
80	QPSK	1	1	25.61	26.02	25.76	27.0	0.0
Channel				509200	518598	510998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2609.98		
60	QPSK	1	1	25.65	26.03	25.78	27.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	25.67	25.99	25.79	27.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	25.68	26.07	25.71	27.0	0.0
Channel				501204	518598	509998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	25.75	26.15	25.65	27.0	0.0



n5 DSI2 Ant4 DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	25.15	25.14	25.06		
20	PI/2 BPSK	1	53	25.06	25.11	25.02	25.5	0.0
20	PI/2 BPSK	1	104	24.90	24.95	24.86		
20	PI/2 BPSK	50	0	24.60	24.65	24.68	25.0	0.5
20	PI/2 BPSK	50	28	25.09	25.05	25.05	25.5	0.0
20	PI/2 BPSK	50	56	24.66	24.58	24.56	25.0	0.5
20	PI/2 BPSK	100	0	24.59	24.55	24.64		
20	QPSK	1	1	24.96	25.17	25.09		
20	QPSK	1	53	25.14	25.15	25.10	25.5	0.0
20	QPSK	1	104	24.46	24.44	24.33		
20	QPSK	50	0	24.07	24.10	24.04	24.5	1.0
20	QPSK	50	28	24.90	25.07	25.01	25.5	0.0
20	QPSK	50	56	24.07	24.09	23.99	24.5	1.0
20	QPSK	100	0	23.96	24.09	23.89		
20	16QAM	1	1	24.17	24.07	24.06	24.5	1.0
20	64QAM	1	1	22.43	22.34	22.33	23.0	2.5
20	256QAM	1	1	20.12	20.19	20.22	21.0	4.5
Channel				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.81	25.01	24.92	25.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	24.85	25.05	25.07	25.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	24.91	25.10	25.00	25.5	0.0

n7 DSI2 Ant4 DFT-15								
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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.20	23.22	23.11		
20	PI/2 BPSK	1	53	23.13	23.30	23.09	24.5	0.0
20	PI/2 BPSK	1	104	23.20	23.31	23.05		
20	PI/2 BPSK	50	0	22.75	22.85	22.69	24.0	0.5
20	PI/2 BPSK	50	28	23.31	23.23	23.29	24.5	0.0
20	PI/2 BPSK	50	56	22.81	22.84	22.68	24.0	0.5
20	PI/2 BPSK	100	0	22.78	22.73	22.90		
20	QPSK	1	1	23.26	23.34	23.27		
20	QPSK	1	53	23.21	23.24	23.04	24.5	0.0
20	QPSK	1	104	23.08	23.30	23.08		
20	QPSK	50	0	23.10	23.13	23.28	23.5	1.0
20	QPSK	50	28	23.24	23.28	23.22	24.5	0.0
20	QPSK	50	56	23.16	23.19	23.13	23.5	1.0
20	QPSK	100	0	22.27	22.38	22.29		
20	16QAM	1	1	22.33	22.35	22.49	23.5	1.0
20	64QAM	1	1	20.69	20.83	20.59	22.0	2.5
20	256QAM	1	1	18.73	18.74	18.73	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	23.82	23.99	23.19	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	23.83	23.90	23.24	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	23.14	23.22	23.15	24.5	0.0



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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				519004	519000	519998		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI2 BPSK	1	1	23.35	23.40	23.44		
40	PI2 BPSK	1	50	23.34	23.30	23.28		0.0
40	PI2 BPSK	1	104	23.22	23.28	23.19		
40	PI2 BPSK	50	0	22.74	22.70	22.59	24.5	0.5
40	PI2 BPSK	50	28	23.17	23.10	23.04	24.5	0.0
40	PI2 BPSK	50	58	22.87	22.84	22.86		
40	PI2 BPSK	100	0	22.63	22.60	22.48		
40	QPSK	1	1	23.35	23.45	23.44		
40	QPSK	1	53	23.28	23.44	23.31		0.0
40	QPSK	1	104	23.32	23.41	23.27		
40	QPSK	50	0	22.30	22.19	22.25	23.5	1.0
40	QPSK	50	28	23.37	23.40	23.37	24.5	0.0
40	QPSK	50	58	22.29	22.41	22.42		
40	QPSK	100	0	22.35	22.40	22.38		
40	16QAM	1	1	22.85	22.55	22.54	23.5	1.0
40	64QAM	1	1	21.11	21.12	21.04	22.0	2.5
40	256QAM	1	1	18.98	18.18	18.12	20.0	4.5
Channel				517002	519000	520998		
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	23.32	23.47	23.25	24.5	0.0
Channel				519000	519000	522000		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	23.25	23.34	23.36	24.5	0.0

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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				520202	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	23.17	23.18	23.23		
100	PI2 BPSK	1	137	23.29	23.16	23.28		
100	PI2 BPSK	1	271	23.24	23.18	23.08	24.5	0.0
100	PI2 BPSK	135	0	23.14	23.19	23.19	24.0	0.5
100	PI2 BPSK	135	69	22.98	23.21	22.98	24.5	0.0
100	PI2 BPSK	135	138	23.10	23.01	23.20	24.0	0.5
100	PI2 BPSK	270	0	22.99	23.05	23.11		
100	QPSK	1	1	23.17	23.30	23.12		
100	QPSK	1	137	23.20	23.21	23.22		0.0
100	QPSK	1	271	23.29	23.09	23.07		
100	QPSK	135	0	23.04	23.26	23.18	23.5	1.0
100	QPSK	135	69	23.08	23.28	23.14	24.5	0.0
100	QPSK	135	138	22.98	23.08	22.94		
100	QPSK	270	0	23.09	23.24	23.04	23.5	1.0
100	16QAM	1	1	23.08	23.21	23.22	23.5	1.0
100	64QAM	1	1	20.86	20.83	20.68	22.0	2.5
100	256QAM	1	1	18.82	18.84	18.82	20.0	4.5
Channel				507204	518598	509998		
Frequency (MHz)				2538.02	2592.99	2649.98		
80	QPSK	1	1	23.02	23.00	22.98	24.5	0.0
Channel				502000	518598	531598		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	23.07	22.99	23.01	24.5	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	22.93	23.04	22.90	24.5	0.0
Channel				502200	518598	534598		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	23.02	23.04	22.83	24.5	0.0
Channel				501204	518598	533998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	23.07	23.00	22.94	24.5	0.0

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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				520202	518598	520998		
Frequency (MHz)				2548.01	2592.99	2640		
100	PI2 BPSK	1	1	24.21	24.29	24.27	26.0	0.0
100	PI2 BPSK	1	137	24.17	24.34	24.28		
100	PI2 BPSK	1	271	23.79	23.88	23.89	22.5	3.5
100	PI2 BPSK	135	0	23.77	23.93	23.89		
100	PI2 BPSK	135	69	24.37	24.12	24.25	26.0	0.0
100	PI2 BPSK	135	138	23.62	23.61	23.72	22.5	3.5
100	PI2 BPSK	270	0	23.71	23.77	23.77	25.5	0.5
100	QPSK	1	1	24.28	23.44	24.32		
100	QPSK	1	137	24.05	24.22	24.27	26.0	0.0
100	QPSK	1	271	23.85	24.01	23.71		
100	QPSK	135	0	23.59	23.65	23.70	22.5	3.5
100	QPSK	135	69	24.28	24.39	24.25	26.0	0.0
100	QPSK	135	138	22.42	22.45	22.43	22.5	3.5
100	QPSK	270	0	23.23	23.35	23.18	25.5	0.5
100	16QAM	1	1	22.24	22.27	22.44	25.0	1.0
100	64QAM	1	1	21.38	21.26	21.44	23.5	2.5
100	256QAM	1	1	19.89	19.75	19.77	21.5	4.5
Channel				507204	518598	509998		
Frequency (MHz)				2538.02	2592.99	2649.98		
80	QPSK	1	1	24.19	24.37	24.22	26.0	0.0
Channel				502000	518598	531598		
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	24.11	24.35	24.21	26.0	0.0
Channel				503202	518598	534000		
Frequency (MHz)				2518.01	2592.99	2670		
40	QPSK	1	1	24.17	24.36	24.19	26.0	0.0
Channel				502200	518598	534598		
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	24.21	24.33	24.23	26.0	0.0
Channel				501204	518598	533998		
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	24.11	24.31	24.20	26.0	0.0



PC2&3 Part270 n77 Ant3 DS12 DFT-30									
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				3750	3840	3930			
Frequency (MHz)				15.62	15.56	15.52			
100	PI/2 BPSK	1	1	15.62	15.56	15.52			
100	PI/2 BPSK	1	137	15.67	15.54	15.55	17.0	0.0	
100	PI/2 BPSK	1	271	15.63	15.47	15.52			
100	PI/2 BPSK	135	0	15.65	15.80	15.63	17.0	0.0	
100	PI/2 BPSK	135	69	15.48	15.62	15.44	17.0	0.0	
100	PI/2 BPSK	135	138	15.61	15.80	15.60			
100	PI/2 BPSK	270	0	15.43	15.31	15.30	17.0	0.0	
100	QPSK	1	1	15.62	15.72	15.58			
100	QPSK	1	137	15.61	15.46	15.70	17.0	0.0	
100	QPSK	1	271	15.43	15.35	15.47			
100	QPSK	135	0	15.62	15.59	15.59	17.0	0.0	
100	QPSK	135	69	15.50	15.66	15.37	17.0	0.0	
100	QPSK	135	138	15.49	15.41	15.36			
100	QPSK	270	0	15.33	15.41	15.31	17.0	0.0	
100	16QAM	1	1	15.46	15.28	15.21	17.0	0.0	
100	64QAM	1	1	15.57	15.63	15.51	17.0	0.0	
100	256QAM	1	1	15.47	15.26	15.70	17.0	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3940.02	(dBm)	(dB)	
80	QPSK	1	1	15.51	15.59	15.45	17.0	0.0	
Channel				648668	656000	663334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3950.01	(dBm)	(dB)	
60	QPSK	1	1	15.47	15.62	15.45	17.0	0.0	
Channel				648334	656000	663668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3955.02	(dBm)	(dB)	
50	QPSK	1	1	15.54	15.68	15.51	17.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3990	(dBm)	(dB)	
40	QPSK	1	1	15.48	15.57	15.52	17.0	0.0	
Channel				647668	656000	664334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3965.01	(dBm)	(dB)	
30	QPSK	1	1	15.51	15.67	15.42	17.0	0.0	
Channel				647334	656000	664668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3970.02	(dBm)	(dB)	
20	QPSK	1	1	15.47	15.56	15.49	17.0	0.0	

PC2&3 Part27Q n77 Ant3 DS12 DFT-30									
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						633334			
Frequency (MHz)						3500.01			
100	PI/2 BPSK	1	1			15.45			
100	PI/2 BPSK	1	137			15.49	17.0	0.0	
100	PI/2 BPSK	1	271			15.39			
100	PI/2 BPSK	135	0			15.55	17.0	0.0	
100	PI/2 BPSK	135	69			15.46	17.0	0.0	
100	PI/2 BPSK	135	138			15.50			
100	PI/2 BPSK	270	0			15.25	17.0	0.0	
100	QPSK	1	1			15.62			
100	QPSK	1	137			15.40	17.0	0.0	
100	QPSK	1	271			15.22			
100	QPSK	135	0			15.48	17.0	0.0	
100	QPSK	135	69			15.52	17.0	0.0	
100	QPSK	135	138			15.34			
100	QPSK	270	0			15.30	17.0	0.0	
100	16QAM	1	1			15.16	17.0	0.0	
100	64QAM	1	1			15.57	17.0	0.0	
100	256QAM	1	1			15.21	17.0	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	15.30	15.45	15.39	17.0	0.0	
Channel				632000	633334	634668	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02	(dBm)	(dB)	
60	QPSK	1	81	15.45	15.51	15.34	17.0	0.0	
Channel				631668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	15.47	15.49	15.38	17.0	0.0	
Channel				631334	633334	636334	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01	(dBm)	(dB)	
40	QPSK	1	53	15.42	15.45	15.32	17.0	0.0	
Channel				631000	633334	636668	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02	(dBm)	(dB)	
30	QPSK	1	39	15.36	15.51	15.35	17.0	0.0	
Channel				630668	633334	636900	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	15.42	15.54	15.31	17.0	0.0	



Part270 n78 PC2&3 Ant3 DS12 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1	15.41	15.41	15.41	17.0	0.0	
100	PI/2 BPSK	1	137	15.47	15.47	15.47	17.0	0.0	
100	PI/2 BPSK	1	271	15.36	15.36	15.36	17.0	0.0	
100	PI/2 BPSK	135	0	15.46	15.46	15.46	17.0	0.0	
100	PI/2 BPSK	135	69	15.54	15.54	15.54	17.0	0.0	
100	PI/2 BPSK	135	138	15.45	15.45	15.45	17.0	0.0	
100	PI/2 BPSK	270	0	15.19	15.19	15.19	17.0	0.0	
100	QPSK	1	1	15.68	15.68	15.68	17.0	0.0	
100	QPSK	1	137	15.40	15.40	15.40	17.0	0.0	
100	QPSK	1	271	15.26	15.26	15.26	17.0	0.0	
100	QPSK	135	0	15.50	15.50	15.50	17.0	0.0	
100	QPSK	135	69	15.62	15.62	15.62	17.0	0.0	
100	QPSK	135	138	15.30	15.30	15.30	17.0	0.0	
100	QPSK	270	0	15.32	15.32	15.32	17.0	0.0	
100	16QAM	1	1	15.23	15.23	15.23	17.0	0.0	
100	64QAM	1	1	15.57	15.57	15.57	17.0	0.0	
100	256QAM	1	1	15.19	15.19	15.19	17.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	15.53	15.62	15.42	17.0	0.0	
Channel				646698	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	15.47	15.58	15.44	17.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.55	15.59	15.51	17.0	0.0	
Channel				646000	650000	652000			
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.49	15.66	15.45	17.0	0.0	
Channel				647698	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.55	15.63	15.49	17.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.47	15.57	15.43	17.0	0.0	

PC2&3 Part27Q n78 Ant3 DS12 DFT-30									
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				633334	633334	633334			
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PI/2 BPSK	1	1	15.32	15.32	15.32	17.0	0.0	
100	PI/2 BPSK	1	137	15.34	15.34	15.34	17.0	0.0	
100	PI/2 BPSK	1	271	15.24	15.24	15.24	17.0	0.0	
100	PI/2 BPSK	135	0	15.36	15.36	15.36	17.0	0.0	
100	PI/2 BPSK	135	69	15.44	15.44	15.44	17.0	0.0	
100	PI/2 BPSK	135	138	15.38	15.38	15.38	17.0	0.0	
100	PI/2 BPSK	270	0	15.12	15.12	15.12	17.0	0.0	
100	QPSK	1	1	15.62	15.62	15.62	17.0	0.0	
100	QPSK	1	137	15.26	15.26	15.26	17.0	0.0	
100	QPSK	1	271	15.16	15.16	15.16	17.0	0.0	
100	QPSK	135	0	15.37	15.37	15.37	17.0	0.0	
100	QPSK	135	69	15.48	15.48	15.48	17.0	0.0	
100	QPSK	135	138	15.22	15.22	15.22	17.0	0.0	
100	QPSK	270	0	15.23	15.23	15.23	17.0	0.0	
100	16QAM	1	1	15.11	15.11	15.11	17.0	0.0	
100	64QAM	1	1	15.43	15.43	15.43	17.0	0.0	
100	256QAM	1	1	15.08	15.08	15.08	17.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	15.43	15.48	15.27	17.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	15.48	15.48	15.33	17.0	0.0	
Channel				631668	633334	635000			
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	15.52	15.55	15.31	17.0	0.0	
Channel				631334	633334	635334			
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	15.47	15.58	15.30	17.0	0.0	
Channel				631000	633334	635668			
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	15.46	15.46	15.36	17.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	15.47	15.57	15.33	17.0	0.0	



PC2&3 Part270 n77 Ant5 DS12 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.41	23.58	22.88			
100	PI/2 BPSK	1	137	22.80	23.36	23.25	24.0	0.0	
100	PI/2 BPSK	1	271	23.27	23.55	23.35			
100	PI/2 BPSK	135	0	23.03	23.21	23.25	24.0	0.0	
100	PI/2 BPSK	135	69	23.25	23.07	23.40	24.0	0.0	
100	PI/2 BPSK	135	138	23.20	23.35	23.37			
100	PI/2 BPSK	270	0	23.05	23.13	22.59	24.0	0.0	
100	QPSK	1	1	23.55	23.61	23.55			
100	QPSK	1	137	23.09	23.44	23.40	24.0	0.0	
100	QPSK	1	271	22.76	23.01	22.89			
100	QPSK	135	0	23.11	23.16	23.16	24.0	0.0	
100	QPSK	135	69	23.07	23.25	23.17	24.0	0.0	
100	QPSK	135	138	23.00	23.20	23.09			
100	QPSK	270	0	23.03	23.24	22.68	24.0	0.0	
100	16QAM	1	1	23.19	23.07	23.00	24.0	0.0	
100	64QAM	1	1	23.12	22.84	22.96	24.0	0.0	
100	256QAM	1	1	21.28	21.31	21.22	22.5	1.5	
Channel				643334	656000	662688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	24.0	0.0	
80	QPSK	1	1	23.50	23.51	23.43			
Channel				648688	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	23.49	23.46	23.47	24.0	0.0	
Channel				643334	656000	663688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735.01	3840	3955.02			
50	QPSK	1	1	23.40	23.40	23.41	24.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	23.48	23.55	23.40	24.0	0.0	
Channel				647688	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	23.50	23.46	23.47	24.0	0.0	
Channel				647334	656000	664688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	23.51	23.50	23.41	24.0	0.0	

PC2&3 Part27Q n77 Ant5 DS12 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				632000	633334				
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		23.49				
100	PI/2 BPSK	1	137		23.21		24.0	0.0	
100	PI/2 BPSK	1	271		23.47				
100	PI/2 BPSK	135	0		23.11		24.0	0.0	
100	PI/2 BPSK	135	69		23.01		24.0	0.0	
100	PI/2 BPSK	135	138		23.20				
100	PI/2 BPSK	270	0		23.05		24.0	0.0	
100	QPSK	1	1		23.52				
100	QPSK	1	137		23.36		24.0	0.0	
100	QPSK	1	271		22.93				
100	QPSK	135	0		23.06		24.0	0.0	
100	QPSK	135	69		23.16		24.0	0.0	
100	QPSK	135	138		23.09				
100	QPSK	270	0		23.16		24.0	0.0	
100	16QAM	1	1		23.05		24.0	0.0	
100	64QAM	1	1		22.80		24.0	0.0	
100	256QAM	1	1		21.21		22.5	1.5	
Channel				632688	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	24.0	0.0	
80	QPSK	1	109		23.42	23.37	23.29		
Channel				632000	633334	634688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81		23.38	23.37	23.32		
Channel				631688	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		23.45	23.38	23.37		
Channel				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53		23.38	23.38	23.32		
Channel				631000	633334	635688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	39		23.38	23.47	23.39		
Channel				630688	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		23.43	23.46	23.30		



PC2&3 Part27O n78 Ant5 DS12 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	23.45			24.0	0.0
100	PI/2 BPSK	1	137	23.26				
100	PI/2 BPSK	1	271	23.44				
100	PI/2 BPSK	135	0	23.13				
100	PI/2 BPSK	135	69	23.01				
100	PI/2 BPSK	135	138	23.23				
100	PI/2 BPSK	270	0	23.00				
100	QPSK	1	1	23.48				
100	QPSK	1	137	23.31				
100	QPSK	1	271	22.95				
100	QPSK	135	0	23.11			23.0	1.0
100	QPSK	135	69	23.18			24.0	0.0
100	QPSK	135	138	23.07			23.0	1.0
100	QPSK	270	0	23.15			24.0	0.0
100	16QAM	1	1	22.95			24.0	0.0
100	64QAM	1	1	22.76			24.0	0.0
100	256QAM	1	1	21.22			24.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	1	23.44	23.46	23.34	24.0	0.0
Channel				648688	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	1	23.30	23.30	23.33	24.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	1	23.33	23.22	23.43	24.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	1	23.22	23.30	23.25	24.0	0.0
Channel				647688	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	1	23.34	23.26	23.23	24.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	1	23.33	23.38	23.19	24.0	0.0

PC2&3 Part27Q n78 Ant5 DS12 DFT-30								
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				633334				
Frequency (MHz)				3800.01				
100	PI/2 BPSK	1	1	23.44			24.0	0.0
100	PI/2 BPSK	1	137	23.17				
100	PI/2 BPSK	1	271	23.43				
100	PI/2 BPSK	135	0	23.02				
100	PI/2 BPSK	135	69	22.90				
100	PI/2 BPSK	135	138	22.99				
100	PI/2 BPSK	270	0	22.99				
100	QPSK	1	1	23.52				
100	QPSK	1	137	23.36				
100	QPSK	1	271	22.74				
100	QPSK	135	0	23.05			24.0	0.0
100	QPSK	135	69	22.95			24.0	0.0
100	QPSK	135	138	22.92			24.0	0.0
100	QPSK	270	0	23.05			24.0	0.0
100	16QAM	1	1	22.90			24.0	0.0
100	64QAM	1	1	22.61			24.0	0.0
100	256QAM	1	1	21.15			24.0	0.0
Channel				632688	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3800.01	3510	(dBm)	(dB)
80	QPSK	1	109	23.34	23.40	23.25	24.0	0.0
Channel				632000	633334	634688	Tune-up limit	MPR
Frequency (MHz)				3480	3800.01	3820.02	(dBm)	(dB)
60	QPSK	1	81	23.31	23.38	23.23	24.0	0.0
Channel				631688	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3800.01	3525	(dBm)	(dB)
50	QPSK	1	67	23.35	23.31	23.22	24.0	0.0
Channel				631334	633334	635334	Tune-up limit	MPR
Frequency (MHz)				3470.01	3800.01	3830.01	(dBm)	(dB)
40	QPSK	1	53	23.37	23.38	23.21	24.0	0.0
Channel				631000	633334	635688	Tune-up limit	MPR
Frequency (MHz)				3465	3800.01	3835.02	(dBm)	(dB)
30	QPSK	1	39	23.33	23.40	23.20	24.0	0.0
Channel				630688	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3800.01	3540	(dBm)	(dB)
20	QPSK	1	26	23.42	23.41	23.19	24.0	0.0



n5 Ant0 DS14 DFT-15								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.87	24.95	24.88		
20	PI/2 BPSK	1	53	24.79	24.91	24.89	25.5	0.0
20	PI/2 BPSK	1	104	24.74	24.72	24.64		
20	PI/2 BPSK	50	0	24.41	24.32	24.29	25.0	0.5
20	PI/2 BPSK	50	28	24.91	24.86	24.75	25.5	0.0
20	PI/2 BPSK	50	56	24.32	24.28	24.16		
20	PI/2 BPSK	100	0	24.36	24.40	24.33	25.0	0.5
20	QPSK	1	1	24.86	24.97	24.91		
20	QPSK	1	53	24.92	24.87	24.83	25.5	0.0
20	QPSK	1	104	24.59	24.66	24.66		
20	QPSK	50	0	23.94	23.91	23.83	24.5	1.0
20	QPSK	50	28	24.88	24.94	24.87	25.5	0.0
20	QPSK	50	56	23.83	23.85	23.84	24.5	1.0
20	QPSK	100	0	23.82	23.86	23.80		
20	16QAM	1	1	23.84	23.89	23.80	24.5	1.0
20	64QAM	1	1	22.50	22.62	22.67	23.0	2.5
20	256QAM	1	1	20.25	20.24	20.19	21.0	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	24.84	24.88	24.86	25.5	0.0
Channel				166800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				833	836.5	844		
10	QPSK	1	1	24.75	24.90	24.71	25.5	0.0
Channel				166300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				836.5	836.5	846.5		
5	QPSK	1	1	24.71	24.93	24.81	25.5	0.0

n7 Ant0 DS14 DFT-15								
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				502000	507000	512000		
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.73	18.74	18.80		
20	PI/2 BPSK	1	53	18.66	18.57	18.54	19.5	0.0
20	PI/2 BPSK	1	104	18.72	18.65	18.62		
20	PI/2 BPSK	50	0	18.56	18.66	18.65	19.5	0.0
20	PI/2 BPSK	50	28	18.70	18.80	18.66	19.5	0.0
20	PI/2 BPSK	50	56	18.52	18.53	18.55		
20	PI/2 BPSK	100	0	18.61	18.76	18.56	19.5	0.0
20	QPSK	1	1	18.72	18.63	18.80		
20	QPSK	1	53	18.65	18.60	18.64	19.5	0.0
20	QPSK	1	104	18.60	18.59	18.52		
20	QPSK	50	0	18.57	18.67	18.56	19.5	0.0
20	QPSK	50	28	18.46	18.59	18.38	19.5	0.0
20	QPSK	50	56	18.49	18.51	18.52		
20	QPSK	100	0	18.54	18.74	18.53	19.5	0.0
20	16QAM	1	1	18.71	18.63	18.59	19.5	0.0
20	64QAM	1	1	18.70	18.70	18.62	19.5	0.0
20	256QAM	1	1	18.70	18.69	18.73	19.5	0.0
Channel				501500	507600	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	1	18.53	18.63	18.75	19.5	0.0
Channel				501000	507600	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	1	18.62	18.67	18.76	19.5	0.0
Channel				500500	507600	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	1	18.71	18.65	18.63	19.5	0.0



n38 Ant0 DS14 DFT-30								
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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.99		
40	PI/2 BPSK	1	1	18.34	18.37	18.22		
40	PI/2 BPSK	1	53	18.36	18.42	18.43	19.5	0.0
40	PI/2 BPSK	1	104	18.33	18.24	18.31		
40	PI/2 BPSK	50	0	18.30	18.47	18.51	19.5	0.0
40	PI/2 BPSK	50	28	18.30	18.45	18.28	19.5	0.0
40	PI/2 BPSK	50	56	18.23	18.53	18.32		
40	PI/2 BPSK	100	0	18.26	18.45	18.37	19.5	0.0
40	QPSK	1	1	18.30	18.55	18.50		
40	QPSK	1	53	18.12	18.29	18.38	19.5	0.0
40	QPSK	1	104	18.37	18.37	18.27		
40	QPSK	50	0	18.50	18.53	18.31	19.5	0.0
40	QPSK	50	28	18.19	18.18	18.28	19.5	0.0
40	QPSK	50	56	18.47	18.43	18.49	19.5	0.0
40	QPSK	100	0	18.40	18.51	18.46		
40	16QAM	1	1	18.17	18.37	18.36	19.5	0.0
40	64QAM	1	1	18.37	18.37	18.35	19.5	0.0
40	256QAM	1	1	18.27	18.47	18.39	19.5	0.0
Channel				517092	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	18.15	18.48	18.41	19.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	18.23	18.47	18.56	19.5	0.0

n41 PC2&3 Ant0 DS14 DFT-30								
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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.52	18.59	18.40		
100	PI/2 BPSK	1	137	18.53	18.43	18.64	19.5	0.0
100	PI/2 BPSK	1	271	18.59	18.48	18.42		
100	PI/2 BPSK	135	0	18.34	18.44	18.52	19.5	0.0
100	PI/2 BPSK	135	69	18.46	18.56	18.28	19.5	0.0
100	PI/2 BPSK	135	138	18.25	18.32	18.35		
100	PI/2 BPSK	270	0	18.48	18.19	18.33	19.5	0.0
100	QPSK	1	1	18.61	18.65	18.50		
100	QPSK	1	137	18.07	17.94	18.15	19.5	0.0
100	QPSK	1	271	18.50	18.44	18.42		
100	QPSK	135	0	18.33	18.42	18.38	19.5	0.0
100	QPSK	135	69	18.42	18.53	18.45	19.5	0.0
100	QPSK	135	138	18.36	18.43	18.27		
100	QPSK	270	0	18.21	18.36	18.16	19.5	0.0
100	16QAM	1	1	18.33	18.11	18.21	19.5	0.0
100	64QAM	1	1	18.36	18.33	18.40	19.5	0.0
100	256QAM	1	1	18.31	18.22	18.41	19.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	18.30	18.47	18.48	19.5	0.0
Channel				506200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.99		
60	QPSK	1	1	18.40	18.46	18.37	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	18.40	18.50	18.34	19.5	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.99		
30	QPSK	1	1	18.42	18.58	18.34	19.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.50	18.47	18.43	19.5	0.0



n5 Ant4 DS14 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				166800	167300	167800			
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	25.15	25.14	25.06			
20	PI/2 BPSK	1	53	25.06	25.11	25.02	25.5	0.0	
20	PI/2 BPSK	1	104	24.90	24.95	24.86			
20	PI/2 BPSK	50	0	24.60	24.65	24.68	25.0	0.5	
20	PI/2 BPSK	50	28	25.09	25.05	25.05	25.5	0.0	
20	PI/2 BPSK	50	56	24.66	24.58	24.56			0.5
20	PI/2 BPSK	100	0	24.59	24.55	24.64	25.0		
20	QPSK	1	1	24.96	25.17	25.09			
20	QPSK	1	53	25.14	25.15	25.10	25.5	0.0	
20	QPSK	1	104	24.46	24.44	24.33			
20	QPSK	50	0	24.07	24.10	24.04	24.5	1.0	
20	QPSK	50	28	24.90	25.07	25.01	25.5	0.0	
20	QPSK	50	56	24.07	24.09	23.99	24.5	1.0	
20	QPSK	100	0	23.96	24.09	23.89			
20	16QAM	1	1	24.17	24.07	24.06	24.5	1.0	
20	64QAM	1	1	22.43	22.34	22.33	23.0	2.5	
20	256QAM	1	1	20.12	20.19	20.22	21.0	4.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	24.81	25.01	24.92	25.5	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	24.85	25.05	25.07	25.5	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	24.91	25.10	25.00	25.5	0.0	

n7 Ant4 DS14 DFT-15									
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				502000	507000	512000			
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	19.41	19.42	19.39			
20	PI/2 BPSK	1	53	19.43	19.55	19.62	21.0	0.0	
20	PI/2 BPSK	1	104	19.36	19.57	19.36			
20	PI/2 BPSK	50	0	19.11	19.97	19.96	21.0	0.0	
20	PI/2 BPSK	50	28	19.59	19.37	19.54	21.0	0.0	
20	PI/2 BPSK	50	56	18.86	19.09	18.89			0.0
20	PI/2 BPSK	100	0	19.03	18.89	19.10	21.0		
20	QPSK	1	1	19.30	19.64	19.48			
20	QPSK	1	53	19.42	19.63	19.37	21.0	0.0	
20	QPSK	1	104	19.54	19.49	19.36			
20	QPSK	50	0	19.35	19.48	19.25	21.0	0.0	
20	QPSK	50	28	19.29	19.49	19.34	21.0	0.0	
20	QPSK	50	56	19.28	19.33	19.36	21.0	0.0	
20	QPSK	100	0	19.24	19.37	19.28			
20	16QAM	1	1	19.60	19.59	19.22	21.0	0.0	
20	64QAM	1	1	19.45	19.39	19.38	21.0	0.0	
20	256QAM	1	1	19.51	18.42	18.20	20.0	1.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	1	19.23	19.47	19.34	21.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	1	19.13	19.62	19.92	21.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	1	19.16	19.59	19.48	21.0	0.0	



n38 Ant4 DS14 DFT-30								
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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.05	19.11	19.08		
40	PI/2 BPSK	1	53	19.22	19.28	19.09	21.0	0.0
40	PI/2 BPSK	1	104	19.09	19.04	19.10		
40	PI/2 BPSK	50	0	19.00	19.08	18.96	21.0	0.0
40	PI/2 BPSK	50	28	19.07	19.22	18.97	21.0	0.0
40	PI/2 BPSK	50	56	18.94	19.11	18.88		
40	PI/2 BPSK	100	0	19.03	18.72	18.85	21.0	0.0
40	QPSK	1	1	19.24	19.34	19.04		
40	QPSK	1	53	19.25	19.13	18.88	21.0	0.0
40	QPSK	1	104	19.05	19.05	19.05		
40	QPSK	50	0	18.92	19.00	19.03	21.0	0.0
40	QPSK	50	28	18.97	19.11	19.04	21.0	0.0
40	QPSK	50	56	18.86	18.76	19.09		
40	QPSK	100	0	18.84	19.23	19.18	21.0	0.0
40	16QAM	1	1	19.09	19.11	18.92	21.0	0.0
40	64QAM	1	1	19.11	19.20	19.21	21.0	0.0
40	256QAM	1	1	19.21	19.16	19.19	21.0	0.0
Channel				517092	519000	520998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2585.01	2595	2604.99		
30	QPSK	1	1	19.07	19.27	18.94	21.0	0.0
Channel				516090	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	1	19.24	19.33	18.77	21.0	0.0

n41 PC2&3 Ant4 DS14 DFT-30								
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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.45	19.52	19.42		
100	PI/2 BPSK	1	137	19.30	19.55	19.46	21.0	0.0
100	PI/2 BPSK	1	271	19.45	19.55	19.29		
100	PI/2 BPSK	135	0	19.42	19.49	19.28	21.0	0.0
100	PI/2 BPSK	135	69	19.49	19.57	19.29	21.0	0.0
100	PI/2 BPSK	135	138	19.35	19.46	19.27		
100	PI/2 BPSK	270	0	19.36	19.45	19.33	21.0	0.0
100	QPSK	1	1	19.50	19.64	19.48		
100	QPSK	1	137	19.44	19.51	19.33	21.0	0.0
100	QPSK	1	271	19.51	19.45	19.28		
100	QPSK	135	0	19.32	19.60	19.26	21.0	0.0
100	QPSK	135	69	19.30	19.62	19.35	21.0	0.0
100	QPSK	135	138	19.45	19.49	19.44	21.0	0.0
100	QPSK	270	0	19.46	19.51	19.28		
100	16QAM	1	1	19.36	19.58	19.43	21.0	0.0
100	64QAM	1	1	19.48	19.46	19.29	21.0	0.0
100	256QAM	1	1	19.37	19.54	19.31	21.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	19.31	19.54	19.46	21.0	0.0
Channel				506200	518598	531998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	19.41	19.46	19.37	21.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.26	19.49	19.44	21.0	0.0
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	19.44	19.48	19.40	21.0	0.0
Channel				501204	518598	536998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	19.51	19.47	19.48	21.0	0.0



PC2&3 Part270 n77 Ant3 DS14 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.62	15.56	15.52			
100	PI/2 BPSK	1	137	15.67	15.54	15.55	17.0	0.0	
100	PI/2 BPSK	1	271	15.63	15.47	15.52			
100	PI/2 BPSK	135	0	15.65	15.60	15.63	17.0	0.0	
100	PI/2 BPSK	135	69	15.48	15.62	15.44	17.0	0.0	
100	PI/2 BPSK	135	138	15.61	15.60	15.60			
100	PI/2 BPSK	270	0	15.43	15.31	15.30	17.0	0.0	
100	QPSK	1	1	15.62	15.72	15.58			
100	QPSK	1	137	15.61	15.46	15.70	17.0	0.0	
100	QPSK	1	271	15.43	15.35	15.47			
100	QPSK	135	0	15.62	15.59	15.59	17.0	0.0	
100	QPSK	135	69	15.50	15.66	15.37	17.0	0.0	
100	QPSK	135	138	15.49	15.41	15.36	17.0	0.0	
100	QPSK	270	0	15.33	15.41	15.31			
100	16QAM	1	1	15.46	15.28	15.21	17.0	0.0	
100	64QAM	1	1	15.57	15.63	15.51	17.0	0.0	
100	256QAM	1	1	15.47	15.26	15.70	17.0	0.0	
Channel				640334	656000	662688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	15.51	15.59	15.45	17.0	0.0	
Channel				648688	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	15.47	15.62	15.45	17.0	0.0	
Channel				648334	656000	663688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02			
50	QPSK	1	1	15.54	15.68	15.51	17.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3950			
40	QPSK	1	1	15.48	15.57	15.52	17.0	0.0	
Channel				647688	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	15.51	15.67	15.42	17.0	0.0	
Channel				647334	656000	664688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	15.47	15.56	15.49	17.0	0.0	

PC2&3 Part27Q n77 Ant3 DS14 DFT-30									
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				630000	633334				
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	15.45					
100	PI/2 BPSK	1	137	15.49			17.0	0.0	
100	PI/2 BPSK	1	271	15.39					
100	PI/2 BPSK	135	0	15.55			17.0	0.0	
100	PI/2 BPSK	135	69	15.46			17.0	0.0	
100	PI/2 BPSK	135	138	15.50					
100	PI/2 BPSK	270	0	15.25			17.0	0.0	
100	QPSK	1	1	15.62					
100	QPSK	1	137	15.40			17.0	0.0	
100	QPSK	1	271	15.22					
100	QPSK	135	0	15.48			17.0	0.0	
100	QPSK	135	69	15.52			17.0	0.0	
100	QPSK	135	138	15.34			17.0	0.0	
100	QPSK	270	0	15.30					
100	16QAM	1	1	15.16			17.0	0.0	
100	64QAM	1	1	15.57			17.0	0.0	
100	256QAM	1	1	15.21			17.0	0.0	
Channel				632688	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109	15.36	15.45	15.39	17.0	0.0	
Channel				632000	633334	634688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81	15.45	15.51	15.34	17.0	0.0	
Channel				631688	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67	15.47	15.49	15.38	17.0	0.0	
Channel				631334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	15.42	15.45	15.32	17.0	0.0	
Channel				631000	633334	636688	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	39	15.36	15.51	15.35	17.0	0.0	
Channel				630688	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	15.42	15.54	15.31	17.0	0.0	



Part270 n78 PC2&3 Ant3 DS14 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1	15.41					
100	PI/2 BPSK	1	137	15.47			17.0	0.0	
100	PI/2 BPSK	1	271	15.36					
100	PI/2 BPSK	135	0	15.46			17.0	0.0	
100	PI/2 BPSK	135	69	15.54			17.0	0.0	
100	PI/2 BPSK	135	138	15.45			17.0	0.0	
100	PI/2 BPSK	270	0	15.19					
100	QPSK	1	1	15.68					
100	QPSK	1	137	15.40			17.0	0.0	
100	QPSK	1	271	15.26					
100	QPSK	135	0	15.50			17.0	0.0	
100	QPSK	135	69	15.62			17.0	0.0	
100	QPSK	135	138	15.30			17.0	0.0	
100	QPSK	270	0	15.32					
100	16QAM	1	1	15.23			17.0	0.0	
100	64QAM	1	1	15.57			17.0	0.0	
100	256QAM	1	1	15.19			17.0	0.0	
Channel				649334	650000	650668			
Frequency (MHz)				3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	1	15.53	15.62	15.42	17.0	0.0	
Channel				646698	650000	651334			
Frequency (MHz)				3730.02	3750	3770.01	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	1	15.47	15.58	15.44	17.0	0.0	
Channel				648334	650000	651668			
Frequency (MHz)				3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	1	15.55	15.59	15.51	17.0	0.0	
Channel				646000	650000	652000			
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	1	15.49	15.66	15.45	17.0	0.0	
Channel				647698	650000	652334			
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	15.55	15.63	15.49	17.0	0.0	
Channel				647334	650000	652668			
Frequency (MHz)				3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	15.47	15.57	15.43	17.0	0.0	

PC2&3 Part27Q n78 Ant3 DS14 DFT-30									
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				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	15.32					
100	PI/2 BPSK	1	137	15.34			17.0	0.0	
100	PI/2 BPSK	1	271	15.24					
100	PI/2 BPSK	135	0	15.36			17.0	0.0	
100	PI/2 BPSK	135	69	15.44			17.0	0.0	
100	PI/2 BPSK	135	138	15.38			17.0	0.0	
100	PI/2 BPSK	270	0	15.12					
100	QPSK	1	1	15.62					
100	QPSK	1	137	15.26			17.0	0.0	
100	QPSK	1	271	15.16					
100	QPSK	135	0	15.37			17.0	0.0	
100	QPSK	135	69	15.48			17.0	0.0	
100	QPSK	135	138	15.22			17.0	0.0	
100	QPSK	270	0	15.23					
100	16QAM	1	1	15.11			17.0	0.0	
100	64QAM	1	1	15.43			17.0	0.0	
100	256QAM	1	1	15.08			17.0	0.0	
Channel				632668	633334	634000			
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	15.43	15.48	15.27	17.0	0.0	
Channel				632000	633334	634668			
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	15.48	15.48	15.33	17.0	0.0	
Channel				631668	633334	636000			
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	15.52	15.55	15.31	17.0	0.0	
Channel				631334	633334	636334			
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	15.47	15.58	15.30	17.0	0.0	
Channel				631000	633334	636668			
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	15.46	15.46	15.36	17.0	0.0	
Channel				630668	633334	636000			
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	15.47	15.57	15.33	17.0	0.0	



PC2&3 Part27O n77 Ant5 DS14 DFT-30									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	16.50	16.58	16.40			
100	PI/2 BPSK	1	137	16.40	16.37	16.56	17.0	0.0	
100	PI/2 BPSK	1	271	16.51	16.59	16.50			
100	PI/2 BPSK	135	0	16.41	16.40	16.62	17.0	0.0	
100	PI/2 BPSK	135	69	16.42	16.57	16.59	17.0	0.0	
100	PI/2 BPSK	135	138	16.47	16.50	16.43			
100	PI/2 BPSK	270	0	16.27	16.32	16.21	17.0	0.0	
100	QPSK	1	1	16.62	16.71	16.49			
100	QPSK	1	137	16.50	16.44	16.47	17.0	0.0	
100	QPSK	1	271	16.24	16.33	16.23			
100	QPSK	135	0	16.54	16.51	16.53	17.0	0.0	
100	QPSK	135	69	16.39	16.61	16.50	17.0	0.0	
100	QPSK	135	138	16.23	16.36	16.46	17.0	0.0	
100	QPSK	270	0	16.34	16.40	16.32			
100	16QAM	1	1	16.34	16.27	16.20	17.0	0.0	
100	64QAM	1	1	16.34	16.49	16.54	17.0	0.0	
100	256QAM	1	1	16.28	16.25	16.50	17.0	0.0	
Channel				643334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02			
80	QPSK	1	1	16.47	16.65	16.33	17.0	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01			
60	QPSK	1	1	16.48	16.59	16.33	17.0	0.0	
Channel				643334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735.01	3840	3955.02			
50	QPSK	1	1	16.50	16.59	16.44	17.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	QPSK	1	1	16.47	16.56	16.34	17.0	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01			
30	QPSK	1	1	16.53	16.64	16.30	17.0	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02			
20	QPSK	1	1	16.48	16.66	16.36	17.0	0.0	

PC2&3 Part27Q n77 Ant5 DS14 DFT-30									
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				633334					
Frequency (MHz)				3900.01					
100	PI/2 BPSK	1	1	16.47					
100	PI/2 BPSK	1	137	16.32			17.0	0.0	
100	PI/2 BPSK	1	271	16.47					
100	PI/2 BPSK	135	0	16.32			17.0	0.0	
100	PI/2 BPSK	135	69	16.44			17.0	0.0	
100	PI/2 BPSK	135	138	16.41					
100	PI/2 BPSK	270	0	16.25			17.0	0.0	
100	QPSK	1	1	16.59					
100	QPSK	1	137	16.29			17.0	0.0	
100	QPSK	1	271	16.21					
100	QPSK	135	0	16.42			17.0	0.0	
100	QPSK	135	69	16.53			17.0	0.0	
100	QPSK	135	138	16.25			17.0	0.0	
100	QPSK	270	0	16.31					
100	16QAM	1	1	16.15			17.0	0.0	
100	64QAM	1	1	16.44			17.0	0.0	
100	256QAM	1	1	16.16			17.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3900.01	3510			
80	QPSK	1	109	16.33	16.55	16.21	17.0	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3900.01	3520.02			
60	QPSK	1	81	16.42	16.52	16.25	17.0	0.0	
Channel				631668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3900.01	3525			
50	QPSK	1	67	16.30	16.52	16.17	17.0	0.0	
Channel				631334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3900.01	3530.01			
40	QPSK	1	53	16.30	16.59	16.28	17.0	0.0	
Channel				631000	633334	636668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3900.01	3535.02			
30	QPSK	1	39	16.30	16.52	16.21	17.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3900.01	3540			
20	QPSK	1	26	16.41	16.55	16.29	17.0	0.0	



PC2&3 Part27O n78 Ant5 DS4 DFT-30								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	16.52			17.0	0.0
100	PI/2 BPSK	1	137	16.27				
100	PI/2 BPSK	1	271	16.55				
100	PI/2 BPSK	135	0	16.33			17.0	0.0
100	PI/2 BPSK	135	69	16.46			17.0	0.0
100	PI/2 BPSK	135	138	16.42			17.0	0.0
100	PI/2 BPSK	270	0	16.16				
100	QPSK	1	1	16.58				
100	QPSK	1	137	16.36			17.0	0.0
100	QPSK	1	271	16.27				
100	QPSK	135	0	16.41			16.0	1.0
100	QPSK	135	69	16.50			17.0	0.0
100	QPSK	135	138	16.23			16.0	1.0
100	QPSK	270	0	16.27				
100	16QAM	1	1	16.18			17.0	0.0
100	64QAM	1	1	16.42			17.0	0.0
100	256QAM	1	1	16.10			17.0	0.0
Channel				649334	650000	650668		
Frequency (MHz)				3740.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	1	16.46	16.51	16.30	17.0	0.0
Channel				646668	650000	651334		
Frequency (MHz)				3730.02	3750	3770.01	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	1	16.33	16.47	16.22	17.0	0.0
Channel				646334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	1	16.29	16.41	16.16	17.0	0.0
Channel				646000	650000	652000		
Frequency (MHz)				3720	3750	3780	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	1	16.36	16.39	16.25	17.0	0.0
Channel				647668	650000	652334		
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.34	16.43	16.23	17.0	0.0
Channel				647334	650000	652668		
Frequency (MHz)				3710.01	3750	3790.02	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.33	16.38	16.19	17.0	0.0

PC2&3 Part27Q n78 Ant5 DS4 DFT-30								
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				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	16.39				
100	PI/2 BPSK	1	137	16.21			17.0	0.0
100	PI/2 BPSK	1	271	16.31				
100	PI/2 BPSK	135	0	16.20			17.0	0.0
100	PI/2 BPSK	135	69	16.40			17.0	0.0
100	PI/2 BPSK	135	138	16.35			17.0	0.0
100	PI/2 BPSK	270	0	16.01				
100	QPSK	1	1	16.44				
100	QPSK	1	137	16.29			17.0	0.0
100	QPSK	1	271	16.23				
100	QPSK	135	0	16.36			17.0	0.0
100	QPSK	135	69	16.47			17.0	0.0
100	QPSK	135	138	16.17			17.0	0.0
100	QPSK	270	0	16.14				
100	16QAM	1	1	16.09			17.0	0.0
100	64QAM	1	1	16.27			17.0	0.0
100	256QAM	1	1	16.05			17.0	0.0
Channel				632668	633334	634000		
Frequency (MHz)				3490.02	3500.01	3510	Tune-up limit (dBm)	MPR (dB)
80	QPSK	1	109	16.34	16.40	16.25	17.0	0.0
Channel				632000	633334	634668		
Frequency (MHz)				3480	3500.01	3520.02	Tune-up limit (dBm)	MPR (dB)
60	QPSK	1	81	16.31	16.38	16.23	17.0	0.0
Channel				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525	Tune-up limit (dBm)	MPR (dB)
50	QPSK	1	67	16.35	16.41	16.22	17.0	0.0
Channel				631334	633334	635334		
Frequency (MHz)				3470.01	3500.01	3530.01	Tune-up limit (dBm)	MPR (dB)
40	QPSK	1	53	16.37	16.38	16.21	17.0	0.0
Channel				631000	633334	635668		
Frequency (MHz)				3465	3500.01	3535.02	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	39	16.30	16.40	16.20	17.0	0.0
Channel				630668	633334	636000		
Frequency (MHz)				3460.02	3500.01	3540	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	26	16.42	16.41	16.19	17.0	0.0



WLAN/Bluetooth Power

2.4GHz WLAN					Ant 6 Receiver off		Ant 6 Receiver On	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11b 1Mbps	1	2412	18.25	20.00	12.42	14.00	99.30	
	6	2437	19.09	20.50	12.73	14.00		
	11	2462	18.69	20.50	12.68	14.00		
802.11g 6Mbps	1	2412	17.23	19.00		14.00	98.30	
	6	2437	17.63	19.00		14.00		
	11	2462	18.73	19.00		14.00		
802.11n-HT20 MCS0	1	2412	17.19	18.00		14.00	98.20	
	6	2437	17.40	18.00		14.00		
	11	2462	17.65	18.00		14.00		
802.11n-HT40 MCS0	3	2422	12.02	14.00		14.00	95.10	
	8	2437	15.38	16.00		14.00		
	9	2452	14.42	16.00		14.00		

5.2GHz WLAN					Ant 6 Receiver off		Ant 6 Receiver On	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	36	5180	17.64	18.50		12.50	97.60	
	40	5200	17.64	18.50		12.50		
	44	5220	17.72	18.50		12.50		
	48	5240	18.11	18.50		12.50		
802.11n-HT20 MCS0	36	5180	16.53	18.00		12.50	97.20	
	40	5200	16.47	18.00		12.50		
	44	5220	16.60	18.00		12.50		
	48	5240	16.79	18.00		12.50		
802.11n-HT40 MCS0	38	5190	15.73	17.00		12.50	94.90	
	46	5230	15.93	17.00		12.50		
802.11ac VHT20 MCS0	36	5180	16.93	18.00		12.50	97.40	
	40	5200	16.93	18.00		12.50		
	44	5220	17.05	18.00		12.50		
	48	5240	17.17	18.00		12.50		
802.11ac VHT40 MCS0	38	5190	15.73	17.00		12.50	95.10	
	46	5230	15.88	17.00		12.50		
802.11ac VHT80 MCS0	42	5210	14.77	16.00	11.26	12.50	90.10	

5.3GHz WLAN					Ant 6 Receiver off		Ant 6 Receiver On	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	52	5280	18.06	18.50		12.50	97.60	
	56	5280	18.14	18.50		12.50		
	60	5300	18.16	18.50		12.50		
	64	5320	18.21	18.50		12.50		
802.11n-HT20 MCS0	52	5280	16.94	18.00		12.50	97.20	
	56	5280	16.98	18.00		12.50		
	60	5300	17.17	18.00		12.50		
	64	5320	17.20	18.00		12.50		
802.11n-HT40 MCS0	54	5270	16.16	17.50		12.50	94.90	
	62	5310	16.43	17.50		12.50		
802.11ac VHT20 MCS0	52	5280	16.93	18.00		12.50	97.40	
	56	5280	17.05	18.00		12.50		
	60	5300	17.17	18.00		12.50		
	64	5320	17.15	18.00		12.50		
802.11ac VHT40 MCS0	54	5270	16.24	17.50		12.50	95.10	
	62	5310	16.43	17.50		12.50		
802.11ac VHT80 MCS0	58	5290	14.71	16.00	11.35	12.50	90.10	

5.5GHz WLAN					Ant 6 Receiver off		Ant 6 Receiver On	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	100	5500	17.79	18.50		12.00	97.60	
	116	5580	18.07	18.50		12.00		
	124	5620	18.15	18.50		12.00		
	132	5660	17.99	18.50		12.00		
	140	5700	17.84	18.50		12.00		
	144	5720	15.01	17.00		12.00		
802.11n-HT20 MCS0	100	5500	16.70	18.00		12.00	97.20	
	116	5580	17.03	18.00		12.00		
	124	5620	17.08	18.00		12.00		
	132	5660	16.97	18.00		12.00		
	140	5700	16.74	18.00		12.00		
	144	5720	13.81	15.50		12.00		
802.11n-HT40 MCS0	102	5510	15.94	17.00		12.00	94.90	
	110	5550	16.13	17.00		12.00		
	126	5630	16.35	17.00		12.00		
	134	5670	16.14	17.00		12.00		
	142	5710	13.79	15.50		12.00		
	100	5500	16.62	17.00		12.00		
802.11ac VHT20 MCS0	116	5580	16.94	17.00		12.00	97.40	
	124	5620	17.16	18.00		12.00		
	132	5660	17.11	18.00		12.00		
	140	5700	16.75	17.00		12.00		
	144	5720	13.80	15.50		12.00		
	102	5510	15.96	17.00		12.00		
802.11ac VHT40 MCS0	110	5550	16.09	17.00		12.00	95.10	
	126	5630	16.34	17.00		12.00		
	134	5670	16.08	17.00		12.00		
	142	5710	13.81	15.50		12.00		
	106	5530	14.74	16.00	10.78	12.00		
	122	5610	15.02	16.00	11.08	12.00		
802.11ac VHT80 MCS0	138	5690	13.13	15.00	10.98	12.00	90.10	

5.8GHz WLAN					Ant 6 Receiver off		Ant 6 Receiver On	
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
802.11a 6Mbps	149	5745	16.51	18.00		11.50	97.60	
	157	5785	16.40	18.00		11.50		
	165	5825	16.33	18.00		11.50		
802.11n-HT20 MCS0	149	5745	15.47	17.00		11.50	97.20	
	157	5785	15.31	17.00		11.50		
	165	5825	15.41	17.00		11.50		
802.11n-HT40 MCS0	151	5785	14.54	16.00		11.50	94.90	
	159	5795	14.40	16.00		11.50		
	149	5745	15.41	17.00		11.50		
802.11ac VHT20 MCS0	157	5785	15.32	17.00		11.50	97.40	
	165	5825	15.41	17.00		11.50		
	151	5785	14.58	16.00		11.50		
802.11ac VHT40 MCS0	159	5795	14.43	16.00		11.50	95.10	
	155	5775	13.43	15.00	10.35	11.50		

BT BRIEFD

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	9.54	8.98	9.72
	CH 39	2441	9.81	9.12	9.74
	CH 78	2480	9.52	8.95	9.33
Tune-up Limit		11	11	11	

BT LE v4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.74
	CH 19	2440	5.88
	CH 39	2480	5.68
Tune-up Limit			7.00

BT LE v5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.50
	CH 19	2440	5.61
	CH 39	2480	5.42
Tune-up Limit			7.00