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

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %

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

10922	AAD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10932	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10949	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10952	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 %
10953	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
10954	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 %
10955	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
10956	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6 %
10957	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
10958	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10959	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
10960	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10964	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	± 9.6 %
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6 %
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6 %
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 %

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

Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power level/Default Power level for WWAN

GSM850 Ant0 DSI1&2&3 Default power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	32.55	32.70	32.54	33.50	23.55	23.70	23.54	24.50
GPRS 1 Tx slot	32.54	32.68	32.52	33.50	23.54	23.68	23.52	24.50
GPRS 2 Tx slots	31.53	31.68	31.56	32.50	25.53	25.68	25.56	26.50
GPRS 3 Tx slots	29.45	29.60	29.49	30.50	25.19	25.34	25.23	26.24
GPRS 4 Tx slots	28.34	28.45	28.35	29.50	25.34	25.45	25.35	26.50
EDGE 1 Tx slot	26.20	26.23	26.17	27.50	17.20	17.23	17.17	18.50
EDGE 2 Tx slots	24.86	24.99	24.93	25.50	18.86	18.99	18.93	19.50
EDGE 3 Tx slots	22.81	22.93	22.90	24.00	18.55	18.67	18.64	19.74
EDGE 4 Tx slots	21.70	21.71	21.64	23.50	18.70	18.71	18.64	20.50

WCDMA V Ant0 DSI1&2 Default power

Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.87	25.01	24.98	25.50
3GPP Rel 99	RMC 12.2Kbps	24.90	25.04	25.01	25.50
3GPP Rel 6	HSDPA Subtest-1	24.18	24.12	24.08	24.50
3GPP Rel 6	HSDPA Subtest-2	24.13	24.12	24.05	24.50
3GPP Rel 6	HSDPA Subtest-3	23.67	23.62	23.57	24.00
3GPP Rel 6	HSDPA Subtest-4	23.63	23.60	23.55	24.00
3GPP Rel 8	DC-HSDPA Subtest-1	24.02	23.90	23.97	24.50
3GPP Rel 8	DC-HSDPA Subtest-2	23.98	23.95	23.81	24.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.53	23.32	23.43	24.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.49	23.36	23.33	24.00
3GPP Rel 6	HSUPA Subtest-1	24.13	24.05	24.01	24.50
3GPP Rel 6	HSUPA Subtest-2	22.22	22.05	21.99	23.00
3GPP Rel 6	HSUPA Subtest-3	23.12	23.07	23.03	24.00
3GPP Rel 6	HSUPA Subtest-4	21.66	21.66	21.59	23.00
3GPP Rel 6	HSUPA Subtest-5	23.10	23.10	23.00	25.00

Band 5 Ant0 DSI1&2 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	24.20	24.32	24.15	25	0
10	QPSK	1	25	24.31	24.24	24.16		
10	QPSK	1	49	24.22	24.17	24.12		
10	QPSK	25	0	23.22	23.24	23.16	24	1
10	QPSK	25	12	23.21	23.17	23.16		
10	QPSK	25	25	23.19	23.15	23.14		
10	QPSK	50	0	23.22	23.23	23.18		
10	16QAM	1	0	23.37	23.41	23.36	24	1
10	16QAM	1	25	23.49	23.45	23.35		
10	16QAM	1	49	23.40	23.36	23.29		
10	16QAM	25	0	22.19	22.21	22.16	23	2
10	16QAM	25	12	22.20	22.18	22.17		
10	16QAM	25	25	22.18	22.14	22.16		
10	16QAM	50	0	22.20	22.15	22.15		
10	64QAM	1	0	22.32	22.37	22.31	23	2
10	64QAM	1	25	22.45	22.39	22.30		
10	64QAM	1	49	22.33	22.32	22.27		
10	64QAM	25	0	21.19	21.20	21.14	22	3
10	64QAM	25	12	21.19	21.17	21.15		
10	64QAM	25	25	21.17	21.14	21.16		
10	64QAM	50	0	21.18	21.14	21.11		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	24.23	24.24	24.16	25	0
5	QPSK	1	12	24.27	24.26	24.18		
5	QPSK	1	24	24.29	24.21	24.14		
5	QPSK	12	0	23.20	23.24	23.20	24	1
5	QPSK	12	7	23.24	23.22	23.13		
5	QPSK	12	13	23.21	23.11	23.12		
5	QPSK	25	0	23.22	23.18	23.11		
5	16QAM	1	0	23.40	23.43	23.34	24	1
5	16QAM	1	12	23.46	23.43	23.33		
5	16QAM	1	24	23.48	23.37	23.30		
5	16QAM	12	0	22.18	22.22	22.12	23	2
5	16QAM	12	7	22.18	22.17	22.11		
5	16QAM	12	13	22.17	22.09	22.06		
5	16QAM	25	0	22.22	22.17	22.13		
5	64QAM	1	0	22.36	22.38	22.33	23	2
5	64QAM	1	12	22.41	22.41	22.32		
5	64QAM	1	24	22.42	22.34	22.30		
5	64QAM	12	0	21.17	21.17	21.13	22	3
5	64QAM	12	7	21.18	21.15	21.10		
5	64QAM	12	13	21.13	21.06	21.08		
5	64QAM	25	0	21.22	21.14	21.12		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	24.24	24.24	24.13	25	0
3	QPSK	1	8	24.25	24.19	24.12		
3	QPSK	1	14	24.27	24.18	24.10		
3	QPSK	8	0	23.21	23.15	23.12	24	1
3	QPSK	8	4	23.22	23.21	23.14		
3	QPSK	8	7	23.21	23.19	23.08		
3	QPSK	15	0	23.18	23.17	23.11		
3	16QAM	1	0	23.40	23.42	23.28	24	1
3	16QAM	1	8	23.44	23.36	23.25		
3	16QAM	1	14	23.46	23.34	23.31		
3	16QAM	8	0	22.25	22.23	22.18	23	2
3	16QAM	8	4	22.26	22.24	22.20		
3	16QAM	8	7	22.25	22.25	22.18		
3	16QAM	15	0	22.22	22.20	22.15		
3	64QAM	1	0	22.35	22.34	22.29	23	2
3	64QAM	1	8	22.36	22.37	22.26		
3	64QAM	1	14	22.46	22.33	22.28		
3	64QAM	8	0	21.22	21.21	21.15	22	3
3	64QAM	8	4	21.22	21.19	21.14		
3	64QAM	8	7	21.24	21.17	21.14		
3	64QAM	15	0	21.18	21.18	21.11		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	24.22	24.18	24.16	25	0
1.4	QPSK	1	3	24.25	24.24	24.14		
1.4	QPSK	1	5	24.24	24.21	24.15		
1.4	QPSK	3	0	24.23	24.19	24.19		
1.4	QPSK	3	1	24.21	24.24	24.16		
1.4	QPSK	3	3	24.25	24.21	24.17		
1.4	QPSK	6	0	23.23	23.26	23.19	24	1
1.4	16QAM	1	0	23.39	23.48	23.36	24	1
1.4	16QAM	1	3	23.44	23.46	23.36		
1.4	16QAM	1	5	23.45	23.44	23.32		
1.4	16QAM	3	0	23.25	23.24	23.22		
1.4	16QAM	3	1	23.22	23.27	23.22		
1.4	16QAM	3	3	23.22	23.22	23.20		
1.4	16QAM	6	0	22.27	22.26	22.22	23	2
1.4	64QAM	1	0	22.35	22.42	22.38	23	2
1.4	64QAM	1	3	22.36	22.41	22.34		
1.4	64QAM	1	5	22.43	22.45	22.34		
1.4	64QAM	3	0	22.31	22.31	22.26		
1.4	64QAM	3	1	22.29	22.31	22.25		
1.4	64QAM	3	3	22.26	22.29	22.25		
1.4	64QAM	6	0	21.16	21.22	21.17	22	3

Band 7 Ant0 DSI1 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.08	24.12	24.04	25	0
20	QPSK	1	49	23.93	23.89	23.83		
20	QPSK	1	99	23.81	23.73	23.81		
20	QPSK	50	0	22.88	22.95	22.78	24	1
20	QPSK	50	24	22.94	22.89	22.85		
20	QPSK	50	50	22.92	22.85	22.82		
20	QPSK	100	0	22.85	22.86	22.80		
20	16QAM	1	0	23.00	23.00	22.94	24	1
20	16QAM	1	49	23.20	23.18	23.10		
20	16QAM	1	99	23.14	23.06	23.05		
20	16QAM	50	0	21.86	21.86	21.76	23	2
20	16QAM	50	24	21.90	21.91	21.79		
20	16QAM	50	50	21.87	21.84	21.84		
20	16QAM	100	0	21.83	21.86	21.75		
20	64QAM	1	0	21.85	21.89	21.82	23	2
20	64QAM	1	49	22.10	22.14	22.00		
20	64QAM	1	99	22.02	21.98	21.97		
20	64QAM	50	0	20.85	20.88	20.72	22	3
20	64QAM	50	24	20.87	20.88	20.80		
20	64QAM	50	50	20.86	20.85	20.80		
20	64QAM	100	0	20.84	20.93	20.79		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.88	24.10	23.92	25	0
15	QPSK	1	37	23.91	23.77	23.73		
15	QPSK	1	74	23.62	23.70	23.63		
15	QPSK	36	0	22.79	22.93	22.74	24	1
15	QPSK	36	20	22.91	22.79	22.70		
15	QPSK	36	39	22.87	22.84	22.61		
15	QPSK	75	0	22.79	22.85	22.64		
15	16QAM	1	0	22.96	22.97	22.96	24	1
15	16QAM	1	37	23.16	23.12	23.02		
15	16QAM	1	74	23.08	22.88	22.90		
15	16QAM	36	0	21.70	21.71	21.76	23	2
15	16QAM	36	20	21.72	21.89	21.70		
15	16QAM	36	39	21.78	21.86	21.77		
15	16QAM	75	0	21.72	21.71	21.76		
15	64QAM	1	0	21.68	21.83	21.79	23	2
15	64QAM	1	37	21.94	22.00	21.93		
15	64QAM	1	74	21.93	21.78	21.85		
15	64QAM	36	0	20.71	20.76	20.52	22	3
15	64QAM	36	20	20.71	20.67	20.67		
15	64QAM	36	39	20.69	20.87	20.62		
15	64QAM	75	0	20.73	20.83	20.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.03	24.10	23.99	25	0
10	QPSK	1	25	23.88	23.71	23.68		
10	QPSK	1	49	23.77	23.63	23.63		
10	QPSK	25	0	22.88	22.95	22.65	24	1
10	QPSK	25	12	22.72	22.85	22.86		
10	QPSK	25	25	22.78	22.82	22.70		
10	QPSK	50	0	22.86	22.78	22.68		
10	16QAM	1	0	22.87	22.80	22.93	24	1
10	16QAM	1	25	23.06	23.04	22.96		
10	16QAM	1	49	22.96	23.01	22.96		
10	16QAM	25	0	21.65	21.88	21.64	23	2
10	16QAM	25	12	21.80	21.89	21.71		
10	16QAM	25	25	21.80	21.84	21.69		
10	16QAM	50	0	21.73	21.85	21.63		
10	64QAM	1	0	21.65	21.73	21.81	23	2
10	64QAM	1	25	22.11	22.06	21.80		
10	64QAM	1	49	21.84	21.77	21.97		
10	64QAM	25	0	20.79	20.74	20.71	22	3
10	64QAM	25	12	20.87	20.81	20.64		
10	64QAM	25	25	20.65	20.73	20.59		
10	64QAM	50	0	20.78	20.89	20.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.97	24.07	24.00	25	0
5	QPSK	1	12	23.75	23.68	23.74		
5	QPSK	1	24	23.83	23.64	23.65		
5	QPSK	12	0	22.75	22.80	22.77	24	1
5	QPSK	12	7	22.83	22.85	22.70		
5	QPSK	12	13	22.94	22.74	22.67		
5	QPSK	25	0	22.74	22.69	22.67		
5	16QAM	1	0	22.82	22.88	22.83	24	1
5	16QAM	1	12	23.00	23.15	22.88		
5	16QAM	1	24	23.08	22.87	23.07		
5	16QAM	12	0	21.85	21.65	21.56	23	2
5	16QAM	12	7	21.74	21.79	21.66		
5	16QAM	12	13	21.71	21.62	21.65		
5	16QAM	25	0	21.76	21.84	21.56		
5	64QAM	1	0	21.66	21.70	21.82	23	2
5	64QAM	1	12	21.92	22.06	22.00		
5	64QAM	1	24	21.94	21.92	21.83		
5	64QAM	12	0	20.76	20.66	20.52	22	3
5	64QAM	12	7	20.87	20.72	20.81		
5	64QAM	12	13	20.68	20.74	20.71		
5	64QAM	25	0	20.80	20.78	20.75		

Band 7 Ant0 DSI1 For ENDC 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	24.08	24.12	24.04	25	0
20	QPSK	1	49	23.93	23.89	23.83		
20	QPSK	1	99	23.81	23.73	23.81		
20	QPSK	50	0	22.88	22.95	22.78	24	1
20	QPSK	50	24	22.94	22.89	22.85		
20	QPSK	50	50	22.92	22.85	22.82		
20	QPSK	100	0	22.85	22.86	22.80		
20	16QAM	1	0	23.00	23.00	22.94	24	1
20	16QAM	1	49	23.20	23.18	23.10		
20	16QAM	1	99	23.14	23.06	23.05		
20	16QAM	50	0	21.86	21.86	21.76	23	2
20	16QAM	50	24	21.90	21.91	21.79		
20	16QAM	50	50	21.87	21.84	21.84		
20	16QAM	100	0	21.83	21.86	21.75		
20	64QAM	1	0	21.85	21.89	21.82	23	2
20	64QAM	1	49	22.10	22.14	22.00		
20	64QAM	1	99	22.02	21.98	21.97		
20	64QAM	50	0	20.85	20.88	20.72	22	3
20	64QAM	50	24	20.87	20.88	20.80		
20	64QAM	50	50	20.86	20.85	20.80		
20	64QAM	100	0	20.84	20.93	20.79		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	23.88	24.10	23.92	25	0
15	QPSK	1	37	23.91	23.77	23.73		
15	QPSK	1	74	23.62	23.70	23.63		
15	QPSK	36	0	22.79	22.93	22.74	24	1
15	QPSK	36	20	22.91	22.79	22.70		
15	QPSK	36	39	22.87	22.84	22.61		
15	QPSK	75	0	22.79	22.85	22.64		
15	16QAM	1	0	22.96	22.97	22.96	24	1
15	16QAM	1	37	23.16	23.12	23.02		
15	16QAM	1	74	23.08	22.88	22.90		
15	16QAM	36	0	21.70	21.71	21.76	23	2
15	16QAM	36	20	21.72	21.89	21.70		
15	16QAM	36	39	21.78	21.86	21.77		
15	16QAM	75	0	21.72	21.71	21.76		
15	64QAM	1	0	21.68	21.83	21.79	23	2
15	64QAM	1	37	21.94	22.00	21.93		
15	64QAM	1	74	21.93	21.78	21.85		
15	64QAM	36	0	20.71	20.76	20.52	22	3
15	64QAM	36	20	20.71	20.67	20.67		
15	64QAM	36	39	20.69	20.87	20.62		
15	64QAM	75	0	20.73	20.83	20.60		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	24.03	24.10	23.99	25	0
10	QPSK	1	25	23.88	23.71	23.68		
10	QPSK	1	49	23.77	23.63	23.63		
10	QPSK	25	0	22.88	22.95	22.65	24	1
10	QPSK	25	12	22.72	22.85	22.86		
10	QPSK	25	25	22.78	22.82	22.70		
10	QPSK	50	0	22.86	22.78	22.68		
10	16QAM	1	0	22.87	22.80	22.93	24	1
10	16QAM	1	25	23.06	23.04	22.96		
10	16QAM	1	49	22.96	23.01	22.96		
10	16QAM	25	0	21.65	21.88	21.64	23	2
10	16QAM	25	12	21.80	21.89	21.71		
10	16QAM	25	25	21.80	21.84	21.69		
10	16QAM	50	0	21.73	21.85	21.63		
10	64QAM	1	0	21.65	21.73	21.81	23	2
10	64QAM	1	25	22.11	22.06	21.80		
10	64QAM	1	49	21.84	21.77	21.97		
10	64QAM	25	0	20.79	20.74	20.71	22	3
10	64QAM	25	12	20.87	20.81	20.64		
10	64QAM	25	25	20.65	20.73	20.59		
10	64QAM	50	0	20.78	20.89	20.73		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.97	24.07	24.00	25	0
5	QPSK	1	12	23.75	23.68	23.74		
5	QPSK	1	24	23.83	23.64	23.65		
5	QPSK	12	0	22.75	22.80	22.77	24	1
5	QPSK	12	7	22.83	22.85	22.70		
5	QPSK	12	13	22.94	22.74	22.67		
5	QPSK	25	0	22.74	22.69	22.67		
5	16QAM	1	0	22.82	22.88	22.83	24	1
5	16QAM	1	12	23.00	23.15	22.88		
5	16QAM	1	24	23.08	22.87	23.07		
5	16QAM	12	0	21.85	21.65	21.56	23	2
5	16QAM	12	7	21.74	21.79	21.66		
5	16QAM	12	13	21.71	21.62	21.65		
5	16QAM	25	0	21.76	21.84	21.56		
5	64QAM	1	0	21.66	21.70	21.82	23	2
5	64QAM	1	12	21.92	22.06	22.00		
5	64QAM	1	24	21.94	21.92	21.83		
5	64QAM	12	0	20.76	20.66	20.52	22	3
5	64QAM	12	7	20.87	20.72	20.81		
5	64QAM	12	13	20.68	20.74	20.71		
5	64QAM	25	0	20.80	20.78	20.75		

Band 12 Ant0 DSI1&2&3 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	24.22	24.32	24.18	25	0
10	QPSK	1	25	24.15	24.20	24.19		
10	QPSK	1	49	24.16	24.21	24.16		
10	QPSK	25	0	23.19	23.27	23.06	24	1
10	QPSK	25	12	23.17	23.09	23.11		
10	QPSK	25	25	23.21	23.14	23.06		
10	QPSK	50	0	23.20	23.21	23.09		
10	16QAM	1	0	23.31	23.33	23.28	24	1
10	16QAM	1	25	23.41	23.38	23.39		
10	16QAM	1	49	23.39	23.38	23.35		
10	16QAM	25	0	22.16	22.06	22.06	23	2
10	16QAM	25	12	22.13	22.09	22.09		
10	16QAM	25	25	22.18	22.13	22.04		
10	16QAM	50	0	22.14	22.06	22.04		
10	64QAM	1	0	22.22	22.25	22.17	23	2
10	64QAM	1	25	22.36	22.29	22.33		
10	64QAM	1	49	22.31	22.31	22.28		
10	64QAM	25	0	21.15	21.06	21.06	22	3
10	64QAM	25	12	21.14	21.08	21.08		
10	64QAM	25	25	21.18	21.11	21.03		
10	64QAM	50	0	21.13	21.04	21.04		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	24.14	24.11	24.11	25	0
5	QPSK	1	12	24.22	24.16	24.18		
5	QPSK	1	24	24.18	24.14	24.14		
5	QPSK	12	0	23.11	23.07	23.13	24	1
5	QPSK	12	7	23.12	23.09	23.12		
5	QPSK	12	13	23.10	23.06	23.03		
5	QPSK	25	0	23.10	23.03	23.07		
5	16QAM	1	0	23.26	23.27	23.24	24	1
5	16QAM	1	12	23.35	23.31	23.32		
5	16QAM	1	24	23.33	23.27	23.28		
5	16QAM	12	0	22.08	22.06	22.08	23	2
5	16QAM	12	7	22.07	22.05	22.07		
5	16QAM	12	13	22.05	22.01	21.98		
5	16QAM	25	0	22.07	22.02	22.05		
5	64QAM	1	0	22.27	22.23	22.22	23	2
5	64QAM	1	12	22.33	22.26	22.28		
5	64QAM	1	24	22.28	22.28	22.24		
5	64QAM	12	0	21.04	21.01	21.07	22	3
5	64QAM	12	7	21.03	21.02	21.04		
5	64QAM	12	13	21.04	21.01	20.97		
5	64QAM	25	0	21.06	21.01	21.06		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	24.06	24.06	24.07	25	0
3	QPSK	1	8	24.14	24.10	24.10		
3	QPSK	1	14	24.13	24.08	24.07		
3	QPSK	8	0	23.05	23.03	23.06	24	1
3	QPSK	8	4	23.12	23.05	23.06		
3	QPSK	8	7	23.07	23.00	23.04		
3	QPSK	15	0	23.05	23.00	23.03		
3	16QAM	1	0	23.20	23.24	23.26	24	1
3	16QAM	1	8	23.33	23.24	23.28		
3	16QAM	1	14	23.34	23.24	23.22		
3	16QAM	8	0	22.08	22.05	22.12	23	2
3	16QAM	8	4	22.14	22.11	22.09		
3	16QAM	8	7	22.11	22.04	22.07		
3	16QAM	15	0	22.10	22.03	22.05		
3	64QAM	1	0	22.15	22.17	22.23	23	2
3	64QAM	1	8	22.30	22.21	22.21		
3	64QAM	1	14	22.28	22.21	22.18		
3	64QAM	8	0	21.07	21.02	21.10	22	3
3	64QAM	8	4	21.13	21.06	21.07		
3	64QAM	8	7	21.08	21.04	21.04		
3	64QAM	15	0	21.04	20.98	21.02		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	24.06	24.05	24.08	25	0
1.4	QPSK	1	3	24.09	24.05	24.07		
1.4	QPSK	1	5	24.15	24.07	24.06		
1.4	QPSK	3	0	24.05	24.07	24.06		
1.4	QPSK	3	1	24.08	24.06	24.05		
1.4	QPSK	3	3	24.08	24.04	24.08		
1.4	QPSK	6	0	23.09	23.07	23.04	24	1
1.4	16QAM	1	0	23.24	23.23	23.26	24	1
1.4	16QAM	1	3	23.25	23.25	23.27		
1.4	16QAM	1	5	23.30	23.25	23.25		
1.4	16QAM	3	0	23.08	23.08	23.06		
1.4	16QAM	3	1	23.10	23.09	23.07		
1.4	16QAM	3	3	23.08	23.04	23.06		
1.4	16QAM	6	0	22.08	22.08	22.08	23	2
1.4	64QAM	1	0	22.20	22.18	22.24	23	2
1.4	64QAM	1	3	22.22	22.22	22.20		
1.4	64QAM	1	5	22.30	22.22	22.20		
1.4	64QAM	3	0	22.10	22.11	22.10		
1.4	64QAM	3	1	22.17	22.15	22.12		
1.4	64QAM	3	3	22.16	22.08	22.11		
1.4	64QAM	6	0	21.03	21.02	21.01	22	3

Band 17 Ant0 DSI1&2&3 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	23.64	23.68	23.52	25	0
10	QPSK	1	25	23.61	23.57	23.58		
10	QPSK	1	49	23.55	23.55	23.54		
10	QPSK	25	0	22.46	22.53	22.43	24	1
10	QPSK	25	12	22.49	22.51	22.51		
10	QPSK	25	25	22.51	22.46	22.44		
10	QPSK	50	0	22.51	22.52	22.47		
10	16QAM	1	0	22.68	22.71	22.64	24	1
10	16QAM	1	25	22.81	22.78	22.79		
10	16QAM	1	49	22.80	22.78	22.78		
10	16QAM	25	0	21.41	21.41	21.42	23	2
10	16QAM	25	12	21.47	21.50	21.49		
10	16QAM	25	25	21.47	21.45	21.42		
10	16QAM	50	0	21.46	21.46	21.44		
10	64QAM	1	0	21.62	21.66	21.60	23	2
10	64QAM	1	25	21.74	21.72	21.73		
10	64QAM	1	49	21.73	21.73	21.72		
10	64QAM	25	0	20.40	20.41	20.41	22	3
10	64QAM	25	12	20.46	20.47	20.48		
10	64QAM	25	25	20.46	20.44	20.40		
10	64QAM	50	0	20.42	20.44	20.43		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				706.5	710	713.5		
5	QPSK	1	0	23.52	23.49	23.53	25	0
5	QPSK	1	12	23.58	23.60	23.56		
5	QPSK	1	24	23.53	23.60	23.60		
5	QPSK	12	0	22.49	22.51	22.56	24	1
5	QPSK	12	7	22.49	22.50	22.50		
5	QPSK	12	13	22.50	22.44	22.45		
5	QPSK	25	0	22.50	22.51	22.51		
5	16QAM	1	0	22.74	22.69	22.76	24	1
5	16QAM	1	12	22.75	22.79	22.82		
5	16QAM	1	24	22.81	22.79	22.76		
5	16QAM	12	0	21.48	21.45	21.51	23	2
5	16QAM	12	7	21.44	21.48	21.45		
5	16QAM	12	13	21.45	21.40	21.40		
5	16QAM	25	0	21.48	21.48	21.45		
5	64QAM	1	0	21.62	21.63	21.69	23	2
5	64QAM	1	12	21.71	21.71	21.75		
5	64QAM	1	24	21.76	21.73	21.74		
5	64QAM	12	0	20.42	20.43	20.45	22	3
5	64QAM	12	7	20.45	20.43	20.42		
5	64QAM	12	13	20.42	20.39	20.41		
5	64QAM	25	0	20.45	20.47	20.46		

Band 38 Ant0 DSI1&2 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.54	24.55	24.51	25	0
20	QPSK	1	49	24.50	24.46	24.33		
20	QPSK	1	99	24.36	24.25	24.17		
20	QPSK	50	0	23.50	23.52	23.28	24	1
20	QPSK	50	24	23.51	23.37	23.29		
20	QPSK	50	50	23.46	23.31	23.25		
20	QPSK	100	0	23.44	23.48	23.34		
20	16QAM	1	0	23.43	23.33	23.20	24	1
20	16QAM	1	49	23.51	23.45	23.30		
20	16QAM	1	99	23.33	23.24	23.12		
20	16QAM	50	0	22.50	22.41	22.28	23	2
20	16QAM	50	24	22.51	22.37	22.28		
20	16QAM	50	50	22.46	22.29	22.26		
20	16QAM	100	0	22.46	22.34	22.23		
20	64QAM	1	0	22.20	22.08	21.97	23	2
20	64QAM	1	49	22.28	22.23	22.08		
20	64QAM	1	99	22.09	22.03	21.94		
20	64QAM	50	0	21.47	21.34	21.21	22	3
20	64QAM	50	24	21.42	21.31	21.20		
20	64QAM	50	50	21.39	21.23	21.18		
20	64QAM	100	0	21.51	21.38	21.28		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.50	24.34	24.50	25	0
15	QPSK	1	37	24.51	24.48	24.52		
15	QPSK	1	74	24.48	24.31	24.48		
15	QPSK	36	0	23.48	23.34	23.48	24	1
15	QPSK	36	20	23.47	23.34	23.47		
15	QPSK	36	39	23.41	23.29	23.41		
15	QPSK	75	0	23.50	23.35	23.50		
15	16QAM	1	0	23.50	23.33	23.50	24	1
15	16QAM	1	37	23.58	23.44	23.58		
15	16QAM	1	74	23.46	23.31	23.46		
15	16QAM	36	0	22.42	22.28	22.42	23	2
15	16QAM	36	20	22.45	22.30	22.45		
15	16QAM	36	39	22.38	22.26	22.38		
15	16QAM	75	0	22.47	22.34	22.47		
15	64QAM	1	0	22.28	22.13	22.28	23	2
15	64QAM	1	37	22.33	22.24	22.33		
15	64QAM	1	74	22.24	22.08	22.24		
15	64QAM	36	0	21.48	21.34	21.48	22	3
15	64QAM	36	20	21.46	21.33	21.46		
15	64QAM	36	39	21.42	21.28	21.42		
15	64QAM	75	0	21.46	21.31	21.46		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.46	24.41	24.30	25	0
10	QPSK	1	25	24.50	24.50	24.40		
10	QPSK	1	49	24.52	24.42	24.29		
10	QPSK	25	0	23.56	23.43	23.29	24	1
10	QPSK	25	12	23.52	23.40	23.30		
10	QPSK	25	25	23.50	23.34	23.25		
10	QPSK	50	0	23.55	23.39	23.30		
10	16QAM	1	0	23.59	23.41	23.28	24	1
10	16QAM	1	25	23.60	23.49	23.36		
10	16QAM	1	49	23.53	23.38	23.25		
10	16QAM	25	0	22.58	22.44	22.33	23	2
10	16QAM	25	12	22.54	22.40	22.32		
10	16QAM	25	25	22.50	22.36	22.27		
10	16QAM	50	0	22.57	22.42	22.30		
10	64QAM	1	0	22.33	22.18	22.07	23	2
10	64QAM	1	25	22.34	22.25	22.14		
10	64QAM	1	49	22.30	22.19	22.04		
10	64QAM	25	0	21.53	21.38	21.26	22	3
10	64QAM	25	12	21.49	21.36	21.27		
10	64QAM	25	25	21.46	21.31	21.20		
10	64QAM	50	0	21.48	21.31	21.24		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.49	24.43	24.37	25	0
5	QPSK	1	12	24.44	24.43	24.38		
5	QPSK	1	24	24.48	24.43	24.31		
5	QPSK	12	0	23.59	23.46	23.33	24	1
5	QPSK	12	7	23.53	23.40	23.27		
5	QPSK	12	13	23.51	23.35	23.26		
5	QPSK	25	0	23.55	23.40	23.24		
5	16QAM	1	0	23.61	23.45	23.34	24	1
5	16QAM	1	12	23.62	23.48	23.34		
5	16QAM	1	24	23.55	23.42	23.26		
5	16QAM	12	0	22.52	22.38	22.23	23	2
5	16QAM	12	7	22.46	22.32	22.20		
5	16QAM	12	13	22.46	22.29	22.17		
5	16QAM	25	0	22.57	22.41	22.30		
5	64QAM	1	0	22.38	22.23	22.14	23	2
5	64QAM	1	12	22.40	22.33	22.13		
5	64QAM	1	24	22.34	22.23	22.10		
5	64QAM	12	0	21.50	21.35	21.23	22	3
5	64QAM	12	7	21.47	21.34	21.16		
5	64QAM	12	13	21.41	21.26	21.16		
5	64QAM	25	0	21.49	21.35	21.23		

Band 41 Ant0 DSI1&2 Default power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.60	24.52	24.68	24.41	24.30	25	0
20	QPSK	1	49	24.57	24.66	24.55	24.32	24.52		
20	QPSK	1	99	24.56	24.56	24.34	24.43	24.58		
20	QPSK	50	0	23.64	23.61	23.65	23.23	23.43	24	1
20	QPSK	50	24	23.60	23.61	23.47	23.32	23.50		
20	QPSK	50	50	23.62	23.59	23.38	23.25	23.46		
20	QPSK	100	0	23.60	23.56	23.62	23.23	23.43		
20	16QAM	1	0	23.59	23.53	23.40	23.42	23.34	24	1
20	16QAM	1	49	23.71	23.68	23.50	23.33	23.54		
20	16QAM	1	99	23.57	23.56	23.34	23.43	23.53		
20	16QAM	50	0	22.62	22.60	22.46	22.20	22.44	23	2
20	16QAM	50	24	22.65	22.63	22.46	22.31	22.48		
20	16QAM	50	50	22.60	22.58	22.39	22.26	22.46		
20	16QAM	100	0	22.62	22.61	22.42	22.23	22.46		
20	64QAM	1	0	22.87	22.78	22.63	22.70	22.59	23	2
20	64QAM	1	49	22.97	22.95	22.83	22.60	22.80		
20	64QAM	1	99	22.83	22.81	22.59	22.71	22.84		
20	64QAM	50	0	21.76	21.75	21.60	21.37	21.57	22	3
20	64QAM	50	24	21.80	21.77	21.59	21.44	21.61		
20	64QAM	50	50	21.76	21.75	21.52	21.42	21.61		
20	64QAM	100	0	21.87	21.84	21.67	21.46	21.69		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	24.59	24.57	24.42	24.47	24.40	25.00	0
15	QPSK	1	37	24.57	24.63	24.55	24.37	24.57		
15	QPSK	1	74	24.61	24.58	24.41	24.47	24.62		
15	QPSK	36	0	23.64	23.56	23.41	23.22	23.44	24	1
15	QPSK	36	20	23.63	23.57	23.41	23.24	23.49		
15	QPSK	36	39	23.60	23.55	23.39	23.19	23.49		
15	QPSK	75	0	23.66	23.61	23.46	23.21	23.52		
15	16QAM	1	0	23.67	23.55	23.46	23.21	23.40	24	1
15	16QAM	1	37	23.70	23.68	23.55	23.29	23.57		
15	16QAM	1	74	23.60	23.57	23.38	23.20	23.58		
15	16QAM	36	0	22.63	22.54	22.37	22.18	22.38	23	2
15	16QAM	36	20	22.59	22.54	22.38	22.19	22.42		
15	16QAM	36	39	22.60	22.53	22.36	22.20	22.44		
15	16QAM	75	0	22.63	22.62	22.41	22.22	22.45		
15	64QAM	1	0	22.65	22.50	22.37	22.45	22.35	23	2
15	64QAM	1	37	22.67	22.63	22.56	22.49	22.56		
15	64QAM	1	74	22.57	22.57	22.39	22.46	22.58		
15	64QAM	36	0	21.65	21.53	21.41	21.22	21.43	22	3
15	64QAM	36	20	21.64	21.55	21.42	21.27	21.45		
15	64QAM	36	39	21.62	21.59	21.39	21.19	21.48		
15	64QAM	75	0	21.63	21.60	21.42	21.24	21.48		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	24.56	24.61	24.51	24.32	24.55	25.00	0
10	QPSK	1	25	24.52	24.67	24.57	24.36	24.67		
10	QPSK	1	49	24.67	24.64	24.46	24.27	24.53		
10	QPSK	25	0	23.68	23.64	23.51	23.27	23.59	24	1
10	QPSK	25	12	23.65	23.66	23.49	23.29	23.60		
10	QPSK	25	25	23.66	23.61	23.43	23.26	23.57		
10	QPSK	50	0	23.67	23.63	23.50	23.28	23.60		
10	16QAM	1	0	23.73	23.61	23.52	23.29	23.55	24	1
10	16QAM	1	25	23.71	23.66	23.57	23.34	23.66		
10	16QAM	1	49	23.63	23.62	23.45	23.28	23.68		
10	16QAM	25	0	22.68	22.67	22.50	22.31	22.58	23	2
10	16QAM	25	12	22.67	22.64	22.47	22.32	22.59		
10	16QAM	25	25	22.65	22.61	22.45	22.27	22.58		
10	16QAM	50	0	22.66	22.62	22.45	22.28	22.59		
10	64QAM	1	0	22.69	22.55	22.45	22.25	22.52	23	2
10	64QAM	1	25	22.68	22.61	22.51	22.30	22.62		
10	64QAM	1	49	22.62	22.59	22.41	22.25	22.69		
10	64QAM	25	0	21.62	21.60	21.50	21.25	21.54	22	3
10	64QAM	25	12	21.64	21.60	21.41	21.29	21.54		
10	64QAM	25	25	21.63	21.56	21.39	21.25	21.54		
10	64QAM	50	0	21.60	21.55	21.42	21.21	21.52		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	24.57	24.65	24.53	24.56	24.64	25.00	0
5	QPSK	1	12	24.59	24.63	24.63	24.58	24.59		
5	QPSK	1	24	24.51	24.65	24.51	24.55	24.57		
5	QPSK	12	0	23.72	23.65	23.53	23.33	23.66	24	1
5	QPSK	12	7	23.72	23.63	23.47	23.28	23.63		
5	QPSK	12	13	23.65	23.58	23.44	23.27	23.61		
5	QPSK	25	0	23.68	23.63	23.47	23.27	23.62		
5	16QAM	1	0	23.74	23.67	23.54	23.31	23.62	24	1
5	16QAM	1	12	23.74	23.70	23.59	23.35	23.72		
5	16QAM	1	24	23.67	23.66	23.52	23.28	23.69		
5	16QAM	12	0	22.64	22.59	22.43	22.26	22.56	23	2
5	16QAM	12	7	22.65	22.55	22.44	22.20	22.56		
5	16QAM	12	13	22.60	22.52	22.38	22.20	22.60		
5	16QAM	25	0	22.68	22.66	22.50	22.29	22.65		
5	64QAM	1	0	22.76	22.63	22.52	22.31	22.61	23	2
5	64QAM	1	12	22.76	22.67	22.56	22.38	22.74		
5	64QAM	1	24	22.70	22.63	22.51	22.29	22.74		
5	64QAM	12	0	21.65	21.57	21.46	21.24	21.57	22	3
5	64QAM	12	7	21.65	21.57	21.43	21.19	21.53		
5	64QAM	12	13	21.56	21.55	21.36	21.18	21.56		
5	64QAM	25	0	21.65	21.58	21.45	21.24	21.57		

GSM1900 Ant1 DSI1&2&3 Default power

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.01	30.11	29.94	31.50	21.01	21.11	20.94	22.50
GPRS 1 Tx slot	30.30	30.10	29.93	31.50	21.30	21.10	20.93	22.50
GPRS 2 Tx slots	29.23	29.33	29.01	30.50	23.23	23.33	23.01	24.50
GPRS 3 Tx slots	26.85	26.55	26.46	27.50	22.59	22.29	22.20	23.24
GPRS 4 Tx slots	25.57	25.42	25.34	26.50	22.57	22.42	22.34	23.50
EDGE 1 Tx slot	25.78	25.43	25.33	26.50	16.78	16.43	16.33	17.50
EDGE 2 Tx slots	24.75	24.43	24.68	25.50	18.75	18.43	18.68	19.50
EDGE 3 Tx slots	22.72	22.61	22.55	23.50	18.46	18.35	18.29	19.24
EDGE 4 Tx slots	21.46	21.17	21.57	22.50	18.46	18.17	18.57	19.50

WCDMA II Ant1 DSI1&2 Default power

WCDMA IV Ant1 DSI1&2 Default power

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.41	23.43	23.12	24.50	23.79	23.80	23.89	25.00
3GPP Rel 99	RMC 12.2Kbps	23.43	23.45	23.18	24.50	23.94	23.98	23.93	25.00
3GPP Rel 6	HSDPA Subtest-1	22.82	22.83	22.75	23.50	23.40	23.42	23.42	24.00
3GPP Rel 6	HSDPA Subtest-2	22.78	22.80	22.73	23.50	23.44	23.41	23.39	24.00
3GPP Rel 6	HSDPA Subtest-3	22.32	22.33	22.25	23.00	23.13	23.12	22.92	23.50
3GPP Rel 6	HSDPA Subtest-4	22.27	22.30	22.21	23.00	23.08	23.07	22.87	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.67	22.62	22.64	23.50	23.25	23.30	23.23	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.59	22.58	22.49	23.50	23.24	23.26	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.08	22.14	22.11	23.00	23.00	22.92	22.65	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.02	22.13	22.03	23.00	22.97	22.82	22.63	23.50
3GPP Rel 6	HSUPA Subtest-1	21.79	21.75	21.73	23.50	22.54	22.57	22.58	24.00
3GPP Rel 6	HSUPA Subtest-2	20.82	20.77	20.72	21.50	21.53	21.58	21.59	22.00
3GPP Rel 6	HSUPA Subtest-3	21.84	21.79	21.73	22.50	22.60	22.61	22.60	23.00
3GPP Rel 6	HSUPA Subtest-4	20.36	20.36	20.26	21.50	21.12	21.16	21.13	22.00
3GPP Rel 6	HSUPA Subtest-5	21.80	21.80	21.70	23.50	22.50	22.60	22.50	24.00

Band 2 Ant1 DSI1&2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.17	23.43	23.15	24.5	0
20	QPSK	1	49	23.19	23.15	23.20		
20	QPSK	1	99	23.12	23.20	23.21		
20	QPSK	50	0	21.89	22.08	21.91	23.5	1
20	QPSK	50	24	21.98	22.07	21.97		
20	QPSK	50	50	21.78	21.95	21.80		
20	QPSK	100	0	21.87	21.98	21.88		
20	16QAM	1	0	22.17	22.12	22.11	23.5	1
20	16QAM	1	49	22.26	22.22	22.19		
20	16QAM	1	99	22.08	22.07	21.96		
20	16QAM	50	0	21.07	21.16	21.07	22.5	2
20	16QAM	50	24	21.16	21.12	21.15		
20	16QAM	50	50	20.98	21.16	20.99		
20	16QAM	100	0	21.05	21.16	21.04		
20	64QAM	1	0	21.32	21.17	21.07	22.5	2
20	64QAM	1	49	21.43	21.11	21.46		
20	64QAM	1	99	21.27	21.29	21.14		
20	64QAM	50	0	20.11	20.21	20.14	21.5	3
20	64QAM	50	24	20.15	20.17	20.10		
20	64QAM	50	50	20.00	20.13	19.97		
20	64QAM	100	0	20.07	20.15	20.08		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.86	22.96	23.02	24.5	0
15	QPSK	1	37	23.03	23.01	23.17		
15	QPSK	1	74	22.84	22.93	23.01		
15	QPSK	36	0	21.90	21.91	21.92	23.5	1
15	QPSK	36	20	21.90	22.00	21.90		
15	QPSK	36	39	21.86	21.89	21.84		
15	QPSK	75	0	21.85	21.90	21.91		
15	16QAM	1	0	21.87	21.87	21.79	23.5	1
15	16QAM	1	37	21.93	21.95	21.88		
15	16QAM	1	74	21.72	21.74	21.70		
15	16QAM	36	0	20.90	20.90	20.90	22.5	2
15	16QAM	36	20	20.93	20.96	20.88		
15	16QAM	36	39	20.90	20.96	20.75		
15	16QAM	75	0	20.86	20.89	20.85		
15	64QAM	1	0	20.65	21.02	21.06	22.5	2
15	64QAM	1	37	20.76	20.79	20.71		
15	64QAM	1	74	20.99	20.70	20.91		
15	64QAM	36	0	19.89	19.94	19.91	21.5	3
15	64QAM	36	20	19.93	19.97	19.85		
15	64QAM	36	39	19.89	19.92	19.81		
15	64QAM	75	0	19.88	19.87	19.88		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.10	23.23	23.24	24.5	0
10	QPSK	1	25	23.12	23.12	23.22		
10	QPSK	1	49	23.20	23.10	23.29		
10	QPSK	25	0	21.81	22.07	21.91	23.5	1
10	QPSK	25	12	21.89	21.99	21.89		
10	QPSK	25	25	21.74	21.90	21.84		
10	QPSK	50	0	21.82	22.01	21.81		
10	16QAM	1	0	22.13	22.09	22.09	23.5	1
10	16QAM	1	25	22.25	22.14	22.23		
10	16QAM	1	49	22.01	22.01	22.02		
10	16QAM	25	0	21.12	21.10	21.12	22.5	2
10	16QAM	25	12	21.19	21.02	21.22		
10	16QAM	25	25	20.98	21.06	20.96		
10	16QAM	50	0	21.15	21.21	20.95		
10	64QAM	1	0	21.32	21.23	21.21	22.5	2
10	64QAM	1	25	21.51	21.22	21.53		
10	64QAM	1	49	21.35	21.28	21.27		
10	64QAM	25	0	20.20	20.26	20.13	21.5	3
10	64QAM	25	12	20.15	20.08	20.04		
10	64QAM	25	25	20.00	20.16	20.03		
10	64QAM	50	0	20.01	20.11	20.14		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.18	23.24	23.05	24.5	0
5	QPSK	1	12	23.16	23.10	23.16		
5	QPSK	1	24	23.12	23.15	23.11		
5	QPSK	12	0	21.97	22.11	21.86	23.5	1
5	QPSK	12	7	22.06	22.07	22.05		
5	QPSK	12	13	21.86	21.96	21.74		
5	QPSK	25	0	21.89	21.92	21.95		
5	16QAM	1	0	22.27	22.14	22.18	23.5	1
5	16QAM	1	12	22.19	22.24	22.26		
5	16QAM	1	24	22.02	22.14	22.30		
5	16QAM	12	0	21.16	21.16	21.05	22.5	2
5	16QAM	12	7	21.11	21.21	21.19		
5	16QAM	12	13	21.20	21.21	21.20		
5	16QAM	25	0	21.09	21.18	21.04		
5	64QAM	1	0	21.29	21.26	21.07	22.5	2
5	64QAM	1	12	21.41	21.19	21.55		
5	64QAM	1	24	21.34	21.19	21.15		
5	64QAM	12	0	20.08	20.13	20.19	21.5	3
5	64QAM	12	7	20.15	20.12	20.04		
5	64QAM	12	13	19.96	20.20	19.90		
5	64QAM	25	0	20.04	20.15	19.99		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.17	23.30	23.12	24.5	0
3	QPSK	1	8	23.25	23.07	23.13		
3	QPSK	1	14	23.15	23.11	23.25		
3	QPSK	8	0	21.88	22.12	21.97	23.5	1
3	QPSK	8	4	21.89	22.10	21.90		
3	QPSK	8	7	21.82	21.91	21.88		
3	QPSK	15	0	21.84	22.00	21.82		
3	16QAM	1	0	22.16	22.14	22.05	23.5	1
3	16QAM	1	8	22.26	22.21	22.13		
3	16QAM	1	14	22.01	22.17	21.87		
3	16QAM	8	0	21.01	21.22	21.02	22.5	2
3	16QAM	8	4	21.19	21.12	21.05		
3	16QAM	8	7	21.06	21.20	21.02		
3	16QAM	15	0	21.07	21.18	21.11		
3	64QAM	1	0	21.28	21.19	21.23	22.5	2
3	64QAM	1	8	21.41	21.16	21.51		
3	64QAM	1	14	21.25	21.20	21.24		
3	64QAM	8	0	20.01	20.29	20.06	21.5	3
3	64QAM	8	4	20.24	20.19	20.16		
3	64QAM	8	7	20.10	20.21	19.90		
3	64QAM	15	0	20.04	20.09	20.16		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.01	23.26	23.02	24.5	0
1.4	QPSK	1	3	23.00	23.15	23.18		
1.4	QPSK	1	5	23.04	23.25	23.02		
1.4	QPSK	3	0	23.14	23.12	23.21		
1.4	QPSK	3	1	23.25	23.14	23.05		
1.4	QPSK	3	3	22.82	22.97	22.81		
1.4	QPSK	6	0	21.98	22.19	22.01	23.5	1
1.4	16QAM	1	0	22.12	22.15	22.13	23.5	1
1.4	16QAM	1	3	22.03	22.12	22.10		
1.4	16QAM	1	5	22.13	22.10	22.12		
1.4	16QAM	3	0	22.10	22.02	22.14		
1.4	16QAM	3	1	22.21	22.09	22.08		
1.4	16QAM	3	3	22.24	22.13	22.15		
1.4	16QAM	6	0	21.07	21.08	21.08	22.5	2
1.4	64QAM	1	0	21.20	21.22	21.20	22.5	2
1.4	64QAM	1	3	21.05	21.01	21.13		
1.4	64QAM	1	5	21.23	21.12	21.08		
1.4	64QAM	3	0	21.37	21.19	21.07		
1.4	64QAM	3	1	21.44	21.28	21.22		
1.4	64QAM	3	3	21.15	21.43	21.06		
1.4	64QAM	6	0	19.96	20.00	20.02	21.5	3

Band 4 Ant1 DSI1&2 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	24.30	24.43	24.40	25.5	0
20	QPSK	1	49	24.24	24.26	24.38		
20	QPSK	1	99	24.31	24.25	24.41		
20	QPSK	50	0	23.45	23.48	23.31	24.5	1
20	QPSK	50	24	23.22	23.31	23.32		
20	QPSK	50	50	23.20	23.25	23.30		
20	QPSK	100	0	23.25	23.28	23.22		
20	16QAM	1	0	22.97	23.39	23.15	24.5	1
20	16QAM	1	49	23.10	23.26	23.28		
20	16QAM	1	99	23.05	23.11	23.36		
20	16QAM	50	0	22.25	22.26	22.33	23.5	2
20	16QAM	50	24	22.27	22.26	22.36		
20	16QAM	50	50	22.20	22.27	22.25		
20	16QAM	100	0	22.24	22.20	22.24		
20	64QAM	1	0	22.25	22.35	22.47	23.5	2
20	64QAM	1	49	22.35	22.49	22.50		
20	64QAM	1	99	22.24	22.34	22.45		
20	64QAM	50	0	21.42	21.41	21.44	22.5	3
20	64QAM	50	24	21.33	21.52	21.48		
20	64QAM	50	50	21.35	21.40	21.41		
20	64QAM	100	0	21.50	21.40	21.48		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	24.14	24.24	24.21	25.5	0
15	QPSK	1	37	24.22	24.18	24.33		
15	QPSK	1	74	24.04	23.92	24.22		
15	QPSK	36	0	23.28	23.31	23.26	24.5	1
15	QPSK	36	20	23.28	23.35	23.31		
15	QPSK	36	39	23.29	23.24	23.31		
15	QPSK	75	0	23.23	23.25	23.26		
15	16QAM	1	0	23.10	23.30	23.33	24.5	1
15	16QAM	1	37	23.29	23.29	23.08		
15	16QAM	1	74	23.06	23.11	23.16		
15	16QAM	36	0	22.28	22.24	22.30	23.5	2
15	16QAM	36	20	22.21	22.31	22.24		
15	16QAM	36	39	22.26	22.27	22.23		
15	16QAM	75	0	22.22	22.22	22.27		
15	64QAM	1	0	22.76	22.86	22.53	23.5	2
15	64QAM	1	37	22.88	22.67	22.61		
15	64QAM	1	74	22.75	22.67	22.77		
15	64QAM	36	0	21.25	21.28	21.26	22.5	3
15	64QAM	36	20	21.30	21.34	21.30		
15	64QAM	36	39	21.27	21.27	21.29		
15	64QAM	75	0	21.27	21.22	21.25		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	24.00	24.11	24.07	25.5	0
10	QPSK	1	25	24.08	24.19	24.18		
10	QPSK	1	49	23.94	23.99	24.20		
10	QPSK	25	0	23.02	23.08	23.11	24.5	1
10	QPSK	25	12	22.97	22.99	23.05		
10	QPSK	25	25	22.94	23.04	23.05		
10	QPSK	50	0	23.05	23.06	23.10		
10	16QAM	1	0	23.00	23.10	23.11	24.5	1
10	16QAM	1	25	23.10	22.95	23.10		
10	16QAM	1	49	22.99	22.98	23.07		
10	16QAM	25	0	22.02	22.07	22.09	23.5	2
10	16QAM	25	12	21.99	22.00	22.06		
10	16QAM	25	25	21.88	22.06	22.07		
10	16QAM	50	0	21.98	22.06	22.05		
10	64QAM	1	0	22.39	22.19	22.16	23.5	2
10	64QAM	1	25	22.13	22.17	22.21		
10	64QAM	1	49	22.45	22.11	22.13		
10	64QAM	25	0	21.00	21.05	21.08	22.5	3
10	64QAM	25	12	20.98	20.99	21.03		
10	64QAM	25	25	20.93	20.99	21.06		
10	64QAM	50	0	20.97	20.99	21.07		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	24.05	24.12	24.12	25.5	0
5	QPSK	1	12	24.09	24.15	24.18		
5	QPSK	1	24	24.05	24.09	24.09		
5	QPSK	12	0	23.02	23.07	23.13	24.5	1
5	QPSK	12	7	23.02	23.02	23.11		
5	QPSK	12	13	22.93	23.02	23.06		
5	QPSK	25	0	23.01	23.07	23.11		
5	16QAM	1	0	22.85	23.07	23.01	24.5	1
5	16QAM	1	12	22.83	22.90	22.88		
5	16QAM	1	24	22.79	22.87	22.85		
5	16QAM	12	0	22.05	22.08	22.12	23.5	2
5	16QAM	12	7	22.03	22.04	22.13		
5	16QAM	12	13	22.01	22.00	22.07		
5	16QAM	25	0	22.09	22.17	22.18		
5	64QAM	1	0	22.09	22.13	22.17	23.5	2
5	64QAM	1	12	22.14	22.19	22.18		
5	64QAM	1	24	22.11	22.10	22.13		
5	64QAM	12	0	20.91	21.08	21.13	22.5	3
5	64QAM	12	7	21.04	21.06	21.13		
5	64QAM	12	13	20.84	21.01	21.03		
5	64QAM	25	0	20.92	21.03	21.05		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	23.98	24.05	24.07	25.5	0
3	QPSK	1	8	24.03	24.12	24.13		
3	QPSK	1	14	24.03	24.04	24.12		
3	QPSK	8	0	22.97	23.08	23.12	24.5	1
3	QPSK	8	4	22.98	23.03	23.05		
3	QPSK	8	7	22.93	22.99	23.06		
3	QPSK	15	0	22.90	23.03	23.02		
3	16QAM	1	0	22.93	22.99	22.97	24.5	1
3	16QAM	1	8	22.96	23.01	23.01		
3	16QAM	1	14	22.93	22.99	23.03		
3	16QAM	8	0	21.92	22.01	21.97	23.5	2
3	16QAM	8	4	21.91	21.96	21.97		
3	16QAM	8	7	21.89	21.95	21.93		
3	16QAM	15	0	21.97	22.00	22.10		
3	64QAM	1	0	21.94	22.04	22.26	23.5	2
3	64QAM	1	8	22.03	22.00	22.06		
3	64QAM	1	14	22.01	21.98	22.09		
3	64QAM	8	0	20.98	21.05	21.07	22.5	3
3	64QAM	8	4	21.02	21.03	21.05		
3	64QAM	8	7	20.94	20.97	21.09		
3	64QAM	15	0	21.02	21.05	21.13		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	24.15	24.26	24.19	25.5	0
1.4	QPSK	1	3	24.18	24.12	24.12		
1.4	QPSK	1	5	24.15	24.00	24.02		
1.4	QPSK	3	0	24.18	24.19	24.31		
1.4	QPSK	3	1	24.19	24.18	24.26		
1.4	QPSK	3	3	24.10	24.13	24.20		
1.4	QPSK	6	0	23.11	23.20	23.27	24.5	1
1.4	16QAM	1	0	23.17	23.21	23.24	24.5	1
1.4	16QAM	1	3	23.13	23.16	23.21		
1.4	16QAM	1	5	23.09	23.20	23.21		
1.4	16QAM	3	0	23.00	23.07	23.11		
1.4	16QAM	3	1	23.00	23.01	23.10		
1.4	16QAM	3	3	23.01	22.98	23.10		
1.4	16QAM	6	0	22.01	22.18	22.20	23.5	2
1.4	64QAM	1	0	22.21	22.28	22.28	23.5	2
1.4	64QAM	1	3	22.23	22.26	22.47		
1.4	64QAM	1	5	22.18	22.23	22.27		
1.4	64QAM	3	0	22.43	22.48	22.52		
1.4	64QAM	3	1	22.46	22.45	22.58		
1.4	64QAM	3	3	22.42	22.38	22.56		
1.4	64QAM	6	0	21.30	21.37	21.43	22.5	3

Band 66 Ant1 DSI1&2 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	24.29	24.52	24.49	25.5	0
20	QPSK	1	49	24.46	24.51	24.50		
20	QPSK	1	99	24.31	24.14	24.48		
20	QPSK	50	0	23.36	23.46	23.35	24.5	1
20	QPSK	50	24	23.26	23.32	23.11		
20	QPSK	50	50	23.19	23.22	23.36		
20	QPSK	100	0	23.25	23.44	23.42		
20	16QAM	1	0	23.38	23.60	23.53	24.5	1
20	16QAM	1	49	23.53	23.74	23.70		
20	16QAM	1	99	23.36	23.49	23.49		
20	16QAM	50	0	22.70	22.50	22.79	23.5	2
20	16QAM	50	24	22.56	22.72	22.86		
20	16QAM	50	50	22.54	22.65	22.70		
20	16QAM	100	0	22.54	22.59	22.80		
20	64QAM	1	0	22.38	22.48	22.56	23.5	2
20	64QAM	1	49	22.53	22.70	22.80		
20	64QAM	1	99	22.41	22.48	22.60		
20	64QAM	50	0	21.52	21.52	21.65	22.5	3
20	64QAM	50	24	21.46	21.53	21.68		
20	64QAM	50	50	21.43	21.51	21.49		
20	64QAM	100	0	21.41	21.51	21.57		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	24.24	24.25	24.39	25.5	0
15	QPSK	1	37	24.37	24.41	24.43		
15	QPSK	1	74	24.11	24.32	24.41		
15	QPSK	36	0	23.26	23.33	23.53	24.5	1
15	QPSK	36	20	23.28	23.37	23.42		
15	QPSK	36	39	23.25	23.28	23.45		
15	QPSK	75	0	23.31	23.31	23.39		
15	16QAM	1	0	22.99	23.21	23.19	24.5	1
15	16QAM	1	37	23.19	23.37	23.30		
15	16QAM	1	74	23.11	23.22	23.34		
15	16QAM	36	0	22.29	22.30	22.40	23.5	2
15	16QAM	36	20	22.24	22.30	22.47		
15	16QAM	36	39	22.14	22.32	22.43		
15	16QAM	75	0	22.05	22.31	22.47		
15	64QAM	1	0	22.29	22.40	22.24	23.5	2
15	64QAM	1	37	22.45	22.28	22.53		
15	64QAM	1	74	22.31	22.35	22.45		
15	64QAM	36	0	21.29	21.30	21.47	22.5	3
15	64QAM	36	20	21.26	21.32	21.39		
15	64QAM	36	39	21.26	21.30	21.34		
15	64QAM	75	0	21.28	21.27	21.62		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.99	24.11	24.27	25.5	0
10	QPSK	1	25	24.20	24.25	24.32		
10	QPSK	1	49	24.06	24.13	24.30		
10	QPSK	25	0	22.95	23.05	23.30	24.5	1
10	QPSK	25	12	22.98	23.04	23.26		
10	QPSK	25	25	22.96	23.08	23.13		
10	QPSK	50	0	22.93	23.12	23.32		
10	16QAM	1	0	23.01	23.03	23.13	24.5	1
10	16QAM	1	25	22.90	23.07	23.22		
10	16QAM	1	49	22.91	23.15	23.20		
10	16QAM	25	0	22.05	22.09	22.26	23.5	2
10	16QAM	25	12	22.10	22.09	22.30		
10	16QAM	25	25	21.98	22.15	22.27		
10	16QAM	50	0	22.05	22.06	22.30		
10	64QAM	1	0	22.05	22.10	22.17	23.5	2
10	64QAM	1	25	22.09	22.19	22.16		
10	64QAM	1	49	22.01	22.07	22.15		
10	64QAM	25	0	21.14	21.10	21.28	22.5	3
10	64QAM	25	12	21.14	21.14	21.19		
10	64QAM	25	25	21.08	21.18	21.21		
10	64QAM	50	0	21.10	21.13	21.33		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	24.10	24.17	24.31	25.5	0
5	QPSK	1	12	23.99	24.24	24.31		
5	QPSK	1	24	24.04	24.21	24.31		
5	QPSK	12	0	23.06	23.12	23.30	24.5	1
5	QPSK	12	7	23.02	23.07	23.09		
5	QPSK	12	13	22.97	23.02	22.98		
5	QPSK	25	0	22.97	23.03	23.22		
5	16QAM	1	0	23.23	23.23	23.38	24.5	1
5	16QAM	1	12	23.07	23.25	23.33		
5	16QAM	1	24	23.10	23.25	23.34		
5	16QAM	12	0	21.87	22.09	22.23	23.5	2
5	16QAM	12	7	21.98	22.05	22.26		
5	16QAM	12	13	21.87	21.98	22.13		
5	16QAM	25	0	22.02	22.08	22.25		
5	64QAM	1	0	22.10	22.14	22.30	23.5	2
5	64QAM	1	12	22.09	22.24	22.44		
5	64QAM	1	24	22.15	22.22	22.38		
5	64QAM	12	0	21.03	21.07	21.27	22.5	3
5	64QAM	12	7	21.04	21.03	21.12		
5	64QAM	12	13	20.91	20.97	21.17		
5	64QAM	25	0	20.96	21.04	21.16		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	24.18	24.29	24.42	25.5	0
3	QPSK	1	8	24.11	24.22	24.38		
3	QPSK	1	14	24.23	24.15	24.42		
3	QPSK	8	0	23.32	23.39	23.46	24.5	1
3	QPSK	8	4	23.33	23.41	23.59		
3	QPSK	8	7	23.31	23.33	23.49		
3	QPSK	15	0	23.32	23.41	23.55		
3	16QAM	1	0	23.42	23.29	23.57	24.5	1
3	16QAM	1	8	23.46	23.43	23.57		
3	16QAM	1	14	23.37	23.49	23.55		
3	16QAM	8	0	22.08	22.26	22.26	23.5	2
3	16QAM	8	4	22.08	22.21	22.33		
3	16QAM	8	7	22.10	22.19	22.36		
3	16QAM	15	0	22.20	22.17	22.40		
3	64QAM	1	0	22.50	22.27	22.68	23.5	2
3	64QAM	1	8	22.51	22.58	22.71		
3	64QAM	1	14	22.50	22.59	22.59		
3	64QAM	8	0	21.09	21.21	21.21	22.5	3
3	64QAM	8	4	21.05	21.07	21.24		
3	64QAM	8	7	21.05	21.21	21.20		
3	64QAM	15	0	21.03	21.08	21.21		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	24.07	24.28	24.42	25.5	0
1.4	QPSK	1	3	24.18	24.31	24.43		
1.4	QPSK	1	5	24.09	24.25	24.40		
1.4	QPSK	3	0	24.14	24.32	24.41		
1.4	QPSK	3	1	24.19	24.28	24.38		
1.4	QPSK	3	3	24.20	24.38	24.42		
1.4	QPSK	6	0	23.30	23.15	23.63	24.5	1
1.4	16QAM	1	0	23.06	23.27	23.27	24.5	1
1.4	16QAM	1	3	23.08	23.19	23.35		
1.4	16QAM	1	5	23.07	23.26	23.36		
1.4	16QAM	3	0	22.57	22.64	22.92		
1.4	16QAM	3	1	22.54	22.66	22.90		
1.4	16QAM	3	3	22.60	22.66	22.90		
1.4	16QAM	6	0	22.29	22.39	22.60	23.5	2
1.4	64QAM	1	0	22.05	22.20	22.35	23.5	2
1.4	64QAM	1	3	21.95	22.13	21.92		
1.4	64QAM	1	5	22.08	22.17	21.87		
1.4	64QAM	3	0	21.68	21.88	21.92		
1.4	64QAM	3	1	21.75	21.78	21.96		
1.4	64QAM	3	3	21.68	21.87	22.02		
1.4	64QAM	6	0	21.25	21.28	21.51	22.5	3

GSM1900 Ant2 DSI1&2&4 Default power

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.47	28.50	28.44	29.50	19.47	19.50	19.44	20.50
GPRS 1 Tx slot	28.69	28.48	28.52	29.50	19.69	19.48	19.52	20.50
GPRS 2 Tx slots	27.61	27.73	27.63	28.50	21.61	21.73	21.63	22.50
GPRS 3 Tx slots	25.30	24.93	24.95	25.50	21.04	20.67	20.69	21.24
GPRS 4 Tx slots	24.06	23.81	23.78	24.50	21.06	20.81	20.78	21.50
EDGE 1 Tx slot	24.04	23.70	23.69	24.50	15.04	14.70	14.69	15.50
EDGE 2 Tx slots	23.01	22.76	22.64	23.50	17.01	16.76	16.64	17.50
EDGE 3 Tx slots	20.89	20.62	20.53	21.50	16.63	16.36	16.27	17.24
EDGE 4 Tx slots	19.56	19.47	19.17	20.50	16.56	16.47	16.17	17.50

WCDMA IV Ant2 DSI1&2&4 Default power

Band		WCDMA IV			Tune-up Limit (dBm)
TX Channel		1312	1413	1513	
Rx Channel		1537	1638	1738	
Frequency (MHz)		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	23.07	23.39	23.26	24.50
3GPP Rel 99	RMC 12.2Kbps	23.16	23.50	23.42	24.50
3GPP Rel 6	HSDPA Subtest-1	22.19	22.26	22.40	23.50
3GPP Rel 6	HSDPA Subtest-2	22.16	22.26	22.42	23.50
3GPP Rel 6	HSDPA Subtest-3	21.88	21.97	21.98	23.00
3GPP Rel 6	HSDPA Subtest-4	21.83	21.94	21.90	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	22.02	22.09	22.25	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.95	22.03	22.14	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.70	21.71	21.80	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.67	21.71	21.79	23.00
3GPP Rel 6	HSUPA Subtest-1	22.33	22.46	22.60	23.50
3GPP Rel 6	HSUPA Subtest-2	20.31	20.44	20.55	21.50
3GPP Rel 6	HSUPA Subtest-3	21.36	21.47	21.62	22.50
3GPP Rel 6	HSUPA Subtest-4	19.87	20.00	20.12	21.50
3GPP Rel 6	HSUPA Subtest-5	22.30	22.40	22.50	23.50

Band 4 Ant2 DSI1&2&4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	23.25	23.33	23.30	24.5	0
20	QPSK	1	49	23.24	23.32	23.24		
20	QPSK	1	99	23.12	23.14	23.19		
20	QPSK	50	0	22.27	22.53	22.46	23.5	1
20	QPSK	50	24	22.32	22.39	22.50		
20	QPSK	50	50	22.36	22.36	22.52		
20	QPSK	100	0	22.58	22.59	22.53		
20	16QAM	1	0	22.85	22.98	23.14	23.5	1
20	16QAM	1	49	23.07	23.18	23.30		
20	16QAM	1	99	22.93	23.02	23.17		
20	16QAM	50	0	21.23	21.30	21.52	22.5	2
20	16QAM	50	24	21.30	21.39	21.48		
20	16QAM	50	50	21.23	21.28	21.48		
20	16QAM	100	0	21.17	21.27	21.50		
20	64QAM	1	0	21.29	21.26	21.41	22.5	2
20	64QAM	1	49	21.30	21.39	21.57		
20	64QAM	1	99	21.27	21.34	21.65		
20	64QAM	50	0	19.97	20.25	20.29	21.5	3
20	64QAM	50	24	20.01	20.11	20.22		
20	64QAM	50	50	19.97	20.12	20.29		
20	64QAM	100	0	20.09	20.23	20.22		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	23.02	23.05	23.06	24.5	0
15	QPSK	1	37	23.10	23.26	23.04		
15	QPSK	1	74	22.92	23.05	23.10		
15	QPSK	36	0	22.08	22.09	22.30	23.5	1
15	QPSK	36	20	22.06	22.14	22.35		
15	QPSK	36	39	22.01	22.10	22.31		
15	QPSK	75	0	22.03	22.16	22.33		
15	16QAM	1	0	21.75	22.02	22.13	23.5	1
15	16QAM	1	37	21.77	22.11	22.17		
15	16QAM	1	74	21.72	22.03	22.16		
15	16QAM	36	0	21.08	21.11	21.23	22.5	2
15	16QAM	36	20	21.07	21.14	21.26		
15	16QAM	36	39	21.00	21.12	21.27		
15	16QAM	75	0	21.04	21.09	21.23		
15	64QAM	1	0	20.93	20.97	21.17	22.5	2
15	64QAM	1	37	20.91	21.15	21.23		
15	64QAM	1	74	20.91	21.04	21.27		
15	64QAM	36	0	20.02	20.17	20.26	21.5	3
15	64QAM	36	20	20.04	20.24	20.32		
15	64QAM	36	39	20.07	20.18	20.29		
15	64QAM	75	0	20.02	20.10	20.26		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.77	23.01	23.01	24.5	0
10	QPSK	1	25	22.96	23.03	23.21		
10	QPSK	1	49	22.85	22.94	23.23		
10	QPSK	25	0	21.79	21.98	22.19	23.5	1
10	QPSK	25	12	21.89	21.94	22.19		
10	QPSK	25	25	21.84	21.96	22.19		
10	QPSK	50	0	21.87	22.05	22.17		
10	16QAM	1	0	21.85	21.97	21.99	23.5	1
10	16QAM	1	25	21.93	22.06	22.16		
10	16QAM	1	49	21.89	21.94	22.11		
10	16QAM	25	0	20.84	20.95	21.13	22.5	2
10	16QAM	25	12	20.84	20.91	21.07		
10	16QAM	25	25	20.78	20.90	21.18		
10	16QAM	50	0	20.84	20.97	21.14		
10	64QAM	1	0	20.87	20.98	20.81	22.5	2
10	64QAM	1	25	20.97	21.07	21.20		
10	64QAM	1	49	20.87	20.98	20.92		
10	64QAM	25	0	19.80	19.92	20.08	21.5	3
10	64QAM	25	12	19.80	19.92	20.10		
10	64QAM	25	25	19.82	19.90	20.16		
10	64QAM	50	0	19.82	19.88	20.09		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.91	23.04	23.23	24.5	0
5	QPSK	1	12	23.04	22.98	23.22		
5	QPSK	1	24	22.92	23.03	23.14		
5	QPSK	12	0	21.67	21.85	22.04	23.5	1
5	QPSK	12	7	21.70	21.78	22.00		
5	QPSK	12	13	21.65	21.75	21.92		
5	QPSK	25	0	21.68	21.83	22.01		
5	16QAM	1	0	21.86	21.78	21.92	23.5	1
5	16QAM	1	12	21.78	21.77	22.02		
5	16QAM	1	24	21.79	21.75	21.94		
5	16QAM	12	0	20.69	20.83	21.01	22.5	2
5	16QAM	12	7	20.68	20.74	20.99		
5	16QAM	12	13	20.63	20.75	20.96		
5	16QAM	25	0	20.70	20.88	21.06		
5	64QAM	1	0	20.75	20.97	21.18	22.5	2
5	64QAM	1	12	20.81	20.98	21.12		
5	64QAM	1	24	20.79	20.99	21.20		
5	64QAM	12	0	19.75	20.01	20.18	21.5	3
5	64QAM	12	7	19.85	20.03	20.16		
5	64QAM	12	13	19.70	20.04	20.13		
5	64QAM	25	0	19.75	19.99	20.17		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.81	22.90	23.14	24.5	0
3	QPSK	1	8	22.86	22.97	23.15		
3	QPSK	1	14	22.99	22.94	23.14		
3	QPSK	8	0	21.80	21.87	22.11	23.5	1
3	QPSK	8	4	21.75	21.93	22.13		
3	QPSK	8	7	21.77	21.85	22.07		
3	QPSK	15	0	21.64	21.84	22.07		
3	16QAM	1	0	21.71	21.90	22.06	23.5	1
3	16QAM	1	8	21.77	21.81	22.04		
3	16QAM	1	14	21.67	21.84	22.07		
3	16QAM	8	0	20.72	20.88	20.99	22.5	2
3	16QAM	8	4	20.72	20.80	20.99		
3	16QAM	8	7	20.70	20.82	21.04		
3	16QAM	15	0	20.60	20.77	21.01		
3	64QAM	1	0	20.65	20.84	20.95	22.5	2
3	64QAM	1	8	20.58	20.77	20.99		
3	64QAM	1	14	20.63	20.80	21.01		
3	64QAM	8	0	19.71	19.86	20.05	21.5	3
3	64QAM	8	4	19.72	19.81	20.08		
3	64QAM	8	7	19.60	19.80	20.07		
3	64QAM	15	0	19.53	19.76	19.91		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.92	23.08	23.15	24.5	0
1.4	QPSK	1	3	22.97	23.16	23.29		
1.4	QPSK	1	5	22.97	23.13	23.16		
1.4	QPSK	3	0	23.00	23.09	23.29		
1.4	QPSK	3	1	22.93	23.13	23.27		
1.4	QPSK	3	3	22.88	23.01	23.30		
1.4	QPSK	6	0	21.84	22.03	22.21	23.5	1
1.4	16QAM	1	0	21.94	22.04	22.26	23.5	1
1.4	16QAM	1	3	21.90	22.07	22.28		
1.4	16QAM	1	5	22.03	22.12	22.27		
1.4	16QAM	3	0	21.82	21.89	22.21		
1.4	16QAM	3	1	21.86	21.97	22.21		
1.4	16QAM	3	3	21.80	21.91	22.15		
1.4	16QAM	6	0	20.84	21.04	21.25	22.5	2
1.4	64QAM	1	0	20.86	21.04	21.20	22.5	2
1.4	64QAM	1	3	20.86	20.96	21.22		
1.4	64QAM	1	5	20.86	21.06	21.22		
1.4	64QAM	3	0	20.88	21.06	21.24		
1.4	64QAM	3	1	20.94	21.06	21.30		
1.4	64QAM	3	3	20.83	20.98	21.20		
1.4	64QAM	6	0	19.84	20.03	20.15	21.5	3

Band 7 Ant2 DSI1&2 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.88	23.13	22.89	24.5	0
20	QPSK	1	49	23.10	22.93	23.08		
20	QPSK	1	99	23.05	22.99	22.89		
20	QPSK	50	0	22.06	22.13	22.05	23.5	1
20	QPSK	50	24	22.04	22.07	22.04		
20	QPSK	50	50	21.91	21.97	22.02		
20	QPSK	100	0	21.99	22.01	21.91		
20	16QAM	1	0	21.94	22.01	22.03	23.5	1
20	16QAM	1	49	22.12	22.21	22.22		
20	16QAM	1	99	22.07	22.09	22.07		
20	16QAM	50	0	21.01	21.05	21.04	22.5	2
20	16QAM	50	24	21.12	21.07	20.97		
20	16QAM	50	50	20.94	20.98	20.95		
20	16QAM	100	0	21.01	21.03	20.94		
20	64QAM	1	0	20.85	20.93	20.97	22.5	2
20	64QAM	1	49	21.13	21.13	21.12		
20	64QAM	1	99	20.97	20.98	20.93		
20	64QAM	50	0	20.02	19.99	20.04	21.5	3
20	64QAM	50	24	19.95	20.01	19.98		
20	64QAM	50	50	19.97	19.95	19.91		
20	64QAM	100	0	19.98	19.97	19.96		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.88	22.89	22.87	24.5	0
15	QPSK	1	37	22.97	23.04	23.11		
15	QPSK	1	74	23.02	22.92	22.76		
15	QPSK	36	0	22.00	21.96	21.99	23.5	1
15	QPSK	36	20	21.94	21.95	22.01		
15	QPSK	36	39	21.80	21.90	21.90		
15	QPSK	75	0	22.00	21.91	21.95		
15	16QAM	1	0	21.98	21.89	22.04	23.5	1
15	16QAM	1	37	22.13	22.16	22.20		
15	16QAM	1	74	21.98	22.12	22.04		
15	16QAM	36	0	20.92	21.07	21.08	22.5	2
15	16QAM	36	20	21.09	21.01	20.90		
15	16QAM	36	39	20.88	20.97	20.85		
15	16QAM	75	0	21.04	21.05	20.95		
15	64QAM	1	0	20.74	20.86	20.94	22.5	2
15	64QAM	1	37	21.05	21.06	21.06		
15	64QAM	1	74	20.99	20.98	20.95		
15	64QAM	36	0	19.89	19.86	19.92	21.5	3
15	64QAM	36	20	19.96	19.99	19.98		
15	64QAM	36	39	19.86	19.89	19.94		
15	64QAM	75	0	19.88	19.97	19.96		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.80	22.86	22.83	24.5	0
10	QPSK	1	25	23.04	23.07	23.02		
10	QPSK	1	49	22.98	22.91	22.83		
10	QPSK	25	0	21.99	21.96	21.97	23.5	1
10	QPSK	25	12	21.97	21.99	22.07		
10	QPSK	25	25	21.85	21.89	21.95		
10	QPSK	50	0	21.94	21.94	21.84		
10	16QAM	1	0	21.86	21.93	21.97	23.5	1
10	16QAM	1	25	22.04	22.15	22.14		
10	16QAM	1	49	22.01	22.02	21.99		
10	16QAM	25	0	20.95	20.98	20.98	22.5	2
10	16QAM	25	12	21.06	20.99	20.90		
10	16QAM	25	25	20.88	20.90	20.88		
10	16QAM	50	0	20.93	20.95	20.86		
10	64QAM	1	0	20.79	20.85	20.89	22.5	2
10	64QAM	1	25	21.06	21.05	21.06		
10	64QAM	1	49	20.90	20.90	20.85		
10	64QAM	25	0	19.95	19.92	19.96	21.5	3
10	64QAM	25	12	19.88	19.94	19.90		
10	64QAM	25	25	19.91	19.89	19.85		
10	64QAM	50	0	19.90	19.89	19.88		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.77	22.87	22.85	24.5	0
5	QPSK	1	12	23.10	23.08	22.99		
5	QPSK	1	24	22.91	22.97	22.76		
5	QPSK	12	0	22.02	22.02	21.97	23.5	1
5	QPSK	12	7	21.92	22.00	22.02		
5	QPSK	12	13	21.80	21.88	21.92		
5	QPSK	25	0	21.93	21.94	21.78		
5	16QAM	1	0	21.83	21.94	21.99	23.5	1
5	16QAM	1	12	22.00	22.13	22.21		
5	16QAM	1	24	21.99	22.05	22.02		
5	16QAM	12	0	20.98	21.06	21.02	22.5	2
5	16QAM	12	7	21.12	20.98	20.82		
5	16QAM	12	13	20.94	20.86	20.82		
5	16QAM	25	0	20.93	20.98	20.92		
5	64QAM	1	0	20.81	20.80	20.96	22.5	2
5	64QAM	1	12	21.07	21.07	21.02		
5	64QAM	1	24	20.96	20.88	20.83		
5	64QAM	12	0	19.89	19.85	19.95	21.5	3
5	64QAM	12	7	19.96	19.96	19.97		
5	64QAM	12	13	19.90	19.88	19.82		
5	64QAM	25	0	19.93	19.82	19.95		

Band 66 Ant2 DSI1&2&4 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	23.36	23.58	23.34	24.5	0
20	QPSK	1	49	23.33	23.57	23.53		
20	QPSK	1	99	23.23	23.44	23.56		
20	QPSK	50	0	22.56	22.59	22.56	23.5	1
20	QPSK	50	24	22.51	22.57	22.54		
20	QPSK	50	50	22.53	22.57	22.52		
20	QPSK	100	0	22.60	22.61	22.58		
20	16QAM	1	0	22.71	22.59	22.54	23.5	1
20	16QAM	1	49	22.87	22.77	22.84		
20	16QAM	1	99	22.68	22.67	22.66		
20	16QAM	50	0	21.70	21.56	21.56	22.5	2
20	16QAM	50	24	21.63	21.63	21.50		
20	16QAM	50	50	21.72	21.59	21.58		
20	16QAM	100	0	21.64	21.53	21.59		
20	64QAM	1	0	21.67	21.54	21.64	22.5	2
20	64QAM	1	49	21.88	21.71	21.88		
20	64QAM	1	99	21.71	21.71	21.76		
20	64QAM	50	0	20.67	20.55	20.66	21.5	3
20	64QAM	50	24	20.62	20.61	20.60		
20	64QAM	50	50	20.64	20.49	20.55		
20	64QAM	100	0	20.63	20.50	20.61		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.57	23.54	23.57	24.5	0
15	QPSK	1	37	23.43	23.57	23.51		
15	QPSK	1	74	23.52	23.51	23.46		
15	QPSK	36	0	22.63	22.49	22.63	23.5	1
15	QPSK	36	20	22.65	22.60	22.61		
15	QPSK	36	39	22.65	22.57	22.67		
15	QPSK	75	0	22.67	22.52	22.67		
15	16QAM	1	0	22.75	22.74	22.75	23.5	1
15	16QAM	1	37	22.90	22.82	22.91		
15	16QAM	1	74	22.79	22.80	22.90		
15	16QAM	36	0	21.61	21.46	21.58	22.5	2
15	16QAM	36	20	21.58	21.53	21.57		
15	16QAM	36	39	21.66	21.50	21.63		
15	16QAM	75	0	21.62	21.59	21.67		
15	64QAM	1	0	21.70	21.64	21.71	22.5	2
15	64QAM	1	37	22.03	21.84	21.97		
15	64QAM	1	74	21.73	21.66	21.71		
15	64QAM	36	0	20.62	20.50	20.62	21.5	3
15	64QAM	36	20	20.60	20.55	20.58		
15	64QAM	36	39	20.58	20.49	20.55		
15	64QAM	75	0	20.67	20.56	20.61		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.36	23.37	23.38	24.5	0
10	QPSK	1	25	23.45	23.48	23.54		
10	QPSK	1	49	23.41	23.43	23.51		
10	QPSK	25	0	22.32	22.29	22.37	23.5	1
10	QPSK	25	12	22.34	22.25	22.37		
10	QPSK	25	25	22.37	22.27	22.34		
10	QPSK	50	0	22.38	22.35	22.47		
10	16QAM	1	0	22.47	22.43	22.52	23.5	1
10	16QAM	1	25	22.55	22.55	22.58		
10	16QAM	1	49	22.49	22.48	22.51		
10	16QAM	25	0	21.41	21.29	21.43	22.5	2
10	16QAM	25	12	21.45	21.36	21.39		
10	16QAM	25	25	21.43	21.30	21.59		
10	16QAM	50	0	21.39	21.32	21.44		
10	64QAM	1	0	21.46	21.36	21.42	22.5	2
10	64QAM	1	25	21.54	21.80	21.58		
10	64QAM	1	49	21.48	21.44	21.59		
10	64QAM	25	0	20.44	20.34	20.58	21.5	3
10	64QAM	25	12	20.44	20.34	20.36		
10	64QAM	25	25	20.49	20.33	20.53		
10	64QAM	50	0	20.46	20.31	20.51		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.40	23.40	23.42	24.5	0
5	QPSK	1	12	23.31	23.40	23.54		
5	QPSK	1	24	23.42	23.37	23.56		
5	QPSK	12	0	22.34	22.30	22.51	23.5	1
5	QPSK	12	7	22.30	22.30	22.55		
5	QPSK	12	13	22.28	22.23	22.44		
5	QPSK	25	0	22.30	22.27	22.45		
5	16QAM	1	0	22.54	22.47	22.57	23.5	1
5	16QAM	1	12	22.55	22.49	22.87		
5	16QAM	1	24	22.46	22.69	22.64		
5	16QAM	12	0	21.36	21.30	21.50	22.5	2
5	16QAM	12	7	21.30	21.26	21.50		
5	16QAM	12	13	21.30	21.19	21.40		
5	16QAM	25	0	21.39	21.31	21.53		
5	64QAM	1	0	21.01	21.31	21.10	22.5	2
5	64QAM	1	12	21.11	21.04	21.27		
5	64QAM	1	24	21.07	21.02	21.22		
5	64QAM	12	0	20.66	20.48	20.68	21.5	3
5	64QAM	12	7	20.54	20.55	20.78		
5	64QAM	12	13	20.61	20.46	20.78		
5	64QAM	25	0	20.55	20.57	20.78		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	23.36	23.30	23.52	24.5	0
3	QPSK	1	8	23.32	23.35	23.55		
3	QPSK	1	14	23.40	23.34	23.51		
3	QPSK	8	0	22.33	22.27	22.44	23.5	1
3	QPSK	8	4	22.26	22.30	22.38		
3	QPSK	8	7	22.27	22.20	22.48		
3	QPSK	15	0	22.31	22.27	22.47		
3	16QAM	1	0	22.21	22.15	22.22	23.5	1
3	16QAM	1	8	22.26	22.12	22.49		
3	16QAM	1	14	22.20	22.17	22.30		
3	16QAM	8	0	21.38	21.28	21.36	22.5	2
3	16QAM	8	4	21.37	21.27	21.48		
3	16QAM	8	7	21.35	21.31	21.35		
3	16QAM	15	0	21.30	21.21	21.43		
3	64QAM	1	0	21.56	21.28	21.59	22.5	2
3	64QAM	1	8	21.32	21.30	21.68		
3	64QAM	1	14	21.38	21.22	21.43		
3	64QAM	8	0	20.31	20.21	20.33	21.5	3
3	64QAM	8	4	20.30	20.21	20.32		
3	64QAM	8	7	20.30	20.20	20.39		
3	64QAM	15	0	20.16	20.10	20.30		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	23.42	23.51	23.48	24.5	0
1.4	QPSK	1	3	23.45	23.50	23.44		
1.4	QPSK	1	5	23.40	23.51	23.51		
1.4	QPSK	3	0	23.44	23.41	23.53		
1.4	QPSK	3	1	23.49	23.46	23.49		
1.4	QPSK	3	3	23.52	23.50	23.44		
1.4	QPSK	6	0	22.61	22.60	22.73	23.5	1
1.4	16QAM	1	0	22.53	22.55	22.63	23.5	1
1.4	16QAM	1	3	22.57	22.56	22.63		
1.4	16QAM	1	5	22.53	22.54	22.59		
1.4	16QAM	3	0	22.11	22.05	22.32		
1.4	16QAM	3	1	22.10	22.01	22.25		
1.4	16QAM	3	3	22.04	21.95	22.27		
1.4	16QAM	6	0	21.61	21.59	21.70	22.5	2
1.4	64QAM	1	0	21.54	21.49	21.65	22.5	2
1.4	64QAM	1	3	21.47	21.47	21.58		
1.4	64QAM	1	5	21.55	21.47	21.58		
1.4	64QAM	3	0	21.19	21.13	21.32		
1.4	64QAM	3	1	21.22	21.15	21.29		
1.4	64QAM	3	3	21.24	21.13	21.35		
1.4	64QAM	6	0	20.61	20.58	20.74	21.5	3

Band 38 Ant2 DSI1&2 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.53	21.77	21.57	23	0
20	QPSK	1	49	21.73	21.56	21.74		
20	QPSK	1	99	21.50	21.54	21.49		
20	QPSK	50	0	20.68	20.69	20.66	22	1
20	QPSK	50	24	20.59	20.67	20.67		
20	QPSK	50	50	20.58	20.60	20.53		
20	QPSK	100	0	20.61	20.62	20.61		
20	16QAM	1	0	20.59	20.65	20.65	22	1
20	16QAM	1	49	20.82	20.79	20.79		
20	16QAM	1	99	20.62	20.63	20.56		
20	16QAM	50	0	19.72	19.76	19.69	21	2
20	16QAM	50	24	19.73	19.73	19.65		
20	16QAM	50	50	19.69	19.69	19.64		
20	16QAM	100	0	19.74	19.71	19.63		
20	64QAM	1	0	19.66	19.69	19.61	21	2
20	64QAM	1	49	19.83	19.81	19.74		
20	64QAM	1	99	19.64	19.64	19.61		
20	64QAM	50	0	18.72	18.73	18.69	20	3
20	64QAM	50	24	18.71	18.71	18.65		
20	64QAM	50	50	18.60	18.62	18.61		
20	64QAM	100	0	18.69	18.66	18.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.45	21.52	21.52	23	0
15	QPSK	1	37	21.64	21.71	21.70		
15	QPSK	1	74	21.43	21.52	21.46		
15	QPSK	36	0	20.68	20.67	20.58	22	1
15	QPSK	36	20	20.64	20.57	20.58		
15	QPSK	36	39	20.50	20.60	20.52		
15	QPSK	75	0	20.59	20.57	20.54		
15	16QAM	1	0	20.54	20.58	20.58	22	1
15	16QAM	1	37	20.79	20.74	20.76		
15	16QAM	1	74	20.61	20.60	20.55		
15	16QAM	36	0	19.69	19.70	19.60	21	2
15	16QAM	36	20	19.72	19.69	19.61		
15	16QAM	36	39	19.68	19.69	19.54		
15	16QAM	75	0	19.67	19.66	19.55		
15	64QAM	1	0	19.62	19.68	19.53	21	2
15	64QAM	1	37	19.75	19.79	19.69		
15	64QAM	1	74	19.59	19.56	19.52		
15	64QAM	36	0	18.68	18.69	18.63	20	3
15	64QAM	36	20	18.68	18.70	18.56		
15	64QAM	36	39	18.57	18.56	18.55		
15	64QAM	75	0	18.62	18.62	18.55		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.46	21.46	21.53	23	0
10	QPSK	1	25	21.69	21.71	21.64		
10	QPSK	1	49	21.40	21.47	21.43		
10	QPSK	25	0	20.62	20.59	20.57	22	1
10	QPSK	25	12	20.59	20.61	20.62		
10	QPSK	25	25	20.52	20.52	20.49		
10	QPSK	50	0	20.58	20.52	20.57		
10	16QAM	1	0	20.52	20.54	20.56	22	1
10	16QAM	1	25	20.73	20.68	20.76		
10	16QAM	1	49	20.54	20.58	20.47		
10	16QAM	25	0	19.68	19.67	19.66	21	2
10	16QAM	25	12	19.69	19.66	19.62		
10	16QAM	25	25	19.61	19.58	19.57		
10	16QAM	50	0	19.67	19.62	19.52		
10	64QAM	1	0	19.63	19.59	19.52	21	2
10	64QAM	1	25	19.74	19.78	19.71		
10	64QAM	1	49	19.61	19.58	19.55		
10	64QAM	25	0	18.62	18.65	18.59	20	3
10	64QAM	25	12	18.66	18.66	18.56		
10	64QAM	25	25	18.55	18.54	18.55		
10	64QAM	50	0	18.64	18.59	18.53		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.48	21.52	21.47	23	0
5	QPSK	1	12	21.63	21.67	21.68		
5	QPSK	1	24	21.43	21.50	21.45		
5	QPSK	12	0	20.60	20.63	20.62	22	1
5	QPSK	12	7	20.61	20.59	20.61		
5	QPSK	12	13	20.53	20.53	20.43		
5	QPSK	25	0	20.57	20.56	20.54		
5	16QAM	1	0	20.51	20.54	20.58	22	1
5	16QAM	1	12	20.76	20.75	20.68		
5	16QAM	1	24	20.56	20.54	20.50		
5	16QAM	12	0	19.63	19.71	19.62	21	2
5	16QAM	12	7	19.63	19.70	19.55		
5	16QAM	12	13	19.59	19.63	19.60		
5	16QAM	25	0	19.67	19.61	19.53		
5	64QAM	1	0	19.60	19.61	19.54	21	2
5	64QAM	1	12	19.77	19.75	19.67		
5	64QAM	1	24	19.56	19.57	19.51		
5	64QAM	12	0	18.64	18.64	18.59	20	3
5	64QAM	12	7	18.61	18.61	18.62		
5	64QAM	12	13	18.53	18.54	18.53		
5	64QAM	25	0	18.63	18.57	18.59		

Band 41 Ant2 DSI1&2 Default power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.82	21.92	21.98	21.83	21.84	23	0
20	QPSK	1	49	21.89	21.97	21.93	21.89	21.89		
20	QPSK	1	99	21.67	21.74	21.82	21.69	21.64		
20	QPSK	50	0	20.86	20.93	20.98	20.84	20.86	22	1
20	QPSK	50	24	20.82	20.88	20.95	20.80	20.76		
20	QPSK	50	50	20.74	20.82	20.89	20.72	20.72		
20	QPSK	100	0	20.82	20.86	20.93	20.77	20.79		
20	16QAM	1	0	20.84	20.92	20.96	20.85	20.86	22	1
20	16QAM	1	49	20.93	21.02	21.05	20.90	20.95		
20	16QAM	1	99	20.84	20.88	20.90	20.81	20.78		
20	16QAM	50	0	19.94	20.00	20.06	19.94	19.92	21	2
20	16QAM	50	24	19.88	19.93	20.01	19.88	19.89		
20	16QAM	50	50	19.84	19.89	19.98	19.77	19.79		
20	16QAM	100	0	19.94	19.97	20.04	19.86	19.86		
20	64QAM	1	0	19.89	19.95	19.99	19.86	19.88	21	2
20	64QAM	1	49	19.99	20.03	20.09	19.91	19.98		
20	64QAM	1	99	19.82	19.89	19.95	19.85	19.82		
20	64QAM	50	0	18.92	19.01	19.08	18.92	18.95	20	3
20	64QAM	50	24	18.92	18.96	19.05	18.91	18.90		
20	64QAM	50	50	18.83	18.92	18.99	18.87	18.85		
20	64QAM	100	0	18.89	18.95	19.03	18.91	18.86		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	21.70	21.79	21.90	21.74	21.74	23.00	0
15	QPSK	1	37	21.80	21.89	21.90	21.82	21.76		
15	QPSK	1	74	21.61	21.64	21.73	21.59	21.58		
15	QPSK	36	0	20.78	20.85	20.89	20.71	20.79	22	1
15	QPSK	36	20	20.75	20.79	20.83	20.69	20.68		
15	QPSK	36	39	20.61	20.75	20.77	20.61	20.58		
15	QPSK	75	0	20.70	20.76	20.81	20.66	20.71		
15	16QAM	1	0	20.71	20.83	20.85	20.76	20.80	22	1
15	16QAM	1	37	20.81	20.88	20.99	20.78	20.83		
15	16QAM	1	74	20.74	20.77	20.77	20.71	20.67		
15	16QAM	36	0	19.86	19.89	19.93	19.82	19.86	21	2
15	16QAM	36	20	19.75	19.83	19.89	19.80	19.76		
15	16QAM	36	39	19.75	19.77	19.91	19.65	19.65		
15	16QAM	75	0	19.85	19.86	19.97	19.79	19.77		
15	64QAM	1	0	19.79	19.83	19.88	19.74	19.82	21	2
15	64QAM	1	37	19.90	19.90	20.03	19.81	19.87		
15	64QAM	1	74	19.70	19.79	19.84	19.72	19.71		
15	64QAM	36	0	18.80	18.94	19.01	18.83	18.82	20	3
15	64QAM	36	20	18.84	18.84	18.93	18.78	18.78		
15	64QAM	36	39	18.71	18.80	18.85	18.76	18.75		
15	64QAM	75	0	18.75	18.82	18.96	18.84	18.73		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.74	21.81	21.91	21.69	21.76	23.00	0
10	QPSK	1	25	21.76	21.82	21.90	21.78	21.74		
10	QPSK	1	49	21.55	21.58	21.76	21.60	21.54		
10	QPSK	25	0	20.75	20.78	20.91	20.72	20.70	22	1
10	QPSK	25	12	20.67	20.80	20.87	20.68	20.64		
10	QPSK	25	25	20.68	20.75	20.74	20.61	20.66		
10	QPSK	50	0	20.76	20.71	20.86	20.70	20.69		
10	16QAM	1	0	20.75	20.79	20.87	20.72	20.71	22	1
10	16QAM	1	25	20.79	20.89	20.98	20.77	20.88		
10	16QAM	1	49	20.70	20.77	20.80	20.71	20.65		
10	16QAM	25	0	19.86	19.93	19.95	19.83	19.77	21	2
10	16QAM	25	12	19.78	19.82	19.94	19.81	19.77		
10	16QAM	25	25	19.76	19.80	19.90	19.68	19.66		
10	16QAM	50	0	19.84	19.90	19.90	19.76	19.74		
10	64QAM	1	0	19.82	19.82	19.91	19.76	19.73	21	2
10	64QAM	1	25	19.83	19.93	19.97	19.80	19.82		
10	64QAM	1	49	19.69	19.77	19.86	19.77	19.66		
10	64QAM	25	0	18.80	18.93	19.00	18.77	18.89	20	3
10	64QAM	25	12	18.83	18.84	18.95	18.78	18.74		
10	64QAM	25	25	18.75	18.77	18.88	18.78	18.75		
10	64QAM	50	0	18.79	18.82	18.88	18.75	18.76		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	21.73	21.80	21.87	21.75	21.73	23.00	0
5	QPSK	1	12	21.79	21.87	21.92	21.77	21.78		
5	QPSK	1	24	21.60	21.67	21.73	21.59	21.57		
5	QPSK	12	0	20.76	20.81	20.88	20.73	20.80	22	1
5	QPSK	12	7	20.72	20.81	20.88	20.72	20.66		
5	QPSK	12	13	20.63	20.72	20.82	20.66	20.64		
5	QPSK	25	0	20.75	20.74	20.84	20.67	20.70		
5	16QAM	1	0	20.74	20.83	20.87	20.74	20.78	22	1
5	16QAM	1	12	20.84	20.94	20.94	20.79	20.88		
5	16QAM	1	24	20.77	20.80	20.82	20.72	20.67		
5	16QAM	12	0	19.83	19.89	19.99	19.84	19.82	21	2
5	16QAM	12	7	19.77	19.85	19.95	19.77	19.81		
5	16QAM	12	13	19.78	19.77	19.91	19.70	19.71		
5	16QAM	25	0	19.87	19.90	19.95	19.76	19.78		
5	64QAM	1	0	19.77	19.85	19.88	19.77	19.76	21	2
5	64QAM	1	12	19.93	19.95	20.02	19.83	19.89		
5	64QAM	1	24	19.73	19.80	19.86	19.74	19.71		
5	64QAM	12	0	18.81	18.92	19.01	18.82	18.83	20	3
5	64QAM	12	7	18.83	18.86	18.95	18.82	18.84		
5	64QAM	12	13	18.76	18.81	18.91	18.78	18.75		
5	64QAM	25	0	18.80	18.88	18.93	18.79	18.77		

GSM850 Ant4 DSI1&2&4 Default power

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	31.49	31.60	31.36	32.50	22.49	22.60	22.36	23.50
GPRS 1 Tx slot	31.48	31.59	31.34	32.50	22.48	22.59	22.34	23.50
GPRS 2 Tx slots	30.48	30.60	30.37	31.50	24.48	24.60	24.37	25.50
GPRS 3 Tx slots	28.43	28.51	28.33	29.50	24.17	24.25	24.07	25.24
GPRS 4 Tx slots	27.28	27.35	27.24	28.50	24.28	24.35	24.24	25.50
EDGE 1 Tx slot	25.17	24.92	24.86	25.50	16.17	15.92	15.86	16.50
EDGE 2 Tx slots	23.91	23.55	23.62	24.50	17.91	17.55	17.62	18.50
EDGE 3 Tx slots	21.80	21.56	21.54	22.50	17.54	17.30	17.28	18.24
EDGE 4 Tx slots	20.65	20.50	20.55	21.50	17.65	17.50	17.55	18.50

GSM1900 Ant4 DSI2&4 Default power

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	28.30	28.04	28.00	29.00	19.30	19.04	19.00	20.00
GPRS 1 Tx slot	28.35	28.04	27.91	29.00	19.35	19.04	18.91	20.00
GPRS 2 Tx slots	27.14	27.22	27.20	28.50	21.14	21.22	21.20	22.50
GPRS 3 Tx slots	24.83	24.68	24.56	25.50	20.57	20.42	20.30	21.24
GPRS 4 Tx slots	23.69	23.49	23.40	24.50	20.69	20.49	20.40	21.50
EDGE 1 Tx slot	23.91	23.71	23.41	24.50	14.91	14.71	14.41	15.50
EDGE 2 Tx slots	22.79	22.66	22.45	23.50	16.79	16.66	16.45	17.50
EDGE 3 Tx slots	20.78	20.62	20.51	21.50	16.52	16.36	16.25	17.24
EDGE 4 Tx slots	19.50	19.32	19.13	20.50	16.50	16.32	16.13	17.50

WCDMA II Ant4 DSI2 Default power / WCDMA IV Ant4 DSI2 Default power / WCDMA V Ant4 DSI2&4 Default power

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.78	25.19	25.06	25.50	23.21	23.35	23.27	24.50	23.41	23.55	23.48	24.50
3GPP Rel 99	RMC 12.2Kbps	24.80	25.20	25.10	25.50	23.22	23.39	23.29	24.50	23.45	23.57	23.51	24.50
3GPP Rel 6	HSDPA Subtest-1	24.37	24.23	24.04	24.50	22.27	22.29	22.37	23.50	23.44	23.04	23.06	23.50
3GPP Rel 6	HSDPA Subtest-2	24.34	24.19	24.03	24.50	22.29	22.30	22.37	23.50	22.46	22.55	22.60	23.50
3GPP Rel 6	HSDPA Subtest-3	23.87	23.75	23.55	24.00	21.97	22.01	21.90	23.00	22.42	22.52	22.59	23.00
3GPP Rel 6	HSDPA Subtest-4	23.80	23.68	23.51	24.00	21.96	21.98	21.87	23.00	22.00	22.03	22.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	24.26	24.16	23.95	24.50	22.16	22.11	22.28	23.50	23.32	23.35	23.40	23.50
3GPP Rel 8	DC-HSDPA Subtest-2	24.20	24.09	23.80	24.50	22.21	22.20	22.13	23.50	22.23	22.44	22.42	23.50
3GPP Rel 8	DC-HSDPA Subtest-3	23.76	23.59	23.31	24.00	21.92	21.84	21.68	23.00	22.19	22.32	22.51	23.00
3GPP Rel 8	DC-HSDPA Subtest-4	23.71	23.54	23.36	24.00	21.74	21.78	21.77	23.00	21.94	21.96	22.06	23.00
3GPP Rel 6	HSUPA Subtest-1	23.33	23.23	23.04	24.50	22.44	22.47	22.58	23.50	20.40	20.53	20.52	23.50
3GPP Rel 6	HSUPA Subtest-2	22.32	22.21	21.98	22.50	20.42	20.44	20.55	21.50	20.43	20.50	20.53	21.50
3GPP Rel 6	HSUPA Subtest-3	23.33	23.21	23.03	23.50	21.52	21.50	21.62	22.50	21.46	21.52	21.56	22.50
3GPP Rel 6	HSUPA Subtest-4	21.89	21.72	21.51	22.50	20.01	20.02	20.11	21.50	20.00	20.10	20.14	21.50
3GPP Rel 6	HSUPA Subtest-5	23.30	23.20	23.00	24.50	22.40	22.40	22.50	23.50	21.40	21.50	21.50	23.50

Band 2 Ant4 DSI2 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				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	24.67	24.73	24.61	25.5	0
20	QPSK	1	49	24.69	24.75	24.56		
20	QPSK	1	99	24.60	24.68	24.59		
20	QPSK	50	0	23.58	23.69	23.61	24.5	1
20	QPSK	50	24	23.62	23.59	23.55		
20	QPSK	50	50	23.58	23.63	23.47		
20	QPSK	100	0	23.63	23.68	23.57		
20	16QAM	1	0	23.56	23.64	23.92	24.5	1
20	16QAM	1	49	23.65	23.65	23.93		
20	16QAM	1	99	23.54	23.99	23.79		
20	16QAM	50	0	22.64	22.58	22.61	23.5	2
20	16QAM	50	24	22.61	22.49	22.48		
20	16QAM	50	50	22.50	22.62	22.38		
20	16QAM	100	0	22.63	22.72	22.61		
20	64QAM	1	0	22.63	22.86	22.79	23.5	2
20	64QAM	1	49	22.75	22.66	22.64		
20	64QAM	1	99	22.70	22.82	22.71		
20	64QAM	50	0	21.80	21.72	21.79	22.5	3
20	64QAM	50	24	21.78	21.70	21.54		
20	64QAM	50	50	21.69	21.79	21.64		
20	64QAM	100	0	21.85	21.70	21.78		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	24.56	24.70	24.60	25.5	0
15	QPSK	1	37	24.63	24.64	24.59		
15	QPSK	1	74	24.64	24.65	24.58		
15	QPSK	36	0	23.57	23.59	23.56	24.5	1
15	QPSK	36	20	23.63	23.55	23.56		
15	QPSK	36	39	23.57	23.59	23.56		
15	QPSK	75	0	23.61	23.56	23.65		
15	16QAM	1	0	23.63	23.61	23.51	24.5	1
15	16QAM	1	37	23.62	23.64	23.52		
15	16QAM	1	74	23.63	23.62	23.59		
15	16QAM	36	0	22.63	22.60	22.55	23.5	2
15	16QAM	36	20	22.62	22.56	22.58		
15	16QAM	36	39	22.58	22.58	22.57		
15	16QAM	75	0	22.63	22.62	22.58		
15	64QAM	1	0	22.52	22.63	22.64	23.5	2
15	64QAM	1	37	22.60	22.61	22.67		
15	64QAM	1	74	22.59	22.72	22.64		
15	64QAM	36	0	21.59	21.68	21.56	22.5	3
15	64QAM	36	20	21.53	21.49	21.50		
15	64QAM	36	39	21.60	21.61	21.62		
15	64QAM	75	0	21.55	21.60	21.44		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	24.66	24.69	24.63	25.5	0
10	QPSK	1	25	24.70	24.63	24.72		
10	QPSK	1	49	24.54	24.60	24.60		
10	QPSK	25	0	23.62	23.59	23.57	24.5	1
10	QPSK	25	12	23.65	23.59	23.55		
10	QPSK	25	25	23.57	23.61	23.46		
10	QPSK	50	0	23.64	23.59	23.56		
10	16QAM	1	0	23.84	23.71	23.94	24.5	1
10	16QAM	1	25	23.84	23.78	23.98		
10	16QAM	1	49	23.85	23.89	23.70		
10	16QAM	25	0	22.68	22.65	22.64	23.5	2
10	16QAM	25	12	22.68	22.70	22.61		
10	16QAM	25	25	22.63	22.69	22.50		
10	16QAM	50	0	22.61	22.60	22.48		
10	64QAM	1	0	22.53	22.63	22.69	23.5	2
10	64QAM	1	25	22.67	22.56	22.56		
10	64QAM	1	49	22.55	22.66	22.58		
10	64QAM	25	0	21.61	21.65	21.73	22.5	3
10	64QAM	25	12	21.56	21.61	21.50		
10	64QAM	25	25	21.57	21.80	21.53		
10	64QAM	50	0	21.42	21.49	21.39		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	24.41	24.40	24.44	25.5	0
5	QPSK	1	12	24.51	24.64	24.57		
5	QPSK	1	24	24.32	24.35	24.42		
5	QPSK	12	0	23.30	23.47	23.29	24.5	1
5	QPSK	12	7	23.30	23.51	23.36		
5	QPSK	12	13	23.19	23.38	23.32		
5	QPSK	25	0	23.22	23.32	23.33		
5	16QAM	1	0	23.32	23.31	23.32	24.5	1
5	16QAM	1	12	23.48	23.59	23.36		
5	16QAM	1	24	23.19	23.23	23.19		
5	16QAM	12	0	22.62	22.54	22.59	23.5	2
5	16QAM	12	7	22.66	22.61	22.55		
5	16QAM	12	13	22.48	22.51	22.48		
5	16QAM	25	0	22.49	22.50	22.44		
5	64QAM	1	0	22.48	22.44	22.40	23.5	2
5	64QAM	1	12	22.58	22.61	22.51		
5	64QAM	1	24	22.33	22.42	22.45		
5	64QAM	12	0	21.53	21.35	21.27	22.5	3
5	64QAM	12	7	21.38	21.49	21.34		
5	64QAM	12	13	21.25	21.29	21.23		
5	64QAM	25	0	21.42	21.39	21.38		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	24.63	24.61	24.54	25.5	0
3	QPSK	1	8	24.56	24.65	24.58		
3	QPSK	1	14	24.60	24.68	24.59		
3	QPSK	8	0	23.57	23.57	23.49	24.5	1
3	QPSK	8	4	23.57	23.57	23.55		
3	QPSK	8	7	23.52	23.57	23.46		
3	QPSK	15	0	23.59	23.55	23.54		
3	16QAM	1	0	23.72	23.72	23.60	24.5	1
3	16QAM	1	8	23.62	23.70	23.51		
3	16QAM	1	14	23.67	23.30	23.29		
3	16QAM	8	0	22.73	22.72	22.66	23.5	2
3	16QAM	8	4	22.72	22.71	22.68		
3	16QAM	8	7	22.64	22.77	22.67		
3	16QAM	15	0	22.61	22.59	22.63		
3	64QAM	1	0	22.67	22.57	22.57	23.5	2
3	64QAM	1	8	22.78	22.67	22.54		
3	64QAM	1	14	22.63	22.65	22.63		
3	64QAM	8	0	21.63	21.50	21.69	22.5	3
3	64QAM	8	4	21.66	21.75	21.52		
3	64QAM	8	7	21.65	21.63	21.68		
3	64QAM	15	0	21.48	21.73	21.58		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	24.59	24.65	24.58	25.5	0
1.4	QPSK	1	3	24.45	24.61	24.56		
1.4	QPSK	1	5	24.44	24.67	24.44		
1.4	QPSK	3	0	24.57	24.53	24.47		
1.4	QPSK	3	1	24.58	24.56	24.43		
1.4	QPSK	3	3	24.57	24.52	24.47		
1.4	QPSK	6	0	23.58	23.56	23.57	24.5	1
1.4	16QAM	1	0	23.78	23.65	23.45	24.5	1
1.4	16QAM	1	3	23.63	23.62	23.40		
1.4	16QAM	1	5	23.75	23.77	23.40		
1.4	16QAM	3	0	23.41	23.30	23.48		
1.4	16QAM	3	1	23.29	23.36	23.38		
1.4	16QAM	3	3	23.43	23.38	23.37		
1.4	16QAM	6	0	22.62	22.59	22.56	23.5	2
1.4	64QAM	1	0	22.67	22.62	22.51	23.5	2
1.4	64QAM	1	3	22.66	22.58	22.49		
1.4	64QAM	1	5	22.50	22.63	22.45		
1.4	64QAM	3	0	22.39	22.51	22.47		
1.4	64QAM	3	1	22.51	22.49	22.39		
1.4	64QAM	3	3	22.44	22.42	22.46		
1.4	64QAM	6	0	21.70	21.60	21.48	22.5	3

Band 4 Ant4 DSI2&4 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				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.88	22.93	22.82	24	0
20	QPSK	1	49	22.85	22.92	22.92		
20	QPSK	1	99	22.85	22.66	22.84		
20	QPSK	50	0	21.85	21.98	21.92	23	1
20	QPSK	50	24	21.87	21.76	21.90		
20	QPSK	50	50	21.72	21.85	21.87		
20	QPSK	100	0	21.81	21.91	21.86		
20	16QAM	1	0	21.51	21.79	21.70	23	1
20	16QAM	1	49	21.67	21.80	21.79		
20	16QAM	1	99	21.53	21.66	21.88		
20	16QAM	50	0	20.77	20.71	20.78	22	2
20	16QAM	50	24	20.88	20.85	20.93		
20	16QAM	50	50	20.76	20.75	20.72		
20	16QAM	100	0	20.86	20.78	20.95		
20	64QAM	1	0	20.84	20.59	20.64	22	2
20	64QAM	1	49	20.80	20.76	20.81		
20	64QAM	1	99	20.75	20.66	20.90		
20	64QAM	50	0	19.82	19.76	19.83	21	3
20	64QAM	50	24	19.73	19.83	19.93		
20	64QAM	50	50	19.91	19.72	19.82		
20	64QAM	100	0	19.84	19.82	19.87		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.67	22.71	22.69	24	0
15	QPSK	1	37	22.80	22.79	22.86		
15	QPSK	1	74	22.57	22.54	22.78		
15	QPSK	36	0	21.76	21.80	21.78	23	1
15	QPSK	36	20	21.72	21.67	21.82		
15	QPSK	36	39	21.74	21.86	21.68		
15	QPSK	75	0	21.77	21.85	21.80		
15	16QAM	1	0	21.78	21.70	21.94	23	1
15	16QAM	1	37	21.62	21.77	21.97		
15	16QAM	1	74	21.53	21.53	21.69		
15	16QAM	36	0	20.63	20.62	20.77	22	2
15	16QAM	36	20	20.78	20.63	20.79		
15	16QAM	36	39	20.79	20.70	20.72		
15	16QAM	75	0	20.73	20.65	20.82		
15	64QAM	1	0	20.58	20.71	20.89	22	2
15	64QAM	1	37	20.90	20.94	20.54		
15	64QAM	1	74	20.67	20.78	20.94		
15	64QAM	36	0	19.63	19.75	19.77	21	3
15	64QAM	36	20	19.48	19.73	19.73		
15	64QAM	36	39	19.56	19.62	19.79		
15	64QAM	75	0	19.66	19.66	19.83		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.77	22.85	22.85	24	0
10	QPSK	1	25	22.86	22.83	22.86		
10	QPSK	1	49	22.72	22.80	22.82		
10	QPSK	25	0	22.03	22.05	22.19	23	1
10	QPSK	25	12	22.02	22.08	22.17		
10	QPSK	25	25	22.01	22.05	22.20		
10	QPSK	50	0	22.01	22.12	22.18		
10	16QAM	1	0	22.05	22.06	22.04	23	1
10	16QAM	1	25	22.08	22.20	22.19		
10	16QAM	1	49	21.97	22.06	22.13		
10	16QAM	25	0	21.07	21.03	21.20	22	2
10	16QAM	25	12	20.99	21.01	21.18		
10	16QAM	25	25	20.98	21.05	21.12		
10	16QAM	50	0	20.99	20.97	21.12		
10	64QAM	1	0	21.04	20.99	21.23	22	2
10	64QAM	1	25	21.24	21.10	21.27		
10	64QAM	1	49	21.04	20.91	21.16		
10	64QAM	25	0	19.73	19.75	20.03	21	3
10	64QAM	25	12	19.74	19.82	19.98		
10	64QAM	25	25	19.59	19.87	20.05		
10	64QAM	50	0	20.01	19.90	19.88		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.78	22.84	22.86	24	0
5	QPSK	1	12	22.79	22.83	22.83		
5	QPSK	1	24	22.80	22.89	22.80		
5	QPSK	12	0	21.90	21.85	22.09	23	1
5	QPSK	12	7	21.85	21.83	22.06		
5	QPSK	12	13	21.84	21.91	21.97		
5	QPSK	25	0	21.77	21.98	22.21		
5	16QAM	1	0	22.01	21.86	22.12	23	1
5	16QAM	1	12	21.94	21.85	22.03		
5	16QAM	1	24	21.86	21.85	21.99		
5	16QAM	12	0	20.99	21.08	21.20	22	2
5	16QAM	12	7	20.99	21.00	21.18		
5	16QAM	12	13	20.91	20.97	21.11		
5	16QAM	25	0	21.00	21.06	21.20		
5	64QAM	1	0	20.80	21.01	21.03	22	2
5	64QAM	1	12	20.99	20.80	21.11		
5	64QAM	1	24	20.77	20.84	21.21		
5	64QAM	12	0	19.85	20.04	20.02	21	3
5	64QAM	12	7	19.82	19.85	20.01		
5	64QAM	12	13	19.70	19.98	20.02		
5	64QAM	25	0	19.86	19.80	20.16		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.76	22.82	22.91	24	0
3	QPSK	1	8	22.83	22.76	22.92		
3	QPSK	1	14	22.79	22.77	22.91		
3	QPSK	8	0	21.86	21.92	21.86	23	1
3	QPSK	8	4	21.84	21.80	22.04		
3	QPSK	8	7	21.82	21.81	21.93		
3	QPSK	15	0	21.73	21.87	21.88		
3	16QAM	1	0	21.78	21.78	21.88	23	1
3	16QAM	1	8	21.77	21.69	21.93		
3	16QAM	1	14	21.55	21.90	21.86		
3	16QAM	8	0	20.56	20.75	20.87	22	2
3	16QAM	8	4	20.54	20.61	20.78		
3	16QAM	8	7	20.57	20.37	20.64		
3	16QAM	15	0	20.64	20.69	20.85		
3	64QAM	1	0	20.68	20.86	20.84	22	2
3	64QAM	1	8	20.78	20.89	20.98		
3	64QAM	1	14	20.74	20.76	20.98		
3	64QAM	8	0	19.77	19.93	20.04	21	3
3	64QAM	8	4	19.74	19.92	19.87		
3	64QAM	8	7	19.85	19.82	19.93		
3	64QAM	15	0	19.62	19.73	19.99		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.65	22.77	22.80	24	0
1.4	QPSK	1	3	22.69	22.80	22.86		
1.4	QPSK	1	5	22.69	22.76	22.82		
1.4	QPSK	3	0	22.81	22.91	22.87		
1.4	QPSK	3	1	22.87	22.86	22.83		
1.4	QPSK	3	3	22.89	22.93	22.84		
1.4	QPSK	6	0	21.72	21.72	21.82	23	1
1.4	16QAM	1	0	21.48	21.69	21.86	23	1
1.4	16QAM	1	3	21.58	21.63	21.87		
1.4	16QAM	1	5	21.55	21.56	21.82		
1.4	16QAM	3	0	21.54	21.54	21.67		
1.4	16QAM	3	1	21.41	21.59	21.70		
1.4	16QAM	3	3	21.62	21.54	21.73		
1.4	16QAM	6	0	20.58	20.70	20.87	22	2
1.4	64QAM	1	0	20.60	20.78	20.92	22	2
1.4	64QAM	1	3	20.58	20.76	20.84		
1.4	64QAM	1	5	20.72	20.75	20.89		
1.4	64QAM	3	0	20.45	20.56	20.85		
1.4	64QAM	3	1	20.63	20.67	20.75		
1.4	64QAM	3	3	20.62	20.51	20.77		
1.4	64QAM	6	0	19.60	19.70	19.95	21	3

Band 5 Ant4 DSI1&2&4 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				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	22.80	23.15	22.95	24	0
10	QPSK	1	25	22.96	22.98	22.88		
10	QPSK	1	49	22.89	22.92	22.88		
10	QPSK	25	0	21.86	22.05	21.91	23	1
10	QPSK	25	12	21.94	21.96	21.95		
10	QPSK	25	25	21.96	21.97	21.99		
10	QPSK	50	0	21.92	22.06	21.98		
10	16QAM	1	0	21.85	21.96	22.01	23	1
10	16QAM	1	25	22.01	21.98	21.94		
10	16QAM	1	49	21.96	21.89	21.90		
10	16QAM	25	0	20.97	21.07	20.92	22	2
10	16QAM	25	12	20.95	20.97	20.96		
10	16QAM	25	25	20.90	20.97	20.98		
10	16QAM	50	0	20.86	21.01	20.90		
10	64QAM	1	0	20.82	20.87	20.91	22	2
10	64QAM	1	25	21.23	21.08	20.99		
10	64QAM	1	49	20.88	21.14	20.88		
10	64QAM	25	0	19.77	20.03	20.06	21	3
10	64QAM	25	12	19.93	20.20	19.98		
10	64QAM	25	25	20.08	20.06	20.07		
10	64QAM	50	0	20.05	20.11	20.04		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.03	23.00	22.96	24	0
5	QPSK	1	12	23.02	23.03	23.01		
5	QPSK	1	24	23.14	23.03	22.90		
5	QPSK	12	0	21.97	22.06	21.94	23	1
5	QPSK	12	7	22.01	22.01	21.96		
5	QPSK	12	13	22.02	21.90	21.92		
5	QPSK	25	0	22.02	21.94	21.93		
5	16QAM	1	0	21.90	21.98	21.90	23	1
5	16QAM	1	12	22.06	22.04	21.95		
5	16QAM	1	24	21.92	21.85	21.73		
5	16QAM	12	0	20.97	20.99	20.98	22	2
5	16QAM	12	7	20.99	20.96	20.98		
5	16QAM	12	13	20.94	20.91	20.93		
5	16QAM	25	0	20.96	20.94	20.93		
5	64QAM	1	0	20.90	20.87	20.85	22	2
5	64QAM	1	12	20.96	21.09	20.94		
5	64QAM	1	24	21.08	20.94	20.81		
5	64QAM	12	0	19.96	19.99	19.94	21	3
5	64QAM	12	7	19.85	19.98	19.81		
5	64QAM	12	13	19.96	19.77	19.94		
5	64QAM	25	0	19.97	20.09	19.85		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.94	22.95	22.89	24	0
3	QPSK	1	8	22.94	22.91	22.82		
3	QPSK	1	14	23.02	22.92	22.87		
3	QPSK	8	0	21.92	21.98	21.94	23	1
3	QPSK	8	4	22.01	21.97	21.93		
3	QPSK	8	7	22.03	22.02	21.93		
3	QPSK	15	0	21.96	21.95	21.92		
3	16QAM	1	0	21.80	21.81	21.76	23	1
3	16QAM	1	8	21.82	21.80	21.71		
3	16QAM	1	14	21.89	21.84	21.77		
3	16QAM	8	0	20.94	21.10	21.05	22	2
3	16QAM	8	4	21.15	21.11	21.06		
3	16QAM	8	7	21.04	21.09	21.04		
3	16QAM	15	0	21.03	20.97	20.97		
3	64QAM	1	0	21.06	20.98	20.94	22	2
3	64QAM	1	8	21.09	20.93	20.93		
3	64QAM	1	14	20.93	21.00	21.02		
3	64QAM	8	0	20.01	19.86	19.79	21	3
3	64QAM	8	4	20.04	20.02	19.80		
3	64QAM	8	7	20.11	20.01	19.88		
3	64QAM	15	0	19.79	19.96	19.97		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.82	22.82	22.70	24	0
1.4	QPSK	1	3	22.76	22.79	22.71		
1.4	QPSK	1	5	22.82	22.76	22.73		
1.4	QPSK	3	0	22.90	22.95	22.97		
1.4	QPSK	3	1	22.84	22.96	22.88		
1.4	QPSK	3	3	22.92	22.86	22.90		
1.4	QPSK	6	0	21.73	21.76	21.74	23	1
1.4	16QAM	1	0	21.85	21.79	21.70	23	1
1.4	16QAM	1	3	21.86	21.80	21.72		
1.4	16QAM	1	5	21.88	21.82	21.74		
1.4	16QAM	3	0	21.78	21.87	21.74		
1.4	16QAM	3	1	21.79	21.71	21.82		
1.4	16QAM	3	3	21.75	21.77	21.80		
1.4	16QAM	6	0	20.78	20.82	20.61	22	2
1.4	64QAM	1	0	20.64	20.88	20.69	22	2
1.4	64QAM	1	3	20.86	20.86	20.76		
1.4	64QAM	1	5	20.77	20.94	20.76		
1.4	64QAM	3	0	20.64	20.52	20.65		
1.4	64QAM	3	1	20.62	20.57	20.40		
1.4	64QAM	3	3	20.64	20.66	20.57		
1.4	64QAM	6	0	19.66	19.87	19.62	21	3

Band 7 Ant4 DSI2 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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	23.08	23.19	23.16	23.5	0
20	QPSK	1	49	23.01	23.03	22.91		
20	QPSK	1	99	22.85	23.18	22.83		
20	QPSK	50	0	22.05	22.15	22.06	22.5	1
20	QPSK	50	24	22.05	22.14	22.03		
20	QPSK	50	50	22.06	22.13	22.04		
20	QPSK	100	0	21.99	22.07	22.01		
20	16QAM	1	0	21.89	22.13	21.82	22.5	1
20	16QAM	1	49	21.87	21.92	22.01		
20	16QAM	1	99	22.00	22.06	21.94		
20	16QAM	50	0	21.06	21.16	21.35	21.5	2
20	16QAM	50	24	21.06	21.15	21.39		
20	16QAM	50	50	21.04	21.10	21.23		
20	16QAM	100	0	20.88	21.11	21.31		
20	64QAM	1	0	21.04	21.22	21.32	21.5	2
20	64QAM	1	49	21.11	21.19	21.37		
20	64QAM	1	99	21.14	21.15	21.21		
20	64QAM	50	0	19.82	19.86	20.24	20.5	3
20	64QAM	50	24	19.77	19.99	20.09		
20	64QAM	50	50	19.79	19.87	20.20		
20	64QAM	100	0	19.99	20.18	20.19		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.89	22.98	22.97	23.5	0
15	QPSK	1	37	22.87	22.93	22.86		
15	QPSK	1	74	22.67	23.10	22.78		
15	QPSK	36	0	22.04	22.01	22.01	22.5	1
15	QPSK	36	20	22.02	22.12	21.95		
15	QPSK	36	39	22.01	22.04	21.88		
15	QPSK	75	0	21.84	21.95	22.01		
15	16QAM	1	0	21.91	22.01	21.81	22.5	1
15	16QAM	1	37	21.70	21.73	21.85		
15	16QAM	1	74	22.00	22.06	21.88		
15	16QAM	36	0	20.84	21.18	21.33	21.5	2
15	16QAM	36	20	21.03	21.13	21.27		
15	16QAM	36	39	21.02	21.11	21.12		
15	16QAM	75	0	20.70	20.95	21.12		
15	64QAM	1	0	20.98	21.05	21.15	21.5	2
15	64QAM	1	37	21.00	21.16	21.38		
15	64QAM	1	74	21.16	21.02	21.48		
15	64QAM	36	0	19.83	19.65	20.00	20.5	3
15	64QAM	36	20	19.72	19.82	20.01		
15	64QAM	36	39	20.00	19.85	20.08		
15	64QAM	75	0	19.79	19.96	20.05		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	23.07	23.21	22.99	23.5	0
10	QPSK	1	25	22.82	22.92	22.77		
10	QPSK	1	49	22.81	23.02	22.80		
10	QPSK	25	0	21.95	22.11	21.90	22.5	1
10	QPSK	25	12	22.04	21.99	21.97		
10	QPSK	25	25	21.88	22.08	22.02		
10	QPSK	50	0	22.00	21.94	21.98		
10	16QAM	1	0	21.82	22.12	21.75	22.5	1
10	16QAM	1	25	21.87	21.75	21.89		
10	16QAM	1	49	21.86	21.86	21.92		
10	16QAM	25	0	20.95	21.12	21.15	21.5	2
10	16QAM	25	12	21.01	21.11	21.28		
10	16QAM	25	25	20.84	20.99	21.22		
10	16QAM	50	0	20.86	21.02	21.18		
10	64QAM	1	0	21.00	21.11	21.27	21.5	2
10	64QAM	1	25	21.13	21.02	21.22		
10	64QAM	1	49	20.93	21.13	21.37		
10	64QAM	25	0	19.75	19.87	20.09	20.5	3
10	64QAM	25	12	19.66	19.86	20.04		
10	64QAM	25	25	19.79	19.76	20.08		
10	64QAM	50	0	19.93	20.04	20.08		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	23.05	23.05	23.11	23.5	0
5	QPSK	1	12	22.81	22.99	22.76		
5	QPSK	1	24	22.66	23.06	22.73		
5	QPSK	12	0	21.88	21.94	21.90	22.5	1
5	QPSK	12	7	21.99	22.08	21.83		
5	QPSK	12	13	21.99	21.91	21.99		
5	QPSK	25	0	21.92	21.91	21.80		
5	16QAM	1	0	21.91	22.14	21.70	22.5	1
5	16QAM	1	12	21.74	21.76	21.96		
5	16QAM	1	24	21.85	21.90	21.78		
5	16QAM	12	0	20.93	20.98	21.33	21.5	2
5	16QAM	12	7	20.99	21.08	21.26		
5	16QAM	12	13	21.02	21.03	21.08		
5	16QAM	25	0	20.86	21.04	21.31		
5	64QAM	1	0	20.99	21.24	21.18	21.5	2
5	64QAM	1	12	20.95	21.19	21.31		
5	64QAM	1	24	20.95	20.93	21.34		
5	64QAM	12	0	19.62	19.83	20.06	20.5	3
5	64QAM	12	7	19.79	19.83	19.91		
5	64QAM	12	13	19.76	19.77	20.05		
5	64QAM	25	0	19.93	20.09	20.17		

Band 12 Ant4 DSI1&2&4 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.17	22.25	22.23	23.5	0
10	QPSK	1	25	22.12	22.18	22.18		
10	QPSK	1	49	22.22	22.22	22.20		
10	QPSK	25	0	22.07	22.24	22.22	22.5	1
10	QPSK	25	12	22.09	22.16	22.18		
10	QPSK	25	25	22.14	22.19	22.20		
10	QPSK	50	0	21.07	21.13	21.02		
10	16QAM	1	0	21.14	21.15	21.23		
10	16QAM	1	25	21.21	21.17	21.22	22.5	1
10	16QAM	1	49	21.07	21.16	21.30		
10	16QAM	25	0	20.53	20.56	20.63	21.5	2
10	16QAM	25	12	20.50	20.39	20.53		
10	16QAM	25	25	20.36	20.56	20.59		
10	16QAM	50	0	20.03	20.10	20.11		
10	64QAM	1	0	20.09	20.12	20.34		
10	64QAM	1	25	20.19	20.29	20.34	21.5	2
10	64QAM	1	49	20.24	20.26	20.25		
10	64QAM	25	0	19.30	19.16	19.41		
10	64QAM	25	12	19.38	19.39	19.30	20.5	3
10	64QAM	25	25	19.34	19.08	19.35		
10	64QAM	50	0	19.23	19.14	19.24		
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.11	22.20	22.09	23.5	0
5	QPSK	1	12	22.11	22.23	22.20		
5	QPSK	1	24	22.22	22.22	22.13		
5	QPSK	12	0	21.18	21.09	21.21	22.5	1
5	QPSK	12	7	21.06	21.04	21.19		
5	QPSK	12	13	21.08	21.12	21.11		
5	QPSK	25	0	21.10	21.07	21.18		
5	16QAM	1	0	21.08	21.11	21.01		
5	16QAM	1	12	20.98	21.21	21.10	22.5	1
5	16QAM	1	24	20.97	21.11	21.27		
5	16QAM	12	0	19.99	19.99	20.07	21.5	2
5	16QAM	12	7	20.07	20.10	20.10		
5	16QAM	12	13	19.91	19.96	19.95		
5	16QAM	25	0	20.08	19.93	20.15		
5	64QAM	1	0	19.63	20.01	19.73	21.5	2
5	64QAM	1	12	19.63	19.95	19.69		
5	64QAM	1	24	19.98	19.69	19.65		
5	64QAM	12	0	19.12	18.93	19.25	20.5	3
5	64QAM	12	7	19.08	19.07	19.14		
5	64QAM	12	13	19.16	19.05	19.11		
5	64QAM	25	0	19.10	19.16	19.03		
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	21.96	22.08	22.23	23.5	0
3	QPSK	1	8	22.16	22.19	22.18		
3	QPSK	1	14	22.19	22.22	22.23		
3	QPSK	8	0	20.97	21.08	21.21	22.5	1
3	QPSK	8	4	21.06	21.10	21.12		
3	QPSK	8	7	20.98	21.05	21.15		
3	QPSK	15	0	21.04	21.04	21.17		
3	16QAM	1	0	20.81	20.96	21.21	22.5	1
3	16QAM	1	8	21.15	20.92	21.22		
3	16QAM	1	14	21.22	21.02	20.76		
3	16QAM	8	0	19.99	20.04	20.10	21.5	2
3	16QAM	8	4	20.07	20.15	20.07		
3	16QAM	8	7	20.12	20.03	20.18		
3	16QAM	15	0	20.09	20.13	20.15		
3	64QAM	1	0	19.99	20.25	19.96	21.5	2
3	64QAM	1	8	20.31	20.04	20.40		
3	64QAM	1	14	20.26	20.11	20.13		
3	64QAM	8	0	18.99	18.95	19.11	20.5	3
3	64QAM	8	4	19.00	19.12	19.10		
3	64QAM	8	7	18.98	19.05	19.08		
3	64QAM	15	0	18.98	18.99	19.05		
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	21.97	22.04	21.95	23.5	0
1.4	QPSK	1	3	22.17	22.21	22.17		
1.4	QPSK	1	5	22.10	22.18	22.12		
1.4	QPSK	3	0	22.18	22.20	22.04		
1.4	QPSK	3	1	22.11	22.06	22.07		
1.4	QPSK	3	3	22.08	22.20	22.15		
1.4	QPSK	6	0	21.20	21.28	21.14	22.5	1
1.4	16QAM	1	0	21.03	21.03	21.00	22.5	1
1.4	16QAM	1	3	21.28	21.12	21.17		
1.4	16QAM	1	5	21.25	21.19	21.14		
1.4	16QAM	3	0	21.14	20.99	21.10		
1.4	16QAM	3	1	21.10	21.09	21.16		
1.4	16QAM	3	3	21.17	21.15	21.06		
1.4	16QAM	6	0	20.16	20.05	20.01	21.5	2
1.4	64QAM	1	0	20.08	19.95	20.10	21.5	2
1.4	64QAM	1	3	20.12	20.29	20.25		
1.4	64QAM	1	5	20.26	20.19	20.30		
1.4	64QAM	3	0	20.14	20.07	20.03		
1.4	64QAM	3	1	19.97	20.12	20.15		
1.4	64QAM	3	3	20.17	20.07	20.04		
1.4	64QAM	6	0	19.11	18.98	19.15	20.5	3

Band 17 Ant4 DSI1&2&4 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				23780	23790	23800		
Frequency (MHz)				709	710	711		
10	QPSK	1	0	22.21	22.24	22.23	23.5	0
10	QPSK	1	25	22.24	22.17	22.21		
10	QPSK	1	49	22.10	22.12	22.15		
10	QPSK	25	0	21.11	21.18	21.17	22.5	1
10	QPSK	25	12	21.28	21.29	21.26		
10	QPSK	25	25	21.28	21.21	21.18		
10	QPSK	50	0	21.20	21.38	21.28		
10	16QAM	1	0	21.15	21.22	21.11		
10	16QAM	1	25	21.27	21.31	21.42	22.5	1
10	16QAM	1	49	21.33	21.30	21.35		
10	16QAM	25	0	20.13	20.23	20.12	21.5	2
10	16QAM	25	12	20.22	20.32	20.34		
10	16QAM	25	25	20.26	20.24	20.23		
10	16QAM	50	0	20.20	20.11	20.19		
10	64QAM	1	0	20.05	20.23	20.21		
10	64QAM	1	25	20.38	20.39	20.32	21.5	2
10	64QAM	1	49	20.29	20.24	20.45		
10	64QAM	25	0	19.11	19.17	19.28		
10	64QAM	25	12	19.06	19.31	19.35	20.5	3
10	64QAM	25	25	19.13	19.22	19.06		
10	64QAM	50	0	19.07	19.10	19.00		
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704.5	710	715.5		
5	QPSK	1	0	22.12	22.21	22.23	23.5	0
5	QPSK	1	12	22.12	22.20	22.17		
5	QPSK	1	24	22.10	22.16	22.20		
5	QPSK	12	0	21.29	21.17	21.35	22.5	1
5	QPSK	12	7	21.25	21.28	21.39		
5	QPSK	12	13	21.22	21.21	21.26		
5	QPSK	25	0	21.26	21.17	21.28		
5	16QAM	1	0	21.19	21.15	21.26	22.5	1
5	16QAM	1	12	21.55	21.24	21.37		
5	16QAM	1	24	21.27	21.34	21.35		
5	16QAM	12	0	20.26	20.27	20.38	21.5	2
5	16QAM	12	7	20.25	20.29	20.25		
5	16QAM	12	13	20.29	20.23	20.23		
5	16QAM	25	0	20.29	20.30	20.34		
5	64QAM	1	0	20.30	20.13	20.43	21.5	2
5	64QAM	1	12	20.36	20.26	20.49		
5	64QAM	1	24	20.56	20.29	20.41		
5	64QAM	12	0	18.86	19.10	19.22	20.5	3
5	64QAM	12	7	19.12	19.02	18.95		
5	64QAM	12	13	18.93	18.99	19.03		
5	64QAM	25	0	19.21	19.25	19.00		

Band 66 Ant4 DSI2&4 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				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.73	22.94	22.87	24	0
20	QPSK	1	49	22.71	22.87	22.92		
20	QPSK	1	99	22.60	22.82	22.91		
20	QPSK	50	0	21.74	21.87	21.78	23	1
20	QPSK	50	24	21.59	21.73	21.86		
20	QPSK	50	50	21.52	21.62	21.86		
20	QPSK	100	0	21.56	22.05	21.86		
20	16QAM	1	0	21.76	21.85	22.09	23	1
20	16QAM	1	49	21.70	21.87	21.99		
20	16QAM	1	99	21.66	21.89	22.05		
20	16QAM	50	0	20.62	20.87	20.97	22	2
20	16QAM	50	24	20.73	20.84	20.99		
20	16QAM	50	50	20.60	20.80	20.95		
20	16QAM	100	0	20.77	20.90	21.21		
20	64QAM	1	0	20.86	20.94	21.03	22	2
20	64QAM	1	49	20.75	21.03	21.13		
20	64QAM	1	99	20.83	20.88	21.22		
20	64QAM	50	0	19.92	19.94	20.11	21	3
20	64QAM	50	24	19.85	19.88	19.63		
20	64QAM	50	50	19.93	19.99	19.81		
20	64QAM	100	0	19.91	19.94	20.22		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.41	22.55	22.72	24	0
15	QPSK	1	37	22.57	22.63	22.76		
15	QPSK	1	74	22.50	22.64	22.72		
15	QPSK	36	0	21.56	21.61	21.69	23	1
15	QPSK	36	20	21.59	21.58	21.80		
15	QPSK	36	39	21.51	21.56	21.68		
15	QPSK	75	0	21.47	21.56	21.89		
15	16QAM	1	0	21.49	21.55	21.84	23	1
15	16QAM	1	37	21.72	21.72	21.76		
15	16QAM	1	74	21.44	21.73	21.79		
15	16QAM	36	0	20.55	20.54	20.71	22	2
15	16QAM	36	20	20.60	20.49	20.69		
15	16QAM	36	39	20.40	20.59	20.67		
15	16QAM	75	0	20.42	20.63	20.80		
15	64QAM	1	0	20.45	20.51	20.79	22	2
15	64QAM	1	37	20.52	20.67	20.68		
15	64QAM	1	74	20.33	20.47	20.72		
15	64QAM	36	0	19.69	19.54	19.76	21	3
15	64QAM	36	20	19.43	19.60	19.75		
15	64QAM	36	39	19.52	19.73	19.69		
15	64QAM	75	0	19.60	19.71	19.85		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.76	22.85	22.93	24	0
10	QPSK	1	25	22.62	22.75	22.91		
10	QPSK	1	49	22.65	22.85	22.90		
10	QPSK	25	0	21.80	21.88	21.99	23	1
10	QPSK	25	12	22.02	21.98	22.14		
10	QPSK	25	25	21.96	21.97	21.99		
10	QPSK	50	0	21.82	21.97	22.09		
10	16QAM	1	0	21.77	21.79	21.89	23	1
10	16QAM	1	25	21.78	21.96	22.00		
10	16QAM	1	49	21.74	21.89	22.00		
10	16QAM	25	0	20.79	20.84	20.95	22	2
10	16QAM	25	12	20.73	20.83	21.00		
10	16QAM	25	25	20.76	20.79	20.98		
10	16QAM	50	0	20.83	20.88	21.26		
10	64QAM	1	0	20.68	20.84	20.98	22	2
10	64QAM	1	25	20.93	20.93	21.07		
10	64QAM	1	49	20.68	20.99	20.91		
10	64QAM	25	0	19.90	19.79	19.90	21	3
10	64QAM	25	12	19.78	19.81	19.92		
10	64QAM	25	25	19.63	19.84	19.88		
10	64QAM	50	0	19.77	19.88	20.17		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.46	22.59	22.81	24	0
5	QPSK	1	12	22.60	22.82	22.85		
5	QPSK	1	24	22.51	22.72	22.83		
5	QPSK	12	0	21.56	21.50	21.75	23	1
5	QPSK	12	7	21.40	21.64	21.88		
5	QPSK	12	13	21.52	21.42	21.84		
5	QPSK	25	0	21.40	21.41	21.58		
5	16QAM	1	0	21.54	21.51	21.69	23	1
5	16QAM	1	12	21.78	21.71	21.87		
5	16QAM	1	24	21.79	21.57	21.91		
5	16QAM	12	0	20.52	20.55	20.64	22	2
5	16QAM	12	7	20.31	20.53	20.64		
5	16QAM	12	13	20.34	20.41	20.63		
5	16QAM	25	0	20.51	20.43	20.78		
5	64QAM	1	0	20.52	20.55	20.64	22	2
5	64QAM	1	12	20.31	20.53	20.64		
5	64QAM	1	24	20.34	20.41	20.63		
5	64QAM	12	0	19.51	19.59	19.79	21	3
5	64QAM	12	7	19.37	19.66	19.78		
5	64QAM	12	13	19.57	19.46	19.76		
5	64QAM	25	0	19.43	19.42	19.85		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.72	22.88	22.79	24	0
3	QPSK	1	8	22.64	22.90	22.87		
3	QPSK	1	14	22.55	22.87	22.85		
3	QPSK	8	0	21.80	21.94	21.85	23	1
3	QPSK	8	4	21.56	21.80	21.80		
3	QPSK	8	7	21.49	21.63	21.85		
3	QPSK	15	0	21.60	21.99	21.78		
3	16QAM	1	0	21.72	21.94	22.03	23	1
3	16QAM	1	8	21.80	21.77	21.92		
3	16QAM	1	14	21.55	21.85	22.05		
3	16QAM	8	0	20.66	20.80	20.93	22	2
3	16QAM	8	4	20.68	20.86	20.94		
3	16QAM	8	7	20.55	20.74	20.96		
3	16QAM	15	0	20.82	20.95	21.21		
3	64QAM	1	0	20.81	20.85	20.82	22	2
3	64QAM	1	8	20.79	20.89	20.86		
3	64QAM	1	14	20.71	20.84	20.87		
3	64QAM	8	0	19.84	19.93	20.02	21	3
3	64QAM	8	4	19.94	19.88	19.57		
3	64QAM	8	7	20.00	19.94	19.70		
3	64QAM	15	0	19.87	19.98	20.11		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.65	22.85	22.76	24	0
1.4	QPSK	1	3	22.77	22.87	22.83		
1.4	QPSK	1	5	22.70	22.71	22.89		
1.4	QPSK	3	0	22.76	22.87	22.71		
1.4	QPSK	3	1	22.51	22.74	22.85		
1.4	QPSK	3	3	22.44	22.56	22.87		
1.4	QPSK	6	0	21.48	21.96	21.83	23	1
1.4	16QAM	1	0	21.75	21.93	22.06	23	1
1.4	16QAM	1	3	21.59	21.84	22.08		
1.4	16QAM	1	5	21.73	21.93	22.02		
1.4	16QAM	3	0	21.61	21.85	21.89		
1.4	16QAM	3	1	21.73	21.93	22.09		
1.4	16QAM	3	3	21.87	21.88	21.85		
1.4	16QAM	6	0	20.85	20.86	21.22	22	2
1.4	64QAM	1	0	20.84	20.90	21.02	22	2
1.4	64QAM	1	3	20.78	20.93	21.18		
1.4	64QAM	1	5	20.89	20.89	21.23		
1.4	64QAM	3	0	20.83	20.86	21.18		
1.4	64QAM	3	1	20.81	20.89	21.12		
1.4	64QAM	3	3	20.82	20.95	21.14		
1.4	64QAM	6	0	19.81	19.95	20.25	21	3

Band 38 Ant4 DSI2 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				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	24.19	24.30	24.21	25.5	0
20	QPSK	1	49	24.21	24.24	24.27		
20	QPSK	1	99	24.19	24.28	24.24		
20	QPSK	50	0	23.16	23.29	23.18	24.5	1
20	QPSK	50	24	23.39	23.41	23.03		
20	QPSK	50	50	23.15	23.08	23.30		
20	QPSK	100	0	23.09	23.24	23.20		
20	16QAM	1	0	23.11	23.17	23.14	24.5	1
20	16QAM	1	49	23.36	23.24	23.27		
20	16QAM	1	99	23.15	23.11	23.09		
20	16QAM	50	0	22.08	22.06	22.13	23.5	2
20	16QAM	50	24	22.22	22.21	22.21		
20	16QAM	50	50	22.21	22.08	22.05		
20	16QAM	100	0	22.20	22.08	21.89		
20	64QAM	1	0	22.01	22.22	22.19	23.5	2
20	64QAM	1	49	22.30	22.38	22.31		
20	64QAM	1	99	22.37	22.28	22.13		
20	64QAM	50	0	21.21	21.21	21.06	22.5	3
20	64QAM	50	24	21.07	21.34	21.19		
20	64QAM	50	50	21.01	21.09	21.02		
20	64QAM	100	0	21.30	21.15	21.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	24.28	24.25	24.25	25.5	0
15	QPSK	1	37	24.27	24.24	24.16		
15	QPSK	1	74	24.28	24.29	24.22		
15	QPSK	36	0	23.26	23.16	23.26	24.5	1
15	QPSK	36	20	23.30	23.27	23.23		
15	QPSK	36	39	23.25	23.23	23.24		
15	QPSK	75	0	23.34	23.34	23.27		
15	16QAM	1	0	23.27	23.16	23.15	24.5	1
15	16QAM	1	37	23.30	23.38	23.36		
15	16QAM	1	74	23.26	23.26	23.15		
15	16QAM	36	0	22.25	22.18	22.15	23.5	2
15	16QAM	36	20	22.22	22.26	22.20		
15	16QAM	36	39	22.39	22.14	22.26		
15	16QAM	75	0	22.26	22.23	22.31		
15	64QAM	1	0	22.21	22.17	22.30	23.5	2
15	64QAM	1	37	22.30	22.40	22.36		
15	64QAM	1	74	22.35	22.33	22.30		
15	64QAM	36	0	21.16	21.11	21.09	22.5	3
15	64QAM	36	20	21.20	21.24	21.07		
15	64QAM	36	39	21.09	21.06	21.14		
15	64QAM	75	0	21.20	21.02	21.25		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	24.19	24.13	23.98	25.5	0
10	QPSK	1	25	24.22	24.17	24.22		
10	QPSK	1	49	24.21	24.21	24.09		
10	QPSK	25	0	23.09	23.17	23.09	24.5	1
10	QPSK	25	12	23.08	23.11	23.07		
10	QPSK	25	25	23.05	23.06	23.04		
10	QPSK	50	0	23.19	23.11	23.01		
10	16QAM	1	0	23.11	23.02	23.00	24.5	1
10	16QAM	1	25	23.04	23.18	23.10		
10	16QAM	1	49	22.95	22.97	23.06		
10	16QAM	25	0	22.19	22.17	22.13	23.5	2
10	16QAM	25	12	22.17	22.08	22.08		
10	16QAM	25	25	22.12	22.12	22.08		
10	16QAM	50	0	22.19	22.15	22.04		
10	64QAM	1	0	22.05	22.01	21.98	23.5	2
10	64QAM	1	25	22.12	22.14	22.14		
10	64QAM	1	49	22.09	22.18	22.10		
10	64QAM	25	0	21.30	21.08	21.11	22.5	3
10	64QAM	25	12	21.00	21.01	21.03		
10	64QAM	25	25	20.95	20.97	21.10		
10	64QAM	50	0	21.13	20.93	21.09		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	24.18	24.19	24.21	25.5	0
5	QPSK	1	12	24.28	24.28	24.24		
5	QPSK	1	24	24.18	24.18	24.09		
5	QPSK	12	0	23.14	23.16	23.11	24.5	1
5	QPSK	12	7	23.27	23.11	23.13		
5	QPSK	12	13	23.07	23.00	23.06		
5	QPSK	25	0	23.03	23.09	23.06		
5	16QAM	1	0	23.11	23.09	23.10	24.5	1
5	16QAM	1	12	23.22	23.05	23.06		
5	16QAM	1	24	22.97	23.07	22.96		
5	16QAM	12	0	22.09	22.00	22.03	23.5	2
5	16QAM	12	7	21.98	21.98	21.86		
5	16QAM	12	13	22.11	21.93	21.93		
5	16QAM	25	0	22.12	22.14	22.08		
5	64QAM	1	0	22.30	22.13	22.07	23.5	2
5	64QAM	1	12	22.18	22.28	22.40		
5	64QAM	1	24	22.15	22.28	22.03		
5	64QAM	12	0	21.27	21.23	21.04	22.5	3
5	64QAM	12	7	21.14	21.06	21.13		
5	64QAM	12	13	21.01	20.97	20.96		
5	64QAM	25	0	21.18	21.02	21.07		

Band 41 Ant4 DSI2 Default power

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.06	24.00	24.32	24.22	24.26	25.5	0
20	QPSK	1	49	23.96	24.07	24.31	24.05	24.25		
20	QPSK	1	99	23.92	24.08	24.24	24.09	24.30		
20	QPSK	50	0	22.87	23.02	23.25	22.84	23.22	24.5	1
20	QPSK	50	24	22.88	22.93	23.07	23.16	23.16		
20	QPSK	50	50	22.84	22.94	23.24	23.09	23.16		
20	QPSK	100	0	22.89	23.08	23.15	22.93	23.05		
20	16QAM	1	0	23.13	23.22	23.15	23.34	23.42	24.5	1
20	16QAM	1	49	23.38	23.18	23.41	23.39	23.44		
20	16QAM	1	99	23.26	23.37	23.54	23.32	23.38		
20	16QAM	50	0	22.22	22.39	22.23	22.50	22.54	23.5	2
20	16QAM	50	24	22.34	22.32	22.61	22.39	22.50		
20	16QAM	50	50	22.30	22.47	22.56	22.29	22.44		
20	16QAM	100	0	22.16	22.29	22.60	22.62	22.66		
20	64QAM	1	0	22.25	22.30	22.34	22.38	22.66	23.5	2
20	64QAM	1	49	22.23	22.49	22.50	22.58	22.63		
20	64QAM	1	99	22.30	22.55	22.52	22.44	22.57		
20	64QAM	50	0	21.16	21.08	21.31	21.21	21.46	22.5	3
20	64QAM	50	24	21.17	21.32	21.16	21.42	21.24		
20	64QAM	50	50	21.14	21.17	21.23	21.24	21.30		
20	64QAM	100	0	21.14	21.35	21.47	21.42	21.43		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.82	23.80	24.12	24.04	24.16	25.50	0
15	QPSK	1	37	23.88	23.95	24.22	24.20	24.15		
15	QPSK	1	74	23.87	23.90	24.12	24.00	24.21		
15	QPSK	36	0	22.80	22.84	23.15	23.06	23.06	24.5	1
15	QPSK	36	20	22.95	22.90	23.04	23.12	23.11		
15	QPSK	36	39	22.79	22.88	23.19	23.06	23.09		
15	QPSK	75	0	22.96	22.88	23.10	23.00	23.07		
15	16QAM	1	0	22.83	22.98	22.99	23.13	23.12	24.5	1
15	16QAM	1	37	22.81	22.99	23.27	23.24	23.25		
15	16QAM	1	74	22.91	23.22	23.05	22.94	23.19		
15	16QAM	36	0	21.73	21.78	22.08	21.97	21.98	23.5	2
15	16QAM	36	20	21.96	21.97	22.10	21.97	22.01		
15	16QAM	36	39	21.81	21.95	22.10	21.92	22.11		
15	16QAM	75	0	21.83	21.84	22.13	21.92	22.02		
15	64QAM	1	0	21.92	21.77	22.13	22.17	22.04	23.5	2
15	64QAM	1	37	21.88	22.00	22.06	22.09	21.99		
15	64QAM	1	74	21.88	21.96	22.14	22.12	22.11		
15	64QAM	36	0	20.89	20.91	21.26	20.94	21.04	22.5	3
15	64QAM	36	20	20.96	20.86	21.20	21.14	21.20		
15	64QAM	36	39	20.85	20.93	21.08	20.97	20.93		
15	64QAM	75	0	20.86	20.79	20.97	21.16	21.05		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.84	23.90	24.18	24.18	24.20	25.50	0
10	QPSK	1	25	24.08	24.00	24.22	24.13	24.20		
10	QPSK	1	49	23.96	24.01	24.23	24.15	24.22		
10	QPSK	25	0	22.99	23.16	23.11	23.05	23.17	24.5	1
10	QPSK	25	12	22.97	23.04	23.08	23.31	23.26		
10	QPSK	25	25	22.97	22.99	23.10	23.11	23.13		
10	QPSK	50	0	22.89	23.05	23.15	23.02	23.18		
10	16QAM	1	0	22.93	23.29	23.02	22.87	23.27	24.5	1
10	16QAM	1	25	22.98	23.11	23.22	23.14	23.30		
10	16QAM	1	49	22.87	23.03	23.07	22.96	23.11		
10	16QAM	25	0	21.97	21.98	22.21	22.04	22.16	23.5	2
10	16QAM	25	12	21.96	22.00	22.16	22.20	22.22		
10	16QAM	25	25	22.03	22.08	22.14	22.09	22.21		
10	16QAM	50	0	21.79	21.88	22.28	22.05	22.19		
10	64QAM	1	0	22.09	22.02	22.15	22.13	22.01	23.5	2
10	64QAM	1	25	22.00	21.96	22.21	22.10	22.22		
10	64QAM	1	49	21.92	21.98	22.12	22.15	22.15		
10	64QAM	25	0	20.96	21.06	21.05	21.07	21.12	22.5	3
10	64QAM	25	12	20.96	20.86	21.24	21.08	21.09		
10	64QAM	25	25	20.98	21.16	21.29	21.04	21.11		
10	64QAM	50	0	20.79	20.83	21.07	21.12	21.15		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.70	23.83	23.98	23.96	23.97	25.50	0
5	QPSK	1	12	23.98	24.06	24.06	24.12	24.14		
5	QPSK	1	24	24.05	24.00	24.03	23.98	24.17		
5	QPSK	12	0	22.60	22.70	22.93	22.83	22.79	24.5	1
5	QPSK	12	7	22.77	22.71	23.07	22.99	23.00		
5	QPSK	12	13	22.63	22.87	22.94	22.72	22.87		
5	QPSK	25	0	22.67	22.66	22.84	23.05	22.83		
5	16QAM	1	0	22.74	22.85	22.99	22.82	22.93	24.5	1
5	16QAM	1	12	22.86	22.94	23.02	22.93	23.01		
5	16QAM	1	24	23.09	23.13	22.95	22.90	22.99		
5	16QAM	12	0	21.57	21.85	22.02	21.88	21.95	23.5	2
5	16QAM	12	7	21.65	21.82	21.83	21.79	21.72		
5	16QAM	12	13	21.78	21.59	22.06	21.88	21.76		
5	16QAM	25	0	21.63	21.71	22.04	22.01	21.77		
5	64QAM	1	0	21.88	21.79	21.93	21.91	21.90	23.5	2
5	64QAM	1	12	21.72	22.10	22.15	22.04	22.06		
5	64QAM	1	24	21.94	22.08	21.87	22.05	22.16		
5	64QAM	12	0	21.07	21.04	21.06	21.10	21.07	22.5	3
5	64QAM	12	7	21.09	21.25	21.23	21.21	21.25		
5	64QAM	12	13	21.15	21.23	21.12	21.29	21.14		
5	64QAM	25	0	21.18	21.07	21.15	21.13	21.18		

Reduced power level for WWAN

		WCDMA V Ant0 DSI3			
Band		WCDMA V			Tune-up Limit (dBm)
TX Channel		4132	4182	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	24.08	24.10	24.10	25.00
3GPP Rel 99	RMC 12.2Kbps	24.16	24.37	24.30	25.00
3GPP Rel 6	HSDPA Subtest-1	23.05	23.47	23.36	24.00
3GPP Rel 6	HSDPA Subtest-2	23.16	23.28	23.35	24.00
3GPP Rel 6	HSDPA Subtest-3	22.71	22.97	22.85	23.50
3GPP Rel 6	HSDPA Subtest-4	22.65	22.86	22.80	23.50
3GPP Rel 8	DC-HSDPA Subtest-1	23.14	23.36	23.25	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	23.27	23.41	23.36	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.66	22.85	22.70	23.50
3GPP Rel 8	DC-HSDPA Subtest-4	22.61	22.88	22.85	23.50
3GPP Rel 6	HSUPA Subtest-1	23.06	23.36	23.36	24.00
3GPP Rel 6	HSUPA Subtest-2	21.15	21.44	21.33	22.50
3GPP Rel 6	HSUPA Subtest-3	22.05	22.34	22.36	23.50
3GPP Rel 6	HSUPA Subtest-4	21.16	21.29	21.24	22.50
3GPP Rel 6	HSUPA Subtest-5	23.28	23.30	23.26	24.50

Band 5 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.21	23.35	23.34	24	0
10	QPSK	1	25	23.24	23.22	23.12		
10	QPSK	1	49	23.16	23.14	23.25		
10	QPSK	25	0	23.09	23.14	23.11	24	0
10	QPSK	25	12	23.09	23.03	23.10		
10	QPSK	25	25	23.13	23.06	23.02		
10	QPSK	50	0	23.08	23.16	23.11		
10	16QAM	1	0	23.34	23.26	23.27	24	0
10	16QAM	1	25	23.29	23.27	23.31		
10	16QAM	1	49	23.27	23.28	23.26		
10	16QAM	25	0	22.88	22.79	22.87	23	1
10	16QAM	25	12	22.90	22.88	22.84		
10	16QAM	25	25	22.85	22.81	22.81		
10	16QAM	50	0	22.07	22.08	22.03		
10	64QAM	1	0	23.00	22.93	22.91	23	1
10	64QAM	1	25	22.63	22.95	22.95		
10	64QAM	1	49	22.88	22.98	22.89		
10	64QAM	25	0	21.90	21.89	21.95	22	2
10	64QAM	25	12	21.95	21.99	21.98		
10	64QAM	25	25	21.76	21.89	21.88		
10	64QAM	50	0	21.78	21.81	21.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.10	23.07	23.05	24	0
5	QPSK	1	12	23.18	23.08	22.91		
5	QPSK	1	24	23.15	23.05	22.92		
5	QPSK	12	0	23.12	23.00	23.06	24	0
5	QPSK	12	7	23.11	22.97	23.02		
5	QPSK	12	13	23.06	23.01	23.00		
5	QPSK	25	0	23.10	22.95	22.86		
5	16QAM	1	0	23.25	23.22	23.21	24	0
5	16QAM	1	12	23.29	23.32	23.01		
5	16QAM	1	24	23.28	23.21	23.18		
5	16QAM	12	0	22.35	22.24	22.23	23	1
5	16QAM	12	7	22.34	22.26	22.25		
5	16QAM	12	13	22.30	22.14	22.17		
5	16QAM	25	0	22.40	22.15	22.28		
5	64QAM	1	0	22.79	22.70	22.76	23	1
5	64QAM	1	12	22.54	22.86	22.69		
5	64QAM	1	24	22.59	22.70	22.75		
5	64QAM	12	0	21.76	21.72	21.74	22	2
5	64QAM	12	7	21.71	21.81	21.71		
5	64QAM	12	13	21.56	21.61	21.76		
5	64QAM	25	0	21.66	21.58	21.82		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.99	22.98	22.89	24	0
3	QPSK	1	8	23.02	23.02	22.98		
3	QPSK	1	14	23.02	23.04	22.90		
3	QPSK	8	0	22.96	23.11	22.90	24	0
3	QPSK	8	4	23.07	23.13	23.06		
3	QPSK	8	7	23.02	23.05	23.06		
3	QPSK	15	0	23.08	23.06	23.06		
3	16QAM	1	0	23.28	23.03	23.23	24	0
3	16QAM	1	8	23.28	23.28	23.24		
3	16QAM	1	14	23.34	23.32	23.14		
3	16QAM	8	0	22.10	22.29	22.35	23	1
3	16QAM	8	4	22.41	22.34	22.37		
3	16QAM	8	7	22.43	22.31	22.24		
3	16QAM	15	0	22.37	22.46	22.34		
3	64QAM	1	0	22.88	22.72	22.67	23	1
3	64QAM	1	8	22.51	22.82	22.77		
3	64QAM	1	14	22.73	22.72	22.71		
3	64QAM	8	0	21.69	21.75	21.76	22	2
3	64QAM	8	4	21.69	21.74	21.77		
3	64QAM	8	7	21.57	21.80	21.69		
3	64QAM	15	0	21.56	21.60	21.82		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.94	23.00	23.03	24	0
1.4	QPSK	1	3	23.26	23.07	23.01		
1.4	QPSK	1	5	22.91	22.98	23.01		
1.4	QPSK	3	0	23.10	23.07	23.07		
1.4	QPSK	3	1	22.97	23.13	22.99		
1.4	QPSK	3	3	23.05	23.09	23.00		
1.4	QPSK	6	0	23.09	23.11	22.98	24	0
1.4	16QAM	1	0	23.27	23.29	23.29	24	0
1.4	16QAM	1	3	23.21	23.34	23.30		
1.4	16QAM	1	5	23.33	23.28	23.29		
1.4	16QAM	3	0	22.30	22.34	22.27		
1.4	16QAM	3	1	22.28	22.34	22.36		
1.4	16QAM	3	3	22.57	22.33	22.34		
1.4	16QAM	6	0	22.17	22.31	22.33	23	1
1.4	64QAM	1	0	22.88	22.75	22.78	23	1
1.4	64QAM	1	3	22.41	22.81	22.70		
1.4	64QAM	1	5	22.67	22.84	22.74		
1.4	64QAM	3	0	21.79	21.62	21.86		
1.4	64QAM	3	1	21.81	21.78	21.84		
1.4	64QAM	3	3	21.64	21.65	21.72		
1.4	64QAM	6	0	21.47	21.50	21.78	22	2

Band 5 Ant0 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20450	20525	20600		
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0	23.21	23.35	23.34	24	0
10	QPSK	1	25	23.24	23.22	23.12		
10	QPSK	1	49	23.16	23.14	23.25		
10	QPSK	25	0	23.09	23.14	23.11	24	0
10	QPSK	25	12	23.09	23.03	23.10		
10	QPSK	25	25	23.13	23.06	23.02		
10	QPSK	50	0	23.08	23.16	23.11		
10	16QAM	1	0	23.34	23.26	23.27	24	0
10	16QAM	1	25	23.29	23.27	23.31		
10	16QAM	1	49	23.27	23.28	23.26		
10	16QAM	25	0	22.88	22.79	22.87	23	1
10	16QAM	25	12	22.90	22.88	22.84		
10	16QAM	25	25	22.85	22.81	22.81		
10	16QAM	50	0	22.07	22.08	22.03		
10	64QAM	1	0	23.00	22.93	22.91	23	1
10	64QAM	1	25	22.63	22.95	22.95		
10	64QAM	1	49	22.88	22.98	22.89		
10	64QAM	25	0	21.90	21.89	21.95	22	2
10	64QAM	25	12	21.95	21.99	21.98		
10	64QAM	25	25	21.76	21.89	21.88		
10	64QAM	50	0	21.78	21.81	21.99		
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	0	23.10	23.07	23.05	24	0
5	QPSK	1	12	23.18	23.08	22.91		
5	QPSK	1	24	23.15	23.05	22.92		
5	QPSK	12	0	23.12	23.00	23.06	24	0
5	QPSK	12	7	23.11	22.97	23.02		
5	QPSK	12	13	23.06	23.01	23.00		
5	QPSK	25	0	23.10	22.95	22.86		
5	16QAM	1	0	23.25	23.22	23.21	24	0
5	16QAM	1	12	23.29	23.32	23.01		
5	16QAM	1	24	23.28	23.21	23.18		
5	16QAM	12	0	22.35	22.24	22.23	23	1
5	16QAM	12	7	22.34	22.26	22.25		
5	16QAM	12	13	22.30	22.14	22.17		
5	16QAM	25	0	22.40	22.15	22.28		
5	64QAM	1	0	22.79	22.70	22.76	23	1
5	64QAM	1	12	22.54	22.86	22.69		
5	64QAM	1	24	22.59	22.70	22.75		
5	64QAM	12	0	21.76	21.72	21.74	22	2
5	64QAM	12	7	21.71	21.81	21.71		
5	64QAM	12	13	21.56	21.61	21.76		
5	64QAM	25	0	21.66	21.58	21.82		
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				825.5	836.5	847.5		
3	QPSK	1	0	22.99	22.98	22.89	24	0
3	QPSK	1	8	23.02	23.02	22.98		
3	QPSK	1	14	23.02	23.04	22.90		
3	QPSK	8	0	22.96	23.11	22.90	24	0
3	QPSK	8	4	23.07	23.13	23.06		
3	QPSK	8	7	23.02	23.05	23.06		
3	QPSK	15	0	23.08	23.06	23.06		
3	16QAM	1	0	23.28	23.03	23.23	24	0
3	16QAM	1	8	23.28	23.28	23.24		
3	16QAM	1	14	23.34	23.32	23.14		
3	16QAM	8	0	22.10	22.29	22.35	23	1
3	16QAM	8	4	22.41	22.34	22.37		
3	16QAM	8	7	22.43	22.31	22.24		
3	16QAM	15	0	22.37	22.46	22.34		
3	64QAM	1	0	22.88	22.72	22.67	23	1
3	64QAM	1	8	22.51	22.82	22.77		
3	64QAM	1	14	22.73	22.72	22.71		
3	64QAM	8	0	21.69	21.75	21.76	22	2
3	64QAM	8	4	21.69	21.74	21.77		
3	64QAM	8	7	21.57	21.80	21.69		
3	64QAM	15	0	21.56	21.60	21.82		
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				824.7	836.5	848.3		
1.4	QPSK	1	0	22.94	23.00	23.03	24	0
1.4	QPSK	1	3	23.26	23.07	23.01		
1.4	QPSK	1	5	22.91	22.98	23.01		
1.4	QPSK	3	0	23.10	23.07	23.07		
1.4	QPSK	3	1	22.97	23.13	22.99		
1.4	QPSK	3	3	23.05	23.09	23.00		
1.4	QPSK	6	0	23.09	23.11	22.98	24	0
1.4	16QAM	1	0	23.27	23.29	23.29	24	0
1.4	16QAM	1	3	23.21	23.34	23.30		
1.4	16QAM	1	5	23.33	23.28	23.29		
1.4	16QAM	3	0	22.30	22.34	22.27		
1.4	16QAM	3	1	22.28	22.34	22.36		
1.4	16QAM	3	3	22.57	22.33	22.34		
1.4	16QAM	6	0	22.17	22.31	22.33	23	1
1.4	64QAM	1	0	22.88	22.75	22.78	23	1
1.4	64QAM	1	3	22.41	22.81	22.70		
1.4	64QAM	1	5	22.67	22.84	22.74		
1.4	64QAM	3	0	21.79	21.62	21.86		
1.4	64QAM	3	1	21.81	21.78	21.84		
1.4	64QAM	3	3	21.64	21.65	21.72		
1.4	64QAM	6	0	21.47	21.50	21.78	22	2

Band 7 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.35	16.57	16.27	17.5	0
20	QPSK	1	49	16.19	16.39	16.21		
20	QPSK	1	99	16.22	16.26	16.16		
20	QPSK	50	0	16.32	16.33	16.11	17.5	0
20	QPSK	50	24	16.01	16.07	15.92		
20	QPSK	50	50	16.06	16.03	15.87		
20	QPSK	100	0	16.05	16.34	16.12		
20	16QAM	1	0	16.16	16.32	16.12	17.5	0
20	16QAM	1	49	16.03	16.22	16.01		
20	16QAM	1	99	16.00	16.08	15.92		
20	16QAM	50	0	16.13	16.11	15.86	17.5	0
20	16QAM	50	24	15.85	15.91	15.68		
20	16QAM	50	50	15.89	15.82	15.72		
20	16QAM	100	0	15.81	16.09	15.89		
20	64QAM	1	0	16.17	16.40	16.07	17.5	0
20	64QAM	1	49	15.95	16.20	15.98		
20	64QAM	1	99	15.98	16.06	15.91		
20	64QAM	50	0	16.14	16.14	15.91	17.5	0
20	64QAM	50	24	15.81	15.84	15.69		
20	64QAM	50	50	15.86	15.79	15.69		
20	64QAM	100	0	15.87	16.18	15.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.22	16.43	16.25	17.5	0
15	QPSK	1	37	16.04	16.20	16.08		
15	QPSK	1	74	16.08	16.04	16.04		
15	QPSK	36	0	16.13	16.13	16.07	17.5	0
15	QPSK	36	20	15.94	15.99	15.91		
15	QPSK	36	39	15.86	16.04	15.87		
15	QPSK	75	0	16.01	16.33	16.06		
15	16QAM	1	0	16.00	16.13	16.07	17.5	0
15	16QAM	1	37	16.01	16.03	15.84		
15	16QAM	1	74	15.86	16.00	15.79		
15	16QAM	36	0	16.03	15.92	15.86	17.5	0
15	16QAM	36	20	15.71	15.88	16.00		
15	16QAM	36	39	15.79	15.69	15.62		
15	16QAM	75	0	15.80	16.02	15.91		
15	64QAM	1	0	16.19	16.31	15.99	17.5	0
15	64QAM	1	37	15.91	16.12	15.84		
15	64QAM	1	74	15.91	15.97	15.89		
15	64QAM	36	0	15.97	16.05	15.90	17.5	0
15	64QAM	36	20	15.71	15.85	15.66		
15	64QAM	36	39	15.73	15.80	15.68		
15	64QAM	75	0	15.84	16.10	15.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.15	16.45	16.14	17.5	0
10	QPSK	1	25	16.06	16.18	16.05		
10	QPSK	1	49	16.08	16.06	16.05		
10	QPSK	25	0	16.11	16.30	16.11	17.5	0
10	QPSK	25	12	16.01	16.08	15.86		
10	QPSK	25	25	16.07	16.02	15.84		
10	QPSK	50	0	15.90	16.17	16.03		
10	16QAM	1	0	16.00	16.14	15.90	17.5	0
10	16QAM	1	25	16.02	16.08	16.02		
10	16QAM	1	49	15.89	16.05	15.74		
10	16QAM	25	0	16.06	16.01	15.69	17.5	0
10	16QAM	25	12	15.65	15.92	16.00		
10	16QAM	25	25	15.71	15.79	16.00		
10	16QAM	50	0	15.79	16.04	15.87		
10	64QAM	1	0	16.10	16.35	16.03	17.5	0
10	64QAM	1	25	15.95	16.06	16.00		
10	64QAM	1	49	16.00	15.89	16.00		
10	64QAM	25	0	16.02	16.06	15.91	17.5	0
10	64QAM	25	12	15.72	15.83	15.68		
10	64QAM	25	25	15.76	15.63	15.65		
10	64QAM	50	0	15.86	15.97	15.79		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.34	16.46	16.23	17.5	0
5	QPSK	1	12	16.10	16.20	16.08		
5	QPSK	1	24	16.21	16.19	16.05		
5	QPSK	12	0	16.11	16.14	16.04	17.5	0
5	QPSK	12	7	15.88	15.96	15.71		
5	QPSK	12	13	15.95	15.98	15.85		
5	QPSK	25	0	15.97	16.30	16.12		
5	16QAM	1	0	16.18	16.11	15.94	17.5	0
5	16QAM	1	12	15.99	16.15	15.85		
5	16QAM	1	24	15.94	15.92	15.84		
5	16QAM	12	0	16.13	15.93	15.73	17.5	0
5	16QAM	12	7	15.66	15.79	16.00		
5	16QAM	12	13	15.90	15.78	15.66		
5	16QAM	25	0	15.68	16.00	15.84		
5	64QAM	1	0	16.07	16.23	16.03	17.5	0
5	64QAM	1	12	15.82	16.02	15.85		
5	64QAM	1	24	15.93	16.04	15.91		
5	64QAM	12	0	16.00	16.05	15.85	17.5	0
5	64QAM	12	7	15.74	15.83	15.62		
5	64QAM	12	13	15.84	15.79	15.59		
5	64QAM	25	0	15.67	15.99	15.72		

Band 7 Ant0 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.07	13.22	13.21	14.5	0
20	QPSK	1	49	13.18	13.11	13.08		
20	QPSK	1	99	12.87	12.95	13.00		
20	QPSK	50	0	12.84	13.20	12.98	14.5	0
20	QPSK	50	24	13.18	13.16	13.00		
20	QPSK	50	50	13.01	13.01	13.05		
20	QPSK	100	0	12.98	13.05	12.89		
20	16QAM	1	0	12.85	12.87	12.82	14.5	0
20	16QAM	1	49	12.89	12.97	12.93		
20	16QAM	1	99	13.01	12.94	12.84		
20	16QAM	50	0	13.05	13.05	12.94	14.5	0
20	16QAM	50	24	12.94	13.05	13.12		
20	16QAM	50	50	13.10	13.14	13.04		
20	16QAM	100	0	12.82	12.97	12.99		
20	64QAM	1	0	12.94	13.03	12.88	14.5	0
20	64QAM	1	49	13.10	13.20	13.10		
20	64QAM	1	99	12.93	12.95	12.85		
20	64QAM	50	0	13.08	13.02	12.96	14.5	0
20	64QAM	50	24	13.11	13.20	13.14		
20	64QAM	50	50	12.91	12.96	12.96		
20	64QAM	100	0	12.93	12.95	12.90		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.04	13.11	13.11	14.5	0
15	QPSK	1	37	13.13	13.14	13.05		
15	QPSK	1	74	12.90	12.85	13.05		
15	QPSK	36	0	12.79	12.92	12.95	14.5	0
15	QPSK	36	20	13.12	13.10	13.13		
15	QPSK	36	39	12.86	13.07	12.99		
15	QPSK	75	0	12.90	13.03	12.89		
15	16QAM	1	0	12.69	12.89	12.86	14.5	0
15	16QAM	1	37	12.76	13.00	12.76		
15	16QAM	1	74	12.89	12.80	12.86		
15	16QAM	36	0	13.02	13.03	12.96	14.5	0
15	16QAM	36	20	12.92	13.03	13.04		
15	16QAM	36	39	13.02	13.01	12.89		
15	16QAM	75	0	12.78	12.99	12.96		
15	64QAM	1	0	12.84	13.07	12.89	14.5	0
15	64QAM	1	37	13.15	13.09	13.07		
15	64QAM	1	74	12.78	12.98	12.91		
15	64QAM	36	0	13.14	13.03	12.97	14.5	0
15	64QAM	36	20	12.98	13.20	13.06		
15	64QAM	36	39	12.84	12.89	12.82		
15	64QAM	75	0	12.84	12.95	12.80		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	12.95	13.08	13.19	14.5	0
10	QPSK	1	25	13.15	13.10	13.11		
10	QPSK	1	49	12.92	12.87	12.92		
10	QPSK	25	0	12.82	13.07	12.82	14.5	0
10	QPSK	25	12	13.01	13.00	13.03		
10	QPSK	25	25	12.95	12.91	13.11		
10	QPSK	50	0	13.04	13.00	12.89		
10	16QAM	1	0	12.73	12.91	12.81	14.5	0
10	16QAM	1	25	12.78	13.00	12.78		
10	16QAM	1	49	13.01	12.83	12.75		
10	16QAM	25	0	12.89	12.92	12.98	14.5	0
10	16QAM	25	12	12.95	12.99	13.09		
10	16QAM	25	25	13.06	13.04	13.06		
10	16QAM	50	0	12.79	12.91	12.98		
10	64QAM	1	0	13.00	12.99	12.85	14.5	0
10	64QAM	1	25	12.98	12.99	13.11		
10	64QAM	1	49	12.90	12.84	12.92		
10	64QAM	25	0	13.09	12.91	12.87	14.5	0
10	64QAM	25	12	12.94	13.17	13.03		
10	64QAM	25	25	12.85	12.91	12.91		
10	64QAM	50	0	12.99	12.93	12.94		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.10	13.06	13.12	14.5	0
5	QPSK	1	12	13.10	13.13	12.94		
5	QPSK	1	24	12.76	12.98	12.91		
5	QPSK	12	0	12.74	12.99	13.00	14.5	0
5	QPSK	12	7	13.08	13.01	13.10		
5	QPSK	12	13	12.93	13.01	12.99		
5	QPSK	25	0	12.92	12.93	12.85		
5	16QAM	1	0	12.80	12.86	12.82	14.5	0
5	16QAM	1	12	12.76	12.97	12.98		
5	16QAM	1	24	12.99	12.99	12.80		
5	16QAM	12	0	13.04	13.04	12.78	14.5	0
5	16QAM	12	7	12.90	12.91	13.02		
5	16QAM	12	13	13.00	12.98	13.05		
5	16QAM	25	0	12.84	13.03	12.95		
5	64QAM	1	0	12.79	13.09	12.77	14.5	0
5	64QAM	1	12	13.02	13.20	12.98		
5	64QAM	1	24	12.94	12.83	12.88		
5	64QAM	12	0	12.99	13.00	12.80	14.5	0
5	64QAM	12	7	13.12	13.15	13.14		
5	64QAM	12	13	12.95	12.84	12.89		
5	64QAM	25	0	12.95	13.01	12.87		

Band 7 Ant0 DSI2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	21.21	21.27	21.18	22	0
20	QPSK	1	49	21.17	21.05	21.04		
20	QPSK	1	99	20.94	21.06	20.95		
20	QPSK	50	0	21.21	21.26	21.17	22	0
20	QPSK	50	24	21.18	21.11	20.96		
20	QPSK	50	50	21.08	20.92	21.22		
20	QPSK	100	0	20.94	21.03	20.92		
20	16QAM	1	0	20.97	20.78	21.00	22	0
20	16QAM	1	49	20.89	21.04	20.85		
20	16QAM	1	99	21.09	20.83	20.87		
20	16QAM	50	0	21.10	20.92	21.03	22	0
20	16QAM	50	24	20.84	20.94	21.14		
20	16QAM	50	50	21.13	21.01	21.05		
20	16QAM	100	0	20.74	20.87	21.02		
20	64QAM	1	0	20.82	20.91	21.09	22	0
20	64QAM	1	49	21.17	21.04	20.98		
20	64QAM	1	99	20.84	21.17	20.86		
20	64QAM	50	0	21.05	21.02	21.01	22	0
20	64QAM	50	24	21.23	21.16	21.16		
20	64QAM	50	50	21.08	21.05	20.83		
20	64QAM	100	0	20.77	20.94	21.02		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	20.92	21.06	21.19	22	0
15	QPSK	1	37	21.01	21.04	20.87		
15	QPSK	1	74	20.78	20.97	20.95		
15	QPSK	36	0	21.10	21.13	20.65	22	0
15	QPSK	36	20	21.09	21.11	20.86		
15	QPSK	36	39	20.94	20.92	21.01		
15	QPSK	75	0	20.91	20.85	20.92		
15	16QAM	1	0	20.82	20.66	20.86	22	0
15	16QAM	1	37	20.72	20.86	20.67		
15	16QAM	1	74	21.02	20.64	20.84		
15	16QAM	36	0	21.06	20.81	20.91	22	0
15	16QAM	36	20	20.67	20.86	21.03		
15	16QAM	36	39	21.05	20.81	20.87		
15	16QAM	75	0	20.73	20.83	20.97		
15	64QAM	1	0	20.68	20.82	21.07	22	0
15	64QAM	1	37	21.05	20.86	20.89		
15	64QAM	1	74	20.82	21.07	20.89		
15	64QAM	36	0	20.88	20.82	20.97	22	0
15	64QAM	36	20	21.07	20.94	20.95		
15	64QAM	36	39	20.93	21.00	20.66		
15	64QAM	75	0	20.62	20.76	20.94		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	20.77	21.13	21.02	22	0
10	QPSK	1	25	21.17	20.93	20.97		
10	QPSK	1	49	20.91	20.87	20.76		
10	QPSK	25	0	20.89	21.09	20.78	22	0
10	QPSK	25	12	21.16	20.97	20.93		
10	QPSK	25	25	21.07	20.81	21.02		
10	QPSK	50	0	20.95	20.98	20.72		
10	16QAM	1	0	20.93	20.66	20.89	22	0
10	16QAM	1	25	20.83	21.00	20.73		
10	16QAM	1	49	20.91	20.66	20.85		
10	16QAM	25	0	21.09	20.73	20.88	22	0
10	16QAM	25	12	20.70	20.73	21.04		
10	16QAM	25	25	20.94	20.92	20.89		
10	16QAM	50	0	20.55	20.73	20.89		
10	64QAM	1	0	20.83	20.71	20.97	22	0
10	64QAM	1	25	21.05	21.05	20.79		
10	64QAM	1	49	20.77	21.16	20.87		
10	64QAM	25	0	21.04	21.02	21.02	22	0
10	64QAM	25	12	21.09	21.09	21.11		
10	64QAM	25	25	21.06	20.94	20.81		
10	64QAM	50	0	20.77	20.81	20.97		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	20.86	21.13	21.01	22	0
5	QPSK	1	12	21.06	20.83	20.94		
5	QPSK	1	24	20.89	20.88	20.90		
5	QPSK	12	0	20.95	21.10	20.64	22	0
5	QPSK	12	7	21.11	21.09	20.91		
5	QPSK	12	13	20.89	20.94	21.05		
5	QPSK	25	0	20.88	20.95	20.82		
5	16QAM	1	0	20.97	20.75	20.97	22	0
5	16QAM	1	12	20.85	20.94	20.71		
5	16QAM	1	24	21.08	20.75	20.86		
5	16QAM	12	0	20.98	20.91	20.86	22	0
5	16QAM	12	7	20.73	20.79	21.01		
5	16QAM	12	13	21.06	20.79	20.89		
5	16QAM	25	0	20.68	20.75	20.81		
5	64QAM	1	0	20.74	20.89	21.10	22	0
5	64QAM	1	12	21.04	20.89	20.95		
5	64QAM	1	24	20.86	21.05	20.69		
5	64QAM	12	0	20.83	20.83	20.97	22	0
5	64QAM	12	7	21.14	21.07	20.99		
5	64QAM	12	13	21.02	20.91	20.74		
5	64QAM	25	0	20.59	20.84	20.99		

Band 7 Ant0 DSI2 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.73	18.17	18.00	19	0
20	QPSK	1	49	17.88	17.94	17.89		
20	QPSK	1	99	17.72	17.83	17.75		
20	QPSK	50	0	17.86	18.09	17.72	19	0
20	QPSK	50	24	18.03	17.93	17.79		
20	QPSK	50	50	17.83	17.75	18.00		
20	QPSK	100	0	17.69	17.89	17.76		
20	16QAM	1	0	17.73	17.65	17.92	19	0
20	16QAM	1	49	17.68	17.93	17.61		
20	16QAM	1	99	17.82	17.54	17.72		
20	16QAM	50	0	17.94	17.81	17.83	19	0
20	16QAM	50	24	17.70	17.66	17.89		
20	16QAM	50	50	17.91	17.75	17.80		
20	16QAM	100	0	17.61	17.67	17.85		
20	64QAM	1	0	17.68	17.66	17.96	19	0
20	64QAM	1	49	18.03	17.80	17.67		
20	64QAM	1	99	17.67	17.96	17.65		
20	64QAM	50	0	17.88	17.89	17.92	19	0
20	64QAM	50	24	18.03	18.05	17.98		
20	64QAM	50	50	18.00	17.97	17.82		
20	64QAM	100	0	17.57	17.75	17.86		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.67	17.99	18.06	19	0
15	QPSK	1	37	17.87	17.83	17.89		
15	QPSK	1	74	17.64	17.95	17.69		
15	QPSK	36	0	17.81	17.98	17.62	19	0
15	QPSK	36	20	17.91	17.80	17.65		
15	QPSK	36	39	17.93	17.60	17.95		
15	QPSK	75	0	17.76	17.76	17.65		
15	16QAM	1	0	17.88	17.53	17.94	19	0
15	16QAM	1	37	17.62	17.81	17.55		
15	16QAM	1	74	17.89	17.72	17.68		
15	16QAM	36	0	17.89	17.81	17.83	19	0
15	16QAM	36	20	17.56	17.77	18.04		
15	16QAM	36	39	17.93	17.80	17.77		
15	16QAM	75	0	17.48	17.63	17.76		
15	64QAM	1	0	17.72	17.71	17.98	19	0
15	64QAM	1	37	18.09	17.92	17.67		
15	64QAM	1	74	17.70	17.87	17.67		
15	64QAM	36	0	17.91	17.75	17.76	19	0
15	64QAM	36	20	17.97	17.95	17.93		
15	64QAM	36	39	17.93	17.79	17.69		
15	64QAM	75	0	17.52	17.86	17.93		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.76	18.16	18.08	19	0
10	QPSK	1	25	18.08	17.80	17.75		
10	QPSK	1	49	17.75	17.87	17.80		
10	QPSK	25	0	17.83	18.01	17.81	19	0
10	QPSK	25	12	17.89	18.02	17.76		
10	QPSK	25	25	17.84	17.78	18.01		
10	QPSK	50	0	17.70	17.84	17.70		
10	16QAM	1	0	17.83	17.56	17.74	19	0
10	16QAM	1	25	17.77	17.78	17.74		
10	16QAM	1	49	17.92	17.69	17.58		
10	16QAM	25	0	17.78	17.74	17.90	19	0
10	16QAM	25	12	17.61	17.68	17.92		
10	16QAM	25	25	18.05	17.77	17.77		
10	16QAM	50	0	17.63	17.62	17.80		
10	64QAM	1	0	17.57	17.62	17.85	19	0
10	64QAM	1	25	18.01	17.92	17.87		
10	64QAM	1	49	17.63	18.07	17.74		
10	64QAM	25	0	17.92	17.80	17.88	19	0
10	64QAM	25	12	18.05	18.03	17.97		
10	64QAM	25	25	17.79	17.86	17.68		
10	64QAM	50	0	17.61	17.65	17.72		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.63	18.00	18.06	19	0
5	QPSK	1	12	18.03	17.86	17.84		
5	QPSK	1	24	17.70	17.77	17.65		
5	QPSK	12	0	18.01	18.00	17.75	19	0
5	QPSK	12	7	18.07	17.92	17.78		
5	QPSK	12	13	17.92	17.80	17.91		
5	QPSK	25	0	17.70	17.83	17.66		
5	16QAM	1	0	17.87	17.49	17.73	19	0
5	16QAM	1	12	17.60	17.93	17.57		
5	16QAM	1	24	17.98	17.55	17.58		
5	16QAM	12	0	18.00	17.80	17.86	19	0
5	16QAM	12	7	17.67	17.75	18.00		
5	16QAM	12	13	17.95	17.73	17.75		
5	16QAM	25	0	17.55	17.76	17.83		
5	64QAM	1	0	17.61	17.73	17.91	19	0
5	64QAM	1	12	17.98	17.83	17.69		
5	64QAM	1	24	17.72	17.96	17.58		
5	64QAM	12	0	17.85	17.78	17.78	19	0
5	64QAM	12	7	18.09	18.00	17.99		
5	64QAM	12	13	17.96	17.89	17.71		
5	64QAM	25	0	17.54	17.77	17.92		

Band 38 Ant0 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	20.07	20.11	19.99	20.5	0
20	QPSK	1	49	19.79	19.98	19.83		
20	QPSK	1	99	19.92	19.97	19.77		
20	QPSK	50	0	19.78	19.98	19.88	20.5	0
20	QPSK	50	24	19.56	19.85	19.70		
20	QPSK	50	50	19.66	19.80	19.66		
20	QPSK	100	0	19.87	19.93	19.72		
20	16QAM	1	0	19.96	19.86	19.73	20.5	0
20	16QAM	1	49	19.52	19.77	19.61		
20	16QAM	1	99	19.72	19.69	19.57		
20	16QAM	50	0	19.55	19.75	19.76	20.5	0
20	16QAM	50	24	19.32	19.71	19.44		
20	16QAM	50	50	19.37	19.50	19.44		
20	16QAM	100	0	19.75	19.81	19.58		
20	64QAM	1	0	19.89	19.87	19.69	20.5	0
20	64QAM	1	49	19.63	19.69	19.74		
20	64QAM	1	99	19.82	19.68	19.69		
20	64QAM	50	0	19.60	19.85	19.63	20.5	0
20	64QAM	50	24	19.42	19.56	19.45		
20	64QAM	50	50	19.38	19.57	19.54		
20	64QAM	100	0	19.71	19.77	19.43		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.71	19.71	19.64	20.5	0
15	QPSK	1	37	19.41	19.77	19.44		
15	QPSK	1	74	19.57	19.67	19.52		
15	QPSK	36	0	19.57	19.62	19.48	20.5	0
15	QPSK	36	20	19.32	19.42	19.30		
15	QPSK	36	39	19.43	19.60	19.47		
15	QPSK	75	0	19.49	19.57	19.48		
15	16QAM	1	0	19.59	19.45	19.47	20.5	0
15	16QAM	1	37	19.23	19.40	19.18		
15	16QAM	1	74	19.36	19.27	19.17		
15	16QAM	36	0	19.12	19.37	19.41	20.5	0
15	16QAM	36	20	19.06	19.16	19.24		
15	16QAM	36	39	19.00	19.09	19.11		
15	16QAM	75	0	19.26	19.33	19.09		
15	64QAM	1	0	19.51	19.49	19.42	20.5	0
15	64QAM	1	37	19.20	19.45	19.24		
15	64QAM	1	74	19.38	19.20	19.14		
15	64QAM	36	0	19.15	19.47	19.48	20.5	0
15	64QAM	36	20	18.99	19.24	19.09		
15	64QAM	36	39	18.98	19.24	19.06		
15	64QAM	75	0	19.40	19.52	19.05		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.38	19.56	19.55	20.5	0
10	QPSK	1	25	19.07	19.34	19.25		
10	QPSK	1	49	19.20	19.39	19.16		
10	QPSK	25	0	18.97	19.27	19.33	20.5	0
10	QPSK	25	12	19.09	19.09	19.17		
10	QPSK	25	25	19.10	19.15	19.15		
10	QPSK	50	0	19.28	19.45	18.96		
10	16QAM	1	0	19.51	19.46	19.53	20.5	0
10	16QAM	1	25	19.20	19.48	19.24		
10	16QAM	1	49	19.34	19.20	19.09		
10	16QAM	25	0	19.13	19.37	19.44	20.5	0
10	16QAM	25	12	18.99	19.24	19.21		
10	16QAM	25	25	19.04	19.25	19.16		
10	16QAM	50	0	19.38	19.43	18.98		
10	64QAM	1	0	19.58	19.50	19.53	20.5	0
10	64QAM	1	25	19.14	19.50	19.26		
10	64QAM	1	49	19.34	19.20	19.11		
10	64QAM	25	0	19.01	19.42	19.39	20.5	0
10	64QAM	25	12	19.08	19.07	19.05		
10	64QAM	25	25	19.05	19.19	19.28		
10	64QAM	50	0	19.41	19.38	18.94		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.31	19.35	19.43	20.5	0
5	QPSK	1	12	19.01	19.28	19.03		
5	QPSK	1	24	19.08	19.35	19.08		
5	QPSK	12	0	18.85	19.13	19.22	20.5	0
5	QPSK	12	7	19.07	19.02	19.08		
5	QPSK	12	13	18.96	19.09	18.92		
5	QPSK	25	0	19.21	19.31	18.84		
5	16QAM	1	0	19.38	19.41	19.42	20.5	0
5	16QAM	1	12	19.21	19.35	19.16		
5	16QAM	1	24	19.22	19.09	18.96		
5	16QAM	12	0	18.95	19.34	19.30	20.5	0
5	16QAM	12	7	18.88	19.11	19.04		
5	16QAM	12	13	18.99	19.22	19.04		
5	16QAM	25	0	19.20	19.34	18.95		
5	64QAM	1	0	19.39	19.44	19.53	20.5	0
5	64QAM	1	12	19.07	19.37	19.14		
5	64QAM	1	24	19.33	19.12	19.10		
5	64QAM	12	0	18.88	19.20	19.24	20.5	0
5	64QAM	12	7	19.09	18.93	18.84		
5	64QAM	12	13	18.91	19.06	19.15		
5	64QAM	25	0	19.35	19.30	18.92		

Band 38 Ant0 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.30	17.37	17.20	17.5	0
20	QPSK	1	49	17.01	17.30	17.01		
20	QPSK	1	99	17.04	17.23	17.02		
20	QPSK	50	0	17.15	17.35	17.06	17.5	0
20	QPSK	50	24	17.11	17.20	17.08		
20	QPSK	50	50	17.00	17.22	17.05		
20	QPSK	100	0	16.97	17.26	17.01		
20	16QAM	1	0	17.14	17.28	17.16	17.5	0
20	16QAM	1	49	17.03	17.31	17.11		
20	16QAM	1	99	16.95	17.10	17.01		
20	16QAM	50	0	17.14	17.29	17.07	17.5	0
20	16QAM	50	24	17.13	17.29	17.19		
20	16QAM	50	50	17.12	17.28	16.98		
20	16QAM	100	0	17.20	17.31	17.15		
20	64QAM	1	0	17.08	17.30	17.11	17.5	0
20	64QAM	1	49	17.20	17.22	17.23		
20	64QAM	1	99	17.06	17.14	17.03		
20	64QAM	50	0	17.00	17.30	17.05	17.5	0
20	64QAM	50	24	17.01	17.32	17.19		
20	64QAM	50	50	17.13	17.23	17.15		
20	64QAM	100	0	17.12	17.37	17.19		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.23	17.30	17.05	17.5	0
15	QPSK	1	37	16.86	17.19	16.86		
15	QPSK	1	74	16.91	17.14	16.95		
15	QPSK	36	0	17.04	17.26	16.97	17.5	0
15	QPSK	36	20	16.98	17.06	16.89		
15	QPSK	36	39	16.78	17.13	16.85		
15	QPSK	75	0	16.72	16.96	16.73		
15	16QAM	1	0	16.95	17.24	17.01	17.5	0
15	16QAM	1	37	16.98	17.20	16.90		
15	16QAM	1	74	16.97	17.07	16.75		
15	16QAM	36	0	17.10	17.28	16.99	17.5	0
15	16QAM	36	20	17.18	17.30	17.18		
15	16QAM	36	39	17.13	17.26	16.93		
15	16QAM	75	0	17.31	17.29	17.25		
15	64QAM	1	0	17.05	17.21	16.99	17.5	0
15	64QAM	1	37	17.05	17.16	17.17		
15	64QAM	1	74	16.89	16.97	16.86		
15	64QAM	36	0	16.95	17.26	17.00	17.5	0
15	64QAM	36	20	17.04	17.28	17.11		
15	64QAM	36	39	17.13	17.17	17.09		
15	64QAM	75	0	16.91	17.24	17.01		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.25	17.31	17.28	17.5	0
10	QPSK	1	25	16.99	17.34	17.10		
10	QPSK	1	49	17.04	17.16	17.15		
10	QPSK	25	0	17.15	17.25	17.17	17.5	0
10	QPSK	25	12	17.12	17.16	16.96		
10	QPSK	25	25	16.92	17.18	17.06		
10	QPSK	50	0	17.07	17.14	17.11		
10	16QAM	1	0	17.16	17.26	17.32	17.5	0
10	16QAM	1	25	17.11	17.25	17.27		
10	16QAM	1	49	17.05	17.13	17.07		
10	16QAM	25	0	16.87	17.18	16.96	17.5	0
10	16QAM	25	12	17.03	17.08	17.10		
10	16QAM	25	25	16.97	16.99	16.70		
10	16QAM	50	0	17.00	17.20	16.94		
10	64QAM	1	0	17.08	17.24	17.04	17.5	0
10	64QAM	1	25	17.19	17.36	17.09		
10	64QAM	1	49	16.90	17.15	16.91		
10	64QAM	25	0	16.83	17.18	16.96	17.5	0
10	64QAM	25	12	17.03	17.21	16.97		
10	64QAM	25	25	17.09	17.06	16.98		
10	64QAM	50	0	16.89	17.24	16.99		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.30	17.36	17.22	17.5	0
5	QPSK	1	12	16.90	17.33	16.90		
5	QPSK	1	24	17.07	17.15	17.09		
5	QPSK	12	0	17.05	17.30	16.95	17.5	0
5	QPSK	12	7	17.09	17.12	16.96		
5	QPSK	12	13	17.03	17.15	16.83		
5	QPSK	25	0	17.05	17.25	17.05		
5	16QAM	1	0	17.18	17.27	17.29	17.5	0
5	16QAM	1	12	17.11	17.30	17.24		
5	16QAM	1	24	17.14	17.17	16.94		
5	16QAM	12	0	16.95	17.18	16.87	17.5	0
5	16QAM	12	7	16.99	17.18	16.91		
5	16QAM	12	13	16.95	17.12	16.86		
5	16QAM	25	0	17.11	17.07	17.01		
5	64QAM	1	0	16.97	17.18	17.05	17.5	0
5	64QAM	1	12	17.01	17.19	17.20		
5	64QAM	1	24	16.71	17.07	16.85		
5	64QAM	12	0	17.28	17.34	17.22	17.5	0
5	64QAM	12	7	17.26	17.25	17.18		
5	64QAM	12	13	17.34	17.33	17.31		
5	64QAM	25	0	17.20	17.34	17.25		

Band 38 Ant0 DSI2 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	23.56	23.65	23.62	24	0
20	QPSK	1	49	23.50	23.53	23.35		
20	QPSK	1	99	23.33	23.23	23.09		
20	QPSK	50	0	23.52	23.59	23.46	24	0
20	QPSK	50	24	23.48	23.36	23.42		
20	QPSK	50	50	23.43	23.19	23.19		
20	QPSK	100	0	23.45	23.57	23.50		
20	16QAM	1	0	23.61	23.43	23.27	24	0
20	16QAM	1	49	23.36	23.24	23.14		
20	16QAM	1	99	23.64	23.60	23.58		
20	16QAM	50	0	22.64	22.51	22.51	23	1
20	16QAM	50	24	22.44	22.58	22.23		
20	16QAM	50	50	22.31	22.30	22.29		
20	16QAM	100	0	22.43	22.60	22.52		
20	64QAM	1	0	22.39	22.37	22.37	23	1
20	64QAM	1	49	22.45	22.20	22.29		
20	64QAM	1	99	22.55	22.52	22.57		
20	64QAM	50	0	21.50	21.64	21.48	22	2
20	64QAM	50	24	21.39	21.37	21.41		
20	64QAM	50	50	21.38	21.26	21.18		
20	64QAM	100	0	21.57	21.58	21.42		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	23.56	23.64	23.54	24	0
15	QPSK	1	37	23.43	23.59	23.26		
15	QPSK	1	74	23.34	23.31	23.12		
15	QPSK	36	0	23.49	23.46	23.45	24	0
15	QPSK	36	20	23.35	23.47	23.46		
15	QPSK	36	39	23.32	23.18	23.25		
15	QPSK	75	0	23.21	23.49	23.49		
15	16QAM	1	0	23.56	23.38	23.17	24	0
15	16QAM	1	37	23.27	23.25	23.19		
15	16QAM	1	74	23.62	23.58	23.57		
15	16QAM	36	0	22.56	22.42	22.47	23	1
15	16QAM	36	20	22.47	22.46	22.13		
15	16QAM	36	39	22.28	22.23	22.31		
15	16QAM	75	0	22.44	22.57	22.64		
15	64QAM	1	0	22.33	22.47	22.47	23	1
15	64QAM	1	37	22.35	22.22	22.31		
15	64QAM	1	74	22.57	22.45	22.64		
15	64QAM	36	0	21.50	21.71	21.38	22	2
15	64QAM	36	20	21.49	21.44	21.34		
15	64QAM	36	39	21.46	21.34	21.19		
15	64QAM	75	0	21.53	21.69	21.30		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	23.60	23.62	23.65	24	0
10	QPSK	1	25	23.43	23.55	23.44		
10	QPSK	1	49	23.45	23.17	23.11		
10	QPSK	25	0	23.50	23.50	23.50	24	0
10	QPSK	25	12	23.46	23.24	23.50		
10	QPSK	25	25	23.47	23.27	23.16		
10	QPSK	50	0	23.40	23.46	23.50		
10	16QAM	1	0	23.48	23.49	23.24	24	0
10	16QAM	1	25	23.35	23.31	23.02		
10	16QAM	1	49	23.60	23.63	23.55		
10	16QAM	25	0	22.59	22.45	22.54	23	1
10	16QAM	25	12	22.51	22.64	22.30		
10	16QAM	25	25	22.40	22.27	22.19		
10	16QAM	50	0	22.51	22.61	22.53		
10	64QAM	1	0	22.39	22.31	22.43	23	1
10	64QAM	1	25	22.50	22.11	22.28		
10	64QAM	1	49	22.55	22.52	22.54		
10	64QAM	25	0	21.43	21.74	21.42	22	2
10	64QAM	25	12	21.37	21.42	21.31		
10	64QAM	25	25	21.32	21.29	21.16		
10	64QAM	50	0	21.48	21.61	21.45		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	23.48	23.56	23.59	24	0
5	QPSK	1	12	23.59	23.58	23.31		
5	QPSK	1	24	23.41	23.24	23.08		
5	QPSK	12	0	23.43	23.39	23.40	24	0
5	QPSK	12	7	23.49	23.32	23.36		
5	QPSK	12	13	23.44	23.31	23.27		
5	QPSK	25	0	23.33	23.49	23.43		
5	16QAM	1	0	23.37	23.53	23.37	24	0
5	16QAM	1	12	23.30	23.25	23.25		
5	16QAM	1	24	23.58	23.58	23.59		
5	16QAM	12	0	22.65	22.40	22.44	23	1
5	16QAM	12	7	22.39	22.51	22.12		
5	16QAM	12	13	22.19	22.31	22.37		
5	16QAM	25	0	22.53	22.51	22.42		
5	64QAM	1	0	22.35	22.48	22.40	23	1
5	64QAM	1	12	22.55	22.11	22.20		
5	64QAM	1	24	22.49	22.41	22.48		
5	64QAM	12	0	21.49	21.58	21.47	22	2
5	64QAM	12	7	21.45	21.44	21.32		
5	64QAM	12	13	21.35	21.30	21.29		
5	64QAM	25	0	21.48	21.53	21.54		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.89	19.91	20.21	19.83	19.91	20.5	0
20	QPSK	1	49	19.86	19.87	20.10	19.84	19.95		
20	QPSK	1	99	19.80	19.86	20.08	19.76	19.94		
20	QPSK	50	0	19.70	19.91	20.10	19.70	19.71	20.5	0
20	QPSK	50	24	19.86	19.91	19.95	19.83	19.78		
20	QPSK	50	50	19.82	19.85	19.99	19.78	19.73		
20	QPSK	100	0	19.66	19.89	20.11	19.69	19.71		
20	16QAM	1	0	19.67	19.86	20.06	19.56	19.58	20.5	0
20	16QAM	1	49	19.67	19.88	20.06	19.76	19.74		
20	16QAM	1	99	19.72	19.84	20.03	19.61	19.75		
20	16QAM	50	0	19.69	19.86	20.03	19.75	19.72	20.5	0
20	16QAM	50	24	19.67	19.87	20.03	19.75	19.69		
20	16QAM	50	50	19.69	19.81	19.97	19.70	19.67		
20	16QAM	100	0	19.75	19.93	20.10	19.83	19.81		
20	64QAM	1	0	19.60	19.76	19.83	19.57	19.49	20.5	0
20	64QAM	1	49	19.67	19.64	19.98	19.75	19.73		
20	64QAM	1	99	19.55	19.73	19.92	19.58	19.72		
20	64QAM	50	0	19.74	19.82	20.05	19.79	19.85	20.5	0
20	64QAM	50	24	19.78	19.82	20.02	19.72	19.71		
20	64QAM	50	50	19.66	19.77	19.95	19.61	19.72		
20	64QAM	100	0	19.82	19.86	20.07	19.76	19.78		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.67	19.72	19.79	19.74	19.75	20.50	0
15	QPSK	1	37	19.74	19.92	19.93	19.80	19.72		
15	QPSK	1	74	19.64	19.85	19.60	19.63	19.71		
15	QPSK	36	0	19.74	19.71	19.70	19.62	19.65	20.5	0
15	QPSK	36	20	19.78	19.72	19.71	19.63	19.67		
15	QPSK	36	39	19.77	19.80	19.61	19.60	19.71		
15	QPSK	75	0	19.75	19.76	19.66	19.66	19.55		
15	16QAM	1	0	19.47	19.70	19.58	19.47	19.47	20.5	0
15	16QAM	1	37	19.65	19.82	19.80	19.64	19.57		
15	16QAM	1	74	19.59	19.70	19.71	19.54	19.68		
15	16QAM	36	0	19.78	19.86	19.62	19.62	19.64	20.5	0
15	16QAM	36	20	19.75	19.81	19.77	19.73	19.68		
15	16QAM	36	39	19.78	19.75	19.75	19.70	19.66		
15	16QAM	75	0	19.72	19.87	19.80	19.73	19.67		
15	64QAM	1	0	19.45	19.52	19.44	19.53	19.39	20.5	0
15	64QAM	1	37	19.63	19.70	19.64	19.70	19.47		
15	64QAM	1	74	19.39	19.63	19.41	19.57	19.52		
15	64QAM	36	0	19.76	19.85	19.76	19.67	19.67	20.5	0
15	64QAM	36	20	19.81	19.79	19.75	19.61	19.65		
15	64QAM	36	39	19.67	19.89	19.77	19.67	19.66		
15	64QAM	75	0	19.87	19.97	19.70	19.67	19.67		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.84	19.72	19.84	19.86	19.76	20.50	0
10	QPSK	1	25	19.84	19.82	19.90	19.86	19.87		
10	QPSK	1	49	19.64	19.84	19.81	19.89	19.87		
10	QPSK	25	0	19.74	19.90	19.84	19.94	19.75	20.5	0
10	QPSK	25	12	19.81	19.82	19.84	19.84	19.80		
10	QPSK	25	25	19.72	19.88	19.74	19.87	19.67		
10	QPSK	50	0	19.74	19.89	19.79	19.90	19.75		
10	16QAM	1	0	19.56	19.76	19.71	19.70	19.61	20.5	0
10	16QAM	1	25	19.65	19.84	19.80	19.75	19.66		
10	16QAM	1	49	19.60	19.71	19.61	19.84	19.69		
10	16QAM	25	0	19.86	19.94	19.97	19.89	19.86	20.5	0
10	16QAM	25	12	19.91	19.86	19.90	20.10	19.83		
10	16QAM	25	25	19.85	19.82	19.79	19.89	19.84		
10	16QAM	50	0	19.73	19.81	19.77	19.95	19.67		
10	64QAM	1	0	19.52	19.62	19.45	19.60	19.51	20.5	0
10	64QAM	1	25	19.60	19.69	19.62	19.67	19.58		
10	64QAM	1	49	19.44	19.56	19.57	19.68	19.67		
10	64QAM	25	0	19.84	19.80	19.86	19.93	19.77	20.5	0
10	64QAM	25	12	19.90	19.93	19.85	19.88	19.70		
10	64QAM	25	25	19.74	19.79	19.79	19.79	19.76		
10	64QAM	50	0	19.87	19.80	19.87	19.83	19.78		
Channel				39675	40145	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.72	19.77	19.84	19.78	19.59	20.50	0
5	QPSK	1	12	19.91	20.00	19.94	20.02	19.67		
5	QPSK	1	24	19.59	19.83	19.74	19.85	19.76		
5	QPSK	12	0	19.78	19.94	19.90	19.84	19.67	20.5	0
5	QPSK	12	7	19.83	19.88	19.93	19.89	19.62		
5	QPSK	12	13	19.79	19.96	19.84	20.00	19.63		
5	QPSK	25	0	19.73	19.92	19.84	19.80	19.65		
5	16QAM	1	0	19.50	19.80	19.74	19.64	19.54	20.5	0
5	16QAM	1	12	19.83	19.95	19.96	19.85	19.73		
5	16QAM	1	24	19.70	19.75	19.75	19.62	19.66		
5	16QAM	12	0	19.75	20.10	19.98	19.87	19.65	20.5	0
5	16QAM	12	7	19.90	19.94	19.89	19.97	19.62		
5	16QAM	12	13	19.71	20.00	19.97	19.84	19.71		
5	16QAM	25	0	19.80	19.99	19.89	19.90	19.64		
5	64QAM	1	0	19.56	19.64	19.61	19.46	19.63	20.5	0
5	64QAM	1	12	19.71	19.78	19.78	19.78	19.46		
5	64QAM	1	24	19.41	19.58	19.59	19.56	19.50		
5	64QAM	12	0	19.75	19.84	19.98	19.87	19.58	20.5	0
5	64QAM	12	7	19.76	19.96	19.89	19.93	19.70		
5	64QAM	12	13	19.82	19.86	19.82	19.91	19.64		
5	64QAM	25	0	19.84	19.91	19.99	19.83	19.65		

Band 41 Ant0 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.26	17.37	17.38	17.35	17.27	17.5	0
20	QPSK	1	49	17.21	17.31	17.31	17.24	17.30		
20	QPSK	1	99	17.03	17.05	17.28	17.19	17.05		
20	QPSK	50	0	17.03	16.96	17.30	17.04	16.93	17.5	0
20	QPSK	50	24	17.20	16.98	17.28	17.01	17.14		
20	QPSK	50	50	16.98	16.93	17.15	16.98	16.95		
20	QPSK	100	0	17.22	16.99	17.29	16.97	17.13		
20	16QAM	1	0	17.11	17.07	17.23	17.09	17.01	17.5	0
20	16QAM	1	49	16.93	16.96	17.24	16.98	16.92		
20	16QAM	1	99	16.96	16.93	17.12	16.98	16.92		
20	16QAM	50	0	17.18	17.15	17.27	17.07	17.01	17.5	0
20	16QAM	50	24	17.19	17.14	17.36	17.15	17.07		
20	16QAM	50	50	17.16	17.10	17.30	17.14	17.04		
20	16QAM	100	0	17.12	17.04	17.25	17.11	16.96		
20	64QAM	1	0	17.01	17.06	17.35	17.03	17.05	17.5	0
20	64QAM	1	49	17.25	17.18	17.34	17.21	17.09		
20	64QAM	1	99	17.06	16.99	17.18	17.06	17.01		
20	64QAM	50	0	17.04	17.14	17.35	17.05	17.20	17.5	0
20	64QAM	50	24	17.14	17.21	17.30	17.12	17.14		
20	64QAM	50	50	17.10	16.99	17.31	17.12	17.09		
20	64QAM	100	0	16.99	17.10	17.25	17.16	17.14		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.11	17.20	17.34	17.21	17.20	17.50	0
15	QPSK	1	37	16.98	17.22	17.29	17.03	17.07		
15	QPSK	1	74	16.88	16.98	17.21	17.02	16.96		
15	QPSK	36	0	17.12	16.90	17.25	17.10	16.90	17.5	0
15	QPSK	36	20	17.08	16.93	17.17	16.97	17.22		
15	QPSK	36	39	16.96	16.92	17.06	16.84	17.06		
15	QPSK	75	0	16.82	16.71	17.01	16.85	16.93		
15	16QAM	1	0	17.35	17.20	17.33	17.37	17.20	17.5	0
15	16QAM	1	37	17.09	17.20	17.33	17.15	17.22		
15	16QAM	1	74	17.20	17.08	17.23	17.18	17.02		
15	16QAM	36	0	17.05	17.02	17.19	16.86	16.90	17.5	0
15	16QAM	36	20	17.04	16.94	17.18	16.94	16.77		
15	16QAM	36	39	16.90	16.99	17.08	16.92	16.91		
15	16QAM	75	0	17.02	16.96	17.04	16.80	16.85		
15	64QAM	1	0	17.12	17.10	17.31	17.08	17.05	17.5	0
15	64QAM	1	37	17.33	17.29	17.36	17.29	17.30		
15	64QAM	1	74	17.02	17.08	17.33	17.23	17.21		
15	64QAM	36	0	17.01	16.98	17.18	17.01	17.06	17.5	0
15	64QAM	36	20	16.93	17.05	17.13	17.11	16.97		
15	64QAM	36	39	17.03	16.85	17.32	17.09	17.09		
15	64QAM	75	0	16.82	16.91	16.97	17.01	16.89		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.04	17.08	17.30	17.26	17.08	17.50	0
10	QPSK	1	25	17.04	17.10	17.29	17.14	17.23		
10	QPSK	1	49	16.93	16.94	17.18	17.02	16.99		
10	QPSK	25	0	16.97	16.90	17.25	17.14	16.95	17.5	0
10	QPSK	25	12	17.27	17.05	17.29	17.09	17.06		
10	QPSK	25	25	16.95	16.95	17.26	16.97	16.99		
10	QPSK	50	0	16.86	16.74	16.96	16.88	16.92		
10	16QAM	1	0	16.97	16.95	17.12	16.95	16.87	17.5	0
10	16QAM	1	25	16.63	16.82	17.11	16.68	16.78		
10	16QAM	1	49	16.70	16.83	17.02	16.68	16.72		
10	16QAM	25	0	17.28	17.03	17.22	17.18	16.96	17.5	0
10	16QAM	25	12	17.08	17.12	17.23	17.13	17.08		
10	16QAM	25	25	17.11	17.18	17.19	17.06	17.15		
10	16QAM	50	0	17.22	17.07	17.20	17.03	16.85		
10	64QAM	1	0	17.05	17.04	17.32	17.05	16.94	17.5	0
10	64QAM	1	25	17.20	17.18	17.36	17.32	17.13		
10	64QAM	1	49	16.94	17.05	17.33	17.22	17.18		
10	64QAM	25	0	17.10	17.20	17.24	17.08	17.23	17.5	0
10	64QAM	25	12	17.05	17.23	17.22	17.14	17.16		
10	64QAM	25	25	17.02	17.06	17.25	17.18	16.92		
10	64QAM	50	0	16.89	16.94	17.27	17.06	17.13		
Channel				39675	40145	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.11	17.08	17.29	17.28	17.02	17.50	0
5	QPSK	1	12	17.00	17.03	17.13	16.95	17.04		
5	QPSK	1	24	16.96	16.95	17.05	17.13	16.95		
5	QPSK	12	0	17.09	16.77	17.16	17.11	16.89	17.5	0
5	QPSK	12	7	17.26	16.94	17.20	17.00	17.20		
5	QPSK	12	13	16.90	16.78	17.11	16.97	17.06		
5	QPSK	25	0	17.05	17.15	17.22	16.98	17.28		
5	16QAM	1	0	17.16	17.02	17.22	17.15	16.93	17.5	0
5	16QAM	1	12	16.87	16.96	17.16	17.04	16.83		
5	16QAM	1	24	17.05	16.83	17.16	17.03	16.99		
5	16QAM	12	0	17.17	17.06	17.18	16.90	16.95	17.5	0
5	16QAM	12	7	17.06	17.13	17.22	16.98	17.05		
5	16QAM	12	13	17.02	16.90	17.21	17.05	17.03		
5	16QAM	25	0	17.04	16.85	17.11	16.80	16.65		
5	64QAM	1	0	16.88	16.95	17.15	16.81	16.91	17.5	0
5	64QAM	1	12	17.12	17.08	17.27	17.23	17.03		
5	64QAM	1	24	16.90	16.88	17.16	17.14	16.97		
5	64QAM	12	0	16.92	16.93	17.25	16.89	17.05	17.5	0
5	64QAM	12	7	17.05	16.99	17.18	17.01	17.13		
5	64QAM	12	13	17.05	16.90	17.29	17.00	16.96		
5	64QAM	25	0	17.01	17.04	17.24	17.04	17.12		

Band 41 Ant0 DSI2 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.49	23.40	23.78	23.44	23.21	24	0
20	QPSK	1	49	23.55	23.71	23.64	23.35	23.53		
20	QPSK	1	99	23.58	23.59	23.28	23.49	23.67		
20	QPSK	50	0	23.65	23.54	23.67	23.41	23.20	24	0
20	QPSK	50	24	23.56	23.60	23.58	23.29	23.44		
20	QPSK	50	50	23.59	23.64	23.34	23.35	23.50		
20	QPSK	100	0	23.55	23.43	23.60	23.30	23.29		
20	16QAM	1	0	23.59	23.62	23.58	23.38	23.61	24	0
20	16QAM	1	49	23.48	23.67	23.42	23.33	23.52		
20	16QAM	1	99	23.48	23.67	23.42	23.33	23.52		
20	16QAM	50	0	22.54	22.65	22.68	22.34	22.32	23	1
20	16QAM	50	24	22.65	22.61	22.56	22.33	22.47		
20	16QAM	50	50	22.64	22.52	22.31	22.15	22.46		
20	16QAM	100	0	22.59	22.51	22.65	22.12	22.53		
20	64QAM	1	0	22.64	22.57	22.32	22.46	22.37	23	1
20	64QAM	1	49	22.67	22.58	22.53	22.45	22.60		
20	64QAM	1	99	22.67	22.54	22.35	22.45	22.56		
20	64QAM	50	0	21.61	21.68	21.32	21.22	21.47	22	2
20	64QAM	50	24	21.98	21.86	21.65	21.80	21.65		
20	64QAM	50	50	21.95	21.86	21.81	21.55	21.87		
20	64QAM	100	0	21.87	21.77	21.69	21.74	21.93		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.43	23.33	23.68	23.42	23.16	24.00	0
15	QPSK	1	37	23.45	23.67	23.63	23.28	23.50		
15	QPSK	1	74	23.53	23.65	23.24	23.43	23.68		
15	QPSK	36	0	23.62	23.43	23.53	23.38	23.20	24	0
15	QPSK	36	20	23.52	23.65	23.49	23.23	23.51		
15	QPSK	36	39	23.65	23.60	23.43	23.30	23.53		
15	QPSK	75	0	23.65	23.51	23.54	23.34	23.36		
15	16QAM	1	0	23.52	23.73	23.69	23.27	23.71	24	0
15	16QAM	1	37	23.59	23.77	23.38	23.30	23.46		
15	16QAM	1	74	23.48	23.65	23.53	23.37	23.44		
15	16QAM	36	0	22.50	22.57	22.67	22.27	22.40	23	1
15	16QAM	36	20	22.54	22.54	22.67	22.36	22.46		
15	16QAM	36	39	22.74	22.50	22.35	22.20	22.35		
15	16QAM	75	0	22.69	22.49	22.75	22.21	22.51		
15	64QAM	1	0	22.54	22.67	22.37	22.44	22.38	23	1
15	64QAM	1	37	22.59	22.56	22.42	22.42	22.59		
15	64QAM	1	74	22.62	22.60	22.41	22.41	22.51		
15	64QAM	36	0	21.68	21.64	21.43	21.16	21.39	22	2
15	64QAM	36	20	21.97	21.95	21.54	21.73	21.72		
15	64QAM	36	39	21.96	21.94	21.69	21.50	21.90		
15	64QAM	75	0	21.84	21.80	21.62	21.80	21.92		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	23.46	23.43	23.68	23.54	23.31	24.00	0
10	QPSK	1	25	23.43	23.65	23.71	23.43	23.54		
10	QPSK	1	49	23.53	23.50	23.20	23.39	23.62		
10	QPSK	25	0	23.72	23.51	23.56	23.33	23.12	24	0
10	QPSK	25	12	23.65	23.61	23.49	23.24	23.36		
10	QPSK	25	25	23.66	23.64	23.38	23.36	23.59		
10	QPSK	50	0	23.52	23.42	23.52	23.30	23.26		
10	16QAM	1	0	23.68	23.61	23.56	23.41	23.70	24	0
10	16QAM	1	25	23.44	23.59	23.42	23.36	23.63		
10	16QAM	1	49	23.55	23.73	23.36	23.43	23.47		
10	16QAM	25	0	22.45	22.65	22.67	22.29	22.41	23	1
10	16QAM	25	12	22.69	22.62	22.51	22.31	22.52		
10	16QAM	25	25	22.59	22.41	22.31	22.22	22.52		
10	16QAM	50	0	22.68	22.47	22.69	22.05	22.55		
10	64QAM	1	0	22.65	22.51	22.22	22.35	22.25	23	1
10	64QAM	1	25	22.59	22.68	22.44	22.38	22.53		
10	64QAM	1	49	22.64	22.52	22.24	22.51	22.67		
10	64QAM	25	0	21.62	21.68	21.42	21.12	21.54	22	2
10	64QAM	25	12	22.06	21.90	21.74	21.84	21.69		
10	64QAM	25	25	21.83	21.85	21.92	21.60	21.85		
10	64QAM	50	0	21.98	21.85	21.70	21.72	22.05		
Channel				39675	40145	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	23.38	23.30	23.77	23.52	23.19	24.00	0
5	QPSK	1	12	23.49	23.69	23.73	23.36	23.57		
5	QPSK	1	24	23.55	23.61	23.20	23.57	23.68		
5	QPSK	12	0	23.61	23.51	23.65	23.39	23.27	24	0
5	QPSK	12	7	23.47	23.52	23.53	23.31	23.45		
5	QPSK	12	13	23.61	23.68	23.29	23.27	23.52		
5	QPSK	25	0	23.60	23.48	23.53	23.25	23.20		
5	16QAM	1	0	23.50	23.66	23.69	23.37	23.55	24	0
5	16QAM	1	12	23.53	23.57	23.40	23.42	23.43		
5	16QAM	1	24	23.43	23.61	23.52	23.28	23.60		
5	16QAM	12	0	22.45	22.54	22.70	22.27	22.28	23	1
5	16QAM	12	7	22.55	22.73	22.52	22.37	22.54		
5	16QAM	12	13	22.67	22.63	22.41	22.03	22.39		
5	16QAM	25	0	22.61	22.53	22.61	22.12	22.60		
5	64QAM	1	0	22.59	22.46	22.42	22.51	22.34	23	1
5	64QAM	1	12	22.71	22.60	22.57	22.33	22.50		
5	64QAM	1	24	22.65	22.66	22.39	22.54	22.61		
5	64QAM	12	0	21.53	21.74	21.37	21.28	21.40	22	2
5	64QAM	12	7	21.98	21.96	21.73	21.92	21.70		
5	64QAM	12	13	22.07	21.88	21.69	21.44	21.77		
5	64QAM	25	0	21.98	21.73	21.58	21.83	21.98		

		WCDMA II Ant1 DSI3				WCDMA IV Ant1 DSI3			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	21.39	21.51	21.24	22.50	21.81	21.81	21.75	23.00
3GPP Rel 99	RMC 12.2Kbps	21.42	21.53	21.21	22.50	22.01	22.03	21.91	23.00
3GPP Rel 6	HSDPA Subtest-1	20.78	20.84	20.86	21.50	21.32	21.49	21.42	22.00
3GPP Rel 6	HSDPA Subtest-2	20.89	20.89	20.65	21.50	21.35	21.49	21.42	22.00
3GPP Rel 6	HSDPA Subtest-3	20.39	20.36	20.25	21.00	21.14	21.15	21.02	21.50
3GPP Rel 6	HSDPA Subtest-4	20.31	20.22	20.21	21.00	21.18	21.13	20.95	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	20.63	20.69	20.66	21.50	21.19	21.32	21.25	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	20.55	20.61	20.53	21.50	21.34	21.32	21.22	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.00	20.07	20.11	21.00	20.95	20.97	20.61	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	19.90	20.16	19.92	21.00	20.93	20.73	20.52	21.50
3GPP Rel 6	HSUPA Subtest-1	19.67	19.88	19.68	21.50	20.51	20.68	20.52	22.00
3GPP Rel 6	HSUPA Subtest-2	18.76	18.69	18.74	19.50	19.50	19.55	19.71	20.00
3GPP Rel 6	HSUPA Subtest-3	19.83	19.78	19.65	20.50	20.57	20.72	20.71	21.00
3GPP Rel 6	HSUPA Subtest-4	18.24	18.28	18.21	19.50	19.04	19.18	19.04	20.00
3GPP Rel 6	HSUPA Subtest-5	19.68	19.74	19.79	21.50	20.41	20.48	20.47	22.00

Band 2 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.30	21.36	21.25	22.5	0
20	QPSK	1	49	21.22	21.21	21.27		
20	QPSK	1	99	21.17	21.13	21.05		
20	QPSK	50	0	21.28	21.29	21.02	22.5	0
20	QPSK	50	24	21.22	21.16	21.00		
20	QPSK	50	50	21.08	21.04	20.94		
20	QPSK	100	0	21.13	21.14	20.94		
20	16QAM	1	0	21.27	21.22	21.13	22.5	0
20	16QAM	1	49	21.27	21.24	21.22		
20	16QAM	1	99	21.16	21.12	20.98		
20	16QAM	50	0	21.28	21.15	21.04	22.5	0
20	16QAM	50	24	21.27	21.14	21.01		
20	16QAM	50	50	21.09	21.06	20.96		
20	16QAM	100	0	21.17	21.07	20.99		
20	64QAM	1	0	21.26	21.13	21.04	22.5	0
20	64QAM	1	49	21.27	21.31	21.21		
20	64QAM	1	99	21.11	21.02	20.92		
20	64QAM	50	0	20.47	20.28	20.24	21.5	1
20	64QAM	50	24	20.44	20.32	20.20		
20	64QAM	50	50	20.29	20.23	20.14		
20	64QAM	100	0	20.37	20.25	20.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.31	21.27	21.17	22.5	0
15	QPSK	1	37	21.22	21.21	21.25		
15	QPSK	1	74	21.18	21.17	21.07		
15	QPSK	36	0	21.19	21.09	20.99	22.5	0
15	QPSK	36	20	21.20	21.07	20.98		
15	QPSK	36	39	21.05	21.04	20.87		
15	QPSK	75	0	21.14	21.05	20.94		
15	16QAM	1	0	21.34	21.27	21.15	22.5	0
15	16QAM	1	37	21.25	21.35	21.23		
15	16QAM	1	74	21.20	21.16	21.05		
15	16QAM	36	0	21.22	21.13	21.00	22.5	0
15	16QAM	36	20	21.19	21.10	21.02		
15	16QAM	36	39	21.08	21.08	20.96		
15	16QAM	75	0	21.17	21.05	20.98		
15	64QAM	1	0	21.28	21.22	21.12	22.5	0
15	64QAM	1	37	21.30	21.28	21.16		
15	64QAM	1	74	21.16	21.16	20.99		
15	64QAM	36	0	20.43	20.31	20.20	21.5	1
15	64QAM	36	20	20.39	20.33	20.20		
15	64QAM	36	39	20.28	20.29	20.10		
15	64QAM	75	0	20.38	20.30	20.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.28	21.34	21.26	22.5	0
10	QPSK	1	25	21.23	21.22	21.28		
10	QPSK	1	49	21.33	21.19	21.15		
10	QPSK	25	0	21.20	21.13	20.94	22.5	0
10	QPSK	25	12	21.18	21.11	20.97		
10	QPSK	25	25	21.16	21.09	20.88		
10	QPSK	50	0	21.20	21.08	20.91		
10	16QAM	1	0	21.27	21.28	21.15	22.5	0
10	16QAM	1	25	21.25	21.35	21.21		
10	16QAM	1	49	21.30	21.18	21.07		
10	16QAM	25	0	21.24	21.17	20.96	22.5	0
10	16QAM	25	12	21.24	21.15	21.01		
10	16QAM	25	25	21.20	21.12	20.96		
10	16QAM	50	0	21.20	21.12	20.97		
10	64QAM	1	0	21.31	21.28	21.10	22.5	0
10	64QAM	1	25	21.30	21.30	21.15		
10	64QAM	1	49	21.19	21.15	21.02		
10	64QAM	25	0	20.44	20.36	20.22	21.5	1
10	64QAM	25	12	20.44	20.37	20.23		
10	64QAM	25	25	20.40	20.34	20.14		
10	64QAM	50	0	20.40	20.32	20.17		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.23	21.21	21.28	22.5	0
5	QPSK	1	12	21.27	21.25	21.27		
5	QPSK	1	24	21.22	21.34	21.24		
5	QPSK	12	0	21.20	21.16	20.97	22.5	0
5	QPSK	12	7	21.17	21.10	20.92		
5	QPSK	12	13	21.14	21.06	20.87		
5	QPSK	25	0	21.16	21.09	20.89		
5	16QAM	1	0	21.26	21.31	21.18	22.5	0
5	16QAM	1	12	21.24	21.33	21.18		
5	16QAM	1	24	21.35	21.22	21.09		
5	16QAM	12	0	21.20	21.16	20.99	22.5	0
5	16QAM	12	7	21.18	21.11	20.93		
5	16QAM	12	13	21.14	21.06	20.88		
5	16QAM	25	0	21.21	21.16	20.98		
5	64QAM	1	0	21.32	21.30	21.12	22.5	0
5	64QAM	1	12	21.35	21.31	21.17		
5	64QAM	1	24	21.33	21.22	21.13		
5	64QAM	12	0	20.41	20.38	20.20	21.5	1
5	64QAM	12	7	20.36	20.33	20.15		
5	64QAM	12	13	20.32	20.28	20.07		
5	64QAM	25	0	20.39	20.36	20.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.35	21.35	21.19	22.5	0
3	QPSK	1	8	21.26	21.28	21.20		
3	QPSK	1	14	21.22	21.29	21.15		
3	QPSK	8	0	21.14	21.12	20.92	22.5	0
3	QPSK	8	4	21.20	21.09	20.94		
3	QPSK	8	7	21.15	21.04	20.89		
3	QPSK	15	0	21.14	21.04	20.85		
3	16QAM	1	0	21.34	21.26	21.05	22.5	0
3	16QAM	1	8	21.35	21.30	21.11		
3	16QAM	1	14	21.33	21.21	21.07		
3	16QAM	8	0	21.21	21.20	21.00	22.5	0
3	16QAM	8	4	21.25	21.16	21.02		
3	16QAM	8	7	21.23	21.12	21.00		
3	16QAM	15	0	21.21	21.12	20.95		
3	64QAM	1	0	21.27	21.23	21.03	22.5	0
3	64QAM	1	8	21.26	21.28	21.09		
3	64QAM	1	14	21.29	21.18	21.09		
3	64QAM	8	0	20.38	20.36	20.16	21.5	1
3	64QAM	8	4	20.40	20.33	20.19		
3	64QAM	8	7	20.38	20.32	20.18		
3	64QAM	15	0	20.36	20.30	20.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.30	21.31	21.10	22.5	0
1.4	QPSK	1	3	21.32	21.28	21.09		
1.4	QPSK	1	5	21.29	21.30	21.11		
1.4	QPSK	3	0	21.12	21.13	20.95		
1.4	QPSK	3	1	21.13	21.13	20.94		
1.4	QPSK	3	3	21.14	21.10	20.95		
1.4	QPSK	6	0	21.19	21.15	20.95	22.5	0
1.4	16QAM	1	0	21.34	21.28	21.04	22.5	0
1.4	16QAM	1	3	21.29	21.25	21.07		
1.4	16QAM	1	5	21.30	21.27	21.04		
1.4	16QAM	3	0	21.19	21.18	20.95		
1.4	16QAM	3	1	21.19	21.18	21.00		
1.4	16QAM	3	3	21.15	21.09	20.98		
1.4	16QAM	6	0	21.21	21.20	21.02	22.5	0
1.4	64QAM	1	0	21.28	21.28	21.10	22.5	0
1.4	64QAM	1	3	21.32	21.34	21.09		
1.4	64QAM	1	5	21.27	21.29	21.09		
1.4	64QAM	3	0	21.21	21.20	21.04		
1.4	64QAM	3	1	21.21	21.25	21.00		
1.4	64QAM	3	3	21.17	21.17	20.99		
1.4	64QAM	6	0	20.35	20.34	20.16	21.5	1

Band 2 Ant1 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	21.30	21.36	21.25	22.5	0
20	QPSK	1	49	21.22	21.21	21.27		
20	QPSK	1	99	21.17	21.13	21.05		
20	QPSK	50	0	21.28	21.29	21.02	22.5	0
20	QPSK	50	24	21.22	21.16	21.00		
20	QPSK	50	50	21.08	21.04	20.94		
20	QPSK	100	0	21.13	21.14	20.94		
20	16QAM	1	0	21.27	21.22	21.13	22.5	0
20	16QAM	1	49	21.27	21.24	21.22		
20	16QAM	1	99	21.16	21.12	20.98		
20	16QAM	50	0	21.28	21.15	21.04	22.5	0
20	16QAM	50	24	21.27	21.14	21.01		
20	16QAM	50	50	21.09	21.06	20.96		
20	16QAM	100	0	21.17	21.07	20.99		
20	64QAM	1	0	21.26	21.13	21.04	22.5	0
20	64QAM	1	49	21.27	21.31	21.21		
20	64QAM	1	99	21.11	21.02	20.92		
20	64QAM	50	0	20.47	20.28	20.24	21.5	1
20	64QAM	50	24	20.44	20.32	20.20		
20	64QAM	50	50	20.29	20.23	20.14		
20	64QAM	100	0	20.37	20.25	20.19		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	21.31	21.27	21.17	22.5	0
15	QPSK	1	37	21.22	21.21	21.25		
15	QPSK	1	74	21.18	21.17	21.07		
15	QPSK	36	0	21.19	21.09	20.99	22.5	0
15	QPSK	36	20	21.20	21.07	20.98		
15	QPSK	36	39	21.05	21.04	20.87		
15	QPSK	75	0	21.14	21.05	20.94		
15	16QAM	1	0	21.34	21.27	21.15	22.5	0
15	16QAM	1	37	21.25	21.35	21.23		
15	16QAM	1	74	21.20	21.16	21.05		
15	16QAM	36	0	21.22	21.13	21.00	22.5	0
15	16QAM	36	20	21.19	21.10	21.02		
15	16QAM	36	39	21.08	21.08	20.96		
15	16QAM	75	0	21.17	21.05	20.98		
15	64QAM	1	0	21.28	21.22	21.12	22.5	0
15	64QAM	1	37	21.30	21.28	21.16		
15	64QAM	1	74	21.16	21.16	20.99		
15	64QAM	36	0	20.43	20.31	20.20	21.5	1
15	64QAM	36	20	20.39	20.33	20.20		
15	64QAM	36	39	20.28	20.29	20.10		
15	64QAM	75	0	20.38	20.30	20.17		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	21.28	21.34	21.26	22.5	0
10	QPSK	1	25	21.23	21.22	21.28		
10	QPSK	1	49	21.33	21.19	21.15		
10	QPSK	25	0	21.20	21.13	20.94	22.5	0
10	QPSK	25	12	21.18	21.11	20.97		
10	QPSK	25	25	21.16	21.09	20.88		
10	QPSK	50	0	21.20	21.08	20.91		
10	16QAM	1	0	21.27	21.28	21.15	22.5	0
10	16QAM	1	25	21.25	21.35	21.21		
10	16QAM	1	49	21.30	21.18	21.07		
10	16QAM	25	0	21.24	21.17	20.96	22.5	0
10	16QAM	25	12	21.24	21.15	21.01		
10	16QAM	25	25	21.20	21.12	20.96		
10	16QAM	50	0	21.20	21.12	20.97		
10	64QAM	1	0	21.31	21.28	21.10	22.5	0
10	64QAM	1	25	21.30	21.30	21.15		
10	64QAM	1	49	21.19	21.15	21.02		
10	64QAM	25	0	20.44	20.36	20.22	21.5	1
10	64QAM	25	12	20.44	20.37	20.23		
10	64QAM	25	25	20.40	20.34	20.14		
10	64QAM	50	0	20.40	20.32	20.17		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	21.23	21.21	21.28	22.5	0
5	QPSK	1	12	21.27	21.25	21.27		
5	QPSK	1	24	21.22	21.34	21.24		
5	QPSK	12	0	21.20	21.16	20.97	22.5	0
5	QPSK	12	7	21.17	21.10	20.92		
5	QPSK	12	13	21.14	21.06	20.87		
5	QPSK	25	0	21.16	21.09	20.89		
5	16QAM	1	0	21.26	21.31	21.18	22.5	0
5	16QAM	1	12	21.24	21.33	21.18		
5	16QAM	1	24	21.35	21.22	21.09		
5	16QAM	12	0	21.20	21.16	20.99	22.5	0
5	16QAM	12	7	21.18	21.11	20.93		
5	16QAM	12	13	21.14	21.06	20.88		
5	16QAM	25	0	21.21	21.16	20.98		
5	64QAM	1	0	21.32	21.30	21.12	22.5	0
5	64QAM	1	12	21.35	21.31	21.17		
5	64QAM	1	24	21.33	21.22	21.13		
5	64QAM	12	0	20.41	20.38	20.20	21.5	1
5	64QAM	12	7	20.36	20.33	20.15		
5	64QAM	12	13	20.32	20.28	20.07		
5	64QAM	25	0	20.39	20.36	20.18		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	21.35	21.35	21.19	22.5	0
3	QPSK	1	8	21.26	21.28	21.20		
3	QPSK	1	14	21.22	21.29	21.15		
3	QPSK	8	0	21.14	21.12	20.92	22.5	0
3	QPSK	8	4	21.20	21.09	20.94		
3	QPSK	8	7	21.15	21.04	20.89		
3	QPSK	15	0	21.14	21.04	20.85		
3	16QAM	1	0	21.34	21.26	21.05	22.5	0
3	16QAM	1	8	21.35	21.30	21.11		
3	16QAM	1	14	21.33	21.21	21.07		
3	16QAM	8	0	21.21	21.20	21.00	22.5	0
3	16QAM	8	4	21.25	21.16	21.02		
3	16QAM	8	7	21.23	21.12	21.00		
3	16QAM	15	0	21.21	21.12	20.95		
3	64QAM	1	0	21.27	21.23	21.03	22.5	0
3	64QAM	1	8	21.26	21.28	21.09		
3	64QAM	1	14	21.29	21.18	21.09		
3	64QAM	8	0	20.38	20.36	20.16	21.5	1
3	64QAM	8	4	20.40	20.33	20.19		
3	64QAM	8	7	20.38	20.32	20.18		
3	64QAM	15	0	20.36	20.30	20.13		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	21.30	21.31	21.10	22.5	0
1.4	QPSK	1	3	21.32	21.28	21.09		
1.4	QPSK	1	5	21.29	21.30	21.11		
1.4	QPSK	3	0	21.12	21.13	20.95		
1.4	QPSK	3	1	21.13	21.13	20.94		
1.4	QPSK	3	3	21.14	21.10	20.95		
1.4	QPSK	6	0	21.19	21.15	20.95	22.5	0
1.4	16QAM	1	0	21.34	21.28	21.04	22.5	0
1.4	16QAM	1	3	21.29	21.25	21.07		
1.4	16QAM	1	5	21.30	21.27	21.04		
1.4	16QAM	3	0	21.19	21.18	20.95		
1.4	16QAM	3	1	21.19	21.18	21.00		
1.4	16QAM	3	3	21.15	21.09	20.98		
1.4	16QAM	6	0	21.21	21.20	21.02	22.5	0
1.4	64QAM	1	0	21.28	21.28	21.10	22.5	0
1.4	64QAM	1	3	21.32	21.34	21.09		
1.4	64QAM	1	5	21.27	21.29	21.09		
1.4	64QAM	3	0	21.21	21.20	21.04		
1.4	64QAM	3	1	21.21	21.25	21.00		
1.4	64QAM	3	3	21.17	21.17	20.99		
1.4	64QAM	6	0	20.35	20.34	20.16	21.5	1

Band 4 Ant1 DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.29	22.39	22.27	23.5	0
20	QPSK	1	49	22.18	22.21	22.37		
20	QPSK	1	99	22.24	22.13	22.24		
20	QPSK	50	0	22.35	22.37	22.28	23.5	0
20	QPSK	50	24	22.35	22.36	22.31		
20	QPSK	50	50	22.27	22.30	22.26		
20	QPSK	100	0	22.29	22.30	22.24		
20	16QAM	1	0	22.11	22.10	22.16	23.5	0
20	16QAM	1	49	22.19	22.29	22.23		
20	16QAM	1	99	22.07	22.12	22.06		
20	16QAM	50	0	22.36	22.26	22.24	23.5	0
20	16QAM	50	24	22.33	22.32	22.30		
20	16QAM	50	50	22.22	22.27	22.25		
20	16QAM	100	0	22.27	22.28	22.26		
20	64QAM	1	0	22.35	22.36	22.38	23.5	0
20	64QAM	1	49	22.37	22.28	22.34		
20	64QAM	1	99	22.28	22.21	22.30		
20	64QAM	50	0	21.44	21.37	21.31	22.5	1
20	64QAM	50	24	21.40	21.39	21.38		
20	64QAM	50	50	21.34	21.38	21.34		
20	64QAM	100	0	21.39	21.34	21.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.28	22.31	22.26	23.5	0
15	QPSK	1	37	22.34	22.31	22.36		
15	QPSK	1	74	22.22	22.22	22.25		
15	QPSK	36	0	22.35	22.33	22.28	23.5	0
15	QPSK	36	20	22.30	22.34	22.31		
15	QPSK	36	39	22.28	22.31	22.30		
15	QPSK	75	0	22.28	22.33	22.28		
15	16QAM	1	0	22.14	22.19	22.12	23.5	0
15	16QAM	1	37	22.18	22.26	22.25		
15	16QAM	1	74	22.04	22.08	22.16		
15	16QAM	36	0	22.33	22.32	22.32	23.5	0
15	16QAM	36	20	22.25	22.31	22.28		
15	16QAM	36	39	22.23	22.29	22.30		
15	16QAM	75	0	22.27	22.30	22.27		
15	64QAM	1	0	22.38	22.29	22.34	23.5	0
15	64QAM	1	37	22.31	22.35	22.27		
15	64QAM	1	74	22.30	22.31	22.38		
15	64QAM	36	0	21.39	21.39	21.37	22.5	1
15	64QAM	36	20	21.36	21.39	21.37		
15	64QAM	36	39	21.35	21.35	21.35		
15	64QAM	75	0	21.40	21.40	21.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.03	22.05	21.97	23.5	0
10	QPSK	1	25	22.07	22.05	22.00		
10	QPSK	1	49	21.93	21.91	21.98		
10	QPSK	25	0	21.97	21.97	21.96	23.5	0
10	QPSK	25	12	21.96	21.95	21.95		
10	QPSK	25	25	21.89	21.96	21.96		
10	QPSK	50	0	21.92	21.96	21.95		
10	16QAM	1	0	22.17	22.26	22.19	23.5	0
10	16QAM	1	25	22.22	22.27	22.25		
10	16QAM	1	49	22.10	22.14	22.20		
10	16QAM	25	0	22.04	22.00	22.00	23.5	0
10	16QAM	25	12	21.97	21.98	22.00		
10	16QAM	25	25	21.91	22.01	22.01		
10	16QAM	50	0	21.98	22.00	21.96		
10	64QAM	1	0	22.09	22.14	22.11	23.5	0
10	64QAM	1	25	22.13	22.16	22.10		
10	64QAM	1	49	22.03	22.01	22.10		
10	64QAM	25	0	21.13	21.13	21.09	22.5	1
10	64QAM	25	12	21.09	21.10	21.10		
10	64QAM	25	25	21.03	21.07	21.10		
10	64QAM	50	0	21.06	21.07	21.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.07	22.08	22.02	23.5	0
5	QPSK	1	12	22.11	22.08	22.07		
5	QPSK	1	24	22.02	22.00	22.04		
5	QPSK	12	0	21.99	21.99	21.99	23.5	0
5	QPSK	12	7	21.97	21.96	22.01		
5	QPSK	12	13	21.90	21.96	21.95		
5	QPSK	25	0	21.92	21.96	21.96		
5	16QAM	1	0	22.19	22.26	22.18	23.5	0
5	16QAM	1	12	22.24	22.26	22.27		
5	16QAM	1	24	22.16	22.23	22.26		
5	16QAM	12	0	21.99	22.02	22.05	23.5	0
5	16QAM	12	7	21.96	21.94	22.01		
5	16QAM	12	13	21.88	21.95	21.94		
5	16QAM	25	0	21.98	21.99	22.03		
5	64QAM	1	0	22.14	22.19	22.14	23.5	0
5	64QAM	1	12	22.15	22.18	22.13		
5	64QAM	1	24	22.06	22.06	22.13		
5	64QAM	12	0	21.09	21.09	21.10	22.5	1
5	64QAM	12	7	21.05	21.03	21.07		
5	64QAM	12	13	20.99	21.02	21.02		
5	64QAM	25	0	21.07	21.11	21.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.04	22.04	22.01	23.5	0
3	QPSK	1	8	22.06	22.00	22.02		
3	QPSK	1	14	22.02	21.96	22.01		
3	QPSK	8	0	21.96	21.97	21.98	23.5	0
3	QPSK	8	4	21.97	21.94	21.99		
3	QPSK	8	7	21.92	21.91	21.95		
3	QPSK	15	0	21.89	21.90	21.91		
3	16QAM	1	0	22.22	22.22	22.21	23.5	0
3	16QAM	1	8	22.25	22.23	22.22		
3	16QAM	1	14	22.20	22.22	22.22		
3	16QAM	8	0	22.03	22.04	22.07	23.5	0
3	16QAM	8	4	22.01	22.01	22.05		
3	16QAM	8	7	22.00	21.99	22.04		
3	16QAM	15	0	21.99	21.96	21.99		
3	64QAM	1	0	22.10	22.10	22.09	23.5	0
3	64QAM	1	8	22.15	22.10	22.11		
3	64QAM	1	14	22.10	22.11	22.11		
3	64QAM	8	0	21.10	21.12	21.10	22.5	1
3	64QAM	8	4	21.07	21.05	21.08		
3	64QAM	8	7	21.07	21.05	21.09		
3	64QAM	15	0	21.06	21.04	21.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.31	22.33	22.32	23.5	0
1.4	QPSK	1	3	22.33	22.30	22.34		
1.4	QPSK	1	5	22.31	22.31	22.31		
1.4	QPSK	3	0	22.37	22.37	22.38		
1.4	QPSK	3	1	22.38	22.35	22.37		
1.4	QPSK	3	3	22.37	22.33	22.38		
1.4	QPSK	6	0	22.37	22.24	22.34	23.5	0
1.4	16QAM	1	0	22.19	22.20	22.18	23.5	0
1.4	16QAM	1	3	22.19	22.22	22.22		
1.4	16QAM	1	5	22.15	22.18	22.19		
1.4	16QAM	3	0	22.31	22.32	22.34		
1.4	16QAM	3	1	22.32	22.33	22.35		
1.4	16QAM	3	3	22.31	22.29	22.33		
1.4	16QAM	6	0	22.38	22.33	22.22	23.5	0
1.4	64QAM	1	0	22.28	22.34	22.25	23.5	0
1.4	64QAM	1	3	22.31	22.27	22.24		
1.4	64QAM	1	5	22.26	22.25	22.25		
1.4	64QAM	3	0	22.36	22.38	22.35		
1.4	64QAM	3	1	22.36	22.30	22.38		
1.4	64QAM	3	3	22.33	22.32	22.36		
1.4	64QAM	6	0	21.41	21.42	21.43	22.5	1

Band 4 Ant1 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	22.29	22.39	22.27	23.5	0
20	QPSK	1	49	22.18	22.21	22.37		
20	QPSK	1	99	22.24	22.13	22.24		
20	QPSK	50	0	22.35	22.37	22.28	23.5	0
20	QPSK	50	24	22.35	22.36	22.31		
20	QPSK	50	50	22.27	22.30	22.26		
20	QPSK	100	0	22.29	22.30	22.24		
20	16QAM	1	0	22.11	22.10	22.16	23.5	0
20	16QAM	1	49	22.19	22.29	22.23		
20	16QAM	1	99	22.07	22.12	22.06		
20	16QAM	50	0	22.36	22.26	22.24	23.5	0
20	16QAM	50	24	22.33	22.32	22.30		
20	16QAM	50	50	22.22	22.27	22.25		
20	16QAM	100	0	22.27	22.28	22.26		
20	64QAM	1	0	22.35	22.36	22.38	23.5	0
20	64QAM	1	49	22.37	22.28	22.34		
20	64QAM	1	99	22.28	22.21	22.30		
20	64QAM	50	0	21.44	21.37	21.31	22.5	1
20	64QAM	50	24	21.40	21.39	21.38		
20	64QAM	50	50	21.34	21.38	21.34		
20	64QAM	100	0	21.39	21.34	21.31		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	22.28	22.31	22.26	23.5	0
15	QPSK	1	37	22.34	22.31	22.36		
15	QPSK	1	74	22.22	22.22	22.25		
15	QPSK	36	0	22.35	22.33	22.28	23.5	0
15	QPSK	36	20	22.30	22.34	22.31		
15	QPSK	36	39	22.28	22.31	22.30		
15	QPSK	75	0	22.28	22.33	22.28		
15	16QAM	1	0	22.14	22.19	22.12	23.5	0
15	16QAM	1	37	22.18	22.26	22.25		
15	16QAM	1	74	22.04	22.08	22.16		
15	16QAM	36	0	22.33	22.32	22.32	23.5	0
15	16QAM	36	20	22.25	22.31	22.28		
15	16QAM	36	39	22.23	22.29	22.30		
15	16QAM	75	0	22.27	22.30	22.27		
15	64QAM	1	0	22.38	22.29	22.34	23.5	0
15	64QAM	1	37	22.31	22.35	22.27		
15	64QAM	1	74	22.30	22.31	22.38		
15	64QAM	36	0	21.39	21.39	21.37	22.5	1
15	64QAM	36	20	21.36	21.39	21.37		
15	64QAM	36	39	21.35	21.35	21.35		
15	64QAM	75	0	21.40	21.40	21.35		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	22.03	22.05	21.97	23.5	0
10	QPSK	1	25	22.07	22.05	22.00		
10	QPSK	1	49	21.93	21.91	21.98		
10	QPSK	25	0	21.97	21.97	21.96	23.5	0
10	QPSK	25	12	21.96	21.95	21.95		
10	QPSK	25	25	21.89	21.96	21.96		
10	QPSK	50	0	21.92	21.96	21.95		
10	16QAM	1	0	22.17	22.26	22.19	23.5	0
10	16QAM	1	25	22.22	22.27	22.25		
10	16QAM	1	49	22.10	22.14	22.20		
10	16QAM	25	0	22.04	22.00	22.00	23.5	0
10	16QAM	25	12	21.97	21.98	22.00		
10	16QAM	25	25	21.91	22.01	22.01		
10	16QAM	50	0	21.98	22.00	21.96		
10	64QAM	1	0	22.09	22.14	22.11	23.5	0
10	64QAM	1	25	22.13	22.16	22.10		
10	64QAM	1	49	22.03	22.01	22.10		
10	64QAM	25	0	21.13	21.13	21.09	22.5	1
10	64QAM	25	12	21.09	21.10	21.10		
10	64QAM	25	25	21.03	21.07	21.10		
10	64QAM	50	0	21.06	21.07	21.08		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	22.07	22.08	22.02	23.5	0
5	QPSK	1	12	22.11	22.08	22.07		
5	QPSK	1	24	22.02	22.00	22.04		
5	QPSK	12	0	21.99	21.99	21.99	23.5	0
5	QPSK	12	7	21.97	21.96	22.01		
5	QPSK	12	13	21.90	21.96	21.95		
5	QPSK	25	0	21.92	21.96	21.96		
5	16QAM	1	0	22.19	22.26	22.18	23.5	0
5	16QAM	1	12	22.24	22.26	22.27		
5	16QAM	1	24	22.16	22.23	22.26		
5	16QAM	12	0	21.99	22.02	22.05	23.5	0
5	16QAM	12	7	21.96	21.94	22.01		
5	16QAM	12	13	21.88	21.95	21.94		
5	16QAM	25	0	21.98	21.99	22.03		
5	64QAM	1	0	22.14	22.19	22.14	23.5	0
5	64QAM	1	12	22.15	22.18	22.13		
5	64QAM	1	24	22.06	22.06	22.13		
5	64QAM	12	0	21.09	21.09	21.10	22.5	1
5	64QAM	12	7	21.05	21.03	21.07		
5	64QAM	12	13	20.99	21.02	21.02		
5	64QAM	25	0	21.07	21.11	21.11		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	22.04	22.04	22.01	23.5	0
3	QPSK	1	8	22.06	22.00	22.02		
3	QPSK	1	14	22.02	21.96	22.01		
3	QPSK	8	0	21.96	21.97	21.98	23.5	0
3	QPSK	8	4	21.97	21.94	21.99		
3	QPSK	8	7	21.92	21.91	21.95		
3	QPSK	15	0	21.89	21.90	21.91		
3	16QAM	1	0	22.22	22.22	22.21	23.5	0
3	16QAM	1	8	22.25	22.23	22.22		
3	16QAM	1	14	22.20	22.22	22.22		
3	16QAM	8	0	22.03	22.04	22.07	23.5	0
3	16QAM	8	4	22.01	22.01	22.05		
3	16QAM	8	7	22.00	21.99	22.04		
3	16QAM	15	0	21.99	21.96	21.99		
3	64QAM	1	0	22.10	22.10	22.09	23.5	0
3	64QAM	1	8	22.15	22.10	22.11		
3	64QAM	1	14	22.10	22.11	22.11		
3	64QAM	8	0	21.10	21.12	21.10	22.5	1
3	64QAM	8	4	21.07	21.05	21.08		
3	64QAM	8	7	21.07	21.05	21.09		
3	64QAM	15	0	21.06	21.04	21.10		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	22.31	22.33	22.32	23.5	0
1.4	QPSK	1	3	22.33	22.30	22.34		
1.4	QPSK	1	5	22.31	22.31	22.31		
1.4	QPSK	3	0	22.37	22.37	22.38		
1.4	QPSK	3	1	22.38	22.35	22.37		
1.4	QPSK	3	3	22.37	22.33	22.38		
1.4	QPSK	6	0	22.37	22.24	22.34	23.5	0
1.4	16QAM	1	0	22.19	22.20	22.18	23.5	0
1.4	16QAM	1	3	22.19	22.22	22.22		
1.4	16QAM	1	5	22.15	22.18	22.19		
1.4	16QAM	3	0	22.31	22.32	22.34		
1.4	16QAM	3	1	22.32	22.33	22.35		
1.4	16QAM	3	3	22.31	22.29	22.33		
1.4	16QAM	6	0	22.38	22.33	22.22	23.5	0
1.4	64QAM	1	0	22.28	22.34	22.25	23.5	0
1.4	64QAM	1	3	22.31	22.27	22.24		
1.4	64QAM	1	5	22.26	22.25	22.25		
1.4	64QAM	3	0	22.36	22.38	22.35		
1.4	64QAM	3	1	22.36	22.30	22.38		
1.4	64QAM	3	3	22.33	22.32	22.36		
1.4	64QAM	6	0	21.41	21.42	21.43	22.5	1

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.36	22.56	22.49	23.5	0
20	QPSK	1	49	22.50	22.54	22.32		
20	QPSK	1	99	22.42	22.45	22.50		
20	QPSK	50	0	22.02	22.33	22.30	23.5	0
20	QPSK	50	24	22.05	22.20	22.30		
20	QPSK	50	50	22.03	22.08	22.28		
20	QPSK	100	0	22.06	22.30	22.27		
20	16QAM	1	0	21.91	22.05	22.17	23.5	0
20	16QAM	1	49	21.95	22.05	22.13		
20	16QAM	1	99	21.96	22.09	22.13		
20	16QAM	50	0	21.88	21.94	22.08	23.5	0
20	16QAM	50	24	21.85	22.01	22.10		
20	16QAM	50	50	21.86	21.88	22.12		
20	16QAM	100	0	21.85	21.96	22.07		
20	64QAM	1	0	22.38	22.46	22.25	23.5	0
20	64QAM	1	49	22.42	22.48	22.50		
20	64QAM	1	99	22.42	22.47	22.42		
20	64QAM	50	0	21.51	21.49	21.48	22.5	1
20	64QAM	50	24	21.53	21.51	21.45		
20	64QAM	50	50	21.41	21.51	21.37		
20	64QAM	100	0	21.46	21.50	21.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.20	22.33	22.35	23.5	0
15	QPSK	1	37	22.32	22.36	22.20		
15	QPSK	1	74	22.31	22.35	22.29		
15	QPSK	36	0	21.89	21.93	22.20	23.5	0
15	QPSK	36	20	21.74	21.94	22.15		
15	QPSK	36	39	21.85	21.78	22.02		
15	QPSK	75	0	21.94	21.96	21.99		
15	16QAM	1	0	21.81	21.86	21.95	23.5	0
15	16QAM	1	37	21.81	21.80	21.95		
15	16QAM	1	74	21.78	21.79	21.83		
15	16QAM	36	0	21.78	21.68	21.86	23.5	0
15	16QAM	36	20	21.63	21.77	21.97		
15	16QAM	36	39	21.62	21.66	21.87		
15	16QAM	75	0	21.66	21.72	21.91		
15	64QAM	1	0	22.25	22.35	21.96	23.5	0
15	64QAM	1	37	22.11	22.21	22.35		
15	64QAM	1	74	22.29	22.22	22.24		
15	64QAM	36	0	21.41	21.27	21.18	22.5	1
15	64QAM	36	20	21.37	21.25	21.25		
15	64QAM	36	39	21.21	21.39	21.16		
15	64QAM	75	0	21.20	21.33	21.49		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.24	22.25	22.31	23.5	0
10	QPSK	1	25	22.40	22.27	22.20		
10	QPSK	1	49	22.20	22.24	22.34		
10	QPSK	25	0	21.82	21.90	22.13	23.5	0
10	QPSK	25	12	21.95	21.90	22.20		
10	QPSK	25	25	21.75	21.99	22.01		
10	QPSK	50	0	21.85	21.79	22.08		
10	16QAM	1	0	21.67	21.78	22.07	23.5	0
10	16QAM	1	25	21.84	21.75	22.02		
10	16QAM	1	49	21.81	21.98	22.04		
10	16QAM	25	0	21.72	21.75	21.81	23.5	0
10	16QAM	25	12	21.68	21.77	21.86		
10	16QAM	25	25	21.56	21.76	21.90		
10	16QAM	50	0	21.74	21.86	21.79		
10	64QAM	1	0	22.07	22.35	21.95	23.5	0
10	64QAM	1	25	22.28	22.20	22.27		
10	64QAM	1	49	22.19	22.35	22.31		
10	64QAM	25	0	21.40	21.22	21.19	22.5	1
10	64QAM	25	12	21.27	21.41	21.24		
10	64QAM	25	25	21.20	21.31	21.27		
10	64QAM	50	0	21.31	21.39	21.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.18	22.27	22.25	23.5	0
5	QPSK	1	12	22.23	22.28	22.08		
5	QPSK	1	24	22.31	22.28	22.31		
5	QPSK	12	0	21.77	21.90	22.19	23.5	0
5	QPSK	12	7	21.78	21.95	22.20		
5	QPSK	12	13	21.74	21.84	22.06		
5	QPSK	25	0	21.88	21.89	21.98		
5	16QAM	1	0	21.79	21.78	22.00	23.5	0
5	16QAM	1	12	21.70	21.87	21.84		
5	16QAM	1	24	21.76	21.92	21.91		
5	16QAM	12	0	21.70	21.66	21.99	23.5	0
5	16QAM	12	7	21.63	21.77	21.91		
5	16QAM	12	13	21.62	21.64	22.01		
5	16QAM	25	0	21.57	21.80	21.83		
5	64QAM	1	0	22.27	22.35	21.98	23.5	0
5	64QAM	1	12	22.13	22.34	22.24		
5	64QAM	1	24	22.29	22.20	22.16		
5	64QAM	12	0	21.27	21.35	21.30	22.5	1
5	64QAM	12	7	21.40	21.26	21.18		
5	64QAM	12	13	21.26	21.33	21.17		
5	64QAM	25	0	21.24	21.36	21.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.14	22.46	22.27	23.5	0
3	QPSK	1	8	22.32	22.39	22.22		
3	QPSK	1	14	22.20	22.23	22.20		
3	QPSK	8	0	21.90	21.83	22.13	23.5	0
3	QPSK	8	4	21.86	22.11	22.11		
3	QPSK	8	7	21.86	21.87	22.12		
3	QPSK	15	0	21.77	21.97	22.17		
3	16QAM	1	0	21.62	21.92	21.99	23.5	0
3	16QAM	1	8	21.83	21.87	21.90		
3	16QAM	1	14	21.82	21.96	22.03		
3	16QAM	8	0	21.63	21.69	21.92	23.5	0
3	16QAM	8	4	21.62	21.78	21.79		
3	16QAM	8	7	21.65	21.61	21.95		
3	16QAM	15	0	21.55	21.87	21.84		
3	64QAM	1	0	22.09	22.22	22.08	23.5	0
3	64QAM	1	8	22.28	22.29	22.36		
3	64QAM	1	14	22.20	22.22	22.32		
3	64QAM	8	0	21.32	21.22	21.30	22.5	1
3	64QAM	8	4	21.40	21.20	21.33		
3	64QAM	8	7	21.15	21.22	21.26		
3	64QAM	15	0	21.23	21.37	21.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.13	22.39	22.40	23.5	0
1.4	QPSK	1	3	22.19	22.24	22.22		
1.4	QPSK	1	5	22.16	22.24	22.35		
1.4	QPSK	3	0	21.73	21.72	22.06		
1.4	QPSK	3	1	21.92	22.09	22.20		
1.4	QPSK	3	3	21.73	21.88	21.98		
1.4	QPSK	6	0	21.76	21.82	22.16	23.5	0
1.4	16QAM	1	0	21.65	21.78	21.92	23.5	0
1.4	16QAM	1	3	21.67	21.81	21.92		
1.4	16QAM	1	5	21.86	21.80	21.83		
1.4	16QAM	3	0	21.66	21.79	21.80		
1.4	16QAM	3	1	21.72	21.72	21.99		
1.4	16QAM	3	3	21.61	21.68	21.94		
1.4	16QAM	6	0	21.70	21.69	21.87	23.5	0
1.4	64QAM	1	0	22.26	22.29	22.06	23.5	0
1.4	64QAM	1	3	22.23	22.35	22.21		
1.4	64QAM	1	5	22.29	22.30	22.32		
1.4	64QAM	3	0	22.39	22.25	22.24		
1.4	64QAM	3	1	22.34	22.41	22.34		
1.4	64QAM	3	3	22.15	22.33	22.27		
1.4	64QAM	6	0	21.30	21.37	21.47	22.5	1

Band 66 Ant1 DSI3 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	22.36	22.56	22.49	23.5	0
20	QPSK	1	49	22.50	22.54	22.32		
20	QPSK	1	99	22.42	22.45	22.50		
20	QPSK	50	0	22.02	22.33	22.30	23.5	0
20	QPSK	50	24	22.05	22.20	22.30		
20	QPSK	50	50	22.03	22.08	22.28		
20	QPSK	100	0	22.06	22.30	22.27		
20	16QAM	1	0	21.91	22.05	22.17	23.5	0
20	16QAM	1	49	21.95	22.05	22.13		
20	16QAM	1	99	21.96	22.09	22.13		
20	16QAM	50	0	21.88	21.94	22.08	23.5	0
20	16QAM	50	24	21.85	22.01	22.10		
20	16QAM	50	50	21.86	21.88	22.12		
20	16QAM	100	0	21.85	21.96	22.07		
20	64QAM	1	0	22.38	22.46	22.25	23.5	0
20	64QAM	1	49	22.42	22.48	22.50		
20	64QAM	1	99	22.42	22.47	22.42		
20	64QAM	50	0	21.51	21.49	21.48	22.5	1
20	64QAM	50	24	21.53	21.51	21.45		
20	64QAM	50	50	21.41	21.51	21.37		
20	64QAM	100	0	21.46	21.50	21.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	22.20	22.33	22.35	23.5	0
15	QPSK	1	37	22.32	22.36	22.20		
15	QPSK	1	74	22.31	22.35	22.29		
15	QPSK	36	0	21.89	21.93	22.20	23.5	0
15	QPSK	36	20	21.74	21.94	22.15		
15	QPSK	36	39	21.85	21.78	22.02		
15	QPSK	75	0	21.94	21.96	21.99		
15	16QAM	1	0	21.81	21.86	21.95	23.5	0
15	16QAM	1	37	21.81	21.80	21.95		
15	16QAM	1	74	21.78	21.79	21.83		
15	16QAM	36	0	21.78	21.68	21.86	23.5	0
15	16QAM	36	20	21.63	21.77	21.97		
15	16QAM	36	39	21.62	21.66	21.87		
15	16QAM	75	0	21.66	21.72	21.91		
15	64QAM	1	0	22.25	22.35	21.96	23.5	0
15	64QAM	1	37	22.11	22.21	22.35		
15	64QAM	1	74	22.29	22.22	22.24		
15	64QAM	36	0	21.41	21.27	21.18	22.5	1
15	64QAM	36	20	21.37	21.25	21.25		
15	64QAM	36	39	21.21	21.39	21.16		
15	64QAM	75	0	21.20	21.33	21.49		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	22.24	22.25	22.31	23.5	0
10	QPSK	1	25	22.40	22.27	22.20		
10	QPSK	1	49	22.20	22.24	22.34		
10	QPSK	25	0	21.82	21.90	22.13	23.5	0
10	QPSK	25	12	21.95	21.90	22.20		
10	QPSK	25	25	21.75	21.99	22.01		
10	QPSK	50	0	21.85	21.79	22.08		
10	16QAM	1	0	21.67	21.78	22.07	23.5	0
10	16QAM	1	25	21.84	21.75	22.02		
10	16QAM	1	49	21.81	21.98	22.04		
10	16QAM	25	0	21.72	21.75	21.81	23.5	0
10	16QAM	25	12	21.68	21.77	21.86		
10	16QAM	25	25	21.56	21.76	21.90		
10	16QAM	50	0	21.74	21.86	21.79		
10	64QAM	1	0	22.07	22.35	21.95	23.5	0
10	64QAM	1	25	22.28	22.20	22.27		
10	64QAM	1	49	22.19	22.35	22.31		
10	64QAM	25	0	21.40	21.22	21.19	22.5	1
10	64QAM	25	12	21.27	21.41	21.24		
10	64QAM	25	25	21.20	21.31	21.27		
10	64QAM	50	0	21.31	21.39	21.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	22.18	22.27	22.25	23.5	0
5	QPSK	1	12	22.23	22.28	22.08		
5	QPSK	1	24	22.31	22.28	22.31		
5	QPSK	12	0	21.77	21.90	22.19	23.5	0
5	QPSK	12	7	21.78	21.95	22.20		
5	QPSK	12	13	21.74	21.84	22.06		
5	QPSK	25	0	21.88	21.89	21.98		
5	16QAM	1	0	21.79	21.78	22.00	23.5	0
5	16QAM	1	12	21.70	21.87	21.84		
5	16QAM	1	24	21.76	21.92	21.91		
5	16QAM	12	0	21.70	21.66	21.99	23.5	0
5	16QAM	12	7	21.63	21.77	21.91		
5	16QAM	12	13	21.62	21.64	22.01		
5	16QAM	25	0	21.57	21.80	21.83		
5	64QAM	1	0	22.27	22.35	21.98	23.5	0
5	64QAM	1	12	22.13	22.34	22.24		
5	64QAM	1	24	22.29	22.20	22.16		
5	64QAM	12	0	21.27	21.35	21.30	22.5	1
5	64QAM	12	7	21.40	21.26	21.18		
5	64QAM	12	13	21.26	21.33	21.17		
5	64QAM	25	0	21.24	21.36	21.44		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	22.14	22.46	22.27	23.5	0
3	QPSK	1	8	22.32	22.39	22.22		
3	QPSK	1	14	22.20	22.23	22.20		
3	QPSK	8	0	21.90	21.83	22.13	23.5	0
3	QPSK	8	4	21.86	22.11	22.11		
3	QPSK	8	7	21.86	21.87	22.12		
3	QPSK	15	0	21.77	21.97	22.17		
3	16QAM	1	0	21.62	21.92	21.99	23.5	0
3	16QAM	1	8	21.83	21.87	21.90		
3	16QAM	1	14	21.82	21.96	22.03		
3	16QAM	8	0	21.63	21.69	21.92	23.5	0
3	16QAM	8	4	21.62	21.78	21.79		
3	16QAM	8	7	21.65	21.61	21.95		
3	16QAM	15	0	21.55	21.87	21.84		
3	64QAM	1	0	22.09	22.22	22.08	23.5	0
3	64QAM	1	8	22.28	22.29	22.36		
3	64QAM	1	14	22.20	22.22	22.32		
3	64QAM	8	0	21.32	21.22	21.30	22.5	1
3	64QAM	8	4	21.40	21.20	21.33		
3	64QAM	8	7	21.15	21.22	21.26		
3	64QAM	15	0	21.23	21.37	21.42		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	22.13	22.39	22.40	23.5	0
1.4	QPSK	1	3	22.19	22.24	22.22		
1.4	QPSK	1	5	22.16	22.24	22.35		
1.4	QPSK	3	0	21.73	21.72	22.06		
1.4	QPSK	3	1	21.92	22.09	22.20		
1.4	QPSK	3	3	21.73	21.88	21.98		
1.4	QPSK	6	0	21.76	21.82	22.16	23.5	0
1.4	16QAM	1	0	21.65	21.78	21.92	23.5	0
1.4	16QAM	1	3	21.67	21.81	21.92		
1.4	16QAM	1	5	21.86	21.80	21.83		
1.4	16QAM	3	0	21.66	21.79	21.80		
1.4	16QAM	3	1	21.72	21.72	21.99		
1.4	16QAM	3	3	21.61	21.68	21.94		
1.4	16QAM	6	0	21.70	21.69	21.87	23.5	0
1.4	64QAM	1	0	22.26	22.29	22.06	23.5	0
1.4	64QAM	1	3	22.23	22.35	22.21		
1.4	64QAM	1	5	22.29	22.30	22.32		
1.4	64QAM	3	0	22.39	22.25	22.24		
1.4	64QAM	3	1	22.34	22.41	22.34		
1.4	64QAM	3	3	22.15	22.33	22.27		
1.4	64QAM	6	0	21.30	21.37	21.47	22.5	1

Band 7 Ant2 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.99	18.25	18.23	19.5	0
20	QPSK	1	49	17.98	18.20	18.02		
20	QPSK	1	99	17.95	17.93	17.91		
20	QPSK	50	0	17.94	18.10	17.87	19.5	0
20	QPSK	50	24	17.97	18.05	17.91		
20	QPSK	50	50	17.88	18.06	17.98		
20	QPSK	100	0	17.91	18.07	17.99		
20	16QAM	1	0	17.92	17.84	17.86	19.5	0
20	16QAM	1	49	17.76	17.82	17.75		
20	16QAM	1	99	17.92	17.99	17.92		
20	16QAM	50	0	17.95	17.90	17.80	19.5	0
20	16QAM	50	24	17.89	18.03	18.05		
20	16QAM	50	50	18.00	18.16	17.97		
20	16QAM	100	0	17.93	17.87	18.15		
20	64QAM	1	0	17.82	17.78	17.82	19.5	0
20	64QAM	1	49	17.93	17.98	17.94		
20	64QAM	1	99	17.67	17.82	17.81		
20	64QAM	50	0	17.98	17.88	17.90	19.5	0
20	64QAM	50	24	18.00	18.07	17.89		
20	64QAM	50	50	17.95	18.15	17.93		
20	64QAM	100	0	17.88	17.98	17.85		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.84	18.13	18.22	19.5	0
15	QPSK	1	37	17.94	18.15	17.92		
15	QPSK	1	74	17.86	17.86	17.84		
15	QPSK	36	0	17.86	17.92	17.85	19.5	0
15	QPSK	36	20	17.78	17.89	17.89		
15	QPSK	36	39	17.89	17.97	17.99		
15	QPSK	75	0	17.74	17.94	17.78		
15	16QAM	1	0	17.77	17.69	17.86	19.5	0
15	16QAM	1	37	17.60	17.79	17.60		
15	16QAM	1	74	17.85	17.82	17.85		
15	16QAM	36	0	17.95	17.81	17.62	19.5	0
15	16QAM	36	20	17.84	17.91	18.00		
15	16QAM	36	39	17.90	17.99	17.83		
15	16QAM	75	0	17.93	17.69	18.08		
15	64QAM	1	0	17.64	17.72	17.65	19.5	0
15	64QAM	1	37	17.81	17.78	17.82		
15	64QAM	1	74	17.60	17.78	17.82		
15	64QAM	36	0	17.81	17.87	17.73	19.5	0
15	64QAM	36	20	17.83	18.06	17.88		
15	64QAM	36	39	17.87	18.15	17.87		
15	64QAM	75	0	17.76	17.92	17.74		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.87	18.14	18.14	19.5	0
10	QPSK	1	25	17.94	18.13	18.03		
10	QPSK	1	49	17.77	17.87	17.83		
10	QPSK	25	0	17.89	17.94	17.88	19.5	0
10	QPSK	25	12	17.92	18.00	17.91		
10	QPSK	25	25	17.70	17.91	17.79		
10	QPSK	50	0	17.71	17.96	17.81		
10	16QAM	1	0	17.91	17.75	17.83	19.5	0
10	16QAM	1	25	17.64	17.65	17.75		
10	16QAM	1	49	17.92	17.89	17.94		
10	16QAM	25	0	17.89	17.74	17.61	19.5	0
10	16QAM	25	12	17.73	17.99	18.05		
10	16QAM	25	25	17.95	18.03	17.75		
10	16QAM	50	0	17.95	17.77	18.16		
10	64QAM	1	0	17.66	17.67	17.72	19.5	0
10	64QAM	1	25	17.91	17.78	17.78		
10	64QAM	1	49	17.60	17.73	17.64		
10	64QAM	25	0	17.83	17.69	17.71	19.5	0
10	64QAM	25	12	17.88	18.05	17.76		
10	64QAM	25	25	17.74	17.99	17.89		
10	64QAM	50	0	17.78	17.93	17.84		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.88	18.04	18.13	19.5	0
5	QPSK	1	12	17.92	18.14	17.89		
5	QPSK	1	24	17.76	17.80	17.75		
5	QPSK	12	0	17.81	17.90	17.71	19.5	0
5	QPSK	12	7	17.85	17.96	17.90		
5	QPSK	12	13	17.88	17.96	17.78		
5	QPSK	25	0	17.89	17.88	17.86		
5	16QAM	1	0	17.83	17.68	17.76	19.5	0
5	16QAM	1	12	17.76	17.74	17.71		
5	16QAM	1	24	17.90	17.99	17.76		
5	16QAM	12	0	17.87	17.78	17.65	19.5	0
5	16QAM	12	7	17.83	17.98	17.92		
5	16QAM	12	13	18.00	18.10	17.77		
5	16QAM	25	0	17.80	17.81	18.04		
5	64QAM	1	0	17.63	17.69	17.82	19.5	0
5	64QAM	1	12	17.89	17.93	17.94		
5	64QAM	1	24	17.69	17.83	17.79		
5	64QAM	12	0	17.84	17.89	17.69	19.5	0
5	64QAM	12	7	17.79	17.89	17.73		
5	64QAM	12	13	17.96	18.02	17.84		
5	64QAM	25	0	17.87	17.97	17.86		

Band 7 Ant2 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	14.96	15.32	15.18	16.5	0
20	QPSK	1	49	14.98	15.11	15.03		
20	QPSK	1	99	14.90	14.93	14.84		
20	QPSK	50	0	14.92	15.12	14.86	16.5	0
20	QPSK	50	24	14.90	15.08	15.00		
20	QPSK	50	50	14.91	15.05	14.90		
20	QPSK	100	0	14.86	15.11	14.95		
20	16QAM	1	0	14.99	14.75	14.95	16.5	0
20	16QAM	1	49	14.83	14.75	14.67		
20	16QAM	1	99	15.01	15.06	14.85		
20	16QAM	50	0	14.87	14.80	14.89	16.5	0
20	16QAM	50	24	14.84	15.13	15.03		
20	16QAM	50	50	14.94	15.09	14.91		
20	16QAM	100	0	14.92	14.91	15.23		
20	64QAM	1	0	14.80	14.70	14.80	16.5	0
20	64QAM	1	49	14.91	14.88	14.93		
20	64QAM	1	99	14.68	14.76	14.74		
20	64QAM	50	0	14.94	14.81	14.85	16.5	0
20	64QAM	50	24	15.01	15.03	14.84		
20	64QAM	50	50	15.04	15.23	14.99		
20	64QAM	100	0	14.97	14.96	14.78		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	14.93	15.11	15.17	16.5	0
15	QPSK	1	37	14.84	15.10	14.87		
15	QPSK	1	74	14.75	14.77	14.86		
15	QPSK	36	0	14.74	15.04	14.66	16.5	0
15	QPSK	36	20	14.81	14.92	14.91		
15	QPSK	36	39	14.89	15.05	14.90		
15	QPSK	75	0	14.66	15.05	14.88		
15	16QAM	1	0	14.79	14.56	14.93	16.5	0
15	16QAM	1	37	14.72	14.75	14.62		
15	16QAM	1	74	14.89	14.99	14.81		
15	16QAM	36	0	14.85	14.60	14.68	16.5	0
15	16QAM	36	20	14.71	15.06	14.89		
15	16QAM	36	39	14.83	14.98	14.84		
15	16QAM	75	0	14.74	14.82	15.08		
15	64QAM	1	0	14.66	14.55	14.81	16.5	0
15	64QAM	1	37	14.82	14.71	14.89		
15	64QAM	1	74	14.65	14.71	14.59		
15	64QAM	36	0	14.74	14.71	14.65	16.5	0
15	64QAM	36	20	14.82	15.01	14.72		
15	64QAM	36	39	14.96	15.10	14.92		
15	64QAM	75	0	14.76	14.97	14.58		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	14.83	15.19	15.11	16.5	0
10	QPSK	1	25	14.89	15.12	14.89		
10	QPSK	1	49	14.81	14.75	14.71		
10	QPSK	25	0	14.80	15.07	14.82	16.5	0
10	QPSK	25	12	14.83	14.95	14.79		
10	QPSK	25	25	14.83	14.89	14.75		
10	QPSK	50	0	14.75	14.95	14.91		
10	16QAM	1	0	14.95	14.69	14.87	16.5	0
10	16QAM	1	25	14.80	14.77	14.58		
10	16QAM	1	49	14.92	15.05	14.85		
10	16QAM	25	0	14.80	14.69	14.81	16.5	0
10	16QAM	25	12	14.72	15.03	14.85		
10	16QAM	25	25	14.77	15.05	14.92		
10	16QAM	50	0	14.91	14.74	15.06		
10	64QAM	1	0	14.74	14.65	14.72	16.5	0
10	64QAM	1	25	14.77	14.75	14.90		
10	64QAM	1	49	14.51	14.75	14.60		
10	64QAM	25	0	14.80	14.71	14.67	16.5	0
10	64QAM	25	12	14.86	14.84	14.72		
10	64QAM	25	25	14.99	15.00	14.89		
10	64QAM	50	0	14.99	14.76	14.64		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	14.83	15.13	15.04	16.5	0
5	QPSK	1	12	14.99	15.07	14.99		
5	QPSK	1	24	14.84	14.93	14.72		
5	QPSK	12	0	14.73	15.00	14.72	16.5	0
5	QPSK	12	7	14.89	15.05	14.92		
5	QPSK	12	13	14.80	14.89	14.69		
5	QPSK	25	0	14.71	15.06	14.79		
5	16QAM	1	0	14.94	14.60	14.80	16.5	0
5	16QAM	1	12	14.71	14.71	14.66		
5	16QAM	1	24	14.88	15.08	14.83		
5	16QAM	12	0	14.68	14.66	14.87	16.5	0
5	16QAM	12	7	14.69	14.96	14.88		
5	16QAM	12	13	14.76	14.97	14.90		
5	16QAM	25	0	14.73	14.85	15.05		
5	64QAM	1	0	14.64	14.61	14.65	16.5	0
5	64QAM	1	12	14.93	14.78	14.86		
5	64QAM	1	24	14.56	14.67	14.74		
5	64QAM	12	0	14.78	14.62	14.66	16.5	0
5	64QAM	12	7	14.96	14.96	14.71		
5	64QAM	12	13	14.91	15.04	14.79		
5	64QAM	25	0	14.98	14.97	14.57		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	17.46	17.70	17.41	19	0
20	QPSK	1	49	17.35	17.49	17.29		
20	QPSK	1	99	17.29	17.39	17.38		
20	QPSK	50	0	17.42	17.69	17.68	19	0
20	QPSK	50	24	17.42	17.50	17.43		
20	QPSK	50	50	17.30	17.46	17.35		
20	QPSK	100	0	17.40	17.59	17.28		
20	16QAM	1	0	17.38	17.16	17.15	19	0
20	16QAM	1	49	17.38	17.41	17.34		
20	16QAM	1	99	17.14	17.20	17.27		
20	16QAM	50	0	17.26	17.58	17.48	19	0
20	16QAM	50	24	17.26	17.22	17.21		
20	16QAM	50	50	17.26	17.45	17.49		
20	16QAM	100	0	17.52	17.52	17.54		
20	64QAM	1	0	17.11	17.19	17.28	19	0
20	64QAM	1	49	17.33	17.31	17.21		
20	64QAM	1	99	17.19	17.10	17.18		
20	64QAM	50	0	17.23	17.24	17.16	19	0
20	64QAM	50	24	17.29	17.41	17.29		
20	64QAM	50	50	17.46	17.58	17.43		
20	64QAM	100	0	17.47	17.48	17.47		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	17.30	17.62	17.35	19	0
15	QPSK	1	37	17.37	17.33	17.28		
15	QPSK	1	74	17.20	17.39	17.20		
15	QPSK	36	0	17.21	17.38	17.55	19	0
15	QPSK	36	20	17.43	17.30	17.32		
15	QPSK	36	39	17.21	17.29	17.27		
15	QPSK	75	0	17.35	17.48	17.28		
15	16QAM	1	0	17.17	17.08	17.09	19	0
15	16QAM	1	37	17.16	17.25	17.35		
15	16QAM	1	74	17.01	17.12	17.28		
15	16QAM	36	0	17.17	17.53	17.40	19	0
15	16QAM	36	20	17.10	17.06	17.17		
15	16QAM	36	39	17.05	17.41	17.48		
15	16QAM	75	0	17.42	17.38	17.45		
15	64QAM	1	0	17.09	17.08	17.19	19	0
15	64QAM	1	37	17.14	17.33	17.17		
15	64QAM	1	74	17.00	17.03	17.01		
15	64QAM	36	0	17.38	17.18	17.33	19	0
15	64QAM	36	20	17.19	17.32	17.24		
15	64QAM	36	39	17.40	17.55	17.38		
15	64QAM	75	0	17.29	17.48	17.47		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	17.26	17.56	17.30	19	0
10	QPSK	1	25	17.15	17.46	17.08		
10	QPSK	1	49	17.31	17.39	17.19		
10	QPSK	25	0	17.43	17.67	17.68	19	0
10	QPSK	25	12	17.36	17.44	17.39		
10	QPSK	25	25	17.32	17.30	17.32		
10	QPSK	50	0	17.22	17.40	17.23		
10	16QAM	1	0	17.37	17.17	17.00	19	0
10	16QAM	1	25	17.22	17.36	17.19		
10	16QAM	1	49	17.01	17.19	17.20		
10	16QAM	25	0	17.12	17.41	17.34	19	0
10	16QAM	25	12	17.15	17.22	17.20		
10	16QAM	25	25	17.17	17.33	17.28		
10	16QAM	50	0	17.46	17.45	17.52		
10	64QAM	1	0	17.01	17.27	17.28	19	0
10	64QAM	1	25	17.21	17.19	17.12		
10	64QAM	1	49	17.03	17.34	17.11		
10	64QAM	25	0	17.07	17.17	17.21	19	0
10	64QAM	25	12	17.09	17.27	17.11		
10	64QAM	25	25	17.27	17.54	17.29		
10	64QAM	50	0	17.38	17.36	17.33		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	17.39	17.63	17.26	19	0
5	QPSK	1	12	17.17	17.36	17.14		
5	QPSK	1	24	17.22	17.23	17.21		
5	QPSK	12	0	17.23	17.54	17.46	19	0
5	QPSK	12	7	17.34	17.52	17.44		
5	QPSK	12	13	17.15	17.24	17.33		
5	QPSK	25	0	17.40	17.38	17.20		
5	16QAM	1	0	17.25	17.00	17.05	19	0
5	16QAM	1	12	17.36	17.28	17.16		
5	16QAM	1	24	17.24	17.10	17.13		
5	16QAM	12	0	17.23	17.41	17.41	19	0
5	16QAM	12	7	17.27	17.13	17.01		
5	16QAM	12	13	17.28	17.26	17.40		
5	16QAM	25	0	17.35	17.45	17.39		
5	64QAM	1	0	17.28	17.15	17.24	19	0
5	64QAM	1	12	17.26	17.22	17.15		
5	64QAM	1	24	17.13	17.06	17.34		
5	64QAM	12	0	17.02	17.03	17.09	19	0
5	64QAM	12	7	17.13	17.27	17.08		
5	64QAM	12	13	17.25	17.36	17.44		
5	64QAM	25	0	17.33	17.48	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	17.72	17.64	18.05	17.65	17.67	19	0
20	QPSK	1	49	17.72	17.70	17.89	17.73	17.76		
20	QPSK	1	99	17.63	17.72	17.70	17.65	17.72		
20	QPSK	50	0	17.71	17.69	18.03	17.86	17.70	19	0
20	QPSK	50	24	17.58	17.77	17.75	17.84	17.72		
20	QPSK	50	50	17.68	17.84	17.96	17.58	17.72		
20	QPSK	100	0	17.70	17.77	17.87	17.82	17.76		
20	16QAM	1	0	17.79	17.54	17.94	17.71	17.61	19	0
20	16QAM	1	49	17.94	17.76	17.72	17.72	17.61		
20	16QAM	1	99	17.57	17.48	17.72	17.82	17.74		
20	16QAM	50	0	17.75	17.79	17.88	17.75	17.85	19	0
20	16QAM	50	24	17.85	17.72	17.67	17.77	17.61		
20	16QAM	50	50	17.51	17.59	17.90	17.77	17.86		
20	16QAM	100	0	17.74	17.71	17.90	17.86	17.68		
20	64QAM	1	0	17.54	17.60	17.68	17.68	17.56	19	0
20	64QAM	1	49	17.60	17.76	17.92	17.72	17.80		
20	64QAM	1	99	17.47	17.72	17.89	17.53	17.47		
20	64QAM	50	0	17.64	17.80	17.64	17.80	17.57	19	0
20	64QAM	50	24	17.90	17.77	17.64	17.91	17.57		
20	64QAM	50	50	17.76	17.65	17.82	17.68	17.80		
20	64QAM	100	0	17.99	17.76	17.60	17.89	17.70		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	17.60	17.61	17.49	17.48	17.61	19.00	0
15	QPSK	1	37	17.60	17.49	17.81	17.57	17.71		
15	QPSK	1	74	17.53	17.65	17.48	17.52	17.69		
15	QPSK	36	0	17.60	17.47	17.82	17.81	17.62	19	0
15	QPSK	36	20	17.40	17.76	17.68	17.64	17.66		
15	QPSK	36	39	17.59	17.84	17.79	17.55	17.70		
15	QPSK	75	0	17.54	17.60	17.57	17.71	17.72		
15	16QAM	1	0	17.79	17.34	17.65	17.73	17.45	19	0
15	16QAM	1	37	17.49	17.68	17.60	17.58	17.53		
15	16QAM	1	74	17.57	17.54	17.58	17.74	17.65		
15	16QAM	36	0	17.62	17.61	17.70	17.65	17.83	19	0
15	16QAM	36	20	17.68	17.57	17.53	17.74	17.42		
15	16QAM	36	39	17.52	17.49	17.84	17.71	17.87		
15	16QAM	75	0	17.53	17.56	17.74	17.66	17.67		
15	64QAM	1	0	17.34	17.60	17.68	17.57	17.57	19	0
15	64QAM	1	37	17.60	17.69	17.75	17.66	17.70		
15	64QAM	1	74	17.31	17.52	17.72	17.55	17.40		
15	64QAM	36	0	17.53	17.72	17.53	17.71	17.52	19	0
15	64QAM	36	20	17.78	17.69	17.43	17.73	17.38		
15	64QAM	36	39	17.70	17.47	17.65	17.65	17.66		
15	64QAM	75	0	17.83	17.64	17.55	17.84	17.59		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	17.65	17.57	17.85	17.64	17.57	19.00	0
10	QPSK	1	25	17.56	17.64	17.87	17.60	17.65		
10	QPSK	1	49	17.49	17.69	17.56	17.44	17.54		
10	QPSK	25	0	17.68	17.61	17.45	17.77	17.57	19	0
10	QPSK	25	12	17.50	17.70	17.70	17.52	17.45		
10	QPSK	25	25	17.47	17.75	17.84	17.51	17.72		
10	QPSK	50	0	17.53	17.63	17.80	17.80	17.75		
10	16QAM	1	0	17.76	17.55	17.61	17.65	17.41	19	0
10	16QAM	1	25	17.49	17.57	17.54	17.65	17.42		
10	16QAM	1	49	17.54	17.46	17.70	17.67	17.65		
10	16QAM	25	0	17.55	17.78	17.82	17.62	17.86	19	0
10	16QAM	25	12	17.64	17.59	17.51	17.72	17.51		
10	16QAM	25	25	17.39	17.37	17.78	17.71	17.84		
10	16QAM	50	0	17.69	17.62	17.87	17.85	17.55		
10	64QAM	1	0	17.38	17.55	17.47	17.65	17.51	19	0
10	64QAM	1	25	17.42	17.72	17.45	17.58	17.74		
10	64QAM	1	49	17.36	17.59	17.85	17.46	17.38		
10	64QAM	25	0	17.53	17.61	17.53	17.67	17.48	19	0
10	64QAM	25	12	17.86	17.67	17.60	17.79	17.54		
10	64QAM	25	25	17.71	17.50	17.76	17.48	17.67		
10	64QAM	50	0	17.88	17.67	17.59	17.82	17.61		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	17.64	17.58	17.84	17.60	17.65	19.00	0
5	QPSK	1	12	17.71	17.65	17.89	17.53	17.62		
5	QPSK	1	24	17.59	17.56	17.56	17.44	17.62		
5	QPSK	12	0	17.65	17.53	17.49	17.73	17.58	19	0
5	QPSK	12	7	17.44	17.56	17.60	17.85	17.64		
5	QPSK	12	13	17.65	17.81	17.86	17.59	17.60		
5	QPSK	25	0	17.56	17.63	17.70	17.69	17.75		
5	16QAM	1	0	17.70	17.41	17.79	17.68	17.41	19	0
5	16QAM	1	12	17.75	17.73	17.56	17.52	17.59		
5	16QAM	1	24	17.50	17.35	17.52	17.63	17.75		
5	16QAM	12	0	17.74	17.70	17.71	17.67	17.73	19	0
5	16QAM	12	7	17.86	17.67	17.67	17.71	17.51		
5	16QAM	12	13	17.40	17.59	17.77	17.66	17.65		
5	16QAM	25	0	17.76	17.58	17.89	17.76	17.47		
5	64QAM	1	0	17.35	17.47	17.46	17.59	17.34	19	0
5	64QAM	1	12	17.46	17.69	17.78	17.62	17.76		
5	64QAM	1	24	17.43	17.68	17.75	17.46	17.44		
5	64QAM	12	0	17.44	17.58	17.57	17.68	17.36	19	0
5	64QAM	12	7	17.74	17.61	17.64	17.76	17.57		
5	64QAM	12	13	17.69	17.60	17.75	17.69	17.71		
5	64QAM	25	0	17.95	17.70	17.49	17.83	17.70		

GSM1900 Ant4 DSI1

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.17	26.20	26.14	27.00	17.17	17.20	17.14	18.00
GPRS 1 Tx slot	26.35	26.19	26.13	27.00	17.35	17.19	17.13	18.00
GPRS 2 Tx slots	27.14	27.12	27.20	28.50	21.14	21.12	21.20	22.50
GPRS 3 Tx slots	24.83	24.68	24.56	25.50	20.57	20.42	20.30	21.24
GPRS 4 Tx slots	23.69	23.49	23.40	24.50	20.69	20.49	20.40	21.50
EDGE 1 Tx slot	23.91	23.71	23.41	24.50	14.91	14.71	14.41	15.50
EDGE 2 Tx slots	22.79	22.66	22.45	23.50	16.79	16.66	16.45	17.50
EDGE 3 Tx slots	20.78	20.62	20.51	21.50	16.52	16.36	16.25	17.24
EDGE 4 Tx slots	19.50	19.32	19.13	20.50	16.50	16.32	16.13	17.50

		WCDMA II Ant4 DSI1				WCDMA IV Ant4 DSI1				WCDMA V Ant4 DSI1			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	18.94	19.24	19.05	19.50	18.02	17.98	17.95	19.50	22.26	22.44	22.33	23.50
3GPP Rel 99	RMC 12.2Kbps	18.95	19.26	19.07	19.50	18.06	18.16	18.10	19.50	22.47	22.55	22.46	23.50
3GPP Rel 6	HSDPA Subtest-1	17.99	18.31	18.01	18.50	17.06	17.10	17.04	18.50	21.57	21.56	21.57	22.50
3GPP Rel 6	HSDPA Subtest-2	17.87	18.22	18.08	18.50	17.13	17.17	16.99	18.50	21.44	21.55	21.54	22.50
3GPP Rel 6	HSDPA Subtest-3	17.39	17.65	17.59	18.00	16.59	16.68	16.56	18.00	20.96	21.08	21.04	22.00
3GPP Rel 6	HSDPA Subtest-4	17.56	17.80	17.48	18.00	16.49	16.69	16.64	18.00	21.05	21.17	20.86	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	17.85	18.24	18.16	18.50	16.97	17.10	17.03	18.50	21.44	21.56	21.39	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	17.89	18.23	18.07	18.50	17.16	17.18	17.07	18.50	21.41	21.48	21.46	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	17.42	17.79	17.62	18.00	16.64	16.70	16.58	18.00	20.87	21.09	21.01	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	17.49	17.67	17.65	18.00	16.46	16.67	16.64	18.00	20.86	20.94	20.90	22.00
3GPP Rel 6	HSUPA Subtest-1	17.99	18.21	18.08	18.50	16.95	17.16	17.13	18.50	21.52	21.52	21.55	22.50
3GPP Rel 6	HSUPA Subtest-2	15.92	16.36	16.03	16.50	15.17	15.26	15.18	16.50	19.37	19.66	19.58	20.50
3GPP Rel 6	HSUPA Subtest-3	17.05	17.28	17.15	17.50	16.18	16.05	16.07	17.50	20.37	20.60	20.45	21.50
3GPP Rel 6	HSUPA Subtest-4	15.98	16.18	16.10	16.50	15.05	15.24	15.22	16.50	19.40	19.67	19.41	20.50
3GPP Rel 6	HSUPA Subtest-5	17.83	18.16	18.16	18.50	17.17	17.20	16.98	18.50	21.41	21.54	21.40	22.50

Band 2 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	18.92	19.08	18.72	19.5	0
20	QPSK	1	49	19.07	19.02	18.97		
20	QPSK	1	99	18.94	18.88	18.97		
20	QPSK	50	0	18.93	18.98	18.74	19.5	0
20	QPSK	50	24	18.87	18.82	18.70		
20	QPSK	50	50	18.72	18.73	18.65		
20	QPSK	100	0	18.82	18.83	18.69		
20	16QAM	1	0	19.00	18.93	18.86	19.5	0
20	16QAM	1	49	19.07	18.97	19.03		
20	16QAM	1	99	18.94	18.78	18.78		
20	16QAM	50	0	19.07	18.93	19.00	19.5	0
20	16QAM	50	24	19.00	19.05	18.97		
20	16QAM	50	50	18.87	18.90	18.86		
20	16QAM	100	0	19.02	19.00	18.92		
20	64QAM	1	0	18.98	18.91	18.82	19.5	0
20	64QAM	1	49	19.00	18.91	18.97		
20	64QAM	1	99	18.88	18.74	18.66		
20	64QAM	50	0	18.96	18.94	18.98	19.5	0
20	64QAM	50	24	19.00	19.01	18.96		
20	64QAM	50	50	18.83	18.97	18.82		
20	64QAM	100	0	18.90	18.85	18.92		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	18.87	19.04	18.56	19.5	0
15	QPSK	1	37	18.92	18.95	18.92		
15	QPSK	1	74	18.74	18.89	18.78		
15	QPSK	36	0	18.74	18.81	18.71	19.5	0
15	QPSK	36	20	18.87	18.74	18.60		
15	QPSK	36	39	18.53	18.60	18.62		
15	QPSK	75	0	18.70	18.54	18.57		
15	16QAM	1	0	18.89	18.75	18.81	19.5	0
15	16QAM	1	37	19.02	18.91	18.86		
15	16QAM	1	74	18.78	18.62	18.75		
15	16QAM	36	0	19.03	18.87	18.99	19.5	0
15	16QAM	36	20	18.93	18.96	18.78		
15	16QAM	36	39	18.81	18.78	18.85		
15	16QAM	75	0	18.99	18.99	18.77		
15	64QAM	1	0	18.89	18.88	18.81	19.5	0
15	64QAM	1	37	19.00	18.85	18.82		
15	64QAM	1	74	18.74	18.68	18.57		
15	64QAM	36	0	18.88	18.83	18.83	19.5	0
15	64QAM	36	20	19.01	18.96	18.90		
15	64QAM	36	39	18.71	18.93	18.70		
15	64QAM	75	0	18.71	18.64	18.91		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.89	18.96	18.54	19.5	0
10	QPSK	1	25	18.99	18.99	18.94		
10	QPSK	1	49	18.73	18.74	18.94		
10	QPSK	25	0	18.87	18.63	18.58	19.5	0
10	QPSK	25	12	18.84	18.81	18.66		
10	QPSK	25	25	18.57	18.65	18.45		
10	QPSK	50	0	18.82	18.70	18.60		
10	16QAM	1	0	19.03	18.75	18.73	19.5	0
10	16QAM	1	25	18.87	18.82	18.85		
10	16QAM	1	49	18.75	18.75	18.69		
10	16QAM	25	0	19.02	18.73	18.80	19.5	0
10	16QAM	25	12	18.88	18.87	18.90		
10	16QAM	25	25	18.68	18.74	18.74		
10	16QAM	50	0	18.93	19.00	18.76		
10	64QAM	1	0	18.86	18.80	18.71	19.5	0
10	64QAM	1	25	18.90	18.86	18.97		
10	64QAM	1	49	18.77	18.66	18.58		
10	64QAM	25	0	18.85	18.91	18.87	19.5	0
10	64QAM	25	12	18.93	19.02	18.85		
10	64QAM	25	25	18.70	18.80	18.76		
10	64QAM	50	0	18.79	18.65	18.86		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	18.73	18.92	18.54	19.5	0
5	QPSK	1	12	18.95	18.99	18.76		
5	QPSK	1	24	18.79	18.80	18.79		
5	QPSK	12	0	18.75	18.76	18.70	19.5	0
5	QPSK	12	7	18.81	18.78	18.71		
5	QPSK	12	13	18.61	18.55	18.54		
5	QPSK	25	0	18.69	18.62	18.55		
5	16QAM	1	0	18.97	18.79	18.84	19.5	0
5	16QAM	1	12	19.01	18.83	18.94		
5	16QAM	1	24	18.82	18.69	18.65		
5	16QAM	12	0	19.04	18.73	18.93	19.5	0
5	16QAM	12	7	18.94	19.04	18.92		
5	16QAM	12	13	18.72	18.85	18.85		
5	16QAM	25	0	18.87	18.82	18.75		
5	64QAM	1	0	18.96	18.87	18.79	19.5	0
5	64QAM	1	12	19.00	18.75	18.87		
5	64QAM	1	24	18.87	18.59	18.65		
5	64QAM	12	0	18.84	18.94	18.84	19.5	0
5	64QAM	12	7	18.83	19.03	18.92		
5	64QAM	12	13	18.69	18.97	18.82		
5	64QAM	25	0	18.85	18.67	18.76		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.84	18.91	18.65	19.5	0
3	QPSK	1	8	18.93	18.90	18.95		
3	QPSK	1	14	18.87	18.76	18.94		
3	QPSK	8	0	18.94	18.66	18.61	19.5	0
3	QPSK	8	4	18.72	18.76	18.64		
3	QPSK	8	7	18.58	18.72	18.50		
3	QPSK	15	0	18.65	18.66	18.58		
3	16QAM	1	0	19.05	18.87	18.72	19.5	0
3	16QAM	1	8	19.01	18.94	18.87		
3	16QAM	1	14	18.86	18.73	18.63		
3	16QAM	8	0	18.92	18.91	18.87	19.5	0
3	16QAM	8	4	18.80	18.85	18.78		
3	16QAM	8	7	18.83	18.81	18.86		
3	16QAM	15	0	18.93	18.92	18.88		
3	64QAM	1	0	18.81	18.78	18.68	19.5	0
3	64QAM	1	8	19.04	18.76	18.96		
3	64QAM	1	14	18.70	18.62	18.54		
3	64QAM	8	0	18.94	18.88	18.89	19.5	0
3	64QAM	8	4	18.90	18.95	18.93		
3	64QAM	8	7	18.78	18.88	18.72		
3	64QAM	15	0	18.71	18.76	18.87		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	18.89	18.88	18.68	19.5	0
1.4	QPSK	1	3	19.05	18.81	18.85		
1.4	QPSK	1	5	18.83	18.70	18.87		
1.4	QPSK	3	0	18.75	18.73	18.59		
1.4	QPSK	3	1	18.84	18.62	18.59		
1.4	QPSK	3	3	18.64	18.61	18.47		
1.4	QPSK	6	0	18.67	18.71	18.54	19.5	0
1.4	16QAM	1	0	19.02	18.87	18.74	19.5	0
1.4	16QAM	1	3	18.88	18.97	19.01		
1.4	16QAM	1	5	18.90	18.58	18.69		
1.4	16QAM	3	0	18.92	18.82	18.93		
1.4	16QAM	3	1	18.99	19.01	18.85		
1.4	16QAM	3	3	18.79	18.84	18.67		
1.4	16QAM	6	0	18.86	18.89	18.83	19.5	0
1.4	64QAM	1	0	18.80	18.85	18.63	19.5	0
1.4	64QAM	1	3	18.96	18.78	18.84		
1.4	64QAM	1	5	18.81	18.57	18.61		
1.4	64QAM	3	0	18.76	18.76	18.85		
1.4	64QAM	3	1	18.98	19.04	18.82		
1.4	64QAM	3	3	18.79	18.83	18.75		
1.4	64QAM	6	0	18.75	18.75	18.85	19.5	0

Band 2 Ant4 DSI1 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	15.31	15.66	15.27	16.5	0
20	QPSK	1	49	15.48	15.58	15.50		
20	QPSK	1	99	15.36	15.48	15.49		
20	QPSK	50	0	15.39	15.60	15.37	16.5	0
20	QPSK	50	24	15.56	15.56	15.43		
20	QPSK	50	50	15.53	15.59	15.49		
20	QPSK	100	0	15.53	15.64	15.54		
20	16QAM	1	0	15.45	15.52	15.35	16.5	0
20	16QAM	1	49	15.60	15.60	15.56		
20	16QAM	1	99	15.56	15.57	15.59		
20	16QAM	50	0	15.57	15.53	15.44	16.5	0
20	16QAM	50	24	15.51	15.57	15.54		
20	16QAM	50	50	15.41	15.55	15.53		
20	16QAM	100	0	15.52	15.56	15.53		
20	64QAM	1	0	15.52	15.52	15.45	16.5	0
20	64QAM	1	49	15.55	15.59	15.58		
20	64QAM	1	99	15.60	15.57	15.55		
20	64QAM	50	0	15.49	15.53	15.44	16.5	0
20	64QAM	50	24	15.52	15.59	15.43		
20	64QAM	50	50	15.53	15.54	15.42		
20	64QAM	100	0	15.57	15.54	15.40		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	15.23	15.46	15.28	16.5	0
15	QPSK	1	37	15.54	15.54	15.46		
15	QPSK	1	74	15.35	15.43	15.39		
15	QPSK	36	0	15.32	15.58	15.39	16.5	0
15	QPSK	36	20	15.54	15.45	15.32		
15	QPSK	36	39	15.42	15.58	15.46		
15	QPSK	75	0	15.38	15.58	15.48		
15	16QAM	1	0	15.34	15.48	15.25	16.5	0
15	16QAM	1	37	15.61	15.51	15.62		
15	16QAM	1	74	15.41	15.52	15.49		
15	16QAM	36	0	15.57	15.55	15.37	16.5	0
15	16QAM	36	20	15.38	15.41	15.59		
15	16QAM	36	39	15.39	15.56	15.58		
15	16QAM	75	0	15.50	15.45	15.54		
15	64QAM	1	0	15.44	15.55	15.49	16.5	0
15	64QAM	1	37	15.54	15.44	15.43		
15	64QAM	1	74	15.55	15.49	15.46		
15	64QAM	36	0	15.48	15.42	15.46	16.5	0
15	64QAM	36	20	15.40	15.42	15.43		
15	64QAM	36	39	15.40	15.49	15.28		
15	64QAM	75	0	15.48	15.55	15.32		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	15.34	15.49	15.31	16.5	0
10	QPSK	1	25	15.35	15.62	15.37		
10	QPSK	1	49	15.32	15.34	15.50		
10	QPSK	25	0	15.26	15.47	15.35	16.5	0
10	QPSK	25	12	15.46	15.42	15.44		
10	QPSK	25	25	15.59	15.52	15.33		
10	QPSK	50	0	15.56	15.44	15.49		
10	16QAM	1	0	15.47	15.50	15.26	16.5	0
10	16QAM	1	25	15.63	15.63	15.41		
10	16QAM	1	49	15.62	15.63	15.44		
10	16QAM	25	0	15.45	15.41	15.35	16.5	0
10	16QAM	25	12	15.52	15.54	15.43		
10	16QAM	25	25	15.45	15.39	15.38		
10	16QAM	50	0	15.40	15.53	15.43		
10	64QAM	1	0	15.46	15.56	15.45	16.5	0
10	64QAM	1	25	15.41	15.48	15.61		
10	64QAM	1	49	15.64	15.46	15.54		
10	64QAM	25	0	15.43	15.50	15.43	16.5	0
10	64QAM	25	12	15.47	15.43	15.36		
10	64QAM	25	25	15.41	15.49	15.44		
10	64QAM	50	0	15.46	15.44	15.38		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	15.22	15.49	15.10	16.5	0
5	QPSK	1	12	15.51	15.58	15.46		
5	QPSK	1	24	15.31	15.50	15.36		
5	QPSK	12	0	15.35	15.38	15.39	16.5	0
5	QPSK	12	7	15.57	15.40	15.41		
5	QPSK	12	13	15.59	15.56	15.50		
5	QPSK	25	0	15.53	15.54	15.53		
5	16QAM	1	0	15.31	15.52	15.36	16.5	0
5	16QAM	1	12	15.55	15.57	15.43		
5	16QAM	1	24	15.59	15.60	15.55		
5	16QAM	12	0	15.42	15.47	15.27	16.5	0
5	16QAM	12	7	15.43	15.44	15.37		
5	16QAM	12	13	15.28	15.45	15.52		
5	16QAM	25	0	15.56	15.61	15.47		
5	64QAM	1	0	15.52	15.36	15.45	16.5	0
5	64QAM	1	12	15.45	15.62	15.44		
5	64QAM	1	24	15.52	15.45	15.41		
5	64QAM	12	0	15.50	15.60	15.45	16.5	0
5	64QAM	12	7	15.53	15.45	15.43		
5	64QAM	12	13	15.38	15.58	15.42		
5	64QAM	25	0	15.43	15.57	15.27		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	15.33	15.51	15.19	16.5	0
3	QPSK	1	8	15.33	15.51	15.52		
3	QPSK	1	14	15.38	15.44	15.35		
3	QPSK	8	0	15.38	15.44	15.40	16.5	0
3	QPSK	8	4	15.49	15.50	15.38		
3	QPSK	8	7	15.45	15.53	15.36		
3	QPSK	15	0	15.54	15.63	15.38		
3	16QAM	1	0	15.47	15.45	15.41	16.5	0
3	16QAM	1	8	15.59	15.61	15.59		
3	16QAM	1	14	15.50	15.40	15.44		
3	16QAM	8	0	15.52	15.40	15.41	16.5	0
3	16QAM	8	4	15.57	15.55	15.55		
3	16QAM	8	7	15.25	15.41	15.54		
3	16QAM	15	0	15.51	15.54	15.42		
3	64QAM	1	0	15.45	15.53	15.36	16.5	0
3	64QAM	1	8	15.61	15.65	15.61		
3	64QAM	1	14	15.65	15.44	15.43		
3	64QAM	8	0	15.51	15.47	15.47	16.5	0
3	64QAM	8	4	15.54	15.59	15.48		
3	64QAM	8	7	15.46	15.44	15.33		
3	64QAM	15	0	15.52	15.44	15.44		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	15.25	15.56	15.12	16.5	0
1.4	QPSK	1	3	15.38	15.49	15.46		
1.4	QPSK	1	5	15.43	15.33	15.43		
1.4	QPSK	3	0	15.37	15.43	15.36		
1.4	QPSK	3	1	15.45	15.46	15.30		
1.4	QPSK	3	3	15.37	15.54	15.37		
1.4	QPSK	6	0	15.37	15.46	15.43	16.5	0
1.4	16QAM	1	0	15.47	15.50	15.29	16.5	0
1.4	16QAM	1	3	15.58	15.59	15.56		
1.4	16QAM	1	5	15.52	15.50	15.61		
1.4	16QAM	3	0	15.51	15.37	15.46		
1.4	16QAM	3	1	15.36	15.57	15.55		
1.4	16QAM	3	3	15.36	15.43	15.50		
1.4	16QAM	6	0	15.48	15.50	15.55	16.5	0
1.4	64QAM	1	0	15.53	15.37	15.31	16.5	0
1.4	64QAM	1	3	15.54	15.48	15.50		
1.4	64QAM	1	5	15.53	15.57	15.57		
1.4	64QAM	3	0	15.36	15.59	15.34		
1.4	64QAM	3	1	15.58	15.46	15.28		
1.4	64QAM	3	3	15.39	15.42	15.41		
1.4	64QAM	6	0	15.57	15.54	15.45	16.5	0

Band 4 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	18.66	18.87	18.84	20	0
20	QPSK	1	49	18.65	18.68	18.86		
20	QPSK	1	99	18.66	18.72	18.83		
20	QPSK	50	0	18.54	18.72	18.71	20	0
20	QPSK	50	24	18.46	18.49	18.70		
20	QPSK	50	50	18.50	18.46	18.69		
20	QPSK	100	0	18.34	18.68	18.53		
20	16QAM	1	0	18.65	18.71	18.77	20	0
20	16QAM	1	49	18.68	18.61	18.84		
20	16QAM	1	99	18.67	18.69	18.86		
20	16QAM	50	0	18.69	18.70	18.86	20	0
20	16QAM	50	24	18.67	18.70	18.86		
20	16QAM	50	50	18.71	18.69	18.85		
20	16QAM	100	0	18.75	18.73	18.80		
20	64QAM	1	0	18.80	18.85	18.74	20	0
20	64QAM	1	49	18.86	18.84	18.85		
20	64QAM	1	99	18.86	18.80	18.81		
20	64QAM	50	0	18.85	18.71	18.86	20	0
20	64QAM	50	24	18.84	18.80	18.84		
20	64QAM	50	50	18.70	18.77	18.78		
20	64QAM	100	0	18.82	18.69	18.78		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	18.60	18.85	18.79	20	0
15	QPSK	1	37	18.60	18.55	18.70		
15	QPSK	1	74	18.65	18.57	18.63		
15	QPSK	36	0	18.45	18.41	18.68	20	0
15	QPSK	36	20	18.41	18.39	18.67		
15	QPSK	36	39	18.29	18.32	18.50		
15	QPSK	75	0	18.15	18.41	18.52		
15	16QAM	1	0	18.53	18.61	18.69	20	0
15	16QAM	1	37	18.60	18.55	18.79		
15	16QAM	1	74	18.51	18.59	18.84		
15	16QAM	36	0	18.58	18.51	18.68	20	0
15	16QAM	36	20	18.53	18.63	18.80		
15	16QAM	36	39	18.62	18.51	18.83		
15	16QAM	75	0	18.60	18.69	18.84		
15	64QAM	1	0	18.73	18.82	18.57	20	0
15	64QAM	1	37	18.84	18.84	18.86		
15	64QAM	1	74	18.85	18.81	18.87		
15	64QAM	36	0	18.85	18.62	18.86	20	0
15	64QAM	36	20	18.73	18.80	18.64		
15	64QAM	36	39	18.61	18.61	18.69		
15	64QAM	75	0	18.62	18.50	18.64		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	18.66	18.75	18.77	20	0
10	QPSK	1	25	18.45	18.67	18.80		
10	QPSK	1	49	18.54	18.52	18.73		
10	QPSK	25	0	18.36	18.33	18.65	20	0
10	QPSK	25	12	18.33	18.43	18.70		
10	QPSK	25	25	18.49	18.34	18.57		
10	QPSK	50	0	18.23	18.41	18.38		
10	16QAM	1	0	18.58	18.67	18.68	20	0
10	16QAM	1	25	18.56	18.54	18.87		
10	16QAM	1	49	18.48	18.54	18.74		
10	16QAM	25	0	18.57	18.62	18.74	20	0
10	16QAM	25	12	18.58	18.56	18.71		
10	16QAM	25	25	18.50	18.64	18.80		
10	16QAM	50	0	18.68	18.71	18.84		
10	64QAM	1	0	18.75	18.86	18.55	20	0
10	64QAM	1	25	18.83	18.84	18.86		
10	64QAM	1	49	18.66	18.85	18.86		
10	64QAM	25	0	18.70	18.64	18.70	20	0
10	64QAM	25	12	18.78	18.62	18.66		
10	64QAM	25	25	18.54	18.77	18.58		
10	64QAM	50	0	18.62	18.52	18.69		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	18.58	18.84	18.71	20	0
5	QPSK	1	12	18.58	18.68	18.75		
5	QPSK	1	24	18.50	18.55	18.78		
5	QPSK	12	0	18.37	18.42	18.63	20	0
5	QPSK	12	7	18.39	18.41	18.55		
5	QPSK	12	13	18.35	18.45	18.65		
5	QPSK	25	0	18.28	18.34	18.34		
5	16QAM	1	0	18.65	18.53	18.70	20	0
5	16QAM	1	12	18.67	18.59	18.70		
5	16QAM	1	24	18.50	18.55	18.74		
5	16QAM	12	0	18.58	18.63	18.80	20	0
5	16QAM	12	7	18.65	18.50	18.80		
5	16QAM	12	13	18.68	18.65	18.85		
5	16QAM	25	0	18.64	18.71	18.75		
5	64QAM	1	0	18.73	18.76	18.56	20	0
5	64QAM	1	12	18.86	18.84	18.85		
5	64QAM	1	24	18.73	18.86	18.85		
5	64QAM	12	0	18.70	18.64	18.71	20	0
5	64QAM	12	7	18.68	18.69	18.85		
5	64QAM	12	13	18.71	18.72	18.78		
5	64QAM	25	0	18.78	18.55	18.61		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	18.51	18.72	18.71	20	0
3	QPSK	1	8	18.53	18.47	18.81		
3	QPSK	1	14	18.64	18.55	18.78		
3	QPSK	8	0	18.47	18.38	18.55	20	0
3	QPSK	8	4	18.41	18.40	18.52		
3	QPSK	8	7	18.45	18.43	18.67		
3	QPSK	15	0	18.29	18.42	18.41		
3	16QAM	1	0	18.45	18.52	18.64	20	0
3	16QAM	1	8	18.65	18.60	18.68		
3	16QAM	1	14	18.68	18.53	18.77		
3	16QAM	8	0	18.56	18.54	18.81	20	0
3	16QAM	8	4	18.58	18.65	18.72		
3	16QAM	8	7	18.68	18.56	18.79		
3	16QAM	15	0	18.61	18.61	18.83		
3	64QAM	1	0	18.76	18.83	18.56	20	0
3	64QAM	1	8	18.83	18.85	18.86		
3	64QAM	1	14	18.70	18.87	18.81		
3	64QAM	8	0	18.72	18.68	18.71	20	0
3	64QAM	8	4	18.67	18.73	18.84		
3	64QAM	8	7	18.66	18.72	18.75		
3	64QAM	15	0	18.76	18.58	18.64		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	18.57	18.81	18.72	20	0
1.4	QPSK	1	3	18.65	18.49	18.86		
1.4	QPSK	1	5	18.57	18.66	18.72		
1.4	QPSK	3	0	18.44	18.51	18.62		
1.4	QPSK	3	1	18.28	18.34	18.61		
1.4	QPSK	3	3	18.45	18.43	18.67		
1.4	QPSK	6	0	18.22	18.36	18.45	20	0
1.4	16QAM	1	0	18.51	18.67	18.64	20	0
1.4	16QAM	1	3	18.67	18.42	18.74		
1.4	16QAM	1	5	18.60	18.59	18.71		
1.4	16QAM	3	0	18.23	18.34	18.51		
1.4	16QAM	3	1	18.13	18.18	18.56		
1.4	16QAM	3	3	18.25	18.21	18.34		
1.4	16QAM	6	0	18.66	18.55	18.71	20	0
1.4	64QAM	1	0	18.73	18.84	18.63	20	0
1.4	64QAM	1	3	18.85	18.83	18.85		
1.4	64QAM	1	5	18.71	18.79	18.83		
1.4	64QAM	3	0	18.67	18.71	18.69		
1.4	64QAM	3	1	18.73	18.73	18.65		
1.4	64QAM	3	3	18.59	18.60	18.58		
1.4	64QAM	6	0	18.70	18.61	18.72	20	0

Band 4 Ant4 DSI1 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	15.58	15.89	15.85	17	0
20	QPSK	1	49	15.58	15.71	15.79		
20	QPSK	1	99	15.67	15.83	15.75		
20	QPSK	50	0	15.65	15.68	15.51	17	0
20	QPSK	50	24	15.46	15.47	15.62		
20	QPSK	50	50	15.39	15.34	15.34		
20	QPSK	100	0	15.25	15.57	15.44		
20	16QAM	1	0	15.63	15.62	15.76	17	0
20	16QAM	1	49	15.70	15.52	15.84		
20	16QAM	1	99	15.72	15.62	15.79		
20	16QAM	50	0	15.70	15.72	15.85	17	0
20	16QAM	50	24	15.64	15.65	15.83		
20	16QAM	50	50	15.79	15.63	15.77		
20	16QAM	100	0	15.67	15.65	15.83		
20	64QAM	1	0	15.79	15.86	15.67	17	0
20	64QAM	1	49	15.79	15.75	15.79		
20	64QAM	1	99	15.81	15.77	15.74		
20	64QAM	50	0	15.84	15.69	15.85	17	0
20	64QAM	50	24	15.80	15.86	15.78		
20	64QAM	50	50	15.70	15.87	15.79		
20	64QAM	100	0	15.86	15.64	15.83		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	15.45	15.85	15.88	17	0
15	QPSK	1	37	15.51	15.58	15.80		
15	QPSK	1	74	15.58	15.64	15.59		
15	QPSK	36	0	15.51	15.62	15.55	17	0
15	QPSK	36	20	15.31	15.29	15.60		
15	QPSK	36	39	15.33	15.20	15.63		
15	QPSK	75	0	15.19	15.57	15.35		
15	16QAM	1	0	15.57	15.43	15.67	17	0
15	16QAM	1	37	15.71	15.32	15.76		
15	16QAM	1	74	15.60	15.62	15.77		
15	16QAM	36	0	15.66	15.58	15.81	17	0
15	16QAM	36	20	15.49	15.45	15.63		
15	16QAM	36	39	15.61	15.52	15.78		
15	16QAM	75	0	15.62	15.59	15.82		
15	64QAM	1	0	15.79	15.74	15.59	17	0
15	64QAM	1	37	15.68	15.65	15.63		
15	64QAM	1	74	15.66	15.72	15.64		
15	64QAM	36	0	15.70	15.67	15.85	17	0
15	64QAM	36	20	15.71	15.71	15.60		
15	64QAM	36	39	15.66	15.86	15.64		
15	64QAM	75	0	15.85	15.51	15.70		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	15.56	15.85	15.76	17	0
10	QPSK	1	25	15.52	15.52	15.88		
10	QPSK	1	49	15.67	15.68	15.55		
10	QPSK	25	0	15.65	15.68	15.60	17	0
10	QPSK	25	12	15.44	15.36	15.65		
10	QPSK	25	25	15.31	15.25	15.69		
10	QPSK	50	0	15.06	15.38	15.43		
10	16QAM	1	0	15.60	15.61	15.66	17	0
10	16QAM	1	25	15.68	15.43	15.68		
10	16QAM	1	49	15.51	15.45	15.79		
10	16QAM	25	0	15.53	15.67	15.78	17	0
10	16QAM	25	12	15.58	15.53	15.69		
10	16QAM	25	25	15.73	15.58	15.61		
10	16QAM	50	0	15.50	15.55	15.71		
10	64QAM	1	0	15.76	15.67	15.53	17	0
10	64QAM	1	25	15.78	15.67	15.79		
10	64QAM	1	49	15.65	15.67	15.61		
10	64QAM	25	0	15.65	15.64	15.85	17	0
10	64QAM	25	12	15.61	15.86	15.75		
10	64QAM	25	25	15.64	15.69	15.67		
10	64QAM	50	0	15.68	15.59	15.64		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	15.49	15.88	15.85	17	0
5	QPSK	1	12	15.46	15.58	15.86		
5	QPSK	1	24	15.60	15.85	15.70		
5	QPSK	12	0	15.59	15.54	15.58	17	0
5	QPSK	12	7	15.37	15.43	15.59		
5	QPSK	12	13	15.35	15.17	15.67		
5	QPSK	25	0	15.20	15.56	15.35		
5	16QAM	1	0	15.57	15.60	15.66	17	0
5	16QAM	1	12	15.62	15.45	15.81		
5	16QAM	1	24	15.74	15.50	15.81		
5	16QAM	12	0	15.48	15.62	15.88	17	0
5	16QAM	12	7	15.55	15.63	15.63		
5	16QAM	12	13	15.66	15.52	15.75		
5	16QAM	25	0	15.49	15.51	15.65		
5	64QAM	1	0	15.73	15.74	15.53	17	0
5	64QAM	1	12	15.73	15.60	15.68		
5	64QAM	1	24	15.80	15.59	15.73		
5	64QAM	12	0	15.72	15.57	15.85	17	0
5	64QAM	12	7	15.79	15.82	15.65		
5	64QAM	12	13	15.68	15.80	15.64		
5	64QAM	25	0	15.85	15.57	15.78		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	15.54	15.85	15.85	17	0
3	QPSK	1	8	15.49	15.66	15.85		
3	QPSK	1	14	15.52	15.72	15.64		
3	QPSK	8	0	15.64	15.47	15.62	17	0
3	QPSK	8	4	15.40	15.46	15.66		
3	QPSK	8	7	15.20	15.31	15.70		
3	QPSK	15	0	15.21	15.52	15.28		
3	16QAM	1	0	15.52	15.53	15.58	17	0
3	16QAM	1	8	15.71	15.37	15.72		
3	16QAM	1	14	15.52	15.52	15.76		
3	16QAM	8	0	15.63	15.74	15.85	17	0
3	16QAM	8	4	15.63	15.44	15.69		
3	16QAM	8	7	15.79	15.61	15.62		
3	16QAM	15	0	15.57	15.60	15.63		
3	64QAM	1	0	15.83	15.70	15.62	17	0
3	64QAM	1	8	15.69	15.65	15.69		
3	64QAM	1	14	15.76	15.64	15.57		
3	64QAM	8	0	15.73	15.60	15.85	17	0
3	64QAM	8	4	15.66	15.72	15.70		
3	64QAM	8	7	15.58	15.82	15.79		
3	64QAM	15	0	15.73	15.60	15.63		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	15.51	15.85	15.87	17	0
1.4	QPSK	1	3	15.54	15.65	15.79		
1.4	QPSK	1	5	15.52	15.70	15.65		
1.4	QPSK	3	0	15.62	15.59	15.56		
1.4	QPSK	3	1	15.42	15.26	15.53		
1.4	QPSK	3	3	15.23	15.35	15.59		
1.4	QPSK	6	0	15.19	15.49	15.27	17	0
1.4	16QAM	1	0	15.60	15.43	15.66	17	0
1.4	16QAM	1	3	15.67	15.53	15.68		
1.4	16QAM	1	5	15.71	15.42	15.60		
1.4	16QAM	3	0	15.60	15.55	15.79		
1.4	16QAM	3	1	15.55	15.53	15.79		
1.4	16QAM	3	3	15.63	15.61	15.63		
1.4	16QAM	6	0	15.51	15.65	15.80	17	0
1.4	64QAM	1	0	15.81	15.77	15.64	17	0
1.4	64QAM	1	3	15.79	15.65	15.80		
1.4	64QAM	1	5	15.65	15.61	15.64		
1.4	64QAM	3	0	15.63	15.58	15.86		
1.4	64QAM	3	1	15.79	15.75	15.79		
1.4	64QAM	3	3	15.53	15.68	15.68		
1.4	64QAM	6	0	15.79	15.45	15.65	17	0

Band 7 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	16.62	16.83	16.77	17.5	0
20	QPSK	1	49	16.51	16.58	16.55		
20	QPSK	1	99	16.42	16.57	16.43		
20	QPSK	50	0	16.51	16.77	16.65	17.5	0
20	QPSK	50	24	16.43	16.55	16.38		
20	QPSK	50	50	16.32	16.40	16.29		
20	QPSK	100	0	16.43	16.62	16.46		
20	16QAM	1	0	16.58	16.59	16.78	17.5	0
20	16QAM	1	49	16.48	16.57	16.40		
20	16QAM	1	99	16.39	16.40	16.28		
20	16QAM	50	0	16.47	16.65	16.52	17.5	0
20	16QAM	50	24	16.32	16.47	16.37		
20	16QAM	50	50	16.33	16.26	16.15		
20	16QAM	100	0	16.45	16.60	16.26		
20	64QAM	1	0	16.52	16.74	16.61	17.5	0
20	64QAM	1	49	16.49	16.49	16.58		
20	64QAM	1	99	16.34	16.56	16.37		
20	64QAM	50	0	16.34	16.58	16.65	17.5	0
20	64QAM	50	24	16.29	16.34	16.34		
20	64QAM	50	50	16.22	16.37	16.25		
20	64QAM	100	0	16.28	16.62	16.36		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	16.59	16.82	16.55	17.5	0
15	QPSK	1	37	16.33	16.38	16.55		
15	QPSK	1	74	16.33	16.38	16.36		
15	QPSK	36	0	16.42	16.57	16.57	17.5	0
15	QPSK	36	20	16.45	16.38	16.16		
15	QPSK	36	39	16.28	16.31	16.26		
15	QPSK	75	0	16.21	16.62	16.49		
15	16QAM	1	0	16.48	16.72	16.67	17.5	0
15	16QAM	1	37	16.50	16.49	16.48		
15	16QAM	1	74	16.32	16.42	16.39		
15	16QAM	36	0	16.45	16.58	16.50	17.5	0
15	16QAM	36	20	16.34	16.56	16.26		
15	16QAM	36	39	16.13	16.19	16.28		
15	16QAM	75	0	16.43	16.43	16.30		
15	64QAM	1	0	16.61	16.75	16.74	17.5	0
15	64QAM	1	37	16.35	16.37	16.48		
15	64QAM	1	74	16.28	16.43	16.45		
15	64QAM	36	0	16.51	16.57	16.49	17.5	0
15	64QAM	36	20	16.45	16.44	16.27		
15	64QAM	36	39	16.30	16.42	16.12		
15	64QAM	75	0	16.30	16.57	16.41		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	16.59	16.82	16.60	17.5	0
10	QPSK	1	25	16.35	16.60	16.48		
10	QPSK	1	49	16.43	16.46	16.37		
10	QPSK	25	0	16.31	16.64	16.58	17.5	0
10	QPSK	25	12	16.41	16.48	16.17		
10	QPSK	25	25	16.32	16.43	16.28		
10	QPSK	50	0	16.36	16.41	16.25		
10	16QAM	1	0	16.40	16.65	16.55	17.5	0
10	16QAM	1	25	16.37	16.48	16.37		
10	16QAM	1	49	16.32	16.35	16.43		
10	16QAM	25	0	16.31	16.72	16.67	17.5	0
10	16QAM	25	12	16.46	16.58	16.33		
10	16QAM	25	25	16.32	16.31	16.30		
10	16QAM	50	0	16.41	16.40	16.44		
10	64QAM	1	0	16.62	16.67	16.58	17.5	0
10	64QAM	1	25	16.37	16.42	16.42		
10	64QAM	1	49	16.23	16.45	16.40		
10	64QAM	25	0	16.47	16.59	16.59	17.5	0
10	64QAM	25	12	16.42	16.35	16.39		
10	64QAM	25	25	16.19	16.32	16.20		
10	64QAM	50	0	16.39	16.47	16.35		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	16.54	16.78	16.64	17.5	0
5	QPSK	1	12	16.52	16.40	16.37		
5	QPSK	1	24	16.35	16.45	16.31		
5	QPSK	12	0	16.52	16.57	16.47	17.5	0
5	QPSK	12	7	16.46	16.35	16.24		
5	QPSK	12	13	16.16	16.35	16.20		
5	QPSK	25	0	16.41	16.63	16.44		
5	16QAM	1	0	16.59	16.73	16.61	17.5	0
5	16QAM	1	12	16.35	16.55	16.43		
5	16QAM	1	24	16.38	16.41	16.44		
5	16QAM	12	0	16.32	16.74	16.45	17.5	0
5	16QAM	12	7	16.46	16.42	16.36		
5	16QAM	12	13	16.33	16.32	16.41		
5	16QAM	25	0	16.33	16.51	16.47		
5	64QAM	1	0	16.49	16.63	16.58	17.5	0
5	64QAM	1	12	16.46	16.53	16.43		
5	64QAM	1	24	16.37	16.39	16.37		
5	64QAM	12	0	16.49	16.65	16.51	17.5	0
5	64QAM	12	7	16.45	16.58	16.25		
5	64QAM	12	13	16.22	16.24	16.31		
5	64QAM	25	0	16.45	16.51	16.45		

Band 7 Ant4 DSI1 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	13.65	13.79	13.58	14.5	0
20	QPSK	1	49	13.42	13.65	13.46		
20	QPSK	1	99	13.41	13.48	13.41		
20	QPSK	50	0	13.49	13.69	13.64	14.5	0
20	QPSK	50	24	13.42	13.51	13.33		
20	QPSK	50	50	13.27	13.34	13.24		
20	QPSK	100	0	13.31	13.60	13.54		
20	16QAM	1	0	13.52	13.61	13.72	14.5	0
20	16QAM	1	49	13.50	13.67	13.43		
20	16QAM	1	99	13.27	13.42	13.24		
20	16QAM	50	0	13.39	13.44	13.38	14.5	0
20	16QAM	50	24	13.30	13.39	13.26		
20	16QAM	50	50	13.24	13.19	13.14		
20	16QAM	100	0	13.44	13.58	13.29		
20	64QAM	1	0	13.42	13.64	13.69	14.5	0
20	64QAM	1	49	13.43	13.47	13.58		
20	64QAM	1	99	13.38	13.58	13.38		
20	64QAM	50	0	13.43	13.55	13.45	14.5	0
20	64QAM	50	24	13.27	13.25	13.33		
20	64QAM	50	50	13.17	13.45	13.34		
20	64QAM	100	0	13.20	13.63	13.30		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	13.58	13.86	13.65	14.5	0
15	QPSK	1	37	13.56	13.61	13.46		
15	QPSK	1	74	13.51	13.59	13.44		
15	QPSK	36	0	13.56	13.55	13.61	14.5	0
15	QPSK	36	20	13.36	13.58	13.40		
15	QPSK	36	39	13.27	13.31	13.40		
15	QPSK	75	0	13.37	13.67	13.34		
15	16QAM	1	0	13.51	13.63	13.59	14.5	0
15	16QAM	1	37	13.36	13.46	13.42		
15	16QAM	1	74	13.46	13.40	13.25		
15	16QAM	36	0	13.39	13.44	13.39	14.5	0
15	16QAM	36	20	13.27	13.45	13.30		
15	16QAM	36	39	13.29	13.20	13.25		
15	16QAM	75	0	13.50	13.64	13.31		
15	64QAM	1	0	13.54	13.71	13.60	14.5	0
15	64QAM	1	37	13.48	13.60	13.46		
15	64QAM	1	74	13.31	13.55	13.36		
15	64QAM	36	0	13.24	13.59	13.54	14.5	0
15	64QAM	36	20	13.27	13.45	13.43		
15	64QAM	36	39	13.14	13.44	13.24		
15	64QAM	75	0	13.25	13.54	13.39		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	13.67	13.71	13.79	14.5	0
10	QPSK	1	25	13.42	13.48	13.45		
10	QPSK	1	49	13.41	13.48	13.45		
10	QPSK	25	0	13.58	13.65	13.54	14.5	0
10	QPSK	25	12	13.48	13.54	13.46		
10	QPSK	25	25	13.29	13.48	13.35		
10	QPSK	50	0	13.38	13.66	13.38		
10	16QAM	1	0	13.59	13.69	13.77	14.5	0
10	16QAM	1	25	13.56	13.60	13.45		
10	16QAM	1	49	13.48	13.51	13.45		
10	16QAM	25	0	13.36	13.75	13.47	14.5	0
10	16QAM	25	12	13.41	13.53	13.30		
10	16QAM	25	25	13.35	13.34	13.45		
10	16QAM	50	0	13.38	13.54	13.22		
10	64QAM	1	0	13.53	13.67	13.66	14.5	0
10	64QAM	1	25	13.60	13.38	13.50		
10	64QAM	1	49	13.26	13.47	13.38		
10	64QAM	25	0	13.38	13.59	13.62	14.5	0
10	64QAM	25	12	13.17	13.33	13.38		
10	64QAM	25	25	13.30	13.49	13.27		
10	64QAM	50	0	13.19	13.55	13.28		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	13.71	13.80	13.80	14.5	0
5	QPSK	1	12	13.53	13.50	13.54		
5	QPSK	1	24	13.31	13.52	13.40		
5	QPSK	12	0	13.58	13.58	13.64	14.5	0
5	QPSK	12	7	13.54	13.47	13.46		
5	QPSK	12	13	13.27	13.51	13.37		
5	QPSK	25	0	13.50	13.73	13.35		
5	16QAM	1	0	13.61	13.65	13.69	14.5	0
5	16QAM	1	12	13.42	13.46	13.29		
5	16QAM	1	24	13.42	13.33	13.27		
5	16QAM	12	0	13.47	13.63	13.62	14.5	0
5	16QAM	12	7	13.35	13.52	13.35		
5	16QAM	12	13	13.28	13.32	13.16		
5	16QAM	25	0	13.34	13.64	13.35		
5	64QAM	1	0	13.61	13.70	13.62	14.5	0
5	64QAM	1	12	13.58	13.60	13.61		
5	64QAM	1	24	13.24	13.58	13.40		
5	64QAM	12	0	13.35	13.49	13.61	14.5	0
5	64QAM	12	7	13.17	13.35	13.37		
5	64QAM	12	13	13.20	13.44	13.14		
5	64QAM	25	0	13.24	13.60	13.26		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	18.58	18.88	18.73	20	0
20	QPSK	1	49	18.47	18.67	18.63		
20	QPSK	1	99	18.48	18.52	18.61		
20	QPSK	50	0	18.52	18.75	18.66	20	0
20	QPSK	50	24	18.29	18.53	18.54		
20	QPSK	50	50	18.38	18.51	18.50		
20	QPSK	100	0	18.43	18.61	18.55		
20	16QAM	1	0	18.56	18.84	18.65	20	0
20	16QAM	1	49	18.41	18.55	18.40		
20	16QAM	1	99	18.48	18.35	18.59		
20	16QAM	50	0	18.36	18.52	18.51	20	0
20	16QAM	50	24	18.14	18.50	18.40		
20	16QAM	50	50	18.37	18.36	18.34		
20	16QAM	100	0	18.31	18.49	18.36		
20	64QAM	1	0	18.41	18.81	18.66	20	0
20	64QAM	1	49	18.40	18.54	18.60		
20	64QAM	1	99	18.34	18.38	18.41		
20	64QAM	50	0	18.33	18.55	18.68	20	0
20	64QAM	50	24	18.31	18.48	18.48		
20	64QAM	50	50	18.38	18.51	18.45		
20	64QAM	100	0	18.32	18.49	18.45		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.39	18.87	18.75	20	0
15	QPSK	1	37	18.40	18.63	18.65		
15	QPSK	1	74	18.38	18.40	18.52		
15	QPSK	36	0	18.48	18.65	18.49	20	0
15	QPSK	36	20	18.31	18.46	18.51		
15	QPSK	36	39	18.36	18.35	18.34		
15	QPSK	75	0	18.44	18.49	18.55		
15	16QAM	1	0	18.42	18.63	18.74	20	0
15	16QAM	1	37	18.41	18.60	18.62		
15	16QAM	1	74	18.44	18.51	18.49		
15	16QAM	36	0	18.32	18.53	18.49	20	0
15	16QAM	36	20	18.08	18.42	18.51		
15	16QAM	36	39	18.19	18.30	18.33		
15	16QAM	75	0	18.32	18.50	18.52		
15	64QAM	1	0	18.43	18.66	18.58	20	0
15	64QAM	1	37	18.28	18.66	18.57		
15	64QAM	1	74	18.50	18.45	18.51		
15	64QAM	36	0	18.52	18.52	18.45	20	0
15	64QAM	36	20	18.08	18.55	18.33		
15	64QAM	36	39	18.38	18.42	18.51		
15	64QAM	75	0	18.34	18.42	18.51		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.49	18.83	18.59	20	0
10	QPSK	1	25	18.38	18.46	18.65		
10	QPSK	1	49	18.38	18.45	18.44		
10	QPSK	25	0	18.41	18.73	18.51	20	0
10	QPSK	25	12	18.33	18.55	18.49		
10	QPSK	25	25	18.39	18.47	18.38		
10	QPSK	50	0	18.20	18.40	18.53		
10	16QAM	1	0	18.35	18.70	18.70	20	0
10	16QAM	1	25	18.34	18.48	18.59		
10	16QAM	1	49	18.39	18.43	18.42		
10	16QAM	25	0	18.48	18.55	18.50	20	0
10	16QAM	25	12	18.17	18.50	18.46		
10	16QAM	25	25	18.29	18.45	18.33		
10	16QAM	50	0	18.26	18.58	18.39		
10	64QAM	1	0	18.40	18.67	18.70	20	0
10	64QAM	1	25	18.34	18.60	18.45		
10	64QAM	1	49	18.39	18.47	18.46		
10	64QAM	25	0	18.46	18.54	18.67	20	0
10	64QAM	25	12	18.21	18.35	18.46		
10	64QAM	25	25	18.37	18.37	18.30		
10	64QAM	50	0	18.36	18.51	18.43		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.58	18.76	18.56	20	0
5	QPSK	1	12	18.50	18.69	18.45		
5	QPSK	1	24	18.31	18.52	18.59		
5	QPSK	12	0	18.40	18.66	18.48	20	0
5	QPSK	12	7	18.29	18.41	18.51		
5	QPSK	12	13	18.33	18.28	18.34		
5	QPSK	25	0	18.35	18.48	18.38		
5	16QAM	1	0	18.52	18.63	18.70	20	0
5	16QAM	1	12	18.32	18.66	18.55		
5	16QAM	1	24	18.33	18.40	18.55		
5	16QAM	12	0	18.41	18.58	18.48	20	0
5	16QAM	12	7	18.16	18.36	18.32		
5	16QAM	12	13	18.25	18.30	18.33		
5	16QAM	25	0	18.29	18.41	18.48		
5	64QAM	1	0	18.39	18.70	18.56	20	0
5	64QAM	1	12	18.42	18.52	18.50		
5	64QAM	1	24	18.26	18.36	18.43		
5	64QAM	12	0	18.33	18.53	18.44	20	0
5	64QAM	12	7	18.27	18.35	18.34		
5	64QAM	12	13	18.35	18.42	18.33		
5	64QAM	25	0	18.39	18.42	18.41		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.47	18.75	18.66	20	0
3	QPSK	1	8	18.25	18.64	18.55		
3	QPSK	1	14	18.50	18.30	18.57		
3	QPSK	8	0	18.30	18.58	18.51	20	0
3	QPSK	8	4	18.26	18.47	18.44		
3	QPSK	8	7	18.21	18.33	18.42		
3	QPSK	15	0	18.37	18.54	18.54		
3	16QAM	1	0	18.56	18.73	18.53	20	0
3	16QAM	1	8	18.36	18.45	18.48		
3	16QAM	1	14	18.43	18.42	18.63		
3	16QAM	8	0	18.53	18.58	18.61	20	0
3	16QAM	8	4	18.22	18.41	18.39		
3	16QAM	8	7	18.39	18.51	18.50		
3	16QAM	15	0	18.32	18.47	18.56		
3	64QAM	1	0	18.55	18.63	18.53	20	0
3	64QAM	1	8	18.38	18.60	18.62		
3	64QAM	1	14	18.31	18.44	18.59		
3	64QAM	8	0	18.42	18.58	18.48	20	0
3	64QAM	8	4	18.20	18.32	18.47		
3	64QAM	8	7	18.22	18.44	18.52		
3	64QAM	15	0	18.29	18.60	18.52		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.51	18.80	18.72	20	0
1.4	QPSK	1	3	18.35	18.56	18.59		
1.4	QPSK	1	5	18.43	18.37	18.53		
1.4	QPSK	3	0	18.51	18.66	18.44		
1.4	QPSK	3	1	18.32	18.51	18.47		
1.4	QPSK	3	3	18.27	18.35	18.48		
1.4	QPSK	6	0	18.33	18.44	18.51	20	0
1.4	16QAM	1	0	18.53	18.71	18.64	20	0
1.4	16QAM	1	3	18.43	18.56	18.61		
1.4	16QAM	1	5	18.29	18.42	18.55		
1.4	16QAM	3	0	18.54	18.70	18.62		
1.4	16QAM	3	1	18.22	18.40	18.32		
1.4	16QAM	3	3	18.28	18.53	18.28		
1.4	16QAM	6	0	18.37	18.41	18.33	20	0
1.4	64QAM	1	0	18.36	18.71	18.57	20	0
1.4	64QAM	1	3	18.35	18.55	18.42		
1.4	64QAM	1	5	18.47	18.31	18.38		
1.4	64QAM	3	0	18.38	18.64	18.65		
1.4	64QAM	3	1	18.26	18.53	18.57		
1.4	64QAM	3	3	18.22	18.40	18.42		
1.4	64QAM	6	0	18.23	18.55	18.54	20	0

Band 66 Ant4 DSI1 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	15.58	15.90	15.62	17	0
20	QPSK	1	49	15.56	15.62	15.64		
20	QPSK	1	99	15.54	15.51	15.51		
20	QPSK	50	0	15.53	15.72	15.66	17	0
20	QPSK	50	24	15.31	15.57	15.47		
20	QPSK	50	50	15.36	15.60	15.46		
20	QPSK	100	0	15.33	15.60	15.52		
20	16QAM	1	0	15.59	15.76	15.69	17	0
20	16QAM	1	49	15.50	15.47	15.47		
20	16QAM	1	99	15.40	15.43	15.55		
20	16QAM	50	0	15.40	15.44	15.40	17	0
20	16QAM	50	24	15.21	15.59	15.32		
20	16QAM	50	50	15.39	15.35	15.27		
20	16QAM	100	0	15.39	15.47	15.36		
20	64QAM	1	0	15.47	15.89	15.57	17	0
20	64QAM	1	49	15.44	15.65	15.54		
20	64QAM	1	99	15.42	15.45	15.43		
20	64QAM	50	0	15.35	15.57	15.59	17	0
20	64QAM	50	24	15.41	15.45	15.54		
20	64QAM	50	50	15.40	15.61	15.45		
20	64QAM	100	0	15.44	15.58	15.40		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	15.49	15.76	15.52	17	0
15	QPSK	1	37	15.40	15.57	15.55		
15	QPSK	1	74	15.47	15.50	15.33		
15	QPSK	36	0	15.32	15.61	15.62	17	0
15	QPSK	36	20	15.23	15.45	15.41		
15	QPSK	36	39	15.31	15.40	15.31		
15	QPSK	75	0	15.25	15.55	15.54		
15	16QAM	1	0	15.47	15.63	15.55	17	0
15	16QAM	1	37	15.38	15.28	15.42		
15	16QAM	1	74	15.19	15.40	15.39		
15	16QAM	36	0	15.34	15.36	15.18	17	0
15	16QAM	36	20	15.02	15.40	15.27		
15	16QAM	36	39	15.34	15.15	15.26		
15	16QAM	75	0	15.40	15.43	15.26		
15	64QAM	1	0	15.30	15.68	15.50	17	0
15	64QAM	1	37	15.22	15.56	15.45		
15	64QAM	1	74	15.39	15.28	15.40		
15	64QAM	36	0	15.29	15.56	15.48	17	0
15	64QAM	36	20	15.23	15.38	15.47		
15	64QAM	36	39	15.23	15.49	15.28		
15	64QAM	75	0	15.29	15.38	15.34		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	15.41	15.82	15.45	17	0
10	QPSK	1	25	15.53	15.56	15.43		
10	QPSK	1	49	15.36	15.44	15.34		
10	QPSK	25	0	15.40	15.71	15.66	17	0
10	QPSK	25	12	15.30	15.35	15.36		
10	QPSK	25	25	15.35	15.58	15.44		
10	QPSK	50	0	15.31	15.41	15.52		
10	16QAM	1	0	15.55	15.59	15.59	17	0
10	16QAM	1	25	15.38	15.33	15.44		
10	16QAM	1	49	15.41	15.32	15.53		
10	16QAM	25	0	15.37	15.27	15.40	17	0
10	16QAM	25	12	15.19	15.48	15.12		
10	16QAM	25	25	15.37	15.33	15.09		
10	16QAM	50	0	15.24	15.47	15.15		
10	64QAM	1	0	15.40	15.68	15.38	17	0
10	64QAM	1	25	15.28	15.59	15.55		
10	64QAM	1	49	15.34	15.41	15.27		
10	64QAM	25	0	15.18	15.38	15.50	17	0
10	64QAM	25	12	15.27	15.46	15.54		
10	64QAM	25	25	15.27	15.52	15.42		
10	64QAM	50	0	15.23	15.49	15.38		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	15.43	15.70	15.44	17	0
5	QPSK	1	12	15.41	15.47	15.51		
5	QPSK	1	24	15.50	15.45	15.29		
5	QPSK	12	0	15.32	15.62	15.57	17	0
5	QPSK	12	7	15.33	15.37	15.28		
5	QPSK	12	13	15.24	15.49	15.36		
5	QPSK	25	0	15.24	15.50	15.56		
5	16QAM	1	0	15.51	15.71	15.68	17	0
5	16QAM	1	12	15.33	15.28	15.48		
5	16QAM	1	24	15.32	15.42	15.37		
5	16QAM	12	0	15.32	15.32	15.33	17	0
5	16QAM	12	7	15.14	15.51	15.24		
5	16QAM	12	13	15.22	15.18	15.26		
5	16QAM	25	0	15.38	15.32	15.33		
5	64QAM	1	0	15.28	15.68	15.39	17	0
5	64QAM	1	12	15.41	15.43	15.49		
5	64QAM	1	24	15.25	15.43	15.40		
5	64QAM	12	0	15.15	15.51	15.54	17	0
5	64QAM	12	7	15.39	15.46	15.53		
5	64QAM	12	13	15.25	15.57	15.37		
5	64QAM	25	0	15.29	15.48	15.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	15.50	15.77	15.45	17	0
3	QPSK	1	8	15.35	15.55	15.44		
3	QPSK	1	14	15.34	15.35	15.53		
3	QPSK	8	0	15.53	15.63	15.62	17	0
3	QPSK	8	4	15.28	15.40	15.42		
3	QPSK	8	7	15.34	15.61	15.43		
3	QPSK	15	0	15.21	15.40	15.47		
3	16QAM	1	0	15.53	15.67	15.67	17	0
3	16QAM	1	8	15.43	15.30	15.47		
3	16QAM	1	14	15.25	15.42	15.40		
3	16QAM	8	0	15.32	15.45	15.27	17	0
3	16QAM	8	4	15.17	15.49	15.28		
3	16QAM	8	7	15.20	15.14	15.11		
3	16QAM	15	0	15.20	15.32	15.24		
3	64QAM	1	0	15.30	15.71	15.44	17	0
3	64QAM	1	8	15.43	15.52	15.44		
3	64QAM	1	14	15.33	15.28	15.23		
3	64QAM	8	0	15.18	15.40	15.43	17	0
3	64QAM	8	4	15.39	15.47	15.53		
3	64QAM	8	7	15.35	15.52	15.42		
3	64QAM	15	0	15.45	15.57	15.20		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	15.38	15.74	15.41	17	0
1.4	QPSK	1	3	15.55	15.41	15.61		
1.4	QPSK	1	5	15.39	15.44	15.48		
1.4	QPSK	3	0	15.32	15.63	15.46		
1.4	QPSK	3	1	15.32	15.35	15.48		
1.4	QPSK	3	3	15.29	15.41	15.31		
1.4	QPSK	6	0	15.25	15.47	15.47	17	0
1.4	16QAM	1	0	15.46	15.63	15.64	17	0
1.4	16QAM	1	3	15.32	15.29	15.44		
1.4	16QAM	1	5	15.31	15.25	15.36		
1.4	16QAM	3	0	15.20	15.45	15.38		
1.4	16QAM	3	1	15.09	15.50	15.28		
1.4	16QAM	3	3	15.23	15.14	15.23		
1.4	16QAM	6	0	15.32	15.32	15.35	17	0
1.4	64QAM	1	0	15.32	15.71	15.46	17	0
1.4	64QAM	1	3	15.33	15.47	15.55		
1.4	64QAM	1	5	15.30	15.43	15.26		
1.4	64QAM	3	0	15.18	15.37	15.50		
1.4	64QAM	3	1	15.35	15.38	15.39		
1.4	64QAM	3	3	15.18	15.61	15.36		
1.4	64QAM	6	0	15.38	15.45	15.25	17	0

Band 2 Ant4 DSI2 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	23.51	23.67	23.57	24.5	0
20	QPSK	1	49	23.48	23.58	23.50		
20	QPSK	1	99	23.36	23.48	23.49		
20	QPSK	50	0	23.39	23.60	23.37	24.5	0
20	QPSK	50	24	23.56	23.56	23.43		
20	QPSK	50	50	23.53	23.59	23.49		
20	QPSK	100	0	23.43	23.54	23.34		
20	16QAM	1	0	23.45	23.52	23.35	24.5	0
20	16QAM	1	49	23.60	23.60	23.56		
20	16QAM	1	99	23.56	23.57	23.59		
20	16QAM	50	0	22.27	22.40	22.31	23.5	1
20	16QAM	50	24	22.59	22.62	22.53		
20	16QAM	50	50	22.48	22.49	22.56		
20	16QAM	100	0	22.39	22.58	22.25		
20	64QAM	1	0	22.47	22.42	22.48	23.5	1
20	64QAM	1	49	22.50	22.76	22.52		
20	64QAM	1	99	22.54	22.59	22.58		
20	64QAM	50	0	21.26	21.55	21.39	22.5	2
20	64QAM	50	24	21.59	21.56	21.50		
20	64QAM	50	50	21.43	21.48	21.38		
20	64QAM	100	0	21.39	21.60	21.21		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	23.22	23.55	23.15	24.5	0
15	QPSK	1	37	23.54	23.53	23.47		
15	QPSK	1	74	23.47	23.46	23.55		
15	QPSK	36	0	23.34	23.52	23.47	24.5	0
15	QPSK	36	20	23.54	23.47	23.49		
15	QPSK	36	39	23.45	23.55	23.44		
15	QPSK	75	0	23.51	23.52	23.51		
15	16QAM	1	0	23.45	23.47	23.47	24.5	0
15	16QAM	1	37	23.54	23.57	23.45		
15	16QAM	1	74	23.54	23.57	23.61		
15	16QAM	36	0	22.29	22.36	22.40	23.5	1
15	16QAM	36	20	22.49	22.53	22.45		
15	16QAM	36	39	22.43	22.55	22.62		
15	16QAM	75	0	22.41	22.56	22.22		
15	64QAM	1	0	22.46	22.40	22.53	23.5	1
15	64QAM	1	37	22.56	22.80	22.59		
15	64QAM	1	74	22.65	22.60	22.60		
15	64QAM	36	0	21.33	21.51	21.27	22.5	2
15	64QAM	36	20	21.59	21.53	21.48		
15	64QAM	36	39	21.59	21.59	21.47		
15	64QAM	75	0	21.31	21.59	21.28		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	23.24	23.63	23.27	24.5	0
10	QPSK	1	25	23.53	23.50	23.53		
10	QPSK	1	49	23.38	23.44	23.41		
10	QPSK	25	0	23.44	23.58	23.45	24.5	0
10	QPSK	25	12	23.34	23.55	23.45		
10	QPSK	25	25	23.57	23.53	23.56		
10	QPSK	50	0	23.52	23.59	23.47		
10	16QAM	1	0	23.46	23.62	23.26	24.5	0
10	16QAM	1	25	23.59	23.65	23.56		
10	16QAM	1	49	23.49	23.62	23.58		
10	16QAM	25	0	22.27	22.30	22.31	23.5	1
10	16QAM	25	12	22.62	22.63	22.51		
10	16QAM	25	25	22.55	22.59	22.67		
10	16QAM	50	0	22.38	22.59	22.22		
10	64QAM	1	0	22.43	22.40	22.40	23.5	1
10	64QAM	1	25	22.58	22.74	22.51		
10	64QAM	1	49	22.59	22.60	22.69		
10	64QAM	25	0	21.55	21.57	21.47	22.5	2
10	64QAM	25	12	21.59	21.46	21.51		
10	64QAM	25	25	21.47	21.53	21.46		
10	64QAM	50	0	21.30	21.40	21.13		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	23.25	23.61	23.31	24.5	0
5	QPSK	1	12	23.58	23.46	23.53		
5	QPSK	1	24	23.45	23.42	23.38		
5	QPSK	12	0	23.43	23.53	23.31	24.5	0
5	QPSK	12	7	23.46	23.52	23.43		
5	QPSK	12	13	23.58	23.48	23.49		
5	QPSK	25	0	23.51	23.54	23.51		
5	16QAM	1	0	23.51	23.47	23.32	24.5	0
5	16QAM	1	12	23.50	23.50	23.54		
5	16QAM	1	24	23.57	23.63	23.57		
5	16QAM	12	0	22.23	22.33	22.24	23.5	1
5	16QAM	12	7	22.58	22.59	22.58		
5	16QAM	12	13	22.43	22.45	22.67		
5	16QAM	25	0	22.49	22.48	22.22		
5	64QAM	1	0	22.53	22.41	22.38	23.5	1
5	64QAM	1	12	22.44	22.77	22.48		
5	64QAM	1	24	22.43	22.56	22.58		
5	64QAM	12	0	21.20	21.66	21.30	22.5	2
5	64QAM	12	7	21.61	21.60	21.55		
5	64QAM	12	13	21.50	21.50	21.28		
5	64QAM	25	0	21.39	21.52	21.16		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	23.35	23.64	23.25	24.5	0
3	QPSK	1	8	23.53	23.58	23.62		
3	QPSK	1	14	23.26	23.53	23.50		
3	QPSK	8	0	23.50	23.59	23.47	24.5	0
3	QPSK	8	4	23.51	23.53	23.39		
3	QPSK	8	7	23.47	23.54	23.39		
3	QPSK	15	0	23.55	23.53	23.46		
3	16QAM	1	0	23.51	23.53	23.35	24.5	0
3	16QAM	1	8	23.62	23.55	23.45		
3	16QAM	1	14	23.53	23.57	23.62		
3	16QAM	8	0	22.35	22.52	22.20	23.5	1
3	16QAM	8	4	22.66	22.60	22.58		
3	16QAM	8	7	22.55	22.38	22.64		
3	16QAM	15	0	22.28	22.49	22.24		
3	64QAM	1	0	22.38	22.38	22.43	23.5	1
3	64QAM	1	8	22.55	22.85	22.56		
3	64QAM	1	14	22.65	22.53	22.68		
3	64QAM	8	0	21.18	21.58	21.33	22.5	2
3	64QAM	8	4	21.51	21.63	21.53		
3	64QAM	8	7	21.48	21.54	21.42		
3	64QAM	15	0	21.48	21.52	21.11		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	23.35	23.54	23.25	24.5	0
1.4	QPSK	1	3	23.53	23.58	23.42		
1.4	QPSK	1	5	23.26	23.53	23.50		
1.4	QPSK	3	0	23.50	23.50	23.47		
1.4	QPSK	3	1	23.51	23.53	23.39		
1.4	QPSK	3	3	23.47	23.54	23.39		
1.4	QPSK	6	0	23.55	23.53	23.46	24.5	0
1.4	16QAM	1	0	23.51	23.53	23.35	24.5	0
1.4	16QAM	1	3	23.46	23.55	23.45		
1.4	16QAM	1	5	23.53	23.57	23.45		
1.4	16QAM	3	0	23.56	23.54	23.52		
1.4	16QAM	3	1	23.45	23.57	23.48		
1.4	16QAM	3	3	23.38	23.50	23.46		
1.4	16QAM	6	0	22.32	22.43	22.33	23.5	1
1.4	64QAM	1	0	22.71	22.73	22.47	23.5	1
1.4	64QAM	1	3	22.46	22.59	22.52		
1.4	64QAM	1	5	22.53	22.54	22.52		
1.4	64QAM	3	0	22.58	22.44	22.59		
1.4	64QAM	3	1	22.58	22.84	22.42		
1.4	64QAM	3	3	22.56	22.67	22.62		
1.4	64QAM	6	0	21.29	21.69	21.20	22.5	2

Band 38 Ant4 DSI1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.33	19.36	19.24	20.5	0
20	QPSK	1	49	19.31	19.34	19.28		
20	QPSK	1	99	19.35	19.32	19.33		
20	QPSK	50	0	19.24	19.33	19.30	20.5	0
20	QPSK	50	24	19.30	19.31	19.22		
20	QPSK	50	50	19.31	19.24	19.23		
20	QPSK	100	0	19.30	19.31	19.22		
20	16QAM	1	0	19.35	19.31	19.08	20.5	0
20	16QAM	1	49	19.30	19.30	19.32		
20	16QAM	1	99	19.31	19.27	19.19		
20	16QAM	50	0	19.31	19.24	19.28	20.5	0
20	16QAM	50	24	19.33	19.26	19.30		
20	16QAM	50	50	19.31	19.23	19.26		
20	16QAM	100	0	19.33	19.23	19.24		
20	64QAM	1	0	19.28	19.20	19.20	20.5	0
20	64QAM	1	49	19.28	19.34	19.30		
20	64QAM	1	99	19.31	19.27	19.25		
20	64QAM	50	0	19.23	19.33	19.35	20.5	0
20	64QAM	50	24	19.27	19.32	19.35		
20	64QAM	50	50	19.23	19.31	19.34		
20	64QAM	100	0	19.24	19.25	19.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.19	19.31	19.24	20.5	0
15	QPSK	1	37	19.24	19.13	19.20		
15	QPSK	1	74	19.21	19.33	19.13		
15	QPSK	36	0	19.30	19.18	19.15	20.5	0
15	QPSK	36	20	19.22	19.13	19.22		
15	QPSK	36	39	19.29	19.32	19.21		
15	QPSK	75	0	19.32	19.05	19.02		
15	16QAM	1	0	19.17	19.24	19.08	20.5	0
15	16QAM	1	37	19.22	19.26	19.11		
15	16QAM	1	74	19.31	19.24	19.13		
15	16QAM	36	0	19.23	19.14	19.22	20.5	0
15	16QAM	36	20	19.15	19.09	19.27		
15	16QAM	36	39	19.17	19.19	19.18		
15	16QAM	75	0	19.33	19.21	19.34		
15	64QAM	1	0	19.27	19.05	19.10	20.5	0
15	64QAM	1	37	19.21	19.25	19.27		
15	64QAM	1	74	19.29	19.15	19.19		
15	64QAM	36	0	19.15	19.17	19.23	20.5	0
15	64QAM	36	20	19.12	19.11	19.20		
15	64QAM	36	39	19.10	19.30	19.24		
15	64QAM	75	0	19.04	19.20	19.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.22	19.33	19.28	20.5	0
10	QPSK	1	25	19.23	19.21	19.13		
10	QPSK	1	49	19.30	19.24	19.16		
10	QPSK	25	0	19.35	19.13	19.13	20.5	0
10	QPSK	25	12	19.28	19.23	19.14		
10	QPSK	25	25	19.24	19.29	19.06		
10	QPSK	50	0	19.22	19.12	19.15		
10	16QAM	1	0	19.16	19.23	19.01	20.5	0
10	16QAM	1	25	19.30	19.20	19.27		
10	16QAM	1	49	19.11	19.17	19.04		
10	16QAM	25	0	19.24	19.10	19.15	20.5	0
10	16QAM	25	12	19.31	19.17	19.11		
10	16QAM	25	25	19.15	19.09	19.12		
10	16QAM	50	0	19.18	19.15	19.34		
10	64QAM	1	0	19.25	19.07	19.03	20.5	0
10	64QAM	1	25	19.24	19.24	19.14		
10	64QAM	1	49	19.30	19.15	19.05		
10	64QAM	25	0	19.13	19.31	19.25	20.5	0
10	64QAM	25	12	19.15	19.12	19.20		
10	64QAM	25	25	19.20	19.29	19.31		
10	64QAM	50	0	19.14	19.24	19.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.23	19.29	19.20	20.5	0
5	QPSK	1	12	19.28	19.34	19.15		
5	QPSK	1	24	19.29	19.22	19.16		
5	QPSK	12	0	19.22	19.07	19.23	20.5	0
5	QPSK	12	7	19.17	19.30	19.07		
5	QPSK	12	13	19.35	19.24	19.10		
5	QPSK	25	0	19.25	19.09	19.04		
5	16QAM	1	0	19.22	19.21	19.07	20.5	0
5	16QAM	1	12	19.14	19.10	19.32		
5	16QAM	1	24	19.29	19.16	19.04		
5	16QAM	12	0	19.24	19.22	19.17	20.5	0
5	16QAM	12	7	19.34	19.22	19.27		
5	16QAM	12	13	19.14	19.03	19.06		
5	16QAM	25	0	19.22	19.23	19.27		
5	64QAM	1	0	19.22	19.04	19.16	20.5	0
5	64QAM	1	12	19.10	19.32	19.10		
5	64QAM	1	24	19.12	19.08	19.18		
5	64QAM	12	0	19.20	19.23	19.23	20.5	0
5	64QAM	12	7	19.25	19.18	19.26		
5	64QAM	12	13	19.18	19.30	19.19		
5	64QAM	25	0	19.07	19.09	19.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.33	19.36	19.24	20.5	0
20	QPSK	1	49	19.31	19.34	19.28		
20	QPSK	1	99	19.35	19.32	19.33		
20	QPSK	50	0	19.24	19.33	19.30	20.5	0
20	QPSK	50	24	19.30	19.31	19.22		
20	QPSK	50	50	19.31	19.24	19.23		
20	QPSK	100	0	19.30	19.31	19.22		
20	16QAM	1	0	19.35	19.31	19.08	20.5	0
20	16QAM	1	49	19.30	19.30	19.32		
20	16QAM	1	99	19.31	19.27	19.19		
20	16QAM	50	0	19.31	19.24	19.28	20.5	0
20	16QAM	50	24	19.33	19.26	19.30		
20	16QAM	50	50	19.31	19.23	19.26		
20	16QAM	100	0	19.33	19.23	19.24		
20	64QAM	1	0	19.28	19.20	19.20	20.5	0
20	64QAM	1	49	19.28	19.34	19.30		
20	64QAM	1	99	19.31	19.27	19.25		
20	64QAM	50	0	19.23	19.33	19.35	20.5	0
20	64QAM	50	24	19.27	19.32	19.35		
20	64QAM	50	50	19.23	19.31	19.34		
20	64QAM	100	0	19.24	19.25	19.27		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.19	19.31	19.24	20.5	0
15	QPSK	1	37	19.24	19.13	19.20		
15	QPSK	1	74	19.21	19.33	19.13		
15	QPSK	36	0	19.30	19.18	19.15	20.5	0
15	QPSK	36	20	19.22	19.13	19.22		
15	QPSK	36	39	19.29	19.32	19.21		
15	QPSK	75	0	19.32	19.05	19.02		
15	16QAM	1	0	19.17	19.24	19.08	20.5	0
15	16QAM	1	37	19.22	19.26	19.11		
15	16QAM	1	74	19.31	19.24	19.13		
15	16QAM	36	0	19.23	19.14	19.22	20.5	0
15	16QAM	36	20	19.15	19.09	19.27		
15	16QAM	36	39	19.17	19.19	19.18		
15	16QAM	75	0	19.33	19.21	19.34		
15	64QAM	1	0	19.27	19.05	19.10	20.5	0
15	64QAM	1	37	19.21	19.25	19.27		
15	64QAM	1	74	19.29	19.15	19.19		
15	64QAM	36	0	19.15	19.17	19.23	20.5	0
15	64QAM	36	20	19.12	19.11	19.20		
15	64QAM	36	39	19.10	19.30	19.24		
15	64QAM	75	0	19.04	19.20	19.17		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.22	19.33	19.28	20.5	0
10	QPSK	1	25	19.23	19.21	19.13		
10	QPSK	1	49	19.30	19.24	19.16		
10	QPSK	25	0	19.35	19.13	19.13	20.5	0
10	QPSK	25	12	19.28	19.23	19.14		
10	QPSK	25	25	19.24	19.29	19.06		
10	QPSK	50	0	19.22	19.12	19.15		
10	16QAM	1	0	19.16	19.23	19.01	20.5	0
10	16QAM	1	25	19.30	19.20	19.27		
10	16QAM	1	49	19.11	19.17	19.04		
10	16QAM	25	0	19.24	19.10	19.15	20.5	0
10	16QAM	25	12	19.31	19.17	19.11		
10	16QAM	25	25	19.15	19.09	19.12		
10	16QAM	50	0	19.18	19.15	19.34		
10	64QAM	1	0	19.25	19.07	19.03	20.5	0
10	64QAM	1	25	19.24	19.24	19.14		
10	64QAM	1	49	19.30	19.15	19.05		
10	64QAM	25	0	19.13	19.31	19.25	20.5	0
10	64QAM	25	12	19.15	19.12	19.20		
10	64QAM	25	25	19.20	19.29	19.31		
10	64QAM	50	0	19.14	19.24	19.17		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.23	19.29	19.20	20.5	0
5	QPSK	1	12	19.28	19.34	19.15		
5	QPSK	1	24	19.29	19.22	19.16		
5	QPSK	12	0	19.22	19.07	19.23	20.5	0
5	QPSK	12	7	19.17	19.30	19.07		
5	QPSK	12	13	19.35	19.24	19.10		
5	QPSK	25	0	19.25	19.09	19.04		
5	16QAM	1	0	19.22	19.21	19.07	20.5	0
5	16QAM	1	12	19.14	19.10	19.32		
5	16QAM	1	24	19.29	19.16	19.04		
5	16QAM	12	0	19.24	19.22	19.17	20.5	0
5	16QAM	12	7	19.34	19.22	19.27		
5	16QAM	12	13	19.14	19.03	19.06		
5	16QAM	25	0	19.22	19.23	19.27		
5	64QAM	1	0	19.22	19.04	19.16	20.5	0
5	64QAM	1	12	19.10	19.32	19.10		
5	64QAM	1	24	19.12	19.08	19.18		
5	64QAM	12	0	19.20	19.23	19.23	20.5	0
5	64QAM	12	7	19.25	19.18	19.26		
5	64QAM	12	13	19.18	19.30	19.19		
5	64QAM	25	0	19.07	19.09	19.20		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.16	19.08	19.37	19.11	19.03	20.5	0
20	QPSK	1	49	19.14	19.34	19.28	19.08	19.10		
20	QPSK	1	99	19.01	19.11	19.26	19.05	19.08		
20	QPSK	50	0	19.00	19.16	19.29	19.21	19.03	20.5	0
20	QPSK	50	24	19.06	19.27	19.28	19.12	19.05		
20	QPSK	50	50	19.13	19.11	19.23	19.08	19.07		
20	QPSK	100	0	19.04	19.18	19.32	18.99	19.01		
20	16QAM	1	0	19.06	19.01	19.21	19.08	18.96	20.5	0
20	16QAM	1	49	19.09	19.13	19.30	19.09	19.03		
20	16QAM	1	99	19.08	19.09	19.22	19.03	19.09		
20	16QAM	50	0	18.95	19.09	19.26	19.01	18.96	20.5	0
20	16QAM	50	24	19.12	19.13	19.25	19.05	18.98		
20	16QAM	50	50	19.05	19.03	19.29	19.04	18.97		
20	16QAM	100	0	19.01	19.09	19.24	19.02	18.97		
20	64QAM	1	0	19.11	19.11	19.24	19.04	18.97	20.5	0
20	64QAM	1	49	19.18	19.08	19.32	19.06	19.05		
20	64QAM	1	99	19.00	19.10	19.33	19.07	19.04		
20	64QAM	50	0	19.03	18.90	19.37	19.00	18.93	20.5	0
20	64QAM	50	24	19.14	19.31	19.28	18.97	19.06		
20	64QAM	50	50	18.91	19.07	19.24	18.97	19.02		
20	64QAM	100	0	18.97	19.13	19.08	19.09	19.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.12	18.89	19.30	18.98	18.85	20.5	0
15	QPSK	1	37	18.96	19.32	19.18	19.06	18.97		
15	QPSK	1	74	18.97	19.10	19.19	18.86	19.06		
15	QPSK	36	0	18.84	19.00	19.15	19.05	18.93	20.5	0
15	QPSK	36	20	18.91	19.07	19.24	19.08	18.88		
15	QPSK	36	39	19.13	19.07	19.10	19.02	18.96		
15	QPSK	75	0	18.88	19.03	19.24	18.97	18.85		
15	16QAM	1	0	18.88	18.89	19.09	19.02	18.87	20.5	0
15	16QAM	1	37	19.03	18.93	19.22	18.99	18.91		
15	16QAM	1	74	18.92	18.89	19.17	18.92	19.05		
15	16QAM	36	0	18.83	18.98	19.07	18.85	18.90	20.5	0
15	16QAM	36	20	19.04	19.05	19.25	18.90	18.91		
15	16QAM	36	39	18.91	19.00	19.30	18.92	18.91		
15	16QAM	75	0	18.92	18.97	19.05	18.92	18.85		
15	64QAM	1	0	19.07	19.00	19.14	18.85	18.95	20.5	0
15	64QAM	1	37	19.13	19.01	19.25	18.92	18.97		
15	64QAM	1	74	18.91	18.96	19.24	18.92	19.01		
15	64QAM	36	0	19.03	18.90	19.37	19.00	18.93	20.5	0
15	64QAM	36	20	19.14	19.31	19.28	18.97	19.06		
15	64QAM	36	39	18.91	19.07	19.24	18.97	19.02		
15	64QAM	75	0	18.97	19.13	19.08	19.09	19.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.11	18.89	19.20	19.12	18.88	20.5	0
10	QPSK	1	25	18.98	19.23	19.24	19.05	19.09		
10	QPSK	1	49	18.92	19.06	19.08	18.98	18.91		
10	QPSK	25	0	19.00	19.06	19.15	19.02	19.02	20.5	0
10	QPSK	25	12	18.95	19.21	19.20	18.93	19.05		
10	QPSK	25	25	19.13	18.99	19.05	18.95	19.03		
10	QPSK	50	0	18.89	19.00	19.12	18.78	18.83		
10	16QAM	1	0	18.88	18.88	19.15	18.95	18.91	20.5	0
10	16QAM	1	25	19.00	18.98	19.11	19.01	18.94		
10	16QAM	1	49	18.88	19.02	19.06	19.02	18.96		
10	16QAM	25	0	18.94	19.03	19.07	18.92	18.94	20.5	0
10	16QAM	25	12	19.08	19.00	19.16	18.90	18.94		
10	16QAM	25	25	18.88	19.04	19.10	19.02	18.78		
10	16QAM	50	0	18.95	19.06	19.09	18.85	18.91		
10	64QAM	1	0	18.96	19.03	19.21	18.90	18.94	20.5	0
10	64QAM	1	25	19.11	19.06	19.15	19.07	18.93		
10	64QAM	1	49	18.87	19.04	19.34	19.06	18.92		
10	64QAM	25	0	19.03	18.90	19.37	19.00	18.93	20.5	0
10	64QAM	25	12	19.14	19.31	19.28	18.97	19.06		
10	64QAM	25	25	18.91	19.07	19.24	18.97	19.02		
10	64QAM	50	0	18.97	19.13	19.08	19.09	19.03		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.16	19.08	19.31	19.11	19.03	20.5	0
5	QPSK	1	12	19.14	19.34	19.28	19.08	19.10		
5	QPSK	1	24	19.01	19.11	19.26	19.05	19.08		
5	QPSK	12	0	19.00	19.16	19.29	19.21	19.03	20.5	0
5	QPSK	12	7	19.06	19.27	19.28	19.12	19.05		
5	QPSK	12	13	19.13	19.11	19.23	19.08	19.07		
5	QPSK	25	0	19.04	19.18	19.32	18.99	19.01		
5	16QAM	1	0	19.06	19.01	19.21	19.08	18.96	20.5	0
5	16QAM	1	12	19.09	19.13	19.30	19.09	19.03		
5	16QAM	1	24	19.08	19.09	19.22	19.03	19.09		
5	16QAM	12	0	18.95	19.09	19.26	19.01	18.96	20.5	0
5	16QAM	12	7	19.12	19.13	19.25	19.05	18.98		
5	16QAM	12	13	19.05	19.03	19.29	19.04	18.97		
5	16QAM	25	0	19.01	19.09	19.24	19.02	18.97		
5	64QAM	1	0	19.11	19.11	19.24	19.04	18.97	20.5	0
5	64QAM	1	12	19.18	19.08	19.32	19.06	19.05		
5	64QAM	1	24	19.00	19.10	19.33	19.07	19.04		
5	64QAM	12	0	19.03	18.90	19.37	19.00	18.93	20.5	0
5	64QAM	12	7	19.14	19.31	19.28	18.97	19.06		
5	64QAM	12	13	18.91	19.07	19.24	18.97	19.02		
5	64QAM	25	0	18.97	19.13	19.08	19.09	19.03		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.16	19.08	19.37	19.11	19.03	20.5	0
20	QPSK	1	49	19.14	19.34	19.28	19.08	19.10		
20	QPSK	1	99	19.01	19.11	19.26	19.05	19.08		
20	QPSK	50	0	19.00	19.16	19.29	19.21	19.03	20.5	0
20	QPSK	50	24	19.06	19.27	19.28	19.12	19.05		
20	QPSK	50	50	19.13	19.11	19.23	19.08	19.07		
20	QPSK	100	0	19.04	19.18	19.32	18.99	19.01		
20	16QAM	1	0	19.06	19.01	19.21	19.08	18.96	20.5	0
20	16QAM	1	49	19.09	19.13	19.30	19.09	19.03		
20	16QAM	1	99	19.08	19.09	19.22	19.03	19.09		
20	16QAM	50	0	18.95	19.09	19.26	19.01	18.96	20.5	0
20	16QAM	50	24	19.12	19.13	19.25	19.05	18.98		
20	16QAM	50	50	19.05	19.03	19.29	19.04	18.97		
20	16QAM	100	0	19.01	19.09	19.24	19.02	18.97		
20	64QAM	1	0	19.11	19.11	19.24	19.04	18.97	20.5	0
20	64QAM	1	49	19.18	19.08	19.32	19.06	19.05		
20	64QAM	1	99	19.00	19.10	19.33	19.07	19.04		
20	64QAM	50	0	19.03	18.90	19.37	19.00	18.93	20.5	0
20	64QAM	50	24	19.14	19.31	19.28	18.97	19.06		
20	64QAM	50	50	18.91	19.07	19.24	18.97	19.02		
20	64QAM	100	0	18.97	19.13	19.08	19.09	19.03		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.12	18.89	19.30	18.98	18.85	20.5	0
15	QPSK	1	37	18.96	19.32	19.18	19.06	18.97		
15	QPSK	1	74	18.97	19.10	19.19	18.86	19.06		
15	QPSK	36	0	18.84	19.00	19.15	19.05	18.93	20.5	0
15	QPSK	36	20	18.91	19.07	19.24	19.08	18.88		
15	QPSK	36	39	19.13	19.07	19.10	19.02	18.96		
15	QPSK	75	0	18.88	19.03	19.24	18.97	18.85		
15	16QAM	1	0	18.88	18.89	19.09	19.02	18.87	20.5	0
15	16QAM	1	37	19.03	18.93	19.22	18.99	18.91		
15	16QAM	1	74	18.92	18.89	19.17	18.92	19.05		
15	16QAM	36	0	18.83	18.98	19.07	18.85	18.90	20.5	0
15	16QAM	36	20	19.04	19.05	19.25	18.90	18.91		
15	16QAM	36	39	18.91	19.00	19.30	18.92	18.91		
15	16QAM	75	0	18.92	18.97	19.05	18.92	18.85		
15	64QAM	1	0	19.07	19.00	19.14	18.85	18.95	20.5	0
15	64QAM	1	37	19.13	19.01	19.25	18.92	18.97		
15	64QAM	1	74	18.91	18.96	19.24	18.92	19.01		
15	64QAM	36	0	19.03	18.90	19.37	19.00	18.93	20.5	0
15	64QAM	36	20	19.14	19.31	19.28	18.97	19.06		
15	64QAM	36	39	18.91	19.07	19.24	18.97	19.02		
15	64QAM	75	0	18.97	19.13	19.08	19.09	19.03		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.11	18.89	19.20	19.12	18.88	20.5	0
10	QPSK	1	25	18.98	19.23	19.24	19.05	19.09		
10	QPSK	1	49	18.92	19.06	19.08	18.98	18.91		
10	QPSK	25	0	19.00	19.06	19.15	19.02	19.02	20.5	0
10	QPSK	25	12	18.95	19.21	19.20	18.93	19.05		
10	QPSK	25	25	19.13	18.99	19.05	18.95	19.03		
10	QPSK	50	0	18.89	19.00	19.12	18.78	18.83		
10	16QAM	1	0	18.88	18.88	19.15	18.95	18.91	20.5	0
10	16QAM	1	25	19.00	18.98	19.11	19.01	18.94		
10	16QAM	1	49	18.88	19.02	19.06	19.02	18.96		
10	16QAM	25	0	18.94	19.03	19.07	18.92	18.94	20.5	0
10	16QAM	25	12	19.08	19.00	19.16	18.90	18.94		
10	16QAM	25	25	18.88	19.04	19.10	19.02	18.78		
10	16QAM	50	0	18.95	19.06	19.09	18.85	18.91		
10	64QAM	1	0	18.96	19.03	19.21	18.90	18.94	20.5	0
10	64QAM	1	25	19.11	19.06	19.15	19.07	18.93		
10	64QAM	1	49	18.87	19.04	19.34	19.06	18.92		
10	64QAM	25	0	19.03	18.90	19.37	19.00	18.93	20.5	0
10	64QAM	25	12	19.14	19.31	19.28	18.97	19.06		
10	64QAM	25	25	18.91	19.07	19.24	18.97	19.02		
10	64QAM	50	0	18.97	19.13	19.08	19.09	19.03		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.16	19.08	19.31	19.11	19.03	20.5	0
5	QPSK	1	12	19.14	19.34	19.28	19.08	19.10		
5	QPSK	1	24	19.01	19.11	19.26	19.05	19.08		
5	QPSK	12	0	19.00	19.16	19.29	19.21	19.03	20.5	0
5	QPSK	12	7	19.06	19.27	19.28	19.12	19.05		
5	QPSK	12	13	19.13	19.11	19.23	19.08	19.07		
5	QPSK	25	0	19.04	19.18	19.32	18.99	19.01		
5	16QAM	1	0	19.06	19.01	19.21	19.08	18.96	20.5	0
5	16QAM	1	12	19.09	19.13	19.30	19.09	19.03		
5	16QAM	1	24	19.08	19.09	19.22	19.03	19.09		
5	16QAM	12	0	18.95	19.09	19.26	19.01	18.96	20.5	0
5	16QAM	12	7	19.12	19.13	19.25	19.05	18.98		
5	16QAM	12	13	19.05	19.03	19.29	19.04	18.97		
5	16QAM	25	0	19.01	19.09	19.24	19.02	18.97		
5	64QAM	1	0	19.11	19.11	19.24	19.04	18.97	20.5	0
5	64QAM	1	12	19.18	19.08	19.32	19.06	19.05		
5	64QAM	1	24	19.00	19.10	19.33	19.07	19.04		
5	64QAM	12	0	19.03	18.90	19.37	19.00	18.93	20.5	0
5	64QAM	12	7	19.14	19.31	19.28	18.97	19.06		
5	64QAM	12	13	18.91	19.07	19.24	18.97	19.02		
5	64QAM	25	0	18.97	19.13	19.08	19.09	19.03		

		WCDMA II Ant4 DSI4				WCDMA IV Ant4 DSI4			
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	22.60	22.78	22.57	23.00	22.00	22.09	22.10	23.50
3GPP Rel 99	RMC 12.2Kbps	22.69	22.87	22.62	23.00	21.93	22.29	22.19	23.50
3GPP Rel 6	HSDPA Subtest-1	21.78	21.86	21.73	22.00	21.11	21.21	21.25	22.50
3GPP Rel 6	HSDPA Subtest-2	21.65	21.72	21.60	22.00	21.10	21.17	21.25	22.50
3GPP Rel 6	HSDPA Subtest-3	21.21	21.25	21.09	21.50	20.73	20.87	20.79	22.00
3GPP Rel 6	HSDPA Subtest-4	21.44	21.37	21.07	21.50	20.69	20.80	20.66	22.00
3GPP Rel 8	DC-HSDPA Subtest-1	21.89	21.79	21.60	22.00	21.06	20.81	21.09	22.50
3GPP Rel 8	DC-HSDPA Subtest-2	21.84	21.63	21.38	22.00	20.96	20.88	20.99	22.50
3GPP Rel 8	DC-HSDPA Subtest-3	21.32	21.07	20.83	21.50	20.68	20.76	20.46	22.00
3GPP Rel 8	DC-HSDPA Subtest-4	21.29	21.16	21.04	21.50	20.51	20.66	20.58	22.00
3GPP Rel 6	HSUPA Subtest-1	20.96	20.75	20.64	22.00	21.29	21.17	21.42	22.50
3GPP Rel 6	HSUPA Subtest-2	19.90	19.76	19.70	20.00	19.13	19.15	19.30	20.50
3GPP Rel 6	HSUPA Subtest-3	20.92	20.84	20.61	21.00	20.31	20.19	20.49	21.50
3GPP Rel 6	HSUPA Subtest-4	19.38	19.40	19.16	20.00	18.75	18.81	18.91	20.50
3GPP Rel 6	HSUPA Subtest-5	20.82	20.74	20.88	22.00	21.26	21.19	21.27	22.50

Band 2 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	22.47	22.57	22.34	23	0
20	QPSK	1	49	22.23	22.33	22.23		
20	QPSK	1	99	22.26	22.21	22.26		
20	QPSK	50	0	22.39	22.47	22.34	23	0
20	QPSK	50	24	22.34	22.42	22.23		
20	QPSK	50	50	22.07	22.27	21.99		
20	QPSK	100	0	22.10	22.22	22.14		
20	16QAM	1	0	22.28	22.28	22.21	23	0
20	16QAM	1	49	22.22	22.47	22.18		
20	16QAM	1	99	22.28	22.32	22.42		
20	16QAM	50	0	22.31	22.45	22.26	23	0
20	16QAM	50	24	22.28	22.43	22.46		
20	16QAM	50	50	22.38	22.36	22.39		
20	16QAM	100	0	22.45	22.40	22.13		
20	64QAM	1	0	22.04	22.40	22.08	23	0
20	64QAM	1	49	22.13	22.39	22.08		
20	64QAM	1	99	22.00	22.39	22.24		
20	64QAM	50	0	21.79	21.93	21.67	22.5	0.5
20	64QAM	50	24	21.67	21.91	21.65		
20	64QAM	50	50	21.64	21.90	21.86		
20	64QAM	100	0	21.59	21.94	21.56		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	22.31	22.47	22.33	23	0
15	QPSK	1	37	22.27	22.43	22.26		
15	QPSK	1	74	22.09	22.08	22.14		
15	QPSK	36	0	22.00	22.30	22.09	23	0
15	QPSK	36	20	22.34	22.36	22.26		
15	QPSK	36	39	22.25	22.42	22.14		
15	QPSK	75	0	22.08	22.22	22.06		
15	16QAM	1	0	22.21	22.43	22.23	23	0
15	16QAM	1	37	22.02	22.45	22.19		
15	16QAM	1	74	22.33	22.42	22.32		
15	16QAM	36	0	22.37	22.51	22.40	23	0
15	16QAM	36	20	22.12	22.51	22.34		
15	16QAM	36	39	22.35	22.34	22.42		
15	16QAM	75	0	22.25	22.46	22.27		
15	64QAM	1	0	22.24	22.40	22.14	23	0
15	64QAM	1	37	22.00	22.46	22.24		
15	64QAM	1	74	22.16	22.44	22.14		
15	64QAM	36	0	21.70	21.88	21.72	22.5	0.5
15	64QAM	36	20	21.63	22.07	21.63		
15	64QAM	36	39	21.58	21.89	21.63		
15	64QAM	75	0	21.63	21.89	21.63		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	22.19	22.41	22.25	23	0
10	QPSK	1	25	22.23	22.47	22.22		
10	QPSK	1	49	22.18	22.14	22.12		
10	QPSK	25	0	22.01	22.42	22.19	23	0
10	QPSK	25	12	22.22	22.34	22.20		
10	QPSK	25	25	22.13	22.19	22.02		
10	QPSK	50	0	22.06	22.19	21.99		
10	16QAM	1	0	22.24	22.27	22.09	23	0
10	16QAM	1	25	22.00	22.30	22.10		
10	16QAM	1	49	22.29	22.35	22.42		
10	16QAM	25	0	22.38	22.30	22.41	23	0
10	16QAM	25	12	22.15	22.38	22.44		
10	16QAM	25	25	22.33	22.52	22.44		
10	16QAM	50	0	22.23	22.48	22.30		
10	64QAM	1	0	22.15	22.47	22.15	23	0
10	64QAM	1	25	22.08	22.37	22.14		
10	64QAM	1	49	22.05	22.41	22.06		
10	64QAM	25	0	21.73	22.00	21.68	22.5	0.5
10	64QAM	25	12	21.60	22.07	21.57		
10	64QAM	25	25	21.74	21.95	21.63		
10	64QAM	50	0	21.67	21.98	21.57		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	22.39	22.43	22.33	23	0
5	QPSK	1	12	22.21	22.34	22.08		
5	QPSK	1	24	22.17	21.95	22.12		
5	QPSK	12	0	21.97	22.45	22.20	23	0
5	QPSK	12	7	22.16	22.24	22.23		
5	QPSK	12	13	22.17	22.21	22.05		
5	QPSK	25	0	22.09	22.28	21.93		
5	16QAM	1	0	22.14	22.40	22.21	23	0
5	16QAM	1	12	22.08	22.40	22.01		
5	16QAM	1	24	22.25	22.38	22.25		
5	16QAM	12	0	22.33	22.40	22.37	23	0
5	16QAM	12	7	22.25	22.53	22.40		
5	16QAM	12	13	22.39	22.45	22.38		
5	16QAM	25	0	22.31	22.37	22.20		
5	64QAM	1	0	22.04	22.31	22.19	23	0
5	64QAM	1	12	22.16	22.37	22.15		
5	64QAM	1	24	22.11	22.30	22.26		
5	64QAM	12	0	21.85	21.94	21.56	22.5	0.5
5	64QAM	12	7	21.78	21.91	21.72		
5	64QAM	12	13	21.70	22.03	21.85		
5	64QAM	25	0	21.77	21.92	21.58		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	22.26	22.42	22.17	23	0
3	QPSK	1	8	22.18	22.40	22.07		
3	QPSK	1	14	22.23	22.09	22.00		
3	QPSK	8	0	22.17	22.35	22.05	23	0
3	QPSK	8	4	22.12	22.42	22.19		
3	QPSK	8	7	22.15	22.32	21.98		
3	QPSK	15	0	22.08	22.30	22.06		
3	16QAM	1	0	22.34	22.50	22.13	23	0
3	16QAM	1	8	22.14	22.41	22.21		
3	16QAM	1	14	22.17	22.35	22.37		
3	16QAM	8	0	22.44	22.38	22.31	23	0
3	16QAM	8	4	22.19	22.54	22.29		
3	16QAM	8	7	22.20	22.40	22.34		
3	16QAM	15	0	22.23	22.35	22.15		
3	64QAM	1	0	22.05	22.44	22.10	23	0
3	64QAM	1	8	21.99	22.36	22.16		
3	64QAM	1	14	22.00	22.49	22.22		
3	64QAM	8	0	21.65	21.78	21.61	22.5	0.5
3	64QAM	8	4	21.68	21.79	21.59		
3	64QAM	8	7	21.76	22.01	21.86		
3	64QAM	15	0	21.65	22.01	21.56		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	22.29	22.31	22.10	23	0
1.4	QPSK	1	3	22.29	22.29	22.23		
1.4	QPSK	1	5	22.09	22.13	22.14		
1.4	QPSK	3	0	22.03	22.28	22.05		
1.4	QPSK	3	1	22.25	22.32	22.23		
1.4	QPSK	3	3	22.16	22.39	21.99		
1.4	QPSK	6	0	21.92	22.19	22.08	23	0
1.4	16QAM	1	0	22.20	22.46	22.18	23	0
1.4	16QAM	1	3	22.13	22.51	22.01		
1.4	16QAM	1	5	22.22	22.44	22.36		
1.4	16QAM	3	0	22.38	22.49	22.40		
1.4	16QAM	3	1	22.09	22.41	22.31		
1.4	16QAM	3	3	22.38	22.51	22.35		
1.4	16QAM	6	0	22.31	22.52	22.29	23	0
1.4	64QAM	1	0	22.17	22.43	22.18	23	0
1.4	64QAM	1	3	22.17	22.44	22.28		
1.4	64QAM	1	5	22.18	22.31	22.15		
1.4	64QAM	3	0	22.35	22.35	22.03		
1.4	64QAM	3	1	22.18	22.46	22.27		
1.4	64QAM	3	3	22.16	22.47	22.22		
1.4	64QAM	6	0	21.72	21.89	21.53	22.5	0.5

Band 2 Ant4 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				18700	18900	19100		
Frequency (MHz)				1860	1880	1900		
20	QPSK	1	0	19.21	19.47	19.28	20	0
20	QPSK	1	49	19.21	19.35	19.11		
20	QPSK	1	99	18.99	19.22	18.99		
20	QPSK	50	0	19.08	19.34	19.15	20	0
20	QPSK	50	24	19.23	19.31	19.19		
20	QPSK	50	50	19.15	19.31	19.08		
20	QPSK	100	0	18.99	19.29	19.04		
20	16QAM	1	0	19.23	19.39	19.13	20	0
20	16QAM	1	49	19.10	19.41	19.11		
20	16QAM	1	99	19.22	19.43	19.34		
20	16QAM	50	0	19.33	19.41	19.29	20	0
20	16QAM	50	24	19.17	19.45	19.36		
20	16QAM	50	50	19.31	19.43	19.34		
20	16QAM	100	0	19.34	19.43	19.21		
20	64QAM	1	0	19.14	19.36	19.20	20	0
20	64QAM	1	49	19.11	19.42	19.17		
20	64QAM	1	99	19.10	19.38	19.17		
20	64QAM	50	0	19.26	19.43	19.12	20	0
20	64QAM	50	24	19.17	19.46	19.18		
20	64QAM	50	50	19.16	19.44	19.24		
20	64QAM	100	0	19.18	19.41	19.15		
Channel				18675	18900	19125	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	QPSK	1	0	19.02	19.17	19.11	20	0
15	QPSK	1	37	19.06	19.15	18.95		
15	QPSK	1	74	18.72	19.09	18.75		
15	QPSK	36	0	18.97	19.02	19.01	20	0
15	QPSK	36	20	19.08	19.24	18.93		
15	QPSK	36	39	18.94	19.17	18.78		
15	QPSK	75	0	18.75	19.16	18.84		
15	16QAM	1	0	19.10	19.12	18.97	20	0
15	16QAM	1	37	18.86	19.15	18.86		
15	16QAM	1	74	18.97	19.34	19.05		
15	16QAM	36	0	19.24	19.12	19.05	20	0
15	16QAM	36	20	19.07	19.14	19.19		
15	16QAM	36	39	19.21	19.15	19.14		
15	16QAM	75	0	19.19	19.17	18.90		
15	64QAM	1	0	18.92	19.12	19.08	20	0
15	64QAM	1	37	19.02	19.31	18.99		
15	64QAM	1	74	18.99	19.16	18.95		
15	64QAM	36	0	18.97	19.15	18.93	20	0
15	64QAM	36	20	18.87	19.28	18.92		
15	64QAM	36	39	19.04	19.22	19.14		
15	64QAM	75	0	18.88	19.20	18.98		
Channel				18650	18900	19150	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	QPSK	1	0	18.92	19.23	19.16	20	0
10	QPSK	1	25	18.97	19.05	19.03		
10	QPSK	1	49	18.88	19.02	18.74		
10	QPSK	25	0	18.84	19.15	18.97	20	0
10	QPSK	25	12	18.94	19.07	18.97		
10	QPSK	25	25	18.98	19.12	18.90		
10	QPSK	50	0	18.87	19.01	18.89		
10	16QAM	1	0	19.06	19.22	18.95	20	0
10	16QAM	1	25	18.87	19.30	19.00		
10	16QAM	1	49	19.03	19.18	19.22		
10	16QAM	25	0	19.21	19.12	19.18	20	0
10	16QAM	25	12	18.97	19.14	19.19		
10	16QAM	25	25	19.20	19.17	19.09		
10	16QAM	50	0	19.07	19.13	18.98		
10	64QAM	1	0	18.99	19.05	19.09	20	0
10	64QAM	1	25	18.98	19.26	18.87		
10	64QAM	1	49	19.01	19.15	18.88		
10	64QAM	25	0	19.13	19.29	18.90	20	0
10	64QAM	25	12	18.87	19.28	19.00		
10	64QAM	25	25	19.01	19.19	19.01		
10	64QAM	50	0	18.88	19.33	19.00		
Channel				18625	18900	19175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	QPSK	1	0	19.03	19.24	19.03	20	0
5	QPSK	1	12	18.99	19.22	18.80		
5	QPSK	1	24	18.79	19.13	18.83		
5	QPSK	12	0	18.81	19.07	19.06	20	0
5	QPSK	12	7	19.00	19.08	18.98		
5	QPSK	12	13	18.90	19.18	18.95		
5	QPSK	25	0	18.77	19.18	18.85		
5	16QAM	1	0	18.93	19.11	18.86	20	0
5	16QAM	1	12	18.79	19.12	18.94		
5	16QAM	1	24	18.90	19.26	19.21		
5	16QAM	12	0	19.05	19.17	19.16	20	0
5	16QAM	12	7	18.93	19.17	19.11		
5	16QAM	12	13	19.17	19.23	19.09		
5	16QAM	25	0	19.10	19.30	19.03		
5	64QAM	1	0	18.92	19.10	19.05	20	0
5	64QAM	1	12	18.93	19.33	18.95		
5	64QAM	1	24	19.01	19.17	19.02		
5	64QAM	12	0	19.13	19.31	18.94	20	0
5	64QAM	12	7	18.86	19.19	19.09		
5	64QAM	12	13	18.91	19.16	19.05		
5	64QAM	25	0	19.05	19.22	19.06		
Channel				18615	18900	19185	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1851.5	1880	1908.5		
3	QPSK	1	0	18.92	19.06	19.16	20	0
3	QPSK	1	8	18.94	19.04	18.89		
3	QPSK	1	14	18.76	19.02	18.85		
3	QPSK	8	0	18.85	19.13	18.89	20	0
3	QPSK	8	4	18.92	19.12	18.95		
3	QPSK	8	7	18.84	18.99	18.77		
3	QPSK	15	0	18.74	19.10	18.75		
3	16QAM	1	0	19.04	19.25	18.99	20	0
3	16QAM	1	8	18.83	19.13	19.01		
3	16QAM	1	14	18.93	19.13	19.13		
3	16QAM	8	0	19.08	19.12	19.12	20	0
3	16QAM	8	4	18.87	19.17	19.17		
3	16QAM	8	7	19.19	19.13	19.09		
3	16QAM	15	0	19.05	19.35	19.09		
3	64QAM	1	0	18.83	19.10	19.04	20	0
3	64QAM	1	8	18.80	19.10	19.08		
3	64QAM	1	14	18.83	19.13	18.93		
3	64QAM	8	0	19.13	19.31	19.02	20	0
3	64QAM	8	4	19.07	19.15	18.91		
3	64QAM	8	7	18.96	19.31	18.94		
3	64QAM	15	0	18.93	19.28	18.95		
Channel				18607	18900	19193	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1850.7	1880	1909.3		
1.4	QPSK	1	0	19.10	19.17	18.99	20	0
1.4	QPSK	1	3	18.98	19.14	18.97		
1.4	QPSK	1	5	18.83	18.94	18.76		
1.4	QPSK	3	0	18.81	19.23	18.83		
1.4	QPSK	3	1	19.01	19.18	18.96		
1.4	QPSK	3	3	18.86	19.16	18.92		
1.4	QPSK	6	0	18.88	19.09	18.82	20	0
1.4	16QAM	1	0	19.09	19.24	18.86	20	0
1.4	16QAM	1	3	18.82	19.19	18.95		
1.4	16QAM	1	5	18.94	19.13	19.11		
1.4	16QAM	3	0	19.16	19.10	18.98		
1.4	16QAM	3	1	18.96	19.24	19.21		
1.4	16QAM	3	3	19.11	19.23	19.25		
1.4	16QAM	6	0	19.05	19.13	18.94	20	0
1.4	64QAM	1	0	18.94	19.27	19.12	20	0
1.4	64QAM	1	3	19.03	19.29	19.05		
1.4	64QAM	1	5	18.80	19.07	19.08		
1.4	64QAM	3	0	19.06	19.22	18.89		
1.4	64QAM	3	1	18.90	19.15	19.04		
1.4	64QAM	3	3	18.88	19.24	18.92		
1.4	64QAM	6	0	18.96	19.28	18.92	20	0

Band 4 Ant4 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20050	20175	20300		
Frequency (MHz)				1720	1732.5	1745		
20	QPSK	1	0	19.55	19.90	19.70	21	0
20	QPSK	1	49	19.56	19.63	19.73		
20	QPSK	1	99	19.46	19.66	19.47		
20	QPSK	50	0	19.53	19.83	19.37	21	0
20	QPSK	50	24	19.34	19.82	19.41		
20	QPSK	50	50	19.43	19.63	19.38		
20	QPSK	100	0	19.48	19.75	19.64		
20	16QAM	1	0	19.73	19.72	19.72	21	0
20	16QAM	1	49	19.73	19.58	19.74		
20	16QAM	1	99	19.68	19.82	19.67		
20	16QAM	50	0	19.60	19.74	19.61	21	0
20	16QAM	50	24	19.53	19.88	19.57		
20	16QAM	50	50	19.46	19.68	19.44		
20	16QAM	100	0	19.57	19.82	19.55		
20	64QAM	1	0	19.44	19.84	19.48	21	0
20	64QAM	1	49	19.84	19.82	19.56		
20	64QAM	1	99	19.53	19.76	19.65		
20	64QAM	50	0	19.60	19.85	19.65	21	0
20	64QAM	50	24	19.69	19.86	19.45		
20	64QAM	50	50	19.52	19.71	19.58		
20	64QAM	100	0	19.54	19.64	19.59		
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
15	QPSK	1	0	19.40	19.70	19.67	21	0
15	QPSK	1	37	19.38	19.53	19.58		
15	QPSK	1	74	19.45	19.49	19.26		
15	QPSK	36	0	19.34	19.78	19.60	21	0
15	QPSK	36	20	19.38	19.82	19.50		
15	QPSK	36	39	19.37	19.52	19.49		
15	QPSK	75	0	19.42	19.72	19.50		
15	16QAM	1	0	19.51	19.70	19.70	21	0
15	16QAM	1	37	19.74	19.45	19.75		
15	16QAM	1	74	19.61	19.84	19.50		
15	16QAM	36	0	19.47	19.65	19.41	21	0
15	16QAM	36	20	19.52	19.71	19.52		
15	16QAM	36	39	19.69	19.68	19.30		
15	16QAM	75	0	19.44	19.80	19.37		
15	64QAM	1	0	19.40	19.76	19.40	21	0
15	64QAM	1	37	19.76	19.66	19.55		
15	64QAM	1	74	19.31	19.78	19.66		
15	64QAM	36	0	19.44	19.67	19.58	21	0
15	64QAM	36	20	19.51	19.76	19.46		
15	64QAM	36	39	19.42	19.53	19.48		
15	64QAM	75	0	19.36	19.58	19.59		
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750		
10	QPSK	1	0	19.55	19.81	19.71	21	0
10	QPSK	1	25	19.41	19.63	19.59		
10	QPSK	1	49	19.42	19.55	19.36		
10	QPSK	25	0	19.50	19.75	19.34	21	0
10	QPSK	25	12	19.35	19.61	19.35		
10	QPSK	25	25	19.44	19.47	19.30		
10	QPSK	50	0	19.30	19.66	19.52		
10	16QAM	1	0	19.62	19.66	19.50	21	0
10	16QAM	1	25	19.71	19.36	19.76		
10	16QAM	1	49	19.52	19.65	19.56		
10	16QAM	25	0	19.47	19.75	19.58	21	0
10	16QAM	25	12	19.46	19.77	19.35		
10	16QAM	25	25	19.40	19.56	19.27		
10	16QAM	50	0	19.37	19.81	19.35		
10	64QAM	1	0	19.41	19.82	19.48	21	0
10	64QAM	1	25	19.78	19.82	19.53		
10	64QAM	1	49	19.54	19.71	19.54		
10	64QAM	25	0	19.50	19.83	19.57	21	0
10	64QAM	25	12	19.51	19.78	19.46		
10	64QAM	25	25	19.35	19.68	19.43		
10	64QAM	50	0	19.36	19.51	19.42		
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
5	QPSK	1	0	19.44	19.80	19.50	21	0
5	QPSK	1	12	19.40	19.53	19.54		
5	QPSK	1	24	19.43	19.68	19.40		
5	QPSK	12	0	19.43	19.69	19.56	21	0
5	QPSK	12	7	19.55	19.78	19.32		
5	QPSK	12	13	19.45	19.48	19.31		
5	QPSK	25	0	19.42	19.69	19.51		
5	16QAM	1	0	19.71	19.54	19.62	21	0
5	16QAM	1	12	19.60	19.52	19.70		
5	16QAM	1	24	19.70	19.76	19.61		
5	16QAM	12	0	19.55	19.62	19.50	21	0
5	16QAM	12	7	19.44	19.74	19.56		
5	16QAM	12	13	19.28	19.68	19.45		
5	16QAM	25	0	19.43	19.63	19.48		
5	64QAM	1	0	19.46	19.68	19.37	21	0
5	64QAM	1	12	19.79	19.83	19.56		
5	64QAM	1	24	19.54	19.61	19.62		
5	64QAM	12	0	19.45	19.67	19.47	21	0
5	64QAM	12	7	19.63	19.72	19.26		
5	64QAM	12	13	19.49	19.49	19.45		
5	64QAM	25	0	19.40	19.42	19.59		
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
3	QPSK	1	0	19.42	19.80	19.69	21	0
3	QPSK	1	8	19.47	19.60	19.57		
3	QPSK	1	14	19.33	19.56	19.33		
3	QPSK	8	0	19.32	19.63	19.16	21	0
3	QPSK	8	4	19.22	19.64	19.42		
3	QPSK	8	7	19.25	19.56	19.27		
3	QPSK	15	0	19.26	19.72	19.51		
3	16QAM	1	0	19.57	19.50	19.64	21	0
3	16QAM	1	8	19.59	19.47	19.52		
3	16QAM	1	14	19.49	19.61	19.62		
3	16QAM	8	0	19.48	19.71	19.53	21	0
3	16QAM	8	4	19.50	19.73	19.42		
3	16QAM	8	7	19.30	19.48	19.27		
3	16QAM	15	0	19.42	19.63	19.48		
3	64QAM	1	0	19.31	19.80	19.41	21	0
3	64QAM	1	8	19.65	19.69	19.55		
3	64QAM	1	14	19.53	19.57	19.51		
3	64QAM	8	0	19.52	19.77	19.46	21	0
3	64QAM	8	4	19.68	19.66	19.46		
3	64QAM	8	7	19.50	19.70	19.57		
3	64QAM	15	0	19.44	19.43	19.58		
Channel				19957	20175	20393	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
1.4	QPSK	1	0	19.42	19.73	19.63	21	0
1.4	QPSK	1	3	19.49	19.54	19.61		
1.4	QPSK	1	5	19.34	19.47	19.33		
1.4	QPSK	3	0	19.34	19.72	19.69		
1.4	QPSK	3	1	19.31	19.69	19.43		
1.4	QPSK	3	3	19.32	19.62	19.38		
1.4	QPSK	6	0	19.48	19.68	19.56	21	0
1.4	16QAM	1	0	19.69	19.73	19.60	21	0
1.4	16QAM	1	3	19.57	19.58	19.67		
1.4	16QAM	1	5	19.60	19.69	19.55		
1.4	16QAM	3	0	19.47	19.68	19.44		
1.4	16QAM	3	1	19.50	19.73	19.49		
1.4	16QAM	3	3	19.29	19.65	19.45		
1.4	16QAM	6	0	19.43	19.62	19.54	21	0
1.4	64QAM	1	0	19.43	19.78	19.49	21	0
1.4	64QAM	1	3	19.66	19.80	19.38		
1.4	64QAM	1	5	19.36	19.77	19.43		
1.4	64QAM	3	0	19.47	19.78	19.62		
1.4	64QAM	3	1	19.63	19.78	19.46		
1.4	64QAM	3	3	19.46	19.73	19.47		
1.4	64QAM	6	0	19.54	19.50	19.43	21	0

Band 7 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	19.86	20.26	20.16	20.5	0
20	QPSK	1	49	19.93	20.04	20.01		
20	QPSK	1	99	19.81	20.06	20.00		
20	QPSK	50	0	19.98	20.25	19.99	20.5	0
20	QPSK	50	24	19.84	20.15	19.91		
20	QPSK	50	50	19.81	20.14	19.85		
20	QPSK	100	0	19.89	20.11	20.06		
20	16QAM	1	0	19.59	20.07	20.01	20.5	0
20	16QAM	1	49	19.61	19.92	19.84		
20	16QAM	1	99	19.59	19.90	19.85		
20	16QAM	50	0	19.86	20.15	19.90	20.5	0
20	16QAM	50	24	19.70	20.05	19.76		
20	16QAM	50	50	19.71	20.01	19.74		
20	16QAM	100	0	19.73	20.00	19.89		
20	64QAM	1	0	19.68	20.11	19.98	20.5	0
20	64QAM	1	49	19.65	19.94	19.88		
20	64QAM	1	99	19.63	19.98	19.89		
20	64QAM	50	0	19.89	20.10	19.87	20.5	0
20	64QAM	50	24	19.71	20.04	19.76		
20	64QAM	50	50	19.66	20.01	19.67		
20	64QAM	100	0	19.79	19.94	19.93		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	19.69	20.08	20.02	20.5	0
15	QPSK	1	37	19.67	19.87	19.95		
15	QPSK	1	74	19.59	19.99	19.84		
15	QPSK	36	0	19.84	20.16	19.87	20.5	0
15	QPSK	36	20	19.69	20.03	19.85		
15	QPSK	36	39	19.66	20.06	19.75		
15	QPSK	75	0	19.73	19.96	19.97		
15	16QAM	1	0	19.56	19.95	19.94	20.5	0
15	16QAM	1	37	19.63	19.85	19.69		
15	16QAM	1	74	19.52	19.80	19.69		
15	16QAM	36	0	19.74	20.01	19.82	20.5	0
15	16QAM	36	20	19.54	19.92	19.61		
15	16QAM	36	39	19.55	19.89	19.57		
15	16QAM	75	0	19.59	19.84	19.77		
15	64QAM	1	0	19.55	19.97	19.86	20.5	0
15	64QAM	1	37	19.69	19.76	19.81		
15	64QAM	1	74	19.63	19.87	19.71		
15	64QAM	36	0	19.77	20.00	19.72	20.5	0
15	64QAM	36	20	19.54	19.94	19.63		
15	64QAM	36	39	19.57	19.90	19.51		
15	64QAM	75	0	19.62	19.80	19.87		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	19.63	20.04	20.03	20.5	0
10	QPSK	1	25	19.71	19.88	19.83		
10	QPSK	1	49	19.81	19.92	19.92		
10	QPSK	25	0	19.85	20.18	19.83	20.5	0
10	QPSK	25	12	19.69	20.03	19.79		
10	QPSK	25	25	19.73	20.05	19.69		
10	QPSK	50	0	19.76	19.98	19.95		
10	16QAM	1	0	19.52	19.95	19.86	20.5	0
10	16QAM	1	25	19.69	19.82	19.73		
10	16QAM	1	49	19.70	19.81	19.67		
10	16QAM	25	0	19.73	20.03	19.77	20.5	0
10	16QAM	25	12	19.62	19.91	19.61		
10	16QAM	25	25	19.59	19.83	19.61		
10	16QAM	50	0	19.55	19.92	19.77		
10	64QAM	1	0	19.55	20.00	19.81	20.5	0
10	64QAM	1	25	19.50	19.76	19.70		
10	64QAM	1	49	19.52	19.89	19.79		
10	64QAM	25	0	19.77	19.99	19.78	20.5	0
10	64QAM	25	12	19.61	19.89	19.64		
10	64QAM	25	25	19.53	19.94	19.53		
10	64QAM	50	0	19.66	19.77	19.85		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	19.63	20.08	20.10	20.5	0
5	QPSK	1	12	19.83	19.97	19.87		
5	QPSK	1	24	19.70	19.95	19.89		
5	QPSK	12	0	19.90	20.17	19.91	20.5	0
5	QPSK	12	7	19.69	20.05	19.87		
5	QPSK	12	13	19.75	20.09	19.69		
5	QPSK	25	0	19.82	20.01	19.96		
5	16QAM	1	0	19.81	19.99	19.94	20.5	0
5	16QAM	1	12	19.61	19.83	19.80		
5	16QAM	1	24	19.53	19.77	19.75		
5	16QAM	12	0	19.72	19.99	19.81	20.5	0
5	16QAM	12	7	19.64	20.00	19.64		
5	16QAM	12	13	19.56	19.93	19.68		
5	16QAM	25	0	19.69	19.92	19.77		
5	64QAM	1	0	19.57	19.97	19.90	20.5	0
5	64QAM	1	12	19.50	19.89	19.84		
5	64QAM	1	24	19.53	19.92	19.81		
5	64QAM	12	0	19.79	19.97	19.75	20.5	0
5	64QAM	12	7	19.60	19.96	19.60		
5	64QAM	12	13	19.57	19.86	19.52		
5	64QAM	25	0	19.69	19.79	19.85		

Band 7 Ant4 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.18	17.33	17.24	17.5	0
20	QPSK	1	49	17.10	17.17	17.18		
20	QPSK	1	99	16.94	17.00	16.95		
20	QPSK	50	0	17.08	17.29	16.97	17.5	0
20	QPSK	50	24	17.16	17.21	17.10		
20	QPSK	50	50	17.01	17.16	16.99		
20	QPSK	100	0	16.98	17.14	17.01		
20	16QAM	1	0	17.24	17.20	17.10	17.5	0
20	16QAM	1	49	17.06	17.21	17.20		
20	16QAM	1	99	17.14	17.23	17.19		
20	16QAM	50	0	17.12	17.13	17.06	17.5	0
20	16QAM	50	24	16.77	16.92	16.91		
20	16QAM	50	50	17.05	17.15	17.12		
20	16QAM	100	0	17.09	17.15	17.18		
20	64QAM	1	0	17.18	17.15	17.15	17.5	0
20	64QAM	1	49	17.02	17.18	17.14		
20	64QAM	1	99	16.98	17.13	17.06		
20	64QAM	50	0	17.13	17.15	16.98	17.5	0
20	64QAM	50	24	17.12	17.20	17.04		
20	64QAM	50	50	17.25	17.21	17.20		
20	64QAM	100	0	17.30	17.23	17.28		
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	17.02	17.21	17.07	17.5	0
15	QPSK	1	37	17.02	17.18	17.03		
15	QPSK	1	74	16.95	16.88	16.90		
15	QPSK	36	0	16.99	17.15	16.84	17.5	0
15	QPSK	36	20	17.10	17.18	17.09		
15	QPSK	36	39	16.99	17.02	16.92		
15	QPSK	75	0	16.95	17.08	17.07		
15	16QAM	1	0	17.27	17.22	17.01	17.5	0
15	16QAM	1	37	17.00	17.23	17.15		
15	16QAM	1	74	17.06	17.25	17.20		
15	16QAM	36	0	17.10	17.11	16.99	17.5	0
15	16QAM	36	20	16.81	16.81	16.81		
15	16QAM	36	39	16.95	17.17	17.18		
15	16QAM	75	0	16.96	17.21	17.25		
15	64QAM	1	0	17.13	17.20	16.99	17.5	0
15	64QAM	1	37	17.08	17.16	16.98		
15	64QAM	1	74	17.00	17.18	16.98		
15	64QAM	36	0	17.13	17.07	17.02	17.5	0
15	64QAM	36	20	17.06	17.07	17.02		
15	64QAM	36	39	17.14	17.23	17.15		
15	64QAM	75	0	17.24	17.28	17.21		
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	17.07	17.31	17.11	17.5	0
10	QPSK	1	25	17.03	17.09	17.07		
10	QPSK	1	49	16.82	16.85	16.99		
10	QPSK	25	0	17.13	17.14	16.92	17.5	0
10	QPSK	25	12	17.05	17.04	17.07		
10	QPSK	25	25	16.92	17.12	17.02		
10	QPSK	50	0	17.03	17.08	17.02		
10	16QAM	1	0	17.10	17.12	17.07	17.5	0
10	16QAM	1	25	16.94	17.20	17.23		
10	16QAM	1	49	17.11	17.15	17.07		
10	16QAM	25	0	17.18	16.99	17.07	17.5	0
10	16QAM	25	12	16.82	16.92	16.77		
10	16QAM	25	25	16.95	17.01	17.05		
10	16QAM	50	0	17.16	17.13	17.16		
10	64QAM	1	0	17.24	17.08	16.98	17.5	0
10	64QAM	1	25	16.90	17.01	17.01		
10	64QAM	1	49	16.87	16.98	17.03		
10	64QAM	25	0	17.02	17.10	17.03	17.5	0
10	64QAM	25	12	17.08	17.23	17.00		
10	64QAM	25	25	17.26	17.06	17.24		
10	64QAM	50	0	17.17	17.18	17.03		
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	17.07	17.28	17.14	17.5	0
5	QPSK	1	12	17.01	17.22	17.17		
5	QPSK	1	24	16.93	16.97	16.98		
5	QPSK	12	0	17.06	17.00	16.97	17.5	0
5	QPSK	12	7	17.01	17.28	17.06		
5	QPSK	12	13	16.86	17.13	16.92		
5	QPSK	25	0	17.01	17.02	17.07		
5	16QAM	1	0	17.25	17.17	17.00	17.5	0
5	16QAM	1	12	17.12	17.25	17.16		
5	16QAM	1	24	17.13	17.12	17.13		
5	16QAM	12	0	17.00	17.06	17.04	17.5	0
5	16QAM	12	7	16.63	16.79	16.85		
5	16QAM	12	13	17.01	17.12	17.09		
5	16QAM	25	0	17.13	17.21	17.13		
5	64QAM	1	0	17.18	16.99	16.99	17.5	0
5	64QAM	1	12	17.04	17.11	17.17		
5	64QAM	1	24	16.90	17.02	16.91		
5	64QAM	12	0	17.09	17.02	16.98	17.5	0
5	64QAM	12	7	17.06	17.11	16.88		
5	64QAM	12	13	17.17	17.15	17.09		
5	64QAM	25	0	17.14	17.07	17.32		

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.53	19.92	19.59	21	0
20	QPSK	1	49	19.48	19.64	19.50		
20	QPSK	1	99	19.65	19.81	19.52		
20	QPSK	50	0	19.55	19.86	19.56	21	0
20	QPSK	50	24	19.51	19.81	19.57		
20	QPSK	50	50	19.47	19.75	19.43		
20	QPSK	100	0	19.60	19.79	19.64		
20	16QAM	1	0	19.76	19.91	19.75	21	0
20	16QAM	1	49	19.80	19.78	19.78		
20	16QAM	1	99	19.74	19.87	19.67		
20	16QAM	50	0	19.79	19.81	19.76	21	0
20	16QAM	50	24	19.66	19.89	19.77		
20	16QAM	50	50	19.65	19.81	19.63		
20	16QAM	100	0	19.74	19.89	19.67		
20	64QAM	1	0	19.61	19.86	19.61	21	0
20	64QAM	1	49	19.85	19.91	19.76		
20	64QAM	1	99	19.60	19.90	19.70		
20	64QAM	50	0	19.72	19.86	19.67	21	0
20	64QAM	50	24	19.82	19.90	19.64		
20	64QAM	50	50	19.73	19.84	19.72		
20	64QAM	100	0	19.61	19.86	19.66		
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.32	19.61	19.49	21	0
15	QPSK	1	37	19.18	19.38	19.28		
15	QPSK	1	74	19.48	19.63	19.36		
15	QPSK	36	0	19.41	19.66	19.27	21	0
15	QPSK	36	20	19.35	19.73	19.26		
15	QPSK	36	39	19.30	19.65	19.26		
15	QPSK	75	0	19.45	19.58	19.33		
15	16QAM	1	0	19.52	19.75	19.48	21	0
15	16QAM	1	37	19.66	19.68	19.58		
15	16QAM	1	74	19.58	19.63	19.57		
15	16QAM	36	0	19.56	19.57	19.64	21	0
15	16QAM	36	20	19.43	19.76	19.59		
15	16QAM	36	39	19.52	19.68	19.43		
15	16QAM	75	0	19.60	19.75	19.42		
15	64QAM	1	0	19.49	19.71	19.48	21	0
15	64QAM	1	37	19.65	19.80	19.48		
15	64QAM	1	74	19.44	19.81	19.44		
15	64QAM	36	0	19.49	19.77	19.57	21	0
15	64QAM	36	20	19.59	19.78	19.52		
15	64QAM	36	39	19.50	19.63	19.58		
15	64QAM	75	0	19.39	19.69	19.49		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.34	19.60	19.50	21	0
10	QPSK	1	25	19.42	19.50	19.42		
10	QPSK	1	49	19.50	19.65	19.39		
10	QPSK	25	0	19.28	19.57	19.25	21	0
10	QPSK	25	12	19.30	19.72	19.30		
10	QPSK	25	25	19.26	19.57	19.34		
10	QPSK	50	0	19.41	19.56	19.37		
10	16QAM	1	0	19.55	19.61	19.54	21	0
10	16QAM	1	25	19.71	19.46	19.58		
10	16QAM	1	49	19.65	19.67	19.42		
10	16QAM	25	0	19.54	19.49	19.67	21	0
10	16QAM	25	12	19.55	19.64	19.64		
10	16QAM	25	25	19.53	19.69	19.37		
10	16QAM	50	0	19.50	19.76	19.58		
10	64QAM	1	0	19.42	19.72	19.36	21	0
10	64QAM	1	25	19.74	19.69	19.48		
10	64QAM	1	49	19.49	19.64	19.50		
10	64QAM	25	0	19.57	19.74	19.55	21	0
10	64QAM	25	12	19.56	19.81	19.33		
10	64QAM	25	25	19.56	19.70	19.45		
10	64QAM	50	0	19.30	19.75	19.58		
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	19.24	19.64	19.43	21	0
5	QPSK	1	12	19.29	19.47	19.41		
5	QPSK	1	24	19.49	19.58	19.38		
5	QPSK	12	0	19.32	19.65	19.41	21	0
5	QPSK	12	7	19.38	19.60	19.49		
5	QPSK	12	13	19.39	19.46	19.30		
5	QPSK	25	0	19.29	19.59	19.54		
5	16QAM	1	0	19.49	19.73	19.58	21	0
5	16QAM	1	12	19.70	19.49	19.69		
5	16QAM	1	24	19.52	19.65	19.51		
5	16QAM	12	0	19.65	19.49	19.55	21	0
5	16QAM	12	7	19.49	19.75	19.56		
5	16QAM	12	13	19.39	19.61	19.37		
5	16QAM	25	0	19.50	19.61	19.56		
5	64QAM	1	0	19.38	19.70	19.52	21	0
5	64QAM	1	12	19.66	19.73	19.56		
5	64QAM	1	24	19.41	19.63	19.43		
5	64QAM	12	0	19.58	19.77	19.38	21	0
5	64QAM	12	7	19.61	19.69	19.48		
5	64QAM	12	13	19.43	19.67	19.63		
5	64QAM	25	0	19.36	19.78	19.42		
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	19.40	19.70	19.51	21	0
3	QPSK	1	8	19.30	19.54	19.40		
3	QPSK	1	14	19.49	19.62	19.23		
3	QPSK	8	0	19.40	19.49	19.38	21	0
3	QPSK	8	4	19.21	19.62	19.46		
3	QPSK	8	7	19.19	19.58	19.17		
3	QPSK	15	0	19.35	19.66	19.52		
3	16QAM	1	0	19.49	19.76	19.63	21	0
3	16QAM	1	8	19.72	19.62	19.66		
3	16QAM	1	14	19.54	19.66	19.40		
3	16QAM	8	0	19.64	19.71	19.59	21	0
3	16QAM	8	4	19.36	19.78	19.52		
3	16QAM	8	7	19.47	19.49	19.35		
3	16QAM	15	0	19.57	19.60	19.49		
3	64QAM	1	0	19.41	19.54	19.38	21	0
3	64QAM	1	8	19.72	19.78	19.59		
3	64QAM	1	14	19.47	19.81	19.61		
3	64QAM	8	0	19.57	19.71	19.58	21	0
3	64QAM	8	4	19.57	19.77	19.38		
3	64QAM	8	7	19.42	19.60	19.58		
3	64QAM	15	0	19.35	19.78	19.37		
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	19.33	19.51	19.27	21	0
1.4	QPSK	1	3	19.31	19.51	19.34		
1.4	QPSK	1	5	19.50	19.50	19.37		
1.4	QPSK	3	0	19.24	19.46	19.44		
1.4	QPSK	3	1	19.24	19.44	19.33		
1.4	QPSK	3	3	19.18	19.55	19.19		
1.4	QPSK	6	0	19.42	19.69	19.40	21	0
1.4	16QAM	1	0	19.48	19.66	19.57	21	0
1.4	16QAM	1	3	19.65	19.49	19.65		
1.4	16QAM	1	5	19.56	19.56	19.47		
1.4	16QAM	3	0	19.58	19.55	19.53		
1.4	16QAM	3	1	19.36	19.76	19.54		
1.4	16QAM	3	3	19.57	19.64	19.35		
1.4	16QAM	6	0	19.58	19.77	19.54	21	0
1.4	64QAM	1	0	19.34	19.68	19.37	21	0
1.4	64QAM	1	3	19.70	19.70	19.59		
1.4	64QAM	1	5	19.36	19.79	19.43		
1.4	64QAM	3	0	19.45	19.67	19.42		
1.4	64QAM	3	1	19.71	19.79	19.32		
1.4	64QAM	3	3	19.53	19.58	19.57		
1.4	64QAM	6	0	19.47	19.67	19.41	21	0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.73	22.94	22.86	24.5	0
20	QPSK	1	49	22.71	22.88	22.83		
20	QPSK	1	99	22.62	22.62	22.58		
20	QPSK	50	0	22.82	22.85	22.77	24.5	0
20	QPSK	50	24	22.74	22.74	22.68		
20	QPSK	50	50	22.78	22.77	22.56		
20	QPSK	100	0	22.60	22.79	22.77		
20	16QAM	1	0	22.50	22.78	22.65	24.5	0
20	16QAM	1	49	22.54	22.75	22.80		
20	16QAM	1	99	22.58	22.58	22.59		
20	16QAM	50	0	22.79	22.76	22.61	23.5	1
20	16QAM	50	24	22.53	22.74	22.63		
20	16QAM	50	50	22.71	22.72	22.47		
20	16QAM	100	0	22.46	22.64	22.58		
20	64QAM	1	0	21.82	22.00	21.84	23.5	1
20	64QAM	1	49	21.58	21.79	21.91		
20	64QAM	1	99	21.57	21.63	21.57		
20	64QAM	50	0	21.94	21.97	21.71	22.5	2
20	64QAM	50	24	21.62	21.74	21.72		
20	64QAM	50	50	21.83	21.70	21.67		
20	64QAM	100	0	21.49	21.79	21.75		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.60	22.77	22.70	24.5	0
15	QPSK	1	37	22.57	22.80	22.63		
15	QPSK	1	74	22.58	22.62	22.69		
15	QPSK	36	0	22.88	22.68	22.79	24.5	0
15	QPSK	36	20	22.71	22.75	22.67		
15	QPSK	36	39	22.76	22.77	22.53		
15	QPSK	75	0	22.53	22.77	22.65		
15	16QAM	1	0	22.54	22.66	22.60	24.5	0
15	16QAM	1	37	22.57	22.53	22.65		
15	16QAM	1	74	22.53	22.51	22.59		
15	16QAM	36	0	22.62	22.73	22.62	23.5	1
15	16QAM	36	20	22.48	22.74	22.40		
15	16QAM	36	39	22.49	22.71	22.41		
15	16QAM	75	0	22.38	22.55	22.52		
15	64QAM	1	0	21.76	21.79	21.87	23.5	1
15	64QAM	1	37	21.53	21.57	21.80		
15	64QAM	1	74	21.54	21.56	21.55		
15	64QAM	36	0	21.89	21.94	21.53	22.5	2
15	64QAM	36	20	21.60	21.57	21.53		
15	64QAM	36	39	21.61	21.65	21.58		
15	64QAM	75	0	21.35	21.73	21.73		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.75	22.74	22.86	24.5	0
10	QPSK	1	25	22.58	22.73	22.64		
10	QPSK	1	49	22.60	22.62	22.59		
10	QPSK	25	0	22.86	22.82	22.78	24.5	0
10	QPSK	25	12	22.77	22.62	22.60		
10	QPSK	25	25	22.56	22.65	22.58		
10	QPSK	50	0	22.58	22.57	22.56		
10	16QAM	1	0	22.57	22.74	22.55	24.5	0
10	16QAM	1	25	22.63	22.63	22.62		
10	16QAM	1	49	22.60	22.58	22.50		
10	16QAM	25	0	22.59	22.63	22.55	23.5	1
10	16QAM	25	12	22.50	22.59	22.58		
10	16QAM	25	25	22.66	22.72	22.37		
10	16QAM	50	0	22.31	22.65	22.38		
10	64QAM	1	0	21.74	21.80	21.78	23.5	1
10	64QAM	1	25	21.61	21.64	21.86		
10	64QAM	1	49	21.53	21.54	21.58		
10	64QAM	25	0	21.75	21.96	21.62	22.5	2
10	64QAM	25	12	21.53	21.74	21.73		
10	64QAM	25	25	21.67	21.73	21.51		
10	64QAM	50	0	21.51	21.81	21.59		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.57	22.88	22.77	24.5	0
5	QPSK	1	12	22.71	22.89	22.67		
5	QPSK	1	24	22.60	22.50	22.60		
5	QPSK	12	0	22.66	22.81	22.78	24.5	0
5	QPSK	12	7	22.52	22.57	22.53		
5	QPSK	12	13	22.79	22.59	22.57		
5	QPSK	25	0	22.55	22.67	22.63		
5	16QAM	1	0	22.52	22.56	22.69	24.5	0
5	16QAM	1	12	22.55	22.62	22.74		
5	16QAM	1	24	22.57	22.60	22.58		
5	16QAM	12	0	22.79	22.62	22.52	23.5	1
5	16QAM	12	7	22.55	22.67	22.65		
5	16QAM	12	13	22.63	22.62	22.30		
5	16QAM	25	0	22.38	22.45	22.57		
5	64QAM	1	0	21.84	21.85	21.62	23.5	1
5	64QAM	1	12	21.59	21.69	21.90		
5	64QAM	1	24	21.52	21.52	21.53		
5	64QAM	12	0	21.82	21.76	21.64	22.5	2
5	64QAM	12	7	21.64	21.53	21.67		
5	64QAM	12	13	21.66	21.67	21.47		
5	64QAM	25	0	21.44	21.64	21.63		

Band 38 Ant4 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.76	19.93	19.75	21.5	0
20	QPSK	1	49	19.50	19.56	19.51		
20	QPSK	1	99	19.63	19.60	19.51		
20	QPSK	50	0	19.70	19.82	19.81	21.5	0
20	QPSK	50	24	19.53	19.61	19.57		
20	QPSK	50	50	19.72	19.66	19.50		
20	QPSK	100	0	19.51	19.69	19.60		
20	16QAM	1	0	19.56	19.50	19.50	21.5	0
20	16QAM	1	49	19.53	19.68	19.61		
20	16QAM	1	99	19.50	19.50	19.50		
20	16QAM	50	0	19.63	19.78	19.64	21.5	0
20	16QAM	50	24	19.58	19.66	19.54		
20	16QAM	50	50	19.55	19.62	19.51		
20	16QAM	100	0	19.80	19.83	19.71		
20	64QAM	1	0	19.50	19.50	19.50	21.5	0
20	64QAM	1	49	19.83	19.76	19.77		
20	64QAM	1	99	19.50	19.51	19.50		
20	64QAM	50	0	19.90	19.90	19.86	21.5	0
20	64QAM	50	24	19.87	19.84	19.70		
20	64QAM	50	50	19.50	19.64	19.69		
20	64QAM	100	0	19.58	19.73	19.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.78	19.67	19.60	21.5	0
15	QPSK	1	37	19.50	19.50	19.50		
15	QPSK	1	74	19.57	19.63	19.50		
15	QPSK	36	0	19.53	19.65	19.64	21.5	0
15	QPSK	36	20	19.50	19.65	19.56		
15	QPSK	36	39	19.78	19.50	19.50		
15	QPSK	75	0	19.51	19.57	19.64		
15	16QAM	1	0	19.50	19.50	19.50	21.5	0
15	16QAM	1	37	19.52	19.57	19.50		
15	16QAM	1	74	19.50	19.50	19.50		
15	16QAM	36	0	19.66	19.81	19.55	21.5	0
15	16QAM	36	20	19.54	19.53	19.50		
15	16QAM	36	39	19.53	19.57	19.50		
15	16QAM	75	0	19.79	19.77	19.60		
15	64QAM	1	0	19.50	19.50	19.50	21.5	0
15	64QAM	1	37	19.52	19.52	19.52		
15	64QAM	1	74	19.50	19.50	19.50		
15	64QAM	36	0	19.83	19.74	19.84	21.5	0
15	64QAM	36	20	19.83	19.83	19.61		
15	64QAM	36	39	19.50	19.56	19.60		
15	64QAM	75	0	19.50	19.60	19.56		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.59	19.62	19.71	21.5	0
10	QPSK	1	25	19.50	19.50	19.50		
10	QPSK	1	49	19.53	19.51	19.50		
10	QPSK	25	0	19.56	19.60	19.81	21.5	0
10	QPSK	25	12	19.50	19.50	19.60		
10	QPSK	25	25	19.68	19.52	19.57		
10	QPSK	50	0	19.50	19.59	19.53		
10	16QAM	1	0	19.54	19.50	19.50	21.5	0
10	16QAM	1	25	19.50	19.67	19.68		
10	16QAM	1	49	19.50	19.50	19.50		
10	16QAM	25	0	19.50	19.71	19.62	21.5	0
10	16QAM	25	12	19.59	19.54	19.50		
10	16QAM	25	25	19.50	19.52	19.50		
10	16QAM	50	0	19.76	19.83	19.55		
10	64QAM	1	0	19.50	19.50	19.50	21.5	0
10	64QAM	1	25	19.50	19.50	19.50		
10	64QAM	1	49	19.50	19.50	19.50		
10	64QAM	25	0	19.83	19.81	19.77	21.5	0
10	64QAM	25	12	19.82	19.89	19.74		
10	64QAM	25	25	19.51	19.70	19.60		
10	64QAM	50	0	19.50	19.65	19.60		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.59	19.60	19.55	21.5	0
5	QPSK	1	12	19.50	19.50	19.50		
5	QPSK	1	24	19.68	19.50	19.50		
5	QPSK	12	0	19.63	19.72	19.77	21.5	0
5	QPSK	12	7	19.50	19.62	19.50		
5	QPSK	12	13	19.78	19.53	19.50		
5	QPSK	25	0	19.50	19.66	19.54		
5	16QAM	1	0	19.50	19.50	19.50	21.5	0
5	16QAM	1	12	19.50	19.58	19.55		
5	16QAM	1	24	19.50	19.51	19.50		
5	16QAM	12	0	19.56	19.71	19.51	21.5	0
5	16QAM	12	7	19.62	19.62	19.50		
5	16QAM	12	13	19.50	19.54	19.50		
5	16QAM	25	0	19.80	19.70	19.65		
5	64QAM	1	0	19.50	19.50	19.50	21.5	0
5	64QAM	1	12	19.57	19.51	19.54		
5	64QAM	1	24	19.50	19.50	19.50		
5	64QAM	12	0	19.61	19.79	19.83	21.5	0
5	64QAM	12	7	19.71	19.78	19.66		
5	64QAM	12	13	19.64	19.69	19.58		
5	64QAM	25	0	19.54	19.62	19.61		

Band 41 Ant4 DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.97	23.00	23.43	23.16	23.32	24.5	0
20	QPSK	1	49	23.14	23.05	23.27	23.20	23.29		
20	QPSK	1	99	23.05	23.04	23.06	23.20	23.20		
20	QPSK	50	0	23.11	23.12	23.39	23.25	23.34	24.5	0
20	QPSK	50	24	23.14	23.12	23.16	23.21	23.32		
20	QPSK	50	50	23.12	23.11	23.16	23.21	23.35		
20	QPSK	100	0	23.12	23.14	23.35	23.19	23.32		
20	16QAM	1	0	23.15	23.20	23.23	23.36	23.38	24.5	0
20	16QAM	1	49	23.19	23.31	23.38	23.32	23.37		
20	16QAM	1	99	23.26	23.24	23.27	23.26	23.37		
20	16QAM	50	0	22.13	22.16	22.19	22.26	22.32	23.5	1
20	16QAM	50	24	22.13	22.11	22.16	22.18	22.29		
20	16QAM	50	50	22.10	22.09	22.14	22.21	22.33		
20	16QAM	100	0	22.17	22.22	22.27	22.27	22.41		
20	64QAM	1	0	21.98	22.01	22.15	22.17	22.22	23.5	1
20	64QAM	1	49	22.08	22.04	22.20	22.22	22.35		
20	64QAM	1	99	22.07	22.05	22.08	22.15	22.32		
20	64QAM	50	0	21.11	21.11	21.18	21.24	21.26	22.5	2
20	64QAM	50	24	21.10	21.08	21.18	21.25	21.28		
20	64QAM	50	50	21.11	21.06	21.14	21.15	21.29		
20	64QAM	100	0	21.17	21.11	21.13	21.24	21.31		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	23.25	23.25	23.21	23.40	23.30	24.50	0
15	QPSK	1	37	23.32	23.34	23.39	23.37	23.39		
15	QPSK	1	74	23.20	23.30	23.42	23.37	23.37		
15	QPSK	36	0	23.26	23.28	23.26	23.40	23.37	24.5	0
15	QPSK	36	20	23.26	23.30	23.34	23.33	23.40		
15	QPSK	36	39	23.24	23.28	23.34	23.38	23.34		
15	QPSK	75	0	23.31	23.32	23.33	23.40	23.40		
15	16QAM	1	0	23.25	23.24	23.19	23.34	23.22	24.5	0
15	16QAM	1	37	23.36	23.40	23.35	23.34	23.35		
15	16QAM	1	74	23.20	23.35	23.31	23.27	23.33		
15	16QAM	36	0	22.09	22.09	22.12	22.21	22.19	23.5	1
15	16QAM	36	20	22.11	22.10	22.14	22.23	22.25		
15	16QAM	36	39	22.07	22.11	22.19	22.15	22.19		
15	16QAM	75	0	22.14	22.16	22.19	22.22	22.25		
15	64QAM	1	0	22.21	22.23	22.21	22.38	22.31	23.5	1
15	64QAM	1	37	22.40	22.34	22.42	22.42	22.47		
15	64QAM	1	74	22.27	22.27	22.33	22.34	22.47		
15	64QAM	36	0	21.09	21.14	21.14	21.28	21.23	22.5	2
15	64QAM	36	20	21.10	21.13	21.19	21.32	21.22		
15	64QAM	36	39	21.12	21.14	21.20	21.25	21.22		
15	64QAM	75	0	21.14	21.14	21.15	21.29	21.26		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.93	22.87	22.93	23.07	23.08	24.50	0
10	QPSK	1	25	22.93	22.99	23.01	23.15	23.13		
10	QPSK	1	49	22.90	22.96	22.96	22.98	23.19		
10	QPSK	25	0	22.94	22.94	22.97	23.06	23.05	24.5	0
10	QPSK	25	12	22.96	22.98	22.97	23.07	23.07		
10	QPSK	25	25	22.85	22.93	22.93	23.00	23.05		
10	QPSK	50	0	22.91	22.93	22.98	23.03	23.07		
10	16QAM	1	0	22.90	22.92	22.91	23.04	22.96	24.5	0
10	16QAM	1	25	22.91	22.95	22.98	23.00	23.06		
10	16QAM	1	49	22.89	22.96	22.93	23.00	23.10		
10	16QAM	25	0	21.92	21.92	21.91	22.06	22.06	23.5	1
10	16QAM	25	12	21.94	21.94	21.97	22.06	22.08		
10	16QAM	25	25	21.88	21.90	21.91	22.01	22.04		
10	16QAM	50	0	21.84	21.87	21.94	21.97	22.06		
10	64QAM	1	0	21.82	21.79	21.87	22.06	21.98	23.5	1
10	64QAM	1	25	21.94	21.92	22.04	22.12	22.06		
10	64QAM	1	49	21.87	21.96	21.97	22.04	22.17		
10	64QAM	25	0	20.87	20.87	20.92	21.02	21.04	22.5	2
10	64QAM	25	12	20.81	20.87	20.89	20.99	20.97		
10	64QAM	25	25	20.84	20.86	20.83	21.01	21.01		
10	64QAM	50	0	20.79	20.83	20.88	20.92	20.97		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.75	22.74	22.69	22.86	22.83	24.50	0
5	QPSK	1	12	22.93	23.03	22.99	23.06	23.01		
5	QPSK	1	24	22.79	22.88	22.90	22.82	22.95		
5	QPSK	12	0	22.84	22.88	22.91	22.99	22.95	24.5	0
5	QPSK	12	7	22.92	22.95	22.97	23.05	23.00		
5	QPSK	12	13	22.88	22.93	22.92	23.01	22.94		
5	QPSK	25	0	22.83	22.91	22.88	22.97	22.91		
5	16QAM	1	0	22.71	22.75	22.74	22.85	22.76	24.5	0
5	16QAM	1	12	22.95	22.94	22.93	23.01	22.93		
5	16QAM	1	24	22.72	22.92	22.89	22.84	22.95		
5	16QAM	12	0	21.59	21.65	21.65	21.75	21.72	23.5	1
5	16QAM	12	7	21.69	21.73	21.71	21.82	21.78		
5	16QAM	12	13	21.63	21.73	21.70	21.77	21.72		
5	16QAM	25	0	21.59	21.68	21.65	21.74	21.70		
5	64QAM	1	0	21.73	21.68	21.71	21.79	21.76	23.5	1
5	64QAM	1	12	21.92	21.97	21.99	22.10	21.86		
5	64QAM	1	24	21.76	21.87	21.86	21.87	21.96		
5	64QAM	12	0	20.50	20.59	20.50	20.60	20.56	22.5	2
5	64QAM	12	7	20.58	20.53	20.56	20.67	20.56		
5	64QAM	12	13	20.54	20.51	20.50	20.62	20.57		
5	64QAM	25	0	20.54	20.62	20.63	20.75	20.61		

Band 41 Ant4 DSI4 For ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	19.57	19.55	19.94	19.70	19.56	21.5	0
20	QPSK	1	49	19.60	19.73	19.91	19.70	19.72		
20	QPSK	1	99	19.53	19.53	19.81	19.53	19.71		
20	QPSK	50	0	19.58	19.67	19.89	19.63	19.59	21.5	0
20	QPSK	50	24	19.79	19.73	19.84	19.67	19.59		
20	QPSK	50	50	19.78	19.58	19.88	19.75	19.74		
20	QPSK	100	0	19.72	19.72	19.88	19.62	19.75		
20	16QAM	1	0	19.71	19.59	19.88	19.60	19.60	21.5	0
20	16QAM	1	49	19.84	19.82	19.61	19.74	19.71		
20	16QAM	1	99	19.72	19.75	19.88	19.62	19.76		
20	16QAM	50	0	19.79	19.65	19.93	19.83	19.78	21.5	0
20	16QAM	50	24	19.69	19.75	19.91	19.66	19.81		
20	16QAM	50	50	19.72	19.76	19.93	19.70	19.72		
20	16QAM	100	0	19.76	19.88	19.85	19.69	19.70		
20	64QAM	1	0	19.64	19.71	19.87	19.57	19.75	21.5	0
20	64QAM	1	49	19.69	19.89	19.77	19.77	19.71		
20	64QAM	1	99	19.67	19.74	19.91	19.81	19.64		
20	64QAM	50	0	19.62	19.77	19.93	19.83	19.76	21.5	0
20	64QAM	50	24	19.83	19.65	19.86	19.85	19.75		
20	64QAM	50	50	19.69	19.85	19.82	19.71	19.74		
20	64QAM	100	0	19.85	19.71	19.75	19.80	19.72		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	19.77	19.58	19.85	19.71	19.55	21.50	0
15	QPSK	1	37	19.76	19.71	19.93	19.91	19.88		
15	QPSK	1	74	19.62	19.55	19.83	19.52	19.84		
15	QPSK	36	0	19.61	19.68	19.82	19.65	19.81	21.5	0
15	QPSK	36	20	19.88	19.85	19.84	19.71	19.68		
15	QPSK	36	39	19.73	19.76	19.80	19.62	19.74		
15	QPSK	75	0	19.79	19.87	19.56	19.69	19.74		
15	16QAM	1	0	19.77	19.77	19.86	19.68	19.63	21.5	0
15	16QAM	1	37	19.84	19.70	19.81	19.89	19.77		
15	16QAM	1	74	19.74	19.82	19.69	19.66	19.92		
15	16QAM	36	0	19.76	19.70	19.60	19.85	19.77	21.5	0
15	16QAM	36	20	19.74	19.77	19.92	19.79	19.78		
15	16QAM	36	39	19.71	19.79	19.80	19.72	19.84		
15	16QAM	75	0	19.70	19.70	19.84	19.82	19.85		
15	64QAM	1	0	19.75	19.85	19.89	19.72	19.88	21.5	0
15	64QAM	1	37	19.73	19.64	19.62	19.80	19.77		
15	64QAM	1	74	19.83	19.78	19.70	19.81	19.65		
15	64QAM	36	0	19.79	19.86	19.75	19.91	19.81	21.5	0
15	64QAM	36	20	19.69	19.66	19.87	19.67	19.87		
15	64QAM	36	39	19.84	19.93	19.92	19.92	19.82		
15	64QAM	75	0	19.70	19.89	19.81	19.81	19.91		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	19.62	19.81	19.78	19.65	19.68	21.50	0
10	QPSK	1	25	19.53	19.74	19.74	19.70	19.72		
10	QPSK	1	49	19.80	19.67	19.63	19.80	19.74		
10	QPSK	25	0	19.66	19.78	19.81	19.52	19.51	21.5	0
10	QPSK	25	12	19.73	19.71	19.83	19.52	19.73		
10	QPSK	25	25	19.68	19.58	19.69	19.83	19.54		
10	QPSK	50	0	19.72	19.75	19.78	19.56	19.82		
10	16QAM	1	0	19.65	19.56	19.85	19.54	19.81	21.5	0
10	16QAM	1	25	19.64	19.69	19.51	19.77	19.64		
10	16QAM	1	49	19.64	19.72	19.80	19.72	19.82		
10	16QAM	25	0	19.90	19.58	19.82	19.71	19.66	21.5	0
10	16QAM	25	12	19.81	19.63	19.71	19.66	19.65		
10	16QAM	25	25	19.66	19.67	19.80	19.51	19.56		
10	16QAM	50	0	19.78	19.72	19.57	19.61	19.64		
10	64QAM	1	0	19.66	19.55	19.59	19.62	19.59	21.5	0
10	64QAM	1	25	19.81	19.69	19.83	19.60	19.70		
10	64QAM	1	49	19.70	19.62	19.72	19.52	19.70		
10	64QAM	25	0	19.70	19.61	19.93	19.64	19.73	21.5	0
10	64QAM	25	12	19.67	19.69	19.75	19.79	19.75		
10	64QAM	25	25	19.55	19.64	19.70	19.84	19.70		
10	64QAM	50	0	19.76	19.80	19.68	19.50	19.69		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	19.59	19.74	19.61	19.58	19.74	21.50	0
5	QPSK	1	12	19.70	19.59	19.62	19.65	19.72		
5	QPSK	1	24	19.78	19.77	19.55	19.61	19.71		
5	QPSK	12	0	19.56	19.55	19.70	19.57	19.73	21.5	0
5	QPSK	12	7	19.73	19.67	19.78	19.55	19.58		
5	QPSK	12	13	19.84	19.66	19.68	19.78	19.52		
5	QPSK	25	0	19.67	19.56	19.82	19.81	19.87		
5	16QAM	1	0	19.52	19.68	19.83	19.67	19.62	21.5	0
5	16QAM	1	12	19.72	19.62	19.70	19.64	19.64		
5	16QAM	1	24	19.51	19.60	19.87	19.55	19.68		
5	16QAM	12	0	19.78	19.61	19.79	19.56	19.63	21.5	0
5	16QAM	12	7	19.58	19.72	19.69	19.71	19.81		
5	16QAM	12	13	19.60	19.68	19.78	19.58	19.72		
5	16QAM	25	0	19.71	19.72	19.53	19.51	19.54		
5	64QAM	1	0	19.53	19.69	19.64	19.54	19.70	21.5	0
5	64QAM	1	12	19.52	19.71	19.72	19.65	19.61		
5	64QAM	1	24	19.57	19.62	19.71	19.50	19.54		
5	64QAM	12	0	19.54	19.61	19.78	19.73	19.59	21.5	0
5	64QAM	12	7	19.65	19.56	19.78	19.80	19.69		
5	64QAM	12	13	19.59	19.77	19.72	19.64	19.70		
5	64QAM	25	0	19.75	19.78	19.64	19.61	19.65		

Uplink CA Power

Ant 0 Full Power DSI1

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	24.01	25.00
21100	21298	QPSK	1	0	1	99	1	0	24.06	25.00
21350	21152	QPSK	1	0	1	99	1	0	23.97	25.00
20850	21048	QPSK	1	49	50	0	1	0	22.86	24.00
21100	21298	QPSK	50	0	1	49	1	0	22.92	24.00
21350	21152	QPSK	50	0	1	49	1	0	22.74	24.00

Ant 0 Full Power DSI1&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	1	0	24.41	25.00
37901	38099	QPSK	1	0	1	99	1	0	24.50	25.00
38150	37952	QPSK	1	0	1	99	1	0	24.46	25.00
37850	38048	QPSK	1	49	50	0	1	0	23.48	24.00
37901	38099	QPSK	50	0	1	49	1	0	23.50	24.00
38150	37952	QPSK	50	0	1	49	1	0	21.17	24.00

Ant 2 Full Power DSI1&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	1	0	22.76	24.50
21100	21298	QPSK	1	0	1	99	1	0	22.80	24.50
21350	21152	QPSK	1	0	1	99	1	0	22.73	24.50
20850	21048	QPSK	1	49	50	0	1	0	22.03	23.50
21100	21298	QPSK	50	0	1	49	1	0	22.10	23.50
21350	21152	QPSK	50	0	1	49	1	0	22.03	23.50

Ant 2 Full Power DSI1&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	1	0	21.43	23.00
37901	38099	QPSK	1	0	1	99	1	0	21.69	23.00
38150	37952	QPSK	1	0	1	99	1	0	21.50	23.00
37850	38048	QPSK	1	49	50	0	1	0	20.53	22.00
37901	38099	QPSK	50	0	1	49	1	0	20.65	22.00
38150	37952	QPSK	50	0	1	49	1	0	20.58	22.00

Ant 4 Full Power DSI2

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	23.04	23.50
21100	21298	QPSK	1	0	1	99	1	0	23.11	23.50
21350	21152	QPSK	1	0	1	99	1	0	22.95	23.50
20850	21048	QPSK	1	49	50	0	1	0	22.01	22.50
21100	21298	QPSK	50	0	1	49	1	0	22.12	22.50
21350	21152	QPSK	50	0	1	49	1	0	22.04	22.50

Ant 4 Full Power DSI2

CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	23.94	25.50
37901	38099	QPSK	1	0	1	99	1	0	24.00	25.50
38150	37952	QPSK	1	0	1	99	1	0	23.89	25.50
37850	38048	QPSK	1	49	50	0	1	0	23.02	24.50
37901	38099	QPSK	50	0	1	49	1	0	23.11	24.50
38150	37952	QPSK	50	0	1	49	1	0	23.01	24.50

Ant 0 Down power DSI3

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	16.28	17.50
21100	21298	QPSK	1	0	1	99	1	0	16.47	17.50
21350	21152	QPSK	1	0	1	99	1	0	16.25	17.50
20850	21048	QPSK	1	49	50	0	1	0	16.26	17.50
21100	21298	QPSK	50	0	1	49	1	0	16.30	17.50
21350	21152	QPSK	50	0	1	49	1	0	16.08	17.50

Ant 0 Down power DSI3

CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	19.98	20.50
37901	38099	QPSK	1	0	1	99	1	0	20.03	20.50
38150	37952	QPSK	1	0	1	99	1	0	19.92	20.50
37850	38048	QPSK	1	49	50	0	1	0	19.70	20.50
37901	38099	QPSK	50	0	1	49	1	0	19.85	20.50
38150	37952	QPSK	50	0	1	49	1	0	19.80	20.50

Ant 0 Down power DSI2

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	20.74	22.00
21100	21298	QPSK	1	0	1	99	1	0	21.18	22.00
21350	21152	QPSK	1	0	1	99	1	0	20.93	22.00
20850	21048	QPSK	1	49	50	0	1	0	20.98	22.00
21100	21298	QPSK	50	0	1	49	1	0	21.12	22.00
21350	21152	QPSK	50	0	1	49	1	0	20.62	22.00

Ant 2 Down power DSI4

CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	17.32	19.00
37901	38099	QPSK	1	0	1	99	1	0	17.65	19.00
38150	37952	QPSK	1	0	1	99	1	0	17.34	19.00
37850	38048	QPSK	1	49	50	0	1	0	17.33	19.00
37901	38099	QPSK	50	0	1	49	1	0	17.62	19.00
38150	37952	QPSK	50	0	1	49	1	0	17.52	19.00

Ant 2 Down power DSI4&ENDC

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	17.95	19.50
21100	21298	QPSK	1	0	1	99	1	0	18.23	19.50
21350	21152	QPSK	1	0	1	99	1	0	18.14	19.50
20850	21048	QPSK	1	49	50	0	1	0	17.90	19.50
21100	21298	QPSK	50	0	1	49	1	0	18.05	19.50
21350	21152	QPSK	50	0	1	49	1	0	17.85	19.50

Ant 4 Down power DSI1&ENDC

CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	19.20	20.50
37901	38099	QPSK	1	0	1	99	1	0	19.26	20.50
38150	37952	QPSK	1	0	1	99	1	0	19.18	20.50
37850	38048	QPSK	1	49	50	0	1	0	19.21	20.50
37901	38099	QPSK	50	0	1	49	1	0	19.25	20.50
38150	37952	QPSK	50	0	1	49	1	0	19.18	20.50

Ant 4 Down power DSI1

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	16.58	17.50
21100	21298	QPSK	1	0	1	99	1	0	16.73	17.50
21350	21152	QPSK	1	0	1	99	1	0	16.75	17.50
20850	21048	QPSK	1	49	50	0	1	0	16.50	17.50
21100	21298	QPSK	50	0	1	49	1	0	16.63	17.50
21350	21152	QPSK	50	0	1	49	1	0	16.60	17.50

Ant 4 Down power DSI4

CA_38C										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	99	1	0	1	0	22.69	24.50
37901	38099	QPSK	1	0	1	99	1	0	22.74	24.50
38150	37952	QPSK	1	0	1	99	1	0	22.70	24.50
37850	38048	QPSK	1	49	50	0	1	0	22.67	24.50
37901	38099	QPSK	50	0	1	49	1	0	22.72	24.50
38150	37952	QPSK	50	0	1	49	1	0	22.63	24.50

Ant 4 Down power DSI4

CA_7c										
Combination 20MHz+20MHz (1RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	MPR Level	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	99	1	0	1	0	19.82	20.50
21100	21298	QPSK	1	0	1	99	1	0	20.17	20.50
21350	21152	QPSK	1	0	1	99	1	0	20.09	20.50
20850	21048	QPSK	1	49	50	0	1	0	19.93	20.50
21100	21298	QPSK	50	0	1	49	1	0	20.23	20.50
21350	21152	QPSK	50	0	1	49	1	0	19.92	20.50

Downlink CA Power

2CA DL

Configure	PCC									SCC					Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	DL Antenna Configuration	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0		Band 2	20M	1899.8	19098		23.23	23.17
	Band 2	4	20M	1880	18900	QPSK	1	0		Band 2	20M	1899.8	19098		24.73	24.58
CA_7C	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2674.8	3298	4x4MIMO	24.12	23.96
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2674.8	3298	4x4MIMO	22.83	22.78
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	20M	2674.8	3298	4x4MIMO	23.19	22.99
CA_38C	Band 38	0	20M	2595	37901	QPSK	1	0	4x4MIMO	Band 38	20M	2614.8	38099	4x4MIMO	24.55	24.43
	Band 38	2	20M	2595	37901	QPSK	1	0	4x4MIMO	Band 38	20M	2614.8	38099	4x4MIMO	21.77	21.68
	Band 38	4	20M	2595	37901	QPSK	1	0	4x4MIMO	Band 38	20M	2614.8	38099	4x4MIMO	24.02	23.96
CA_41C	Band 41	0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	24.60	24.48
	Band 41	2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	21.85	21.77
	Band 41	4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	20M	2612.8	40818	4x4MIMO	24.32	24.16
CA_2A-4A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		23.23	23.05
	Band 2	4	20M	1880	18900	QPSK	1	0		Band 4	20M	2132.5	2175		24.73	24.66
	Band 4	1	20M	1732.5	20175	QPSK	1	0		Band 2	20M	1960	900		24.34	24.21
	Band 4	2	20M	1732.5	20175	QPSK	1	0		Band 2	20M	1960	900		23.33	23.17
	Band 4	4	20M	1732.5	20175	QPSK	1	0		Band 2	20M	1960	900		22.95	22.81
CA_2A-5A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		23.23	23.12
	Band 2	4	20M	1880	18900	QPSK	1	0		Band 5	10M	881.5	2525		24.73	24.54
	Band 5	0	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		24.32	24.13
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 2	20M	1960	900		23.15	23.01
CA_2A-7A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	23.23	23.04
	Band 2	4	20M	1880	18900	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	24.73	24.55
	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		24.12	24.03
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		22.83	22.68
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		23.19	23.05
CA_2A-66A	Band 2	1	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	23.23	23.11
	Band 2	4	20M	1880	18900	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	24.73	24.56
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		24.52	24.31
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		23.58	23.46
	Band 66	4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900		22.94	22.87
CA_4A-5A	Band 4	1	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525		24.43	24.21
	Band 4	2	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525		23.33	23.16
	Band 4	4	20M	1732.5	20175	QPSK	1	0		Band 5	10M	881.5	2525		22.95	22.83
	Band 5	0	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175		24.32	24.27
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 4	20M	2132.5	2175		23.01	22.93
CA_4A-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	24.43	24.24
	Band 4	2	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	23.33	23.18
	Band 4	4	20M	1732.5	20175	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	22.95	22.82
	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175		24.12	24.04
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175		22.83	22.63
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 4	20M	2132.5	2175		23.19	23.03
CA_5A-7A	Band 5	0	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	24.32	24.26
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 7	20M	2655	3100	4x4MIMO	23.15	23.08
	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		24.12	23.99
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.83	22.71
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		23.19	23.06
CA_5A-66A	Band 5	0	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	24.32	24.20
	Band 5	4	10M	836.5	20525	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	23.15	22.99
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		24.52	24.33
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		23.58	23.44
	Band 66	4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.94	22.83
CA_7A-7A	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	24.12	24.33
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	22.83	22.68
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 7	5M	2687.5	3425	4x4MIMO	23.19	23.08
CA_7A-66A	Band 7	0	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	24.12	23.95
	Band 7	2	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	22.83	22.78
	Band 7	4	20M	2535	21100	QPSK	1	0	4x4MIMO	Band 66	20M	2155	66886	4x4MIMO	23.19	23.11
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	24.52	24.44
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	23.58	23.47
	Band 66	4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100	4x4MIMO	22.94	22.87
CA_12A-66A	Band 12	0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	24.32	24.18
	Band 12	4	10M	707.5	23095	QPSK	1	0		Band 66	20M	2155	66886	4x4MIMO	22.25	22.12
	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		24.52	24.36
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		23.58	23.38
	Band 66	4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.94	22.81
CA_66A-66A	Band 66	1	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	24.52	24.45
	Band 66	2	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	23.58	23.41
	Band 66	4	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 66	5M	2197.5	67311	4x4MIMO	22.94	22.84
CA_41A-41A	Band 41	0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	24.68	24.57
	Band 41	2	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	21.98	21.86
	Band 41	4	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 41	5M	2687.5	41565	4x4MIMO	24.32	24.18

Full Power level/Default Power level for 5G NR
For DFT-15

n5_Ant0 DSI1&2&3 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.29	23.38	23.05	25.0	0.0
20	PI/2 BPSK	1	53	23.55	23.76	23.43		
20	PI/2 BPSK	1	104	23.41	23.49	23.20		
20	PI/2 BPSK	50	0	23.02	23.34	23.03	24.5	0.5
20	PI/2 BPSK	50	28	23.63	23.80	23.53	25.0	0.0
20	PI/2 BPSK	50	56	23.10	23.27	22.92	24.5	0.5
20	PI/2 BPSK	100	0	23.18	23.30	22.93		
20	QPSK	1	1	23.80	23.84	23.66	25.0	0.0
20	QPSK	1	53	23.85	23.89	23.64		
20	QPSK	1	104	23.62	23.67	23.39		
20	QPSK	50	0	22.70	22.75	22.78	24.0	1.0
20	QPSK	50	28	23.58	23.77	23.40	25.0	0.0
20	QPSK	50	56	22.64	22.73	22.54	24.0	1.0
20	QPSK	100	0	22.55	22.73	22.35		
20	16QAM	1	1	22.02	22.18	22.09	24.0	1.0
20	64QAM	1	1	20.54	20.65	20.56	22.5	2.5
20	256QAM	1	1	19.32	19.38	19.26	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.68	23.61	23.51	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.69	23.78	23.61	25.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	23.59	23.61	23.72	25.0	0.0

n7_ DSI1&2 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.02	23.14	23.12	25.0	0.0
20	PI/2 BPSK	1	53	23.08	23.36	23.23		
20	PI/2 BPSK	1	104	23.05	23.09	23.06		
20	PI/2 BPSK	50	0	22.62	22.97	22.86	24.5	0.5
20	PI/2 BPSK	50	28	23.11	23.36	23.42	25.0	0.0
20	PI/2 BPSK	50	56	22.61	22.75	22.69	24.5	0.5
20	PI/2 BPSK	100	0	22.75	22.83	22.79		
20	QPSK	1	1	23.38	23.45	23.48	25.0	0.0
20	QPSK	1	53	23.36	23.63	23.54		
20	QPSK	1	104	23.16	23.28	23.30		
20	QPSK	50	0	22.50	22.57	22.50	24.0	1.0
20	QPSK	50	28	23.11	23.44	23.28	25.0	0.0
20	QPSK	50	56	22.17	22.36	22.25	24.0	1.0
20	QPSK	100	0	22.24	22.43	22.29		
20	16QAM	1	1	22.35	22.37	22.32	24.0	1.0
20	64QAM	1	1	20.52	20.62	20.61	22.5	2.5
20	256QAM	1	1	18.82	18.94	18.93	20.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.27	23.45	23.44	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	23.16	23.44	23.40	25.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	23.21	23.41	23.34	25.0	0.0

n38_Ant0 DSI1&2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.02	23.95	23.92	25.0	0.0
40	PI/2 BPSK	1	53	24.37	24.38	24.25		
40	PI/2 BPSK	1	104	23.98	23.92	23.90		
40	PI/2 BPSK	50	0	23.57	23.59	23.50	24.5	0.5
40	PI/2 BPSK	50	28	24.02	24.06	23.96	25.0	0.0
40	PI/2 BPSK	50	56	23.42	23.42	23.35	24.5	0.5
40	PI/2 BPSK	100	0	23.60	23.60	23.53		
40	QPSK	1	1	23.97	24.14	24.07	25.0	0.0
40	QPSK	1	53	24.32	24.55	24.18		
40	QPSK	1	104	23.61	23.59	23.50		
40	QPSK	50	0	23.11	23.00	22.99	24.0	1.0
40	QPSK	50	28	24.04	24.08	24.01	25.0	0.0
40	QPSK	50	56	22.98	22.95	22.80	24.0	1.0
40	QPSK	100	0	22.91	22.96	22.85		
40	16QAM	1	1	22.34	22.31	22.30	24.0	1.0
40	64QAM	1	1	21.59	21.59	21.45	22.5	2.5
40	256QAM	1	1	19.52	19.58	19.32	20.5	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	24.29	24.42	24.17	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	24.15	24.46	24.07	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	24.21	24.41	24.05	25.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	24.20	24.51	24.23	25.0	0.0

PC3 n41_Ant0 DSI1 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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	21.92	22.01	21.87	23.0	0.0
50	PI/2 BPSK	1	135	21.89	21.93	22.02		
50	PI/2 BPSK	1	268	21.81	21.90	21.54		
50	PI/2 BPSK	135	0	21.84	22.03	21.74	23.0	0.0
50	PI/2 BPSK	135	68	21.95	21.82	21.90	23.0	0.0
50	PI/2 BPSK	135	135	21.95	21.85	21.94	23.0	0.0
50	PI/2 BPSK	270	0	21.84	22.01	21.96		
50	QPSK	1	1	21.80	22.03	21.91	23.0	0.0
50	QPSK	1	135	21.75	22.19	21.59		
50	QPSK	1	268	21.76	21.80	21.82		
50	QPSK	135	0	21.88	21.87	21.61	23.0	0.0
50	QPSK	135	68	21.91	21.94	21.85	23.0	0.0
50	QPSK	135	135	21.74	21.87	21.90	23.0	0.0
50	QPSK	270	0	21.88	21.90	21.69		
50	16QAM	1	1	21.74	21.92	21.70	23.0	0.0
50	64QAM	1	1	21.77	21.79	21.67	23.0	0.0
50	256QAM	1	1	20.48	20.59	20.52	21.5	1.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	21.67	22.18	21.59	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	21.60	22.18	21.52	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	21.73	22.17	21.40	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	21.56	22.01	21.52	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	21.63	22.15	21.48	23.0	0.0

PC2 n41_Ant0 DSI1 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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	25.03	25.16	25.06	25.5	0.0
50	PI/2 BPSK	1	135	24.79	25.10	24.86		
50	PI/2 BPSK	1	268	24.99	25.19	24.92		
50	PI/2 BPSK	135	0	24.32	24.48	24.51	25.0	0.5
50	PI/2 BPSK	135	68	24.62	24.89	24.76	25.5	0.0
50	PI/2 BPSK	135	135	24.21	24.42	24.11	25.0	0.5
50	PI/2 BPSK	270	0	24.26	24.25	24.06		
50	QPSK	1	1	24.96	25.16	25.06	25.5	0.0
50	QPSK	1	135	24.77	25.25	24.86		
50	QPSK	1	268	25.03	25.07	24.93		
50	QPSK	135	0	24.01	23.91	23.77	25.5	0.0
50	QPSK	135	68	24.87	25.07	24.77	25.5	0.0
50	QPSK	135	135	23.95	24.10	23.86	25.5	0.0
50	QPSK	270	0	23.56	23.63	23.57		
50	16QAM	1	1	23.37	23.76	23.74	24.5	1.0
50	64QAM	1	1	22.29	22.40	22.56	23.0	2.5
50	256QAM	1	1	20.51	20.43	20.44	21.0	4.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	24.54	25.15	24.75	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	24.66	25.20	24.79	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	24.70	25.03	24.66	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	24.54	25.12	24.78	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	24.60	25.17	24.83	25.5	0.0

n66_Ant1 DSI1&2 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.82	24.07	23.89	25.5	0.0
40	PI/2 BPSK	1	108	24.09	24.35	24.15		
40	PI/2 BPSK	1	214	23.79	24.07	23.92		
40	PI/2 BPSK	108	0	23.26	23.53	23.53	25.0	0.5
40	PI/2 BPSK	108	54	24.20	24.33	24.23	25.5	0.0
40	PI/2 BPSK	108	108	23.25	23.48	23.32	25.0	0.5
40	PI/2 BPSK	216	0	23.21	23.43	23.40		
40	QPSK	1	1	23.93	23.85	23.80	25.5	0.0
40	QPSK	1	108	24.16	24.37	24.19		
40	QPSK	1	214	23.93	24.13	24.02		
40	QPSK	108	0	23.09	23.10	23.00	24.5	1.0
40	QPSK	108	54	23.96	24.18	24.12	25.5	0.0
40	QPSK	108	108	23.05	23.06	22.89	24.5	1.0
40	QPSK	216	0	23.17	23.19	23.14		
40	16QAM	1	1	22.91	23.17	22.99	24.5	1.0
40	64QAM	1	1	21.52	21.67	21.50	23.0	2.5
40	256QAM	1	1	19.66	19.87	19.78	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	24.05	24.18	24.02	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	24.12	24.21	24.06	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	24.14	24.27	24.13	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	24.14	24.17	24.00	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	24.07	24.32	24.12	25.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	24.12	24.35	24.16	25.5	0.0

PC3 n77_Ant1 DSI1&2 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	18.56	18.58	18.59	20.5	0.0
50	PI/2 BPSK	1	135	19.35	19.46	19.41		
50	PI/2 BPSK	1	268	18.63	18.50	18.64		
50	PI/2 BPSK	135	0	19.19	19.38	19.36	20.5	0.0
50	PI/2 BPSK	135	68	19.29	19.55	19.48	20.5	0.0
50	PI/2 BPSK	135	135	19.35	19.59	19.22	20.5	0.0
50	PI/2 BPSK	270	0	19.25	19.49	19.25		
50	QPSK	1	1	18.59	18.63	18.52	20.5	0.0
50	QPSK	1	135	19.50	19.68	19.58		
50	QPSK	1	268	18.60	18.64	18.56		
50	QPSK	135	0	19.44	19.51	19.51	20.5	0.0
50	QPSK	135	68	19.38	19.57	19.53	20.5	0.0
50	QPSK	135	135	19.37	19.40	19.25	20.5	0.0
50	QPSK	270	0	19.27	19.28	19.25		
50	16QAM	1	1	19.11	19.26	19.23	20.5	0.0
50	64QAM	1	1	19.10	19.34	19.15	20.5	0.0
50	256QAM	1	1	18.17	18.13	18.04	19.0	1.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.53	19.69	19.47	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	19.30	19.48	19.50	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	19.45	19.48	19.54	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	19.51	19.65	19.50	20.5	0.0

Par27Q PC3 n77_Ant1 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.57	18.52	18.64	20.5	0.0
50	PI/2 BPSK	1	135	19.36	19.11	19.39		
50	PI/2 BPSK	1	268	18.59	18.59	18.56		
50	PI/2 BPSK	135	0	19.45	19.31	19.20	20.5	0.0
50	PI/2 BPSK	135	68	19.10	19.28	19.33	20.5	0.0
50	PI/2 BPSK	135	135	19.28	19.11	19.31	20.5	0.0
50	PI/2 BPSK	270	0	19.29	19.06	19.28		
50	QPSK	1	1	18.61	18.56	18.61	20.5	0.0
50	QPSK	1	135	19.31	19.46	19.15		
50	QPSK	1	268	18.52	18.61	18.63		
50	QPSK	135	0	19.11	19.12	19.03	20.5	0.0
50	QPSK	135	68	19.11	19.26	19.22	20.5	0.0
50	QPSK	135	135	19.21	19.14	19.11	20.5	0.0
50	QPSK	270	0	18.68	18.99	18.86		
50	16QAM	1	1	19.23	19.02	19.12	20.5	0.0
50	64QAM	1	1	19.18	19.07	19.10	20.5	0.0
50	256QAM	1	1	18.01	18.15	18.15	19.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.10	19.08	18.97	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.99	19.26	18.81	20.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	19.09	19.14	18.93	20.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.10	19.24	18.91	20.5	0.0

PC2 n77_Ant1 DSI1&2 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	21.53	21.52	21.56	23.5	0.0
50	PI/2 BPSK	1	135	22.47	22.44	22.51		
50	PI/2 BPSK	1	268	21.56	21.69	21.59		
50	PI/2 BPSK	135	0	21.90	21.82	21.76	23.0	0.5
50	PI/2 BPSK	135	68	22.53	22.38	22.42	23.5	0.0
50	PI/2 BPSK	135	135	21.94	21.98	21.69	23.0	0.5
50	PI/2 BPSK	270	0	21.97	21.82	21.74		
50	QPSK	1	1	21.59	21.53	21.58	23.5	0.0
50	QPSK	1	135	22.38	22.56	22.38		
50	QPSK	1	268	21.57	21.51	21.51		
50	QPSK	135	0	21.06	21.24	21.28	22.5	1.0
50	QPSK	135	68	22.28	22.45	22.21	23.5	0.0
50	QPSK	135	135	21.35	21.35	21.42	22.5	1.0
50	QPSK	270	0	21.20	21.24	21.18		
50	16QAM	1	1	20.96	21.21	20.90	22.5	1.0
50	64QAM	1	1	19.83	20.01	19.91	21.0	2.5
50	256QAM	1	1	18.27	18.17	18.24	19.0	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.25	22.46	22.27	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.21	22.47	22.27	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.33	22.56	22.18	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.37	22.46	22.39	23.5	0.0

Par27Q PC2 n77_Ant1 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.61	21.58	21.68	23.5	0.0
50	PI/2 BPSK	1	135	22.30	22.29	22.38		
50	PI/2 BPSK	1	268	21.49	21.51	21.52		
50	PI/2 BPSK	135	0	21.66	21.67	21.72	23.0	0.5
50	PI/2 BPSK	135	68	22.26	22.28	22.27	23.5	0.0
50	PI/2 BPSK	135	135	21.87	21.89	21.95	23.0	0.5
50	PI/2 BPSK	270	0	21.71	21.75	21.77		
50	QPSK	1	1	21.52	21.54	21.62	23.5	0.0
50	QPSK	1	135	22.31	22.40	22.26		
50	QPSK	1	268	21.60	21.56	21.59		
50	QPSK	135	0	21.24	21.28	21.27	22.5	1.0
50	QPSK	135	68	22.16	22.21	22.06	23.5	0.0
50	QPSK	135	135	21.21	21.18	21.24	22.5	1.0
50	QPSK	270	0	21.28	21.39	21.35		
50	16QAM	1	1	21.02	20.99	21.05	22.5	1.0
50	64QAM	1	1	19.95	19.90	19.87	21.0	2.5
50	256QAM	1	1	18.23	18.20	18.17	19.0	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.31	22.23	22.02	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.30	22.29	22.06	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.31	22.28	22.12	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.29	22.29	22.06	23.5	0.0

PC3 n78_Ant1 DSI1&2 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	18.54	18.59	18.58	20.5	0.0
50	PI/2 BPSK	1	135	19.32	19.43	19.38		
50	PI/2 BPSK	1	268	18.60	18.61	18.65		
50	PI/2 BPSK	135	0	19.17	19.35	19.35	20.5	0.0
50	PI/2 BPSK	135	68	19.29	19.54	19.44	20.5	0.0
50	PI/2 BPSK	135	135	19.34	19.59	19.21	20.5	0.0
50	PI/2 BPSK	270	0	19.21	19.49	19.22		
50	QPSK	1	1	18.56	18.59	18.52	20.5	0.0
50	QPSK	1	135	19.47	19.66	19.58		
50	QPSK	1	268	18.59	18.65	18.55		
50	QPSK	135	0	19.41	19.51	19.49	20.5	0.0
50	QPSK	135	68	19.34	19.54	19.52	20.5	0.0
50	QPSK	135	135	19.35	19.40	19.23	20.5	0.0
50	QPSK	270	0	19.27	19.28	19.23		
50	16QAM	1	1	19.10	19.22	19.22	20.5	0.0
50	64QAM	1	1	19.07	19.34	19.10	20.5	0.0
50	256QAM	1	1	18.16	18.12	18.04	19.0	1.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.73	19.72	19.74	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.68	19.66	19.70	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	19.70	19.73	19.68	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	19.67	19.69	19.64	20.5	0.0

Par27Q PC3 n78_Ant1 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.52	18.51	18.61	20.5	0.0
50	PI/2 BPSK	1	135	19.32	19.07	19.34		
50	PI/2 BPSK	1	268	18.56	18.58	18.53		
50	PI/2 BPSK	135	0	19.40	19.32	19.20	20.5	0.0
50	PI/2 BPSK	135	68	19.06	19.27	19.33	20.5	0.0
50	PI/2 BPSK	135	135	19.28	19.09	19.29	20.5	0.0
50	PI/2 BPSK	270	0	19.26	19.02	19.29		
50	QPSK	1	1	18.59	18.51	18.60	20.5	0.0
50	QPSK	1	135	19.29	19.43	19.10		
50	QPSK	1	268	18.50	18.61	18.60		
50	QPSK	135	0	19.07	19.08	19.02	20.5	0.0
50	QPSK	135	68	19.11	19.26	19.17	20.5	0.0
50	QPSK	135	135	19.17	19.13	19.06	20.5	0.0
50	QPSK	270	0	18.68	18.96	18.82		
50	16QAM	1	1	19.18	18.99	19.09	20.5	0.0
50	64QAM	1	1	19.19	19.06	19.08	20.5	0.0
50	256QAM	1	1	17.98	18.11	18.16	19.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.24	19.22	19.26	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.17	19.29	19.30	20.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	19.13	19.23	19.22	20.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.16	19.27	19.23	20.5	0.0

PC2 n78_Ant1 DSI1&2 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	21.53	21.54	21.52	23.5	0.0
50	PI/2 BPSK	1	135	22.44	22.53	22.48		
50	PI/2 BPSK	1	268	21.55	21.80	21.55		
50	PI/2 BPSK	135	0	21.91	21.98	21.76	23.0	0.5
50	PI/2 BPSK	135	68	22.53	22.54	22.42	23.5	0.0
50	PI/2 BPSK	135	135	21.94	21.98	21.68	23.0	0.5
50	PI/2 BPSK	270	0	21.93	21.99	21.72		
50	QPSK	1	1	21.57	21.56	21.54	23.5	0.0
50	QPSK	1	135	22.38	22.55	22.37		
50	QPSK	1	268	21.57	21.80	21.51		
50	QPSK	135	0	21.04	21.50	21.27	22.5	1.0
50	QPSK	135	68	22.27	22.51	22.21	23.5	0.0
50	QPSK	135	135	21.34	21.57	21.38	22.5	1.0
50	QPSK	270	0	21.17	21.60	21.18		
50	16QAM	1	1	20.92	21.41	20.89	22.5	1.0
50	64QAM	1	1	19.80	20.05	19.88	21.0	2.5
50	256QAM	1	1	18.25	18.20	18.20	19.0	4.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.38	22.26	22.27	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.32	22.33	22.16	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.35	22.27	22.27	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.40	22.35	22.17	23.5	0.0

Par27Q PC2 n78_Ant1 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.54	21.53	21.59	23.5	0.0
50	PI/2 BPSK	1	135	22.25	22.36	22.30		
50	PI/2 BPSK	1	268	21.53	21.55	21.56		
50	PI/2 BPSK	135	0	21.67	22.07	21.61	23.0	0.5
50	PI/2 BPSK	135	68	22.28	21.99	22.23	23.5	0.0
50	PI/2 BPSK	135	135	21.87	21.42	21.84	23.0	0.5
50	PI/2 BPSK	270	0	21.74	21.53	21.72		
50	QPSK	1	1	21.50	21.53	21.56	23.5	0.0
50	QPSK	1	135	22.37	22.39	22.30		
50	QPSK	1	268	21.53	21.80	21.55		
50	QPSK	135	0	21.24	21.28	21.21	22.5	1.0
50	QPSK	135	68	22.21	22.37	22.13	23.5	0.0
50	QPSK	135	135	21.16	21.53	21.19	22.5	1.0
50	QPSK	270	0	21.35	21.58	21.26		
50	16QAM	1	1	20.99	21.58	21.01	22.5	1.0
50	64QAM	1	1	19.86	19.41	19.92	21.0	2.5
50	256QAM	1	1	18.15	18.66	18.23	19.0	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.28	22.25	21.88	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.14	22.25	22.28	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.27	22.28	22.29	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.24	22.38	21.92	23.5	0.0

n7_Ant2 DSI1&2 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.95	22.97	23.01	24.5	0.0
20	PI/2 BPSK	1	53	22.94	23.06	22.97		
20	PI/2 BPSK	1	104	22.94	23.02	23.02		
20	PI/2 BPSK	50	0	22.53	22.67	22.44	24.0	0.5
20	PI/2 BPSK	50	28	23.03	22.99	23.00	24.5	0.0
20	PI/2 BPSK	50	56	22.43	22.65	22.35	24.0	0.5
20	PI/2 BPSK	100	0	22.46	22.67	22.70		
20	QPSK	1	1	22.86	23.20	22.90	24.5	0.0
20	QPSK	1	53	22.97	23.22	23.12		
20	QPSK	1	104	23.05	22.94	22.87		
20	QPSK	50	0	21.96	22.08	22.01	23.5	1.0
20	QPSK	50	28	22.92	23.11	22.95	24.5	0.0
20	QPSK	50	56	22.08	22.05	22.04	23.5	1.0
20	QPSK	100	0	21.87	21.89	21.84		
20	16QAM	1	1	21.93	22.03	22.02	23.5	1.0
20	64QAM	1	1	20.47	20.77	20.63	22.0	2.5
20	256QAM	1	1	18.71	18.84	18.82	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.85	23.15	23.01	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.89	23.09	22.99	24.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.86	23.09	23.01	24.5	0.0

n66_Ant2 DSI1&2&4 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.63	22.89	22.68	24.5	0.0
40	PI/2 BPSK	1	108	23.18	23.01	22.91		
40	PI/2 BPSK	1	214	22.65	22.88	22.86		
40	PI/2 BPSK	108	0	22.19	22.29	22.01	24.0	0.5
40	PI/2 BPSK	108	54	22.82	23.03	22.72	24.5	0.0
40	PI/2 BPSK	108	108	22.25	22.25	22.12	24.0	0.5
40	PI/2 BPSK	216	0	22.41	22.36	22.17		
40	QPSK	1	1	22.85	22.88	22.75	24.5	0.0
40	QPSK	1	108	23.06	23.21	23.08		
40	QPSK	1	214	22.72	22.80	22.63		
40	QPSK	108	0	21.74	21.93	21.97	23.5	1.0
40	QPSK	108	54	22.76	22.86	22.65	24.5	0.0
40	QPSK	108	108	21.80	21.74	21.86	23.5	1.0
40	QPSK	216	0	21.63	21.78	21.70		
40	16QAM	1	1	21.80	21.90	21.84	23.5	1.0
40	64QAM	1	1	20.53	20.29	20.16	22.0	2.5
40	256QAM	1	1	18.32	18.23	18.25	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	22.91	23.13	22.86	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	22.92	23.13	23.02	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.93	23.05	22.95	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.96	23.12	22.95	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.92	23.10	22.93	24.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.91	23.11	22.96	24.5	0.0

n38_Ant2 DSI1&2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.21	23.33	23.15	24.0	0.0
40	PI/2 BPSK	1	53	23.63	23.73	23.72		
40	PI/2 BPSK	1	104	23.29	23.30	23.39		
40	PI/2 BPSK	50	0	23.10	23.16	22.97	23.5	0.5
40	PI/2 BPSK	50	28	23.48	23.52	23.56	24.0	0.0
40	PI/2 BPSK	50	56	22.90	22.99	22.84	23.5	0.5
40	PI/2 BPSK	100	0	23.06	22.91	22.84		
40	QPSK	1	1	23.34	23.40	23.41	24.0	0.0
40	QPSK	1	53	23.75	23.86	23.82		
40	QPSK	1	104	23.26	23.30	23.18		
40	QPSK	50	0	22.49	22.33	22.43	23.0	1.0
40	QPSK	50	28	23.23	23.31	23.23	24.0	0.0
40	QPSK	50	56	22.44	22.53	22.45	23.0	1.0
40	QPSK	100	0	22.25	22.30	22.27		
40	16QAM	1	1	22.34	22.46	22.17	23.0	1.0
40	64QAM	1	1	20.92	20.95	20.93	21.5	2.5
40	256QAM	1	1	19.08	19.14	18.87	19.5	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	23.60	23.85	23.67	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	23.58	23.66	23.64	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	23.65	23.72	23.70	24.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	23.61	23.63	23.70	24.0	0.0

PC2 n41_Ant2 DSI1&2 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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.10	23.12	23.29	25.0	0.0
50	PI/2 BPSK	1	135	23.55	23.48	23.63		
50	PI/2 BPSK	1	268	23.52	23.45	23.32		
50	PI/2 BPSK	135	0	23.49	23.57	23.67	24.5	0.5
50	PI/2 BPSK	135	68	23.66	23.57	23.60	25.0	0.0
50	PI/2 BPSK	135	135	23.85	23.80	23.82	24.5	0.5
50	PI/2 BPSK	270	0	23.56	23.59	23.71		
50	QPSK	1	1	23.45	23.51	23.42	25.0	0.0
50	QPSK	1	135	23.96	24.11	23.75		
50	QPSK	1	268	23.60	23.55	23.60		
50	QPSK	135	0	23.76	23.77	23.76	25.0	0.0
50	QPSK	135	68	23.74	23.88	23.74	25.0	0.0
50	QPSK	135	135	23.68	23.71	23.84	25.0	0.0
50	QPSK	270	0	23.56	23.72	23.58		
50	16QAM	1	1	23.28	23.23	23.16	24.0	1.0
50	64QAM	1	1	22.33	22.16	22.32	22.5	2.5
50	256QAM	1	1	20.25	20.16	20.21	20.5	4.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	23.86	23.99	23.64	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	23.96	23.93	23.67	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	23.85	23.94	23.58	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	23.90	24.01	23.65	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	23.84	23.89	23.63	25.0	0.0

PC3 n77_Ant3 DSI1&2 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	20.84	20.78	20.68	22.5	0.0
50	PI/2 BPSK	1	135	21.90	21.81	21.59		
50	PI/2 BPSK	1	268	20.56	20.81	20.78		
50	PI/2 BPSK	135	0	21.64	21.72	21.72	22.5	0.0
50	PI/2 BPSK	135	68	21.65	21.61	21.65	22.5	0.0
50	PI/2 BPSK	135	135	21.47	21.81	21.79	22.5	0.0
50	PI/2 BPSK	270	0	21.88	21.77	21.92		
50	QPSK	1	1	20.75	20.72	20.79	22.5	0.0
50	QPSK	1	135	21.79	21.99	21.84		
50	QPSK	1	268	20.81	20.78	20.67		
50	QPSK	135	0	21.68	21.84	21.51	22.5	0.0
50	QPSK	135	68	21.60	21.87	21.53	22.5	0.0
50	QPSK	135	135	21.70	21.79	21.67	22.5	0.0
50	QPSK	270	0	21.66	21.71	21.67		
50	16QAM	1	1	21.44	21.53	21.73	22.5	0.0
50	64QAM	1	1	21.69	21.62	21.55	22.5	0.0
50	256QAM	1	1	19.86	19.87	19.93	21.0	1.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.26	21.57	21.46	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.47	21.49	21.34	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.49	21.44	21.54	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.39	21.58	21.51	22.5	0.0

Par27Q PC3 n77_Ant3 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.84	20.86	20.73	22.5	0.0
50	PI/2 BPSK	1	135	21.92	21.89	21.61		
50	PI/2 BPSK	1	268	20.61	20.82	20.79		
50	PI/2 BPSK	135	0	21.71	21.77	21.75	22.5	0.0
50	PI/2 BPSK	135	68	21.71	21.69	21.71	22.5	0.0
50	PI/2 BPSK	135	135	21.56	21.88	21.83	22.5	0.0
50	PI/2 BPSK	270	0	21.94	21.79	22.02		
50	QPSK	1	1	20.82	20.73	20.81	22.5	0.0
50	QPSK	1	135	21.87	22.08	21.92		
50	QPSK	1	268	20.85	20.88	20.73		
50	QPSK	135	0	21.74	21.90	21.60	22.5	0.0
50	QPSK	135	68	21.67	21.88	21.54	22.5	0.0
50	QPSK	135	135	21.78	21.79	21.74	22.5	0.0
50	QPSK	270	0	21.68	21.78	21.67		
50	16QAM	1	1	21.47	21.56	21.81	22.5	0.0
50	64QAM	1	1	21.73	21.68	21.59	22.5	0.0
50	256QAM	1	1	19.63	19.57	19.85	21.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.07	21.20	21.14	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.01	21.22	21.19	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.11	21.20	21.17	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.12	21.21	21.18	22.5	0.0

PC2 n77_Ant3 DSI1 For SA / DSI2 For SA&NSA 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	23.53	23.52	23.51	25.5	0.0
50	PI/2 BPSK	1	135	24.00	24.11	24.02		
50	PI/2 BPSK	1	268	23.50	23.51	23.55		
50	PI/2 BPSK	135	0	23.90	23.94	23.94	25.0	0.5
50	PI/2 BPSK	135	68	24.17	24.37	24.35	25.5	0.0
50	PI/2 BPSK	135	135	23.99	24.09	23.88	25.0	0.5
50	PI/2 BPSK	270	0	23.83	24.07	23.89		
50	QPSK	1	1	23.58	23.50	23.53	25.5	0.0
50	QPSK	1	135	24.33	24.45	24.31		
50	QPSK	1	268	23.51	23.59	23.55		
50	QPSK	135	0	23.55	23.45	23.38	24.5	1.0
50	QPSK	135	68	24.21	24.40	24.24	25.5	0.0
50	QPSK	135	135	23.25	23.47	23.28	24.5	1.0
50	QPSK	270	0	23.43	23.59	23.38		
50	16QAM	1	1	23.40	23.42	23.42	24.5	1.0
50	64QAM	1	1	22.03	21.81	21.75	23.0	2.5
50	256QAM	1	1	19.92	20.01	19.99	21.0	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.17	24.39	24.29	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.21	24.46	24.22	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.21	24.32	24.17	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.28	24.40	24.21	25.5	0.0

Par27Q PC2 n77_Ant3 DSI1 For SA / DSI2 For SA&NSA 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.57	23.66	23.54	25.5	0.0
50	PI/2 BPSK	1	135	23.81	23.92	23.87		
50	PI/2 BPSK	1	268	23.50	23.58	23.53		
50	PI/2 BPSK	135	0	23.82	23.95	23.90	25.0	0.5
50	PI/2 BPSK	135	68	24.34	24.43	24.33	25.5	0.0
50	PI/2 BPSK	135	135	23.85	23.99	23.88	25.0	0.5
50	PI/2 BPSK	270	0	23.76	23.87	23.76		
50	QPSK	1	1	23.56	23.70	23.61	25.5	0.0
50	QPSK	1	135	24.47	24.54	24.47		
50	QPSK	1	268	23.51	23.60	23.58		
50	QPSK	135	0	23.31	23.42	23.29	24.5	1.0
50	QPSK	135	68	24.12	24.27	24.19	25.5	0.0
50	QPSK	135	135	23.08	23.19	23.13	24.5	1.0
50	QPSK	270	0	23.39	23.53	23.45		
50	16QAM	1	1	23.17	23.31	23.19	24.5	1.0
50	64QAM	1	1	21.68	21.76	21.63	23.0	2.5
50	256QAM	1	1	19.82	19.95	19.88	21.0	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.24	24.37	24.18	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.32	24.37	24.29	25.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	24.33	24.33	24.20	25.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	24.29	24.31	24.30	25.5	0.0

PC3 n78_Ant3 DSI1&2 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	20.53	20.66	20.58	22.5	0.0
50	PI/2 BPSK	1	135	21.59	21.69	21.60		
50	PI/2 BPSK	1	268	20.84	20.94	20.88		
50	PI/2 BPSK	135	0	21.58	21.64	21.55	22.5	0.0
50	PI/2 BPSK	135	68	21.69	21.80	21.72	22.5	0.0
50	PI/2 BPSK	135	135	21.64	21.73	21.64	22.5	0.0
50	PI/2 BPSK	270	0	21.53	21.66	21.54		
50	QPSK	1	1	20.54	20.66	20.54	22.5	0.0
50	QPSK	1	135	21.81	21.91	21.85		
50	QPSK	1	268	20.71	20.84	20.77		
50	QPSK	135	0	21.41	21.48	21.46	22.5	0.0
50	QPSK	135	68	21.49	21.55	21.51	22.5	0.0
50	QPSK	135	135	21.37	21.49	21.37	22.5	0.0
50	QPSK	270	0	21.43	21.51	21.44		
50	16QAM	1	1	21.55	21.68	21.58	22.5	0.0
50	64QAM	1	1	21.51	21.59	21.55	22.5	0.0
50	256QAM	1	1	19.83	19.92	19.82	21.0	1.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.50	21.63	21.47	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.48	21.47	21.60	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.51	21.64	21.61	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.39	21.63	21.56	22.5	0.0

Par27Q PC3 n78_Ant3 DSI1&2 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.86	20.90	20.71	22.5	0.0
50	PI/2 BPSK	1	135	21.91	21.87	21.59		
50	PI/2 BPSK	1	268	20.64	20.85	20.83		
50	PI/2 BPSK	135	0	21.71	21.75	21.78	22.5	0.0
50	PI/2 BPSK	135	68	21.75	21.70	21.71	22.5	0.0
50	PI/2 BPSK	135	135	21.53	21.86	21.81	22.5	0.0
50	PI/2 BPSK	270	0	21.91	21.78	22.04		
50	QPSK	1	1	20.85	20.78	20.88	22.5	0.0
50	QPSK	1	135	21.90	22.07	21.89		
50	QPSK	1	268	20.90	20.93	20.78		
50	QPSK	135	0	21.74	21.90	21.60	22.5	0.0
50	QPSK	135	68	21.69	21.86	21.61	22.5	0.0
50	QPSK	135	135	21.84	21.86	21.72	22.5	0.0
50	QPSK	270	0	21.74	21.83	21.71		
50	16QAM	1	1	21.51	21.55	21.83	22.5	0.0
50	64QAM	1	1	21.76	21.67	21.58	22.5	0.0
50	256QAM	1	1	19.66	19.60	19.89	21.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.52	21.50	21.46	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.40	21.53	21.52	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.43	21.57	21.29	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.42	21.62	21.36	22.5	0.0

PC2 n78_Ant3 DSI1 For SA / DSI2 For SA&NSA 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	23.58	23.58	23.56	25.5	0.0
50	PI/2 BPSK	1	135	23.97	24.12	24.08		
50	PI/2 BPSK	1	268	23.55	23.51	23.60		
50	PI/2 BPSK	135	0	23.95	24.01	23.97	25.0	0.5
50	PI/2 BPSK	135	68	24.16	24.38	24.38	25.5	0.0
50	PI/2 BPSK	135	135	24.03	24.06	23.89	25.0	0.5
50	PI/2 BPSK	270	0	23.89	24.09	23.88		
50	QPSK	1	1	23.60	23.52	23.50	25.5	0.0
50	QPSK	1	135	24.36	24.42	24.36		
50	QPSK	1	268	23.53	23.58	23.56		
50	QPSK	135	0	23.55	23.48	23.37	24.5	1.0
50	QPSK	135	68	24.23	24.41	24.23	25.5	0.0
50	QPSK	135	135	23.25	23.46	23.25	24.5	1.0
50	QPSK	270	0	23.45	23.65	23.37		
50	16QAM	1	1	23.44	23.42	23.47	24.5	1.0
50	64QAM	1	1	22.10	21.80	21.82	23.0	2.5
50	256QAM	1	1	19.90	20.03	19.98	21.0	4.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.38	24.40	24.40	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.20	24.40	24.20	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	24.30	24.41	24.39	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	24.23	24.41	24.19	25.5	0.0

Par27Q PC2 n78_Ant3 DSI1 For SA&DSI2 For SA&ENDC 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.63	23.71	23.58	25.5	0.0
50	PI/2 BPSK	1	135	23.79	23.97	23.85		
50	PI/2 BPSK	1	268	23.54	23.63	23.52		
50	PI/2 BPSK	135	0	23.87	24.00	23.97	25.0	0.5
50	PI/2 BPSK	135	68	24.35	24.46	24.37	25.5	0.0
50	PI/2 BPSK	135	135	23.84	24.01	23.93	25.0	0.5
50	PI/2 BPSK	270	0	23.82	23.91	23.83		
50	QPSK	1	1	23.57	23.70	23.62	25.5	0.0
50	QPSK	1	135	24.51	24.52	24.47		
50	QPSK	1	268	23.48	23.65	23.56		
50	QPSK	135	0	23.35	23.43	23.29	24.5	1.0
50	QPSK	135	68	24.15	24.27	24.21	25.5	0.0
50	QPSK	135	135	23.10	23.17	23.13	24.5	1.0
50	QPSK	270	0	23.37	23.52	23.50		
50	16QAM	1	1	23.22	23.35	23.25	24.5	1.0
50	64QAM	1	1	21.74	21.74	21.60	23.0	2.5
50	256QAM	1	1	19.86	19.94	19.88	21.0	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.36	24.34	24.42	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.21	24.39	24.19	25.5	0.0
Channel				630500	633334	636168	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	24.33	24.29	24.26	25.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	24.19	24.25	24.43	25.5	0.0

n5_Ant4 DSI1&2&4 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				166600	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.77	22.75	22.57	24.0	0.0
20	PI/2 BPSK	1	53	22.71	22.72	22.79		
20	PI/2 BPSK	1	104	22.52	22.74	22.57		
20	PI/2 BPSK	50	0	22.30	22.20	22.33	23.5	0.5
20	PI/2 BPSK	50	28	22.80	22.65	22.62	24.0	0.0
20	PI/2 BPSK	50	56	22.23	22.17	22.28	23.5	0.5
20	PI/2 BPSK	100	0	22.27	22.16	22.36		
20	QPSK	1	1	22.75	22.79	22.85	24.0	0.0
20	QPSK	1	53	22.70	22.87	22.82		
20	QPSK	1	104	22.63	22.64	22.67		
20	QPSK	50	0	21.51	21.82	21.91	23.0	1.0
20	QPSK	50	28	22.66	22.78	22.74	24.0	0.0
20	QPSK	50	56	21.68	21.69	21.69	23.0	1.0
20	QPSK	100	0	21.72	21.79	21.74		
20	16QAM	1	1	21.59	21.63	21.70	23.0	1.0
20	64QAM	1	1	20.35	20.31	20.23	21.5	2.5
20	256QAM	1	1	18.21	18.37	18.23	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	22.57	22.85	22.77	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	22.62	22.67	22.63	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	22.58	22.63	22.55	24.0	0.0

n7_Ant4 DSI2 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.77	22.63	22.53	24.0	0.0
20	PI/2 BPSK	1	53	22.71	22.82	22.78		
20	PI/2 BPSK	1	104	22.71	22.76	22.57		
20	PI/2 BPSK	50	0	22.27	22.36	22.33	23.5	0.5
20	PI/2 BPSK	50	28	22.67	22.65	22.73	24.0	0.0
20	PI/2 BPSK	50	56	22.27	22.15	22.19	23.5	0.5
20	PI/2 BPSK	100	0	22.18	22.35	22.11		
20	QPSK	1	1	22.70	22.86	22.58	24.0	0.0
20	QPSK	1	53	22.58	22.87	22.81		
20	QPSK	1	104	22.63	22.63	22.68		
20	QPSK	50	0	21.64	21.63	21.84	23.0	1.0
20	QPSK	50	28	22.63	22.68	22.61	24.0	0.0
20	QPSK	50	56	21.69	21.74	21.74	23.0	1.0
20	QPSK	100	0	21.56	21.74	21.66		
20	16QAM	1	1	21.71	21.76	21.79	23.0	1.0
20	64QAM	1	1	20.36	20.24	20.08	21.5	2.5
20	256QAM	1	1	18.14	18.28	18.05	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.50	22.70	22.77	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.52	22.77	22.80	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	22.43	22.64	22.58	24.0	0.0

n66_Ant4 DSI2&4 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.39	22.46	22.40	24.0	0.0
40	PI/2 BPSK	1	108	22.51	22.60	22.41		
40	PI/2 BPSK	1	214	22.36	22.49	22.50		
40	PI/2 BPSK	108	0	21.76	21.87	22.00	23.5	0.5
40	PI/2 BPSK	108	54	22.40	22.35	22.37	24.0	0.0
40	PI/2 BPSK	108	108	21.66	21.98	21.72	23.5	0.5
40	PI/2 BPSK	216	0	21.89	21.90	21.88		
40	QPSK	1	1	22.38	22.58	22.34	24.0	0.0
40	QPSK	1	108	22.26	22.62	22.42		
40	QPSK	1	214	22.25	22.42	22.39		
40	QPSK	108	0	21.48	21.50	21.49	23.0	1.0
40	QPSK	108	54	22.35	22.48	22.35	24.0	0.0
40	QPSK	108	108	21.31	21.39	21.24	23.0	1.0
40	QPSK	216	0	21.24	21.39	21.28		
40	16QAM	1	1	21.22	21.39	21.50	23.0	1.0
40	64QAM	1	1	19.85	19.98	19.91	21.5	2.5
40	256QAM	1	1	17.95	17.92	17.84	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	22.10	22.56	22.40	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	22.14	22.61	22.38	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.13	22.49	22.38	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.19	22.46	22.27	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.22	22.48	22.26	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.25	22.43	22.16	24.0	0.0

n38_Ant4 DSI2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.64	23.52	23.59	25.5	0.0
40	PI/2 BPSK	1	53	23.97	23.96	24.04		
40	PI/2 BPSK	1	104	23.51	23.57	23.51		
40	PI/2 BPSK	50	0	23.18	23.12	23.14	25.0	0.5
40	PI/2 BPSK	50	28	23.58	23.55	23.55	25.5	0.0
40	PI/2 BPSK	50	56	23.28	23.08	23.17	25.0	0.5
40	PI/2 BPSK	100	0	23.02	23.18	23.10		
40	QPSK	1	1	23.53	23.69	23.54	25.5	0.0
40	QPSK	1	53	23.94	24.12	23.87		
40	QPSK	1	104	23.61	23.53	23.54		
40	QPSK	50	0	22.51	22.61	22.52	24.5	1.0
40	QPSK	50	28	23.61	23.64	23.55	25.5	0.0
40	QPSK	50	56	22.51	22.55	22.67	24.5	1.0
40	QPSK	100	0	22.53	22.55	22.51		
40	16QAM	1	1	22.76	22.73	22.77	24.5	1.0
40	64QAM	1	1	21.05	21.19	21.31	23.0	2.5
40	256QAM	1	1	19.01	19.14	19.06	21.0	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	23.88	23.96	23.76	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	23.93	24.00	23.77	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	23.75	24.01	23.70	25.5	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	23.73	24.05	23.65	25.5	0.0

PC3 n41_Ant4 DSI2 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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	22.64	22.70	22.84	24.0	0.0
50	PI/2 BPSK	1	135	22.74	22.83	22.76		
50	PI/2 BPSK	1	268	22.74	22.75	22.87		
50	PI/2 BPSK	135	0	22.76	22.78	22.90	23.5	0.5
50	PI/2 BPSK	135	68	23.13	23.02	23.00	24.0	0.0
50	PI/2 BPSK	135	135	22.94	22.94	23.04	23.5	0.5
50	PI/2 BPSK	270	0	22.76	22.99	22.85		
50	QPSK	1	1	22.81	22.94	23.08	24.0	0.0
50	QPSK	1	135	23.27	23.43	23.27		
50	QPSK	1	268	22.22	22.20	22.17		
50	QPSK	135	0	22.81	22.92	22.87	24.0	0.0
50	QPSK	135	68	22.69	22.95	22.91	24.0	0.0
50	QPSK	135	135	22.90	22.71	22.59	24.0	0.0
50	QPSK	270	0	22.78	22.95	22.78		
50	16QAM	1	1	22.07	22.03	22.05	23.0	1.0
50	64QAM	1	1	22.48	22.50	22.40	21.5	2.5
50	256QAM	1	1	21.53	21.59	21.48	19.5	4.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	23.17	23.32	23.12	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	23.11	23.38	23.25	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	23.11	23.43	23.20	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	23.05	23.23	23.21	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	23.13	23.23	23.24	24.0	0.0

PC2 n41_Ant4 DSI2 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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	23.58	23.51	23.59	25.5	0.0
50	PI/2 BPSK	1	135	23.66	23.67	23.90		
50	PI/2 BPSK	1	268	23.71	23.56	23.58		
50	PI/2 BPSK	135	0	23.65	23.57	23.85	25.5	0.0
50	PI/2 BPSK	135	68	23.73	23.67	24.10	25.5	0.0
50	PI/2 BPSK	135	135	23.95	23.90	23.81	25.5	0.0
50	PI/2 BPSK	270	0	23.78	23.73	23.85		
50	QPSK	1	1	23.57	23.53	23.59	25.5	0.0
50	QPSK	1	135	23.83	24.17	23.96		
50	QPSK	1	268	23.77	23.59	23.64		
50	QPSK	135	0	23.56	23.87	23.91	25.5	0.0
50	QPSK	135	68	23.91	24.07	24.01	25.5	0.0
50	QPSK	135	135	24.03	23.84	23.92	25.5	0.0
50	QPSK	270	0	23.77	23.86	23.67		
50	16QAM	1	1	23.50	23.74	23.57	25.5	0.0
50	64QAM	1	1	23.67	23.55	23.51	25.5	0.0
50	256QAM	1	1	23.53	23.60	23.62	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	23.68	24.14	23.79	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	23.84	24.16	23.78	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	23.83	24.16	23.92	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	23.66	24.04	23.80	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	23.72	24.02	23.91	25.5	0.0

PC3 n77_Ant5 DSI1&2&3 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	21.03	20.59	20.81	22.0	0.0
50	PI/2 BPSK	1	135	21.51	21.52	21.37		
50	PI/2 BPSK	1	268	21.08	20.68	20.81		
50	PI/2 BPSK	135	0	21.38	21.38	21.27	22.0	0.0
50	PI/2 BPSK	135	68	21.58	21.62	21.50	22.0	0.0
50	PI/2 BPSK	135	135	21.32	21.47	21.41	22.0	0.0
50	PI/2 BPSK	270	0	21.37	21.38	21.32		
50	QPSK	1	1	21.13	20.64	20.58	22.0	0.0
50	QPSK	1	135	21.34	21.63	21.44		
50	QPSK	1	268	20.56	20.57	20.53		
50	QPSK	135	0	21.55	21.51	21.42	22.0	0.0
50	QPSK	135	68	21.34	21.56	21.34	22.0	0.0
50	QPSK	135	135	21.47	21.46	21.40	22.0	0.0
50	QPSK	270	0	21.33	21.43	21.31		
50	16QAM	1	1	21.43	21.47	21.30	22.0	0.0
50	64QAM	1	1	21.21	21.38	21.30	22.0	0.0
50	256QAM	1	1	19.86	20.08	20.00	20.5	1.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.75	21.09	20.77	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.70	21.04	20.76	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.68	20.96	20.82	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.73	20.95	20.80	22.0	0.0

Par27Q PC3 n77_Ant5 DSI1&2&3 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				631668	633334	636000		
Frequency (MHz)				3478.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.31	20.11	20.16	22.0	0.0
50	PI/2 BPSK	1	135	21.01	20.99	20.87		
50	PI/2 BPSK	1	268	19.89	19.88	19.69		
50	PI/2 BPSK	135	0	20.88	20.88	20.77	22.0	0.0
50	PI/2 BPSK	135	68	21.08	21.12	21.00	22.0	0.0
50	PI/2 BPSK	135	135	20.82	20.97	20.91	22.0	0.0
50	PI/2 BPSK	270	0	20.87	20.88	20.82		
50	QPSK	1	1	19.74	19.87	19.73	22.0	0.0
50	QPSK	1	135	20.84	21.40	20.94		
50	QPSK	1	268	19.93	19.84	19.69		
50	QPSK	135	0	21.05	21.01	20.92	22.0	0.0
50	QPSK	135	68	20.84	21.06	20.84	22.0	0.0
50	QPSK	135	135	20.97	20.96	20.90	22.0	0.0
50	QPSK	270	0	20.83	20.93	20.81		
50	16QAM	1	1	20.93	20.97	20.80	22.0	0.0
50	64QAM	1	1	20.71	20.88	20.80	22.0	0.0
50	256QAM	1	1	19.76	19.42	19.67	20.5	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	20.72	20.74	20.71	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.84	20.73	20.66	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.72	20.78	20.67	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.69	20.84	20.76	22.0	0.0

PC2 n77_Ant5 DSI1&2&3 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	23.00	23.10	23.01	25.0	0.0
50	PI/2 BPSK	1	135	23.98	24.01	23.84		
50	PI/2 BPSK	1	268	23.11	23.07	23.13		
50	PI/2 BPSK	135	0	23.54	23.45	23.54	24.5	0.5
50	PI/2 BPSK	135	68	23.71	23.99	23.86	25.0	0.0
50	PI/2 BPSK	135	135	23.17	23.40	23.25	24.5	0.5
50	PI/2 BPSK	270	0	23.41	23.42	23.28		
50	QPSK	1	1	23.18	23.05	23.04	25.0	0.0
50	QPSK	1	135	23.79	24.33	23.86		
50	QPSK	1	268	23.00	23.16	23.13		
50	QPSK	135	0	22.87	23.01	23.04	24.0	1.0
50	QPSK	135	68	23.97	24.02	23.86	25.0	0.0
50	QPSK	135	135	22.98	23.00	22.81	24.0	1.0
50	QPSK	270	0	22.75	23.01	22.78		
50	16QAM	1	1	22.74	22.95	22.86	24.0	1.0
50	64QAM	1	1	21.19	21.31	21.34	22.5	2.5
50	256QAM	1	1	19.34	19.37	19.19	20.5	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.08	24.00	23.58	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	23.99	24.07	23.68	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.01	24.07	23.58	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	23.97	23.99	23.66	25.0	0.0

Par27Q PC2 n77_Ant5 DSI1&2&3 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.17	23.24	23.05	25.0	0.0
50	PI/2 BPSK	1	135	23.79	23.87	23.67		
50	PI/2 BPSK	1	268	23.14	23.20	23.00		
50	PI/2 BPSK	135	0	23.23	23.32	23.11	24.5	0.5
50	PI/2 BPSK	135	68	23.76	23.85	23.65	25.0	0.0
50	PI/2 BPSK	135	135	23.30	23.35	23.16	24.5	0.5
50	PI/2 BPSK	270	0	23.20	23.26	23.08		
50	QPSK	1	1	23.16	23.24	23.04	25.0	0.0
50	QPSK	1	135	23.86	23.92	23.73		
50	QPSK	1	268	23.15	23.24	23.01		
50	QPSK	135	0	22.69	22.77	22.56	24.0	1.0
50	QPSK	135	68	23.74	23.79	23.60	25.0	0.0
50	QPSK	135	135	22.77	22.85	22.63	24.0	1.0
50	QPSK	270	0	22.79	22.84	22.66		
50	16QAM	1	1	22.62	22.68	22.50	24.0	1.0
50	64QAM	1	1	21.27	21.34	21.15	22.5	2.5
50	256QAM	1	1	19.18	19.25	19.06	20.5	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	23.29	23.79	23.62	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	23.32	23.69	23.50	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	23.32	23.71	23.54	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	23.32	23.68	23.55	25.0	0.0

PC3 n78_Ant5 DSI1&2&3 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	20.50	20.16	20.28	22.0	0.0
50	PI/2 BPSK	1	135	21.16	21.09	20.97		
50	PI/2 BPSK	1	268	20.07	20.10	20.11		
50	PI/2 BPSK	135	0	21.01	20.96	20.85	22.0	0.0
50	PI/2 BPSK	135	68	21.26	21.29	21.15	22.0	0.0
50	PI/2 BPSK	135	135	20.96	21.12	21.04	22.0	0.0
50	PI/2 BPSK	270	0	21.00	20.95	20.98		
50	QPSK	1	1	20.03	20.05	20.16	22.0	0.0
50	QPSK	1	135	21.01	21.23	21.02		
50	QPSK	1	268	20.08	20.14	20.06		
50	QPSK	135	0	21.18	21.08	20.99	22.0	0.0
50	QPSK	135	68	20.91	21.20	20.99	22.0	0.0
50	QPSK	135	135	21.09	21.14	21.07	22.0	0.0
50	QPSK	270	0	20.94	20.98	20.96		
50	16QAM	1	1	21.06	21.10	20.86	22.0	0.0
50	64QAM	1	1	20.88	20.93	20.92	22.0	0.0
50	256QAM	1	1	19.94	19.51	19.81	20.5	1.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.84	20.92	20.85	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.91	20.89	20.92	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.89	20.96	20.85	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.87	20.86	20.96	22.0	0.0

Par27Q PC3 n78_Ant5 DSI1&2&3 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.79	20.38	20.49	22.0	0.0
50	PI/2 BPSK	1	135	21.34	21.30	21.16		
50	PI/2 BPSK	1	268	20.30	20.39	20.33		
50	PI/2 BPSK	135	0	21.17	21.22	21.09	22.0	0.0
50	PI/2 BPSK	135	68	21.16	21.31	21.24	22.0	0.0
50	PI/2 BPSK	135	135	21.13	21.39	21.20	22.0	0.0
50	PI/2 BPSK	270	0	21.29	21.20	21.23		
50	QPSK	1	1	20.19	20.27	20.43	22.0	0.0
50	QPSK	1	135	21.18	21.38	21.20		
50	QPSK	1	268	20.29	20.36	20.32		
50	QPSK	135	0	21.36	21.36	21.26	22.0	0.0
50	QPSK	135	68	21.14	21.37	21.20	22.0	0.0
50	QPSK	135	135	21.28	21.39	21.29	22.0	0.0
50	QPSK	270	0	21.15	21.24	21.13		
50	16QAM	1	1	21.32	21.27	21.14	22.0	0.0
50	64QAM	1	1	21.08	21.15	21.20	22.0	0.0
50	256QAM	1	1	19.96	19.59	19.86	20.5	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.01	20.94	20.99	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.94	20.92	20.97	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.02	20.97	20.96	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.02	21.03	20.87	22.0	0.0

PC2 n78_Ant5 DSI1&2&3 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				648334	650000	651666		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	23.00	23.18	23.15	25.0	0.0
50	PI/2 BPSK	1	135	23.96	24.20	24.11		
50	PI/2 BPSK	1	268	23.25	23.48	23.50		
50	PI/2 BPSK	135	0	23.39	23.64	23.63	24.5	0.5
50	PI/2 BPSK	135	68	23.99	24.28	24.26	25.0	0.0
50	PI/2 BPSK	135	135	23.43	23.62	23.63	24.5	0.5
50	PI/2 BPSK	270	0	23.48	23.68	23.76		
50	QPSK	1	1	23.24	23.49	23.47	25.0	0.0
50	QPSK	1	135	24.05	24.32	24.28		
50	QPSK	1	268	23.28	23.48	23.48		
50	QPSK	135	0	23.12	23.40	23.38	24.0	1.0
50	QPSK	135	68	23.93	24.18	24.10	25.0	0.0
50	QPSK	135	135	23.10	23.30	23.26	24.0	1.0
50	QPSK	270	0	23.12	23.37	23.31		
50	16QAM	1	1	23.06	23.30	23.33	24.0	1.0
50	64QAM	1	1	21.79	22.07	22.01	22.5	2.5
50	256QAM	1	1	19.66	19.90	19.91	20.5	4.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.97	23.76	23.73	25.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	23.83	23.87	23.71	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	23.90	23.82	23.71	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	23.82	23.74	23.70	25.0	0.0

Par27Q PC2 n78_Ant5 DSI1&2&3 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				631666	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	23.24	23.17	23.30	25.0	0.0
50	PI/2 BPSK	1	135	23.81	23.80	23.80		
50	PI/2 BPSK	1	268	23.10	23.09	23.17		
50	PI/2 BPSK	135	0	23.02	23.07	23.13	24.5	0.5
50	PI/2 BPSK	135	68	23.43	23.77	23.84	25.0	0.0
50	PI/2 BPSK	135	135	23.01	23.06	23.15	24.5	0.5
50	PI/2 BPSK	270	0	23.13	23.25	23.41		
50	QPSK	1	1	23.11	23.10	23.24	25.0	0.0
50	QPSK	1	135	23.76	23.85	23.80		
50	QPSK	1	268	23.21	23.14	23.24		
50	QPSK	135	0	22.91	22.88	23.04	24.0	1.0
50	QPSK	135	68	23.50	23.56	23.43	25.0	0.0
50	QPSK	135	135	22.65	22.86	23.02	24.0	1.0
50	QPSK	270	0	22.65	22.84	22.80		
50	16QAM	1	1	22.61	22.66	22.85	24.0	1.0
50	64QAM	1	1	21.32	21.36	21.45	22.5	2.5
50	256QAM	1	1	19.34	19.29	19.48	20.5	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	23.50	23.65	23.70	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	23.61	23.65	23.73	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	23.51	23.66	23.76	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	23.52	23.69	23.81	25.0	0.0

PC3 n77_Ant8 DSI1&2&4 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	18.16	18.28	18.19	20.0	0.0
50	PI/2 BPSK	1	135	19.32	19.41	19.32		
50	PI/2 BPSK	1	268	18.34	18.31	18.26		
50	PI/2 BPSK	135	0	19.40	19.23	19.30	20.0	0.0
50	PI/2 BPSK	135	68	19.18	19.39	19.49	20.0	0.0
50	PI/2 BPSK	135	135	19.38	19.48	19.39	20.0	0.0
50	PI/2 BPSK	270	0	19.22	19.36	19.42		
50	QPSK	1	1	18.15	18.39	18.14	20.0	0.0
50	QPSK	1	135	19.38	19.70	19.50		
50	QPSK	1	268	18.23	18.39	18.15		
50	QPSK	135	0	19.23	19.26	19.24	20.0	0.0
50	QPSK	135	68	19.35	19.45	19.27	20.0	0.0
50	QPSK	135	135	19.19	19.36	19.12	20.0	0.0
50	QPSK	270	0	19.42	19.47	19.26		
50	16QAM	1	1	19.21	19.42	19.49	20.0	0.0
50	64QAM	1	1	19.43	19.43	19.27	20.0	0.0
50	256QAM	1	1	17.86	18.06	18.01	18.5	1.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.85	18.97	18.76	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	18.87	19.02	18.95	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	19.00	18.80	18.89	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.82	18.94	18.74	20.0	0.0

Par27Q PC3 n77_Ant8 DSI1&2&4 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.13	18.30	18.26	20.0	0.0
50	PI/2 BPSK	1	135	19.31	19.39	19.31		
50	PI/2 BPSK	1	268	18.31	18.39	18.15		
50	PI/2 BPSK	135	0	19.48	19.32	19.22	20.0	0.0
50	PI/2 BPSK	135	68	19.04	19.47	19.40	20.0	0.0
50	PI/2 BPSK	135	135	19.45	19.42	19.28	20.0	0.0
50	PI/2 BPSK	270	0	19.30	19.25	19.41		
50	QPSK	1	1	18.23	18.24	18.07	20.0	0.0
50	QPSK	1	135	19.29	19.53	19.42		
50	QPSK	1	268	18.29	18.30	18.01		
50	QPSK	135	0	19.09	19.31	19.28	20.0	0.0
50	QPSK	135	68	19.24	19.36	19.16	20.0	0.0
50	QPSK	135	135	19.20	19.35	19.12	20.0	0.0
50	QPSK	270	0	19.28	19.50	19.31		
50	16QAM	1	1	19.19	19.34	19.50	20.0	0.0
50	64QAM	1	1	19.46	19.45	19.24	20.0	0.0
50	256QAM	1	1	17.64	17.56	17.76	18.5	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.78	18.84	18.91	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.85	19.04	18.92	20.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.80	19.00	18.90	20.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	18.79	18.90	18.92	20.0	0.0

PC2 n77_Ant8 DSI1&2&4 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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	21.14	21.17	21.14	23.0	0.0
50	PI/2 BPSK	1	135	21.94	21.98	21.96		
50	PI/2 BPSK	1	268	21.03	21.07	21.00		
50	PI/2 BPSK	135	0	21.45	21.49	21.40	22.5	0.5
50	PI/2 BPSK	135	68	21.76	21.98	21.74	23.0	0.0
50	PI/2 BPSK	135	135	21.53	21.46	21.40	22.5	0.5
50	PI/2 BPSK	270	0	21.21	21.46	21.20		
50	QPSK	1	1	21.15	21.12	21.23	23.0	0.0
50	QPSK	1	135	21.89	22.05	21.93		
50	QPSK	1	268	21.00	21.00	21.11		
50	QPSK	135	0	20.90	21.03	21.01	22.0	1.0
50	QPSK	135	68	21.65	22.00	21.85	23.0	0.0
50	QPSK	135	135	20.83	20.90	20.75	22.0	1.0
50	QPSK	270	0	20.98	21.11	20.93		
50	16QAM	1	1	20.93	21.08	20.84	22.0	1.0
50	64QAM	1	1	19.55	19.57	19.63	20.5	2.5
50	256QAM	1	1	17.50	17.70	17.73	18.5	4.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.83	21.88	21.90	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.91	21.93	21.96	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.77	21.85	21.92	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.00	21.89	21.92	23.0	0.0

Par27Q PC2 n77_Ant8 DSI1&2&4 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.00	21.09	21.11	23.0	0.0
50	PI/2 BPSK	1	135	21.84	21.89	21.71		
50	PI/2 BPSK	1	268	21.17	21.23	21.02		
50	PI/2 BPSK	135	0	21.31	21.37	21.20	22.5	0.5
50	PI/2 BPSK	135	68	21.66	21.73	21.52	23.0	0.0
50	PI/2 BPSK	135	135	21.42	21.50	21.27	22.5	0.5
50	PI/2 BPSK	270	0	21.47	21.52	21.35		
50	QPSK	1	1	21.08	21.17	21.23	23.0	0.0
50	QPSK	1	135	22.01	22.09	21.90		
50	QPSK	1	268	21.07	21.12	21.16		
50	QPSK	135	0	20.94	21.01	20.82	22.0	1.0
50	QPSK	135	68	21.95	22.02	21.80	23.0	0.0
50	QPSK	135	135	20.81	20.88	20.67	22.0	1.0
50	QPSK	270	0	21.02	21.10	20.91		
50	16QAM	1	1	20.88	20.96	20.76	22.0	1.0
50	64QAM	1	1	19.55	19.64	19.41	20.5	2.5
50	256QAM	1	1	17.58	17.65	17.44	18.5	4.5
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	53	21.96	22.09	21.78	23.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26	21.82	21.92	21.82	23.0	0.0
Channel				630500	633334	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	QPSK	1	19	21.99	22.07	21.76	23.0	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	QPSK	1	12	21.83	21.98	21.83	23.0	0.0

PC3 n78_Ant8 DSI1&2&4 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	18.36	18.49	18.38	20.0	0.0
50	PI/2 BPSK	1	135	19.53	19.59	19.51		
50	PI/2 BPSK	1	268	18.54	18.49	18.46		
50	PI/2 BPSK	135	0	19.58	19.42	19.48	20.0	0.0
50	PI/2 BPSK	135	68	19.39	19.59	19.59	20.0	0.0
50	PI/2 BPSK	135	135	19.57	19.38	19.57	20.0	0.0
50	PI/2 BPSK	270	0	19.40	19.58	19.61		
50	QPSK	1	1	18.34	18.61	18.32	20.0	0.0
50	QPSK	1	135	19.58	19.67	19.54		
50	QPSK	1	268	18.45	18.59	18.34		
50	QPSK	135	0	19.44	19.47	19.44	20.0	0.0
50	QPSK	135	68	19.53	19.64	19.47	20.0	0.0
50	QPSK	135	135	19.38	19.57	19.32	20.0	0.0
50	QPSK	270	0	19.63	19.66	19.45		
50	16QAM	1	1	19.40	19.62	19.34	20.0	0.0
50	64QAM	1	1	19.62	19.61	19.46	20.0	0.0
50	256QAM	1	1	18.05	18.27	18.22	18.5	1.5
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53	18.90	18.97	18.62	20.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26	18.82	18.94	18.78	20.0	0.0
Channel				647168	650000	652834	Tune-up limit	MPR
Frequency (MHz)				3707.52	3750	3792.51	(dBm)	(dB)
15	QPSK	1	19	18.72	19.02	18.82	20.0	0.0
Channel				647000	650000	653000	Tune-up limit	MPR
Frequency (MHz)				3705	3750	3795	(dBm)	(dB)
10	QPSK	1	12	18.81	18.96	18.66	20.0	0.0

Par27Q PC3 n78_Ant8 DSI1&2&4 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.01	18.18	18.04	20.0	0.0
50	PI/2 BPSK	1	135	19.20	19.26	19.18		
50	PI/2 BPSK	1	268	18.22	18.17	18.14		
50	PI/2 BPSK	135	0	19.24	19.09	19.15	20.0	0.0
50	PI/2 BPSK	135	68	19.08	19.25	19.25	20.0	0.0
50	PI/2 BPSK	135	135	19.25	19.03	19.23	20.0	0.0
50	PI/2 BPSK	270	0	19.06	19.25	19.29		
50	QPSK	1	1	18.05	18.29	18.06	20.0	0.0
50	QPSK	1	135	19.24	19.33	19.21		
50	QPSK	1	268	18.12	18.28	18.08		
50	QPSK	135	0	19.13	19.14	19.12	20.0	0.0
50	QPSK	135	68	19.19	19.30	19.16	20.0	0.0
50	QPSK	135	135	19.04	19.26	19.00	20.0	0.0
50	QPSK	270	0	19.32	19.34	19.13		
50	16QAM	1	1	19.07	19.29	19.00	20.0	0.0
50	64QAM	1	1	19.29	19.29	19.14	20.0	0.0
50	256QAM	1	1	17.71	17.96	17.89	18.5	1.5
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	53	18.74	19.15	18.95	20.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26	18.70	18.99	18.93	20.0	0.0
Channel				630500	633334	636166	Tune-up limit	MPR
Frequency (MHz)				3457.5	3500.01	3542.49	(dBm)	(dB)
15	QPSK	1	19	18.79	19.07	18.76	20.0	0.0
Channel				630334	633334	636332	Tune-up limit	MPR
Frequency (MHz)				3455.01	3500.01	3544.98	(dBm)	(dB)
10	QPSK	1	12	18.67	18.94	18.95	20.0	0.0

PC2 n78_Ant8 DSI1&2&4 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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	21.06	21.16	21.28	23.0	0.0
50	PI/2 BPSK	1	135	21.62	21.65	21.65		
50	PI/2 BPSK	1	268	21.04	21.16	21.28		
50	PI/2 BPSK	135	0	21.13	21.16	21.06	22.5	0.5
50	PI/2 BPSK	135	68	21.43	21.66	21.42	23.0	0.0
50	PI/2 BPSK	135	135	21.18	21.14	21.08	22.5	0.5
50	PI/2 BPSK	270	0	20.89	21.13	20.88		
50	QPSK	1	1	21.06	21.25	21.31	23.0	0.0
50	QPSK	1	135	21.54	21.73	21.61		
50	QPSK	1	268	21.15	21.30	21.15		
50	QPSK	135	0	20.56	20.68	20.68	22.0	1.0
50	QPSK	135	68	21.31	21.65	21.52	23.0	0.0
50	QPSK	135	135	20.50	20.55	20.42	22.0	1.0
50	QPSK	270	0	20.64	20.78	20.62		
50	16QAM	1	1	20.58	20.77	20.51	22.0	1.0
50	64QAM	1	1	19.22	19.26	19.30	20.5	2.5
50	256QAM	1	1	17.16	17.37	17.39	18.5	4.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.59	21.80	21.78	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.56	21.89	21.85	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.58	21.88	21.83	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.64	21.78	21.90	23.0	0.0

Par27Q PC2 n78_Ant8 DSI1&2&4 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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.16	21.12	21.29	23.0	0.0
50	PI/2 BPSK	1	135	21.49	21.54	21.37		
50	PI/2 BPSK	1	268	21.31	21.50	21.16		
50	PI/2 BPSK	135	0	21.00	21.06	20.86	22.5	0.5
50	PI/2 BPSK	135	68	21.32	21.40	21.19	23.0	0.0
50	PI/2 BPSK	135	135	21.09	21.16	20.95	22.5	0.5
50	PI/2 BPSK	270	0	21.14	21.20	21.01		
50	QPSK	1	1	21.16	21.15	21.11	23.0	0.0
50	QPSK	1	135	21.70	21.77	21.56		
50	QPSK	1	268	21.32	21.19	21.23		
50	QPSK	135	0	20.63	20.67	20.48	22.0	1.0
50	QPSK	135	68	21.61	21.70	21.47	23.0	0.0
50	QPSK	135	135	20.48	20.54	20.35	22.0	1.0
50	QPSK	270	0	20.69	20.77	20.58		
50	16QAM	1	1	20.54	20.62	20.44	22.0	1.0
50	64QAM	1	1	19.22	19.32	19.06	20.5	2.5
50	256QAM	1	1	17.23	17.31	17.11	18.5	4.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.63	21.81	21.80	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.71	21.71	21.61	23.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.71	21.74	21.64	23.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.83	21.85	21.80	23.0	0.0

For DFT-30

n5_Ant0 DSI1&2&3 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				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.36	23.55	23.25	25.0	0.0
20	PI/2 BPSK	1	26	23.62	23.81	23.51		
20	PI/2 BPSK	1	49	23.49	23.68	23.38		
20	PI/2 BPSK	25	0	23.16	23.36	23.06	24.5	0.5
20	PI/2 BPSK	25	13	23.67	23.88	23.58	25.0	0.0
20	PI/2 BPSK	25	26	23.15	23.35	23.05	24.5	0.5
20	PI/2 BPSK	50	0	23.18	23.37	23.06		
20	QPSK	1	1	23.88	23.98	23.79	25.0	0.0
20	QPSK	1	26	23.89	23.99	23.78		
20	QPSK	1	49	23.65	23.85	23.56		
20	QPSK	25	0	22.86	22.88	22.90	24.0	1.0
20	QPSK	25	13	23.68	23.89	23.59	25.0	0.0
20	QPSK	25	26	22.65	22.85	22.55	24.0	1.0
20	QPSK	50	0	22.63	22.82	22.53		
20	16QAM	1	1	22.13	22.34	22.04	24.0	1.0
20	64QAM	1	1	20.64	20.85	20.55	22.5	2.5
20	256QAM	1	1	19.38	19.49	19.26	20.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	40	23.65	23.90	23.68	25.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	23.78	23.84	23.61	25.0	0.0

n7_ DSI1 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.06	23.26	23.24	25.0	0.0
20	PI/2 BPSK	1	26	23.21	23.40	23.38		
20	PI/2 BPSK	1	49	23.02	23.20	23.18		
20	PI/2 BPSK	25	0	22.80	22.99	22.96	24.5	0.5
20	PI/2 BPSK	25	13	23.26	23.46	23.43	25.0	0.0
20	PI/2 BPSK	25	26	22.71	22.90	22.88	24.5	0.5
20	PI/2 BPSK	50	0	22.79	22.99	22.97		
20	QPSK	1	1	23.41	23.61	23.60	25.0	0.0
20	QPSK	1	26	23.49	23.68	23.65		
20	QPSK	1	49	23.25	23.44	23.42		
20	QPSK	25	0	22.57	22.59	22.60	24.0	1.0
20	QPSK	25	13	23.30	23.49	23.46	25.0	0.0
20	QPSK	25	26	22.18	22.39	22.37	24.0	1.0
20	QPSK	50	0	22.26	22.45	22.44		
20	16QAM	1	1	22.37	22.44	22.36	24.0	1.0
20	64QAM	1	1	20.56	20.55	20.53	22.5	2.5
20	256QAM	1	1	18.94	19.14	19.11	20.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	23.39	23.48	23.40	25.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	23.40	23.41	23.50	25.0	0.0

n38_Ant0 DSI1&2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	24.09	24.06	24.00	25.0	0.0
40	PI/2 BPSK	1	53	24.47	24.49	24.37		
40	PI/2 BPSK	1	104	24.02	24.04	24.02		
40	PI/2 BPSK	50	0	23.67	23.69	23.56	24.5	0.5
40	PI/2 BPSK	50	28	24.21	24.26	24.12	25.0	0.0
40	PI/2 BPSK	50	56	23.56	23.58	23.46	24.5	0.5
40	PI/2 BPSK	100	0	23.63	23.66	23.55		
40	QPSK	1	1	24.07	24.20	24.08	25.0	0.0
40	QPSK	1	53	24.47	24.55	24.37		
40	QPSK	1	104	23.75	23.76	23.63		
40	QPSK	50	0	23.13	23.16	23.03	24.0	1.0
40	QPSK	50	28	24.16	24.19	24.07	25.0	0.0
40	QPSK	50	56	23.00	23.02	22.91	24.0	1.0
40	QPSK	100	0	23.10	23.11	22.99		
40	16QAM	1	1	22.44	22.46	22.34	24.0	1.0
40	64QAM	1	1	21.73	21.66	21.63	22.5	2.5
40	256QAM	1	1	19.62	19.64	19.52	20.5	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	24.22	24.41	24.19	25.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	24.25	24.30	24.18	25.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	24.37	24.44	24.21	25.0	0.0

PC3 n41_Ant0 DSI1 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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.98	22.06	22.04	23.0	0.0
100	PI/2 BPSK	1	137	21.95	22.12	22.12		
100	PI/2 BPSK	1	271	21.91	21.92	21.76		
100	PI/2 BPSK	135	0	22.03	22.05	21.90	23.0	0.0
100	PI/2 BPSK	135	69	22.00	22.03	21.89	23.0	0.0
100	PI/2 BPSK	135	138	21.99	22.06	22.05	23.0	0.0
100	PI/2 BPSK	270	0	21.93	22.08	21.96		
100	QPSK	1	1	21.94	22.10	22.09	23.0	0.0
100	QPSK	1	137	21.89	22.18	21.78		
100	QPSK	1	271	21.94	22.01	21.98		
100	QPSK	135	0	21.88	22.03	21.82	23.0	0.0
100	QPSK	135	69	22.00	22.10	22.06	23.0	0.0
100	QPSK	135	138	22.04	22.08	22.03	23.0	0.0
100	QPSK	270	0	21.92	22.00	21.84		
100	16QAM	1	1	21.78	21.96	21.82	23.0	0.0
100	64QAM	1	1	21.79	21.87	21.69	23.0	0.0
100	256QAM	1	1	20.51	20.68	20.52	21.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	21.87	21.97	21.63	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	21.89	22.15	21.66	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	21.78	22.00	21.56	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	21.73	22.14	21.66	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	21.72	22.04	21.74	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	21.82	22.08	21.68	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	21.79	22.02	21.74	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	21.67	22.09	21.76	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	21.83	22.09	21.59	23.0	0.0

PC2 n41_Ant0 DSI1 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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	25.19	25.25	25.25	25.5	0.0
100	PI/2 BPSK	1	137	24.97	25.13	24.96		
100	PI/2 BPSK	1	271	25.04	25.17	25.02		
100	PI/2 BPSK	135	0	24.43	24.63	24.63	25.0	0.5
100	PI/2 BPSK	135	69	24.81	24.95	24.86	25.5	0.0
100	PI/2 BPSK	135	138	24.22	24.42	24.28	25.0	0.5
100	PI/2 BPSK	270	0	24.25	24.25	24.25		
100	QPSK	1	1	25.06	25.19	25.13	25.5	0.0
100	QPSK	1	137	24.95	25.26	24.84		
100	QPSK	1	271	25.17	25.21	25.13		
100	QPSK	135	0	24.04	24.05	23.83	24.5	1.0
100	QPSK	135	69	24.93	25.15	24.96	25.5	0.0
100	QPSK	135	138	23.95	24.08	23.97	24.5	1.0
100	QPSK	270	0	23.78	23.80	23.76		
100	16QAM	1	1	23.59	23.79	23.74	24.5	1.0
100	64QAM	1	1	22.47	22.59	22.56	23.0	2.5
100	256QAM	1	1	20.52	20.53	20.48	21.0	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	24.95	25.08	24.74	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	24.88	25.24	24.67	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	24.86	25.11	24.64	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	24.90	25.10	24.74	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	24.78	25.20	24.83	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	24.90	25.18	24.70	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	24.87	25.12	24.74	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	24.82	25.10	24.79	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	24.79	25.23	24.67	25.5	0.0

n66_Ant1 DSI1&2 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.99	24.13	23.91	25.5	0.0
40	PI/2 BPSK	1	53	24.27	24.42	24.30		
40	PI/2 BPSK	1	104	23.96	24.14	24.01		
40	PI/2 BPSK	50	0	23.45	23.63	23.60	25.0	0.5
40	PI/2 BPSK	50	28	24.28	24.34	24.26	25.5	0.0
40	PI/2 BPSK	50	56	23.41	23.54	23.40	25.0	0.5
40	PI/2 BPSK	100	0	23.33	23.58	23.48		
40	QPSK	1	1	23.95	23.97	23.94	25.5	0.0
40	QPSK	1	53	24.29	24.44	24.32		
40	QPSK	1	104	24.12	24.21	24.06		
40	QPSK	50	0	23.19	23.24	23.04	24.5	1.0
40	QPSK	50	28	24.09	24.24	24.15	25.5	0.0
40	QPSK	50	56	23.06	23.20	22.98	24.5	1.0
40	QPSK	100	0	23.21	23.28	23.24		
40	16QAM	1	1	23.10	23.20	23.05	24.5	1.0
40	64QAM	1	1	21.61	21.68	21.57	23.0	2.5
40	256QAM	1	1	19.84	19.92	19.82	21.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	24.05	24.35	24.12	25.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	67	24.18	24.30	24.23	25.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	24.07	24.29	24.18	25.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	24.16	24.18	24.21	25.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	24.15	24.29	24.08	25.5	0.0

PC3 n77_Ant1 DSI1&2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.53	18.69	18.64	20.5	0.0
100	PI/2 BPSK	1	137	19.34	19.55	19.43		
100	PI/2 BPSK	1	271	18.63	18.61	18.61		
100	PI/2 BPSK	135	0	19.37	19.54	19.46	20.5	0.0
100	PI/2 BPSK	135	69	19.39	19.60	19.47	20.5	0.0
100	PI/2 BPSK	135	138	19.52	19.59	19.43	20.5	0.0
100	PI/2 BPSK	270	0	19.44	19.59	19.46		
100	QPSK	1	1	18.59	18.59	18.53	20.5	0.0
100	QPSK	1	137	19.65	19.71	19.68		
100	QPSK	1	271	18.65	18.64	18.50		
100	QPSK	135	0	19.55	19.58	19.56	20.5	0.0
100	QPSK	135	69	19.45	19.62	19.60	20.5	0.0
100	QPSK	135	138	19.39	19.45	19.39	20.5	0.0
100	QPSK	270	0	19.36	19.42	19.40		
100	16QAM	1	1	19.22	19.39	19.28	20.5	0.0
100	64QAM	1	1	19.20	19.37	19.30	20.5	0.0
100	256QAM	1	1	18.18	18.33	18.14	19.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	19.45	19.62	19.51	20.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	19.49	19.53	19.61	20.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	19.45	19.64	19.70	20.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	19.63	19.64	19.49	20.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	19.54	19.58	19.50	20.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.61	19.65	19.67	20.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	19.51	19.70	19.68	20.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	19.65	19.52	19.54	20.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	19.47	19.69	19.54	20.5	0.0

Par27Q PC3 n77_Ant1 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.52		20.5	0.0
100	PI/2 BPSK	1	137		19.33			
100	PI/2 BPSK	1	271		18.63			
100	PI/2 BPSK	135	0		19.31		20.5	0.0
100	PI/2 BPSK	135	69		19.27		20.5	0.0
100	PI/2 BPSK	135	138		19.23		20.5	0.0
100	PI/2 BPSK	270	0		19.24			
100	QPSK	1	1		18.64		20.5	0.0
100	QPSK	1	137		19.48			
100	QPSK	1	271		18.56			
100	QPSK	135	0		19.26		20.5	0.0
100	QPSK	135	69		19.39		20.5	0.0
100	QPSK	135	138		19.24		20.5	0.0
100	QPSK	270	0		19.01			
100	16QAM	1	1		19.19		20.5	0.0
100	64QAM	1	1		19.13		20.5	0.0
100	256QAM	1	1		18.15		19.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	19.16	19.28	19.01	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.12	19.11	18.89	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	19.16	19.15	19.04	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	19.27	19.09	19.07	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.21	19.11	19.00	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.26	19.27	19.08	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.29	19.29	19.08	20.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	19.27	19.09	19.04	20.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.22	19.12	18.99	20.5	0.0

PC2 n77_Ant1 DSI1&2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.55	21.75	21.63	23.5	0.0
100	PI/2 BPSK	1	137	22.46	22.60	22.52		
100	PI/2 BPSK	1	271	21.54	21.70	21.50		
100	PI/2 BPSK	135	0	21.90	21.97	21.89	23.0	0.5
100	PI/2 BPSK	135	69	22.51	22.54	22.43	23.5	0.0
100	PI/2 BPSK	135	138	21.94	22.01	21.90	23.0	0.5
100	PI/2 BPSK	270	0	21.97	21.98	21.87		
100	QPSK	1	1	21.65	21.74	21.67	23.5	0.0
100	QPSK	1	137	22.41	22.61	22.55		
100	QPSK	1	271	21.78	21.69	21.60		
100	QPSK	135	0	21.27	21.45	21.29	22.5	1.0
100	QPSK	135	69	22.35	22.51	22.35	23.5	0.0
100	QPSK	135	138	21.44	21.49	21.47	22.5	1.0
100	QPSK	270	0	21.27	21.46	21.27		
100	16QAM	1	1	21.10	21.24	21.10	22.5	1.0
100	64QAM	1	1	19.93	20.08	20.03	21.0	2.5
100	256QAM	1	1	18.39	18.38	18.38	19.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	22.39	22.60	22.56	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	22.41	22.47	22.39	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	22.36	22.52	22.52	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.40	22.52	22.39	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	22.39	22.59	22.47	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.32	22.42	22.39	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.37	22.47	22.52	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.27	22.47	22.43	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.29	22.41	22.36	23.5	0.0

Par27Q PC2 n77_Ant1 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.54		23.5	0.0
100	PI/2 BPSK	1	137		22.39			
100	PI/2 BPSK	1	271		21.50			
100	PI/2 BPSK	135	0		21.79		23.0	0.5
100	PI/2 BPSK	135	69		22.44		23.5	0.0
100	PI/2 BPSK	135	138		21.97		23.0	0.5
100	PI/2 BPSK	270	0		21.92			
100	QPSK	1	1		21.62		23.5	0.0
100	QPSK	1	137		22.53			
100	QPSK	1	271		21.50			
100	QPSK	135	0		21.36		22.5	1.0
100	QPSK	135	69		22.31		23.5	0.0
100	QPSK	135	138		21.32		22.5	1.0
100	QPSK	270	0		21.45			
100	16QAM	1	1		21.14		22.5	1.0
100	64QAM	1	1		19.96		21.0	2.5
100	256QAM	1	1		18.33		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.42	22.34	22.17	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.43	22.35	22.34	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.42	22.26	22.20	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.27	22.28	22.20	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.23	22.42	22.29	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.39	22.39	22.36	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.43	22.45	22.39	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.31	22.38	22.20	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.34	22.23	22.32	23.5	0.0

PC3 n78_Ant1 DSI1&2 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.74		20.5	0.0
100	PI/2 BPSK	1	137		19.89			
100	PI/2 BPSK	1	271		19.02			
100	PI/2 BPSK	135	0		19.70		20.5	0.0
100	PI/2 BPSK	135	69		19.85		20.5	0.0
100	PI/2 BPSK	135	138		19.78		20.5	0.0
100	PI/2 BPSK	270	0		19.52			
100	QPSK	1	1		18.77		20.5	0.0
100	QPSK	1	137		19.91			
100	QPSK	1	271		19.04			
100	QPSK	135	0		19.73		20.5	0.0
100	QPSK	135	69		19.88		20.5	0.0
100	QPSK	135	138		19.82		20.5	0.0
100	QPSK	270	0		19.79			
100	16QAM	1	1		19.56		20.5	0.0
100	64QAM	1	1		19.61		20.5	0.0
100	256QAM	1	1		18.71		19.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	19.84	19.81	19.80	20.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	19.77	19.90	19.75	20.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	19.84	19.87	19.68	20.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	19.79	19.75	19.85	20.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	19.70	19.88	19.74	20.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	19.83	19.86	19.73	20.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	19.83	19.86	19.83	20.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	19.76	19.72	19.81	20.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	19.72	19.78	19.80	20.5	0.0

Par27Q PC3 n78_Ant1 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.63		20.5	0.0
100	PI/2 BPSK	1	137		19.38			
100	PI/2 BPSK	1	271		18.72			
100	PI/2 BPSK	135	0		19.18		20.5	0.0
100	PI/2 BPSK	135	69		19.41		20.5	0.0
100	PI/2 BPSK	135	138		19.33		20.5	0.0
100	PI/2 BPSK	270	0		19.22			
100	QPSK	1	1		18.53		20.5	0.0
100	QPSK	1	137		19.52			
100	QPSK	1	271		18.60			
100	QPSK	135	0		19.36		20.5	0.0
100	QPSK	135	69		19.44		20.5	0.0
100	QPSK	135	138		19.33		20.5	0.0
100	QPSK	270	0		19.47			
100	16QAM	1	1		19.18		20.5	0.0
100	64QAM	1	1		19.17		20.5	0.0
100	256QAM	1	1		18.32		19.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	19.31	19.40	19.36	20.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.35	19.47	19.20	20.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	19.32	19.31	19.25	20.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	19.44	19.36	19.20	20.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.34	19.39	19.23	20.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	19.38	19.48	19.22	20.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.38	19.34	19.23	20.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	19.31	19.48	19.37	20.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.29	19.32	19.30	20.5	0.0

PC2 n78_Ant1 DSI1&2 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.51		23.5	0.0
100	PI/2 BPSK	1	137		22.59			
100	PI/2 BPSK	1	271		21.81			
100	PI/2 BPSK	135	0		22.01		23.0	0.5
100	PI/2 BPSK	135	69		22.57		23.5	0.0
100	PI/2 BPSK	135	138		22.07		23.0	0.5
100	PI/2 BPSK	270	0		22.07			
100	QPSK	1	1		21.46		23.5	0.0
100	QPSK	1	137		22.60			
100	QPSK	1	271		21.81			
100	QPSK	135	0		21.48		22.5	1.0
100	QPSK	135	69		22.58		23.5	0.0
100	QPSK	135	138		21.57		22.5	1.0
100	QPSK	270	0		21.58			
100	16QAM	1	1		21.48		22.5	1.0
100	64QAM	1	1		20.14		21.0	2.5
100	256QAM	1	1		18.23		19.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.52	22.41	22.36	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.55	22.40	22.30	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.49	22.57	22.35	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.58	22.39	22.40	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.55	22.43	22.28	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.42	22.39	22.45	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.40	22.57	22.36	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.43	22.50	22.47	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.59	22.48	22.40	23.5	0.0

Par27Q PC2 n78_Ant1 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.65		23.5	0.0
100	PI/2 BPSK	1	137		22.30			
100	PI/2 BPSK	1	271		21.52			
100	PI/2 BPSK	135	0		21.79		23.0	0.5
100	PI/2 BPSK	135	69		22.35		23.5	0.0
100	PI/2 BPSK	135	138		21.79		23.0	0.5
100	PI/2 BPSK	270	0		21.90			
100	QPSK	1	1		21.58		23.5	0.0
100	QPSK	1	137		22.44			
100	QPSK	1	271		21.52			
100	QPSK	135	0		21.23		22.5	1.0
100	QPSK	135	69		22.41		23.5	0.0
100	QPSK	135	138		21.48		22.5	1.0
100	QPSK	270	0		21.35			
100	16QAM	1	1		21.33		22.5	1.0
100	64QAM	1	1		19.92		21.0	2.5
100	256QAM	1	1		18.11		19.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.20	22.42	22.07	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.33	22.25	22.18	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.31	22.28	22.05	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.34	22.41	22.25	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.33	22.40	22.11	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.36	22.43	22.17	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.33	22.30	22.06	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.24	22.35	22.08	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.36	22.28	22.19	23.5	0.0

n7_Ant2 DSI1&2 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	23.07	23.17	23.09	24.5	0.0
20	PI/2 BPSK	1	26	23.15	23.19	23.18		
20	PI/2 BPSK	1	49	23.07	23.15	23.14		
20	PI/2 BPSK	25	0	22.71	22.66	22.66	24.0	0.5
20	PI/2 BPSK	25	13	23.12	23.12	23.01	24.5	0.0
20	PI/2 BPSK	25	26	22.58	22.67	22.56	24.0	0.5
20	PI/2 BPSK	50	0	22.62	22.71	22.76		
20	QPSK	1	1	23.05	23.26	23.12	24.5	0.0
20	QPSK	1	26	23.16	23.31	23.25		
20	QPSK	1	49	23.09	23.16	23.01		
20	QPSK	25	0	22.05	22.12	22.01	23.5	1.0
20	QPSK	25	13	23.03	23.11	23.08	24.5	0.0
20	QPSK	25	26	22.09	22.11	22.10	23.5	1.0
20	QPSK	50	0	22.04	22.10	22.02		
20	16QAM	1	1	22.03	22.06	22.05	23.5	1.0
20	64QAM	1	1	20.69	20.78	20.80	22.0	2.5
20	256QAM	1	1	18.81	18.85	18.89	20.0	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	22.81	23.11	23.01	24.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	22.91	23.11	23.03	24.5	0.0

n66_Ant2 DSI1&2&4 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.85	22.88	22.87	24.5	0.0
40	PI/2 BPSK	1	53	23.23	23.19	23.13		
40	PI/2 BPSK	1	104	22.75	22.88	22.93		
40	PI/2 BPSK	50	0	22.23	22.34	22.21	24.0	0.5
40	PI/2 BPSK	50	28	23.01	23.04	22.93	24.5	0.0
40	PI/2 BPSK	50	56	22.37	22.36	22.31	24.0	0.5
40	PI/2 BPSK	100	0	22.44	22.41	22.39		
40	QPSK	1	1	22.87	23.08	22.86	24.5	0.0
40	QPSK	1	53	23.14	23.27	23.16		
40	QPSK	1	104	22.88	22.94	22.83		
40	QPSK	50	0	21.89	21.92	21.97	23.5	1.0
40	QPSK	50	28	22.95	23.02	22.77	24.5	0.0
40	QPSK	50	56	21.83	21.90	21.95	23.5	1.0
40	QPSK	100	0	21.73	21.93	21.92		
40	16QAM	1	1	21.84	21.99	21.84	23.5	1.0
40	64QAM	1	1	20.51	20.48	20.38	22.0	2.5
40	256QAM	1	1	18.46	18.41	18.38	20.0	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	39	22.98	23.11	22.96	24.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	32	22.86	23.05	23.06	24.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	22.92	23.10	22.93	24.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	23.06	23.08	22.96	24.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	22.96	23.12	22.95	24.5	0.0

n38_Ant2 DSI1&2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.38	23.39	23.32	24.0	0.0
40	PI/2 BPSK	1	53	23.79	23.79	23.82		
40	PI/2 BPSK	1	104	23.42	23.46	23.51		
40	PI/2 BPSK	50	0	23.08	23.16	23.04	23.5	0.5
40	PI/2 BPSK	50	28	23.59	23.64	23.58	24.0	0.0
40	PI/2 BPSK	50	56	22.96	23.01	23.00	23.5	0.5
40	PI/2 BPSK	100	0	23.09	23.08	23.00		
40	QPSK	1	1	23.47	23.54	23.51	24.0	0.0
40	QPSK	1	53	23.83	23.90	23.86		
40	QPSK	1	104	23.47	23.47	23.32		
40	QPSK	50	0	22.48	22.52	22.51	23.0	1.0
40	QPSK	50	28	23.36	23.52	23.51	24.0	0.0
40	QPSK	50	56	22.53	22.57	22.50	23.0	1.0
40	QPSK	100	0	22.34	22.46	22.37		
40	16QAM	1	1	22.36	22.48	22.35	23.0	1.0
40	64QAM	1	1	20.95	20.99	20.93	21.5	2.5
40	256QAM	1	1	19.16	19.13	19.09	19.5	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	23.57	23.82	23.66	24.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	23.55	23.62	23.65	24.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	23.68	23.77	23.69	24.0	0.0

PC3 n41_Ant2 DSI1&2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.73	22.72	22.70	24.0	0.0
100	PI/2 BPSK	1	137	23.18	23.12	23.16		
100	PI/2 BPSK	1	271	23.10	23.05	23.00		
100	PI/2 BPSK	135	0	23.10	23.08	23.08	24.0	0.0
100	PI/2 BPSK	135	69	23.07	23.13	23.12	24.0	0.0
100	PI/2 BPSK	135	138	23.23	23.17	23.24	24.0	0.0
100	PI/2 BPSK	270	0	23.25	23.19	23.25		
100	QPSK	1	1	23.01	22.99	23.06	24.0	0.0
100	QPSK	1	137	23.24	23.33	23.26		
100	QPSK	1	271	23.06	23.01	23.02		
100	QPSK	135	0	23.11	23.26	23.17	24.0	0.0
100	QPSK	135	69	23.21	23.27	22.93	24.0	0.0
100	QPSK	135	138	23.26	23.24	23.23	24.0	0.0
100	QPSK	270	0	23.21	23.26	23.08		
100	16QAM	1	1	22.75	22.76	22.76	24.0	0.0
100	64QAM	1	1	22.69	22.73	22.75	24.0	0.0
100	256QAM	1	1	22.31	22.24	22.20	22.5	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.24	23.25	23.11	24.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.12	23.28	23.01	24.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.26	23.29	23.16	24.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.10	23.13	23.08	24.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.23	23.34	23.32	24.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.13	23.23	23.23	24.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.22	23.22	23.32	24.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	23.33	23.29	23.21	24.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	23.28	23.28	23.26	24.0	0.0

PC2 n41_Ant2 DSI1&2 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				509202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.22	23.28	23.32	25.0	0.0
100	PI/2 BPSK	1	137	23.61	23.68	23.78		
100	PI/2 BPSK	1	271	23.57	23.60	23.52		
100	PI/2 BPSK	135	0	23.60	23.70	23.70	24.5	0.5
100	PI/2 BPSK	135	69	23.73	23.71	23.70	25.0	0.0
100	PI/2 BPSK	135	138	23.99	24.02	23.96	24.5	0.5
100	PI/2 BPSK	270	0	23.72	23.78	23.81		
100	QPSK	1	1	23.57	23.51	23.50	25.0	0.0
100	QPSK	1	137	23.99	24.16	23.95		
100	QPSK	1	271	23.80	23.73	23.68		
100	QPSK	135	0	23.82	23.84	23.82	24.0	1.0
100	QPSK	135	69	23.90	23.93	23.87	25.0	0.0
100	QPSK	135	138	23.81	23.91	23.86	24.0	1.0
100	QPSK	270	0	23.76	23.85	23.77		
100	16QAM	1	1	23.43	23.35	23.28	24.0	1.0
100	64QAM	1	1	22.36	22.33	22.26	22.5	2.5
100	256QAM	1	1	20.27	20.29	20.30	20.5	4.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.96	24.14	23.67	25.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.87	23.96	23.51	25.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.95	23.91	23.49	25.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.95	24.02	24.03	25.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.87	24.00	23.68	25.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.94	23.96	23.66	25.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.86	23.91	23.61	25.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	23.87	23.98	23.68	25.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	23.84	23.91	23.62	25.0	0.0

PC3 n77_Ant3 DSI1&2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.52	20.53	20.51	22.5	0.0
100	PI/2 BPSK	1	137	21.56	21.55	21.38		
100	PI/2 BPSK	1	271	20.53	20.58	20.58		
100	PI/2 BPSK	135	0	21.42	21.49	21.48	22.5	0.0
100	PI/2 BPSK	135	69	21.37	21.42	21.37	22.5	0.0
100	PI/2 BPSK	135	138	21.29	21.44	21.44	22.5	0.0
100	PI/2 BPSK	270	0	21.49	21.50	21.52		
100	QPSK	1	1	20.59	20.52	20.59	22.5	0.0
100	QPSK	1	137	21.49	21.58	21.54		
100	QPSK	1	271	20.59	20.59	20.56		
100	QPSK	135	0	21.38	21.49	21.30	22.5	0.0
100	QPSK	135	69	21.37	21.50	21.31	22.5	0.0
100	QPSK	135	138	21.31	21.43	21.45	22.5	0.0
100	QPSK	270	0	21.43	21.52	21.37		
100	16QAM	1	1	21.12	21.31	21.32	22.5	0.0
100	64QAM	1	1	21.30	21.41	21.22	22.5	0.0
100	256QAM	1	1	19.90	20.09	19.94	21.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.49	21.57	21.33	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.37	21.37	21.32	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	21.27	21.55	21.45	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.32	21.45	21.44	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.33	21.47	21.33	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.46	21.50	21.56	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.47	21.42	21.34	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.35	21.37	21.56	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.47	21.50	21.52	22.5	0.0

Par27Q PC3 n77_Ant3 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.59		22.5	0.0
100	PI/2 BPSK	1	137		21.19			
100	PI/2 BPSK	1	271		20.63			
100	PI/2 BPSK	135	0		21.24		22.5	0.0
100	PI/2 BPSK	135	69		21.10		22.5	0.0
100	PI/2 BPSK	135	138		21.12		22.5	0.0
100	PI/2 BPSK	270	0		21.16			
100	QPSK	1	1		20.58		22.5	0.0
100	QPSK	1	137		21.36			
100	QPSK	1	271		20.56			
100	QPSK	135	0		21.09		22.5	0.0
100	QPSK	135	69		21.10		22.5	0.0
100	QPSK	135	138		21.08		22.5	0.0
100	QPSK	270	0		21.14			
100	16QAM	1	1		20.92		22.5	0.0
100	64QAM	1	1		21.02		22.5	0.0
100	256QAM	1	1		19.75		21.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.16	21.31	21.19	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.26	21.26	21.33	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.15	21.23	21.12	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.29	21.27	21.24	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.16	21.27	21.27	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.07	21.32	21.28	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.08	21.18	21.14	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.23	21.26	21.21	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.19	21.19	21.18	22.5	0.0

PC2 n77_Ant3 DSI1 For SA / DSI2 For SA&NSA 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.55	23.56	23.50	25.5	0.0
100	PI/2 BPSK	1	137	24.12	24.22	24.15		
100	PI/2 BPSK	1	271	23.59	23.58	23.56		
100	PI/2 BPSK	135	0	24.09	24.11	24.04	25.0	0.5
100	PI/2 BPSK	135	69	24.37	24.54	24.38	25.5	0.0
100	PI/2 BPSK	135	138	24.05	24.09	24.06	25.0	0.5
100	PI/2 BPSK	270	0	24.00	24.11	24.06		
100	QPSK	1	1	23.56	23.55	23.57	25.5	0.0
100	QPSK	1	137	24.53	24.55	24.37		
100	QPSK	1	271	23.51	23.62	23.52		
100	QPSK	135	0	23.60	23.58	23.38	24.5	1.0
100	QPSK	135	69	24.35	24.44	24.26	25.5	0.0
100	QPSK	135	138	23.34	23.55	23.44	24.5	1.0
100	QPSK	270	0	23.53	23.58	23.57		
100	16QAM	1	1	23.39	23.42	23.43	24.5	1.0
100	64QAM	1	1	22.03	22.01	21.90	23.0	2.5
100	256QAM	1	1	20.03	20.03	20.04	21.0	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.37	24.54	24.26	25.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.46	24.37	24.38	25.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	24.37	24.54	24.21	25.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.52	24.39	24.34	25.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.34	24.36	24.21	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.40	24.48	24.21	25.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.35	24.47	24.38	25.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	24.53	24.38	24.25	25.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.48	24.39	24.38	25.5	0.0

Par27Q PC2 n77_Ant3 DSI1 For SA / DSI2 For SA&NSA 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.51		25.5	0.0
100	PI/2 BPSK	1	137		23.91			
100	PI/2 BPSK	1	271		23.53			
100	PI/2 BPSK	135	0		23.93		25.0	0.5
100	PI/2 BPSK	135	69		24.39		25.5	0.0
100	PI/2 BPSK	135	138		23.99		25.0	0.5
100	PI/2 BPSK	270	0		23.81			
100	QPSK	1	1		23.56		25.5	0.0
100	QPSK	1	137		24.47			
100	QPSK	1	271		23.59			
100	QPSK	135	0		23.40		24.5	1.0
100	QPSK	135	69		24.29		25.5	0.0
100	QPSK	135	138		23.24		24.5	1.0
100	QPSK	270	0		23.38			
100	16QAM	1	1		23.24		24.5	1.0
100	64QAM	1	1		21.76		23.0	2.5
100	256QAM	1	1		19.83		21.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.31	24.44	24.35	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.34	24.25	24.40	25.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.26	24.35	24.36	25.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.33	24.36	24.33	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.25	24.30	24.37	25.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.24	24.25	24.41	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.27	24.39	24.36	25.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	24.14	24.43	24.28	25.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	24.23	24.35	24.43	25.5	0.0

PC3 n78_Ant3 DSI1&2 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.53		22.5	0.0
100	PI/2 BPSK	1	137		21.63			
100	PI/2 BPSK	1	271		20.92			
100	PI/2 BPSK	135	0		21.58		22.5	0.0
100	PI/2 BPSK	135	69		21.70		22.5	0.0
100	PI/2 BPSK	135	138		21.68		22.5	0.0
100	PI/2 BPSK	270	0		21.70			
100	QPSK	1	1		20.55		22.5	0.0
100	QPSK	1	137		21.71			
100	QPSK	1	271		20.90			
100	QPSK	135	0		21.62		22.5	0.0
100	QPSK	135	69		21.69		22.5	0.0
100	QPSK	135	138		21.63		22.5	0.0
100	QPSK	270	0		21.60			
100	16QAM	1	1		21.67		22.5	0.0
100	64QAM	1	1		21.53		22.5	0.0
100	256QAM	1	1		20.05		21.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.56	21.63	21.68	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.45	21.58	21.59	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.43	21.52	21.68	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.51	21.51	21.53	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.50	21.52	21.57	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.64	21.54	21.66	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.60	21.65	21.61	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.56	21.63	21.53	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.59	21.54	21.48	22.5	0.0

Par27Q PC3 n78_Ant3 DSI1&2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.59		22.5	0.0
100	PI/2 BPSK	1	137		21.46			
100	PI/2 BPSK	1	271		20.82			
100	PI/2 BPSK	135	0		21.51		22.5	0.0
100	PI/2 BPSK	135	69		21.66		22.5	0.0
100	PI/2 BPSK	135	138		21.66		22.5	0.0
100	PI/2 BPSK	270	0		21.59			
100	QPSK	1	1		20.52		22.5	0.0
100	QPSK	1	137		21.69			
100	QPSK	1	271		20.83			
100	QPSK	135	0		21.48		22.5	0.0
100	QPSK	135	69		21.52		22.5	0.0
100	QPSK	135	138		21.50		22.5	0.0
100	QPSK	270	0		21.39			
100	16QAM	1	1		21.67		22.5	0.0
100	64QAM	1	1		21.49		22.5	0.0
100	256QAM	1	1		19.99		21.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.57	21.67	21.50	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.48	21.60	21.33	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.43	21.50	21.35	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.43	21.61	21.31	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.43	21.55	21.33	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.44	21.54	21.51	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.51	21.63	21.38	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.52	21.49	21.35	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.54	21.53	21.52	22.5	0.0

PC2 n78_Ant3 DSI1 For SA / DSI2 For SA&NSA 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.56		25.5	0.0
100	PI/2 BPSK	1	137		24.29			
100	PI/2 BPSK	1	271		23.97			
100	PI/2 BPSK	135	0		24.00		25.0	0.5
100	PI/2 BPSK	135	69		24.36		25.5	0.0
100	PI/2 BPSK	135	138		24.21		25.0	0.5
100	PI/2 BPSK	270	0		24.11			
100	QPSK	1	1		23.55		25.5	0.0
100	QPSK	1	137		24.54			
100	QPSK	1	271		23.95			
100	QPSK	135	0		23.50		24.5	1.0
100	QPSK	135	69		24.54		25.5	0.0
100	QPSK	135	138		23.65		24.5	1.0
100	QPSK	270	0		23.61			
100	16QAM	1	1		23.52		24.5	1.0
100	64QAM	1	1		21.98		23.0	2.5
100	256QAM	1	1		20.00		21.0	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.40	24.50	24.40	25.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.49	24.49	24.38	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.49	24.43	24.33	25.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	24.48	24.51	24.36	25.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.46	24.53	24.50	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.33	24.50	24.42	25.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.29	24.51	24.45	25.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	24.42	24.53	24.39	25.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	24.47	24.41	24.46	25.5	0.0

Par27Q PC2 n78_Ant3 DSI1 For SA / DSI2 For SA&NSA 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.38		25.5	0.0
100	PI/2 BPSK	1	137		24.30			
100	PI/2 BPSK	1	271		23.73			
100	PI/2 BPSK	135	0		23.77		25.0	0.5
100	PI/2 BPSK	135	69		24.40		25.5	0.0
100	PI/2 BPSK	135	138		23.99		25.0	0.5
100	PI/2 BPSK	270	0		23.99			
100	QPSK	1	1		23.44		25.5	0.0
100	QPSK	1	137		24.46			
100	QPSK	1	271		23.77			
100	QPSK	135	0		23.32		24.5	1.0
100	QPSK	135	69		24.34		25.5	0.0
100	QPSK	135	138		23.37		24.5	1.0
100	QPSK	270	0		23.41			
100	16QAM	1	1		23.20		24.5	1.0
100	64QAM	1	1		21.75		23.0	2.5
100	256QAM	1	1		19.85		21.0	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.42	24.40	24.44	25.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.46	24.40	24.38	25.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.42	24.41	24.41	25.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.42	24.43	24.38	25.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.44	24.44	24.36	25.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.36	24.29	24.42	25.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.42	24.34	24.43	25.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	24.33	24.41	24.42	25.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	24.24	24.19	24.43	25.5	0.0

n5_Ant4 DSI1&2&4 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				166600	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.78	22.83	22.78	24.0	0.0
20	PI/2 BPSK	1	26	22.81	22.91	22.88		
20	PI/2 BPSK	1	49	22.71	22.79	22.73		
20	PI/2 BPSK	25	0	22.35	22.38	22.32	23.5	0.5
20	PI/2 BPSK	25	13	22.83	22.87	22.82	24.0	0.0
20	PI/2 BPSK	25	26	22.29	22.38	22.40	23.5	0.5
20	PI/2 BPSK	50	0	22.35	22.34	22.35		
20	QPSK	1	1	22.90	22.84	22.91	24.0	0.0
20	QPSK	1	26	22.94	22.99	22.96		
20	QPSK	1	49	22.71	22.83	22.89		
20	QPSK	25	0	21.73	21.86	21.91	23.0	1.0
20	QPSK	25	13	22.81	22.86	22.80	24.0	0.0
20	QPSK	25	26	21.87	21.85	21.83	23.0	1.0
20	QPSK	50	0	21.78	21.89	21.76		
20	16QAM	1	1	21.72	21.83	21.86	23.0	1.0
20	64QAM	1	1	20.43	20.36	20.33	21.5	2.5
20	256QAM	1	1	18.34	18.47	18.45	19.5	4.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	19	22.62	22.67	22.63	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	12	22.68	22.64	22.61	24.0	0.0

n7_Ant4 DSI2 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				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.76	22.82	22.74	24.0	0.0
20	PI/2 BPSK	1	26	22.76	22.87	22.80		
20	PI/2 BPSK	1	49	22.81	22.82	22.76		
20	PI/2 BPSK	25	0	22.43	22.38	22.44	23.5	0.5
20	PI/2 BPSK	25	13	22.84	22.84	22.82	24.0	0.0
20	PI/2 BPSK	25	26	22.29	22.29	22.30	23.5	0.5
20	PI/2 BPSK	50	0	22.32	22.41	22.30		
20	QPSK	1	1	22.74	22.87	22.75	24.0	0.0
20	QPSK	1	26	22.77	22.89	22.83		
20	QPSK	1	49	22.75	22.83	22.84		
20	QPSK	25	0	21.79	21.84	21.85	23.0	1.0
20	QPSK	25	13	22.83	22.85	22.80	24.0	0.0
20	QPSK	25	26	21.85	21.83	21.83	23.0	1.0
20	QPSK	50	0	21.73	21.84	21.83		
20	16QAM	1	1	21.89	21.85	21.81	23.0	1.0
20	64QAM	1	1	20.39	20.33	20.28	21.5	2.5
20	256QAM	1	1	18.35	18.30	18.18	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	19	22.52	22.77	22.80	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	12	22.50	22.82	22.83	24.0	0.0

n66_Ant4 DSI2&4 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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.49	22.57	22.54	24.0	0.0
40	PI/2 BPSK	1	53	22.56	22.63	22.59		
40	PI/2 BPSK	1	104	22.48	22.60	22.59		
40	PI/2 BPSK	50	0	21.91	22.02	22.04	23.5	0.5
40	PI/2 BPSK	50	28	22.45	22.54	22.39	24.0	0.0
40	PI/2 BPSK	50	56	21.85	22.03	21.88	23.5	0.5
40	PI/2 BPSK	100	0	22.07	22.06	22.03		
40	QPSK	1	1	22.43	22.61	22.48	24.0	0.0
40	QPSK	1	53	22.45	22.64	22.51		
40	QPSK	1	104	22.43	22.55	22.49		
40	QPSK	50	0	21.49	21.58	21.59	23.0	1.0
40	QPSK	50	28	22.50	22.54	22.38	24.0	0.0
40	QPSK	50	56	21.47	21.47	21.39	23.0	1.0
40	QPSK	100	0	21.38	21.51	21.47		
40	16QAM	1	1	21.39	21.54	21.56	23.0	1.0
40	64QAM	1	1	19.94	20.05	20.05	21.5	2.5
40	256QAM	1	1	18.05	18.06	17.91	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	39	22.19	22.46	22.27	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	32	22.13	22.49	22.38	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	22.15	22.58	22.41	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	22.22	22.56	22.31	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	22.14	22.61	22.38	24.0	0.0

n38_Ant4 DSI2 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				518004	519000	519996		
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	23.66	23.66	23.68	25.5	0.0
40	PI/2 BPSK	1	53	24.08	24.15	24.12		
40	PI/2 BPSK	1	104	23.59	23.64	23.52		
40	PI/2 BPSK	50	0	23.29	23.25	23.29	25.0	0.5
40	PI/2 BPSK	50	28	23.68	23.66	23.63	25.5	0.0
40	PI/2 BPSK	50	56	23.29	23.27	23.35	25.0	0.5
40	PI/2 BPSK	100	0	23.18	23.25	23.24		
40	QPSK	1	1	23.59	23.70	23.59	25.5	0.0
40	QPSK	1	53	24.06	24.18	24.06		
40	QPSK	1	104	23.64	23.66	23.56		
40	QPSK	50	0	22.68	22.76	22.63	24.5	1.0
40	QPSK	50	28	23.66	23.68	23.67	25.5	0.0
40	QPSK	50	56	22.58	22.69	22.69	24.5	1.0
40	QPSK	100	0	22.64	22.66	22.62		
40	16QAM	1	1	22.88	22.86	22.81	24.5	1.0
40	64QAM	1	1	21.14	21.21	21.15	23.0	2.5
40	256QAM	1	1	19.19	19.22	19.14	21.0	4.5
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	23.91	24.00	23.79	25.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	23.96	24.11	23.82	25.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	23.83	24.15	23.91	25.5	0.0

PC3 n41_Ant4 DSI2 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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	22.82	22.77	22.84	24.5	0.0
100	PI/2 BPSK	1	137	22.90	22.96	22.96		
100	PI/2 BPSK	1	271	22.90	22.89	22.97		
100	PI/2 BPSK	135	0	22.95	22.99	23.06	24.5	0.0
100	PI/2 BPSK	135	69	23.15	23.13	23.13	24.5	0.0
100	PI/2 BPSK	135	138	23.03	23.06	23.13	24.5	0.0
100	PI/2 BPSK	270	0	22.98	23.06	23.06		
100	QPSK	1	1	22.96	23.04	23.10	24.5	0.0
100	QPSK	1	137	23.30	23.49	23.27		
100	QPSK	1	271	22.56	22.58	22.64		
100	QPSK	135	0	22.90	22.99	23.02	24.5	0.0
100	QPSK	135	69	23.01	23.17	23.07	24.5	0.0
100	QPSK	135	138	22.96	23.11	23.08	24.5	0.0
100	QPSK	270	0	22.93	23.00	22.98		
100	16QAM	1	1	22.58	22.64	22.63	24.5	0.0
100	64QAM	1	1	22.55	22.58	22.61	24.5	0.0
100	256QAM	1	1	21.62	21.67	21.64	23.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.33	23.35	23.18	24.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.29	23.41	23.35	24.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.29	23.28	23.25	24.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.29	23.40	23.21	24.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.24	23.40	23.30	24.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.37	23.34	23.31	24.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.37	23.38	23.21	24.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	23.37	23.36	23.23	24.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	23.28	23.36	23.24	24.5	0.0

PC2 n41_Ant4 DSI2 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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	23.53	23.52	23.50	25.5	0.0
100	PI/2 BPSK	1	137	24.01	23.99	23.97		
100	PI/2 BPSK	1	271	23.93	23.86	23.92		
100	PI/2 BPSK	135	0	23.80	23.83	23.84	25.5	0.0
100	PI/2 BPSK	135	69	23.98	24.00	24.08	25.5	0.0
100	PI/2 BPSK	135	138	24.07	24.10	24.07	25.5	0.0
100	PI/2 BPSK	270	0	24.04	23.97	23.92		
100	QPSK	1	1	23.59	23.54	23.54	25.5	0.0
100	QPSK	1	137	24.12	24.25	24.16		
100	QPSK	1	271	23.90	23.96	24.04		
100	QPSK	135	0	23.93	23.93	23.88	25.5	0.0
100	QPSK	135	69	24.11	24.21	24.19	25.5	0.0
100	QPSK	135	138	24.10	24.09	24.13	25.5	0.0
100	QPSK	270	0	24.09	24.19	24.13		
100	16QAM	1	1	23.71	23.76	23.77	25.5	0.0
100	64QAM	1	1	23.72	23.68	23.74	25.5	0.0
100	256QAM	1	1	23.56	23.52	23.53	25.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	23.83	24.16	23.92	25.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	23.88	24.11	23.83	25.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	23.82	24.09	23.81	25.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	23.76	24.13	23.98	25.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	23.86	24.11	24.05	25.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	23.86	24.23	23.89	25.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	23.64	24.08	23.96	25.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	23.86	24.10	23.98	25.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	23.86	24.05	23.99	25.5	0.0

PC3 n77_Ant5 DSI2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.06	20.07	20.11	22.0	0.0
100	PI/2 BPSK	1	137	21.09	21.08	20.94		
100	PI/2 BPSK	1	271	20.03	20.05	20.05		
100	PI/2 BPSK	135	0	20.98	21.01	20.83	22.0	0.0
100	PI/2 BPSK	135	69	21.19	21.19	21.09	22.0	0.0
100	PI/2 BPSK	135	138	20.93	21.14	21.02	22.0	0.0
100	PI/2 BPSK	270	0	20.93	21.06	20.93		
100	QPSK	1	1	20.16	20.15	20.14	22.0	0.0
100	QPSK	1	137	21.01	21.20	21.04		
100	QPSK	1	271	20.02	20.03	20.15		
100	QPSK	135	0	21.12	21.11	20.99	22.0	0.0
100	QPSK	135	69	20.99	21.19	20.97	22.0	0.0
100	QPSK	135	138	21.05	21.08	21.08	22.0	0.0
100	QPSK	270	0	20.93	21.00	20.96		
100	16QAM	1	1	21.01	21.04	20.86	22.0	0.0
100	64QAM	1	1	20.89	20.99	20.95	22.0	0.0
100	256QAM	1	1	19.39	19.61	19.59	20.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.83	21.05	21.03	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.02	21.03	21.04	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	20.94	21.00	21.05	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.02	21.15	20.99	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.90	21.00	20.90	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.92	21.00	21.01	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.87	21.11	20.97	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.87	21.09	20.95	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.98	21.03	20.93	22.0	0.0

Par27Q PC3 n77_Ant5 DSI2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.12		22.0	0.0
100	PI/2 BPSK	1	137		20.80			
100	PI/2 BPSK	1	271		20.06			
100	PI/2 BPSK	135	0		20.90		22.0	0.0
100	PI/2 BPSK	135	69		21.00		22.0	0.0
100	PI/2 BPSK	135	138		20.99		22.0	0.0
100	PI/2 BPSK	270	0		20.79			
100	QPSK	1	1		20.21		22.0	0.0
100	QPSK	1	137		21.07			
100	QPSK	1	271		20.12			
100	QPSK	135	0		20.98		22.0	0.0
100	QPSK	135	69		20.99		22.0	0.0
100	QPSK	135	138		20.92		22.0	0.0
100	QPSK	270	0		20.78			
100	16QAM	1	1		20.87		22.0	0.0
100	64QAM	1	1		20.81		22.0	0.0
100	256QAM	1	1		19.50		20.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	20.86	20.88	20.84	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.91	20.92	20.79	22.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	20.74	20.86	20.94	22.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	20.92	21.05	20.99	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.89	21.06	20.83	22.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	20.87	20.97	20.81	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.93	20.90	20.82	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.91	21.00	20.97	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.74	21.04	21.01	22.0	0.0

PC2 n77_Ant5 DSI2 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.03	23.14	23.01	25.0	0.0
100	PI/2 BPSK	1	137	24.10	24.10	23.98		
100	PI/2 BPSK	1	271	23.02	23.08	23.00		
100	PI/2 BPSK	135	0	23.59	23.61	23.58	24.5	0.5
100	PI/2 BPSK	135	69	23.88	24.07	24.00	25.0	0.0
100	PI/2 BPSK	135	138	23.31	23.53	23.31	24.5	0.5
100	PI/2 BPSK	270	0	23.51	23.58	23.45		
100	QPSK	1	1	23.02	23.10	23.08	25.0	0.0
100	QPSK	1	137	24.15	24.17	23.96		
100	QPSK	1	271	23.08	23.18	23.06		
100	QPSK	135	0	23.01	23.08	23.10	24.0	1.0
100	QPSK	135	69	24.06	24.11	23.97	25.0	0.0
100	QPSK	135	138	23.04	23.05	22.93	24.0	1.0
100	QPSK	270	0	22.89	23.06	22.87		
100	16QAM	1	1	22.84	23.01	22.97	24.0	1.0
100	64QAM	1	1	21.33	21.49	21.37	22.5	2.5
100	256QAM	1	1	19.47	19.50	19.34	20.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.13	24.16	23.74	25.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.07	24.13	23.91	25.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	23.96	24.14	23.82	25.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.16	24.09	23.77	25.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.07	24.06	23.75	25.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.03	24.00	23.80	25.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.09	23.96	23.76	25.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	23.96	24.14	23.85	25.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	24.01	24.00	23.94	25.0	0.0

Par27Q PC2 n77_Ant5 DSI2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.00		25.0	0.0
100	PI/2 BPSK	1	137		23.82			
100	PI/2 BPSK	1	271		23.02			
100	PI/2 BPSK	135	0		23.38		24.5	0.5
100	PI/2 BPSK	135	69		23.95		25.0	0.0
100	PI/2 BPSK	135	138		23.37		24.5	0.5
100	PI/2 BPSK	270	0		23.34			
100	QPSK	1	1		23.06		25.0	0.0
100	QPSK	1	137		23.99			
100	QPSK	1	271		23.03			
100	QPSK	135	0		22.77		24.0	1.0
100	QPSK	135	69		23.88		25.0	0.0
100	QPSK	135	138		22.81		24.0	1.0
100	QPSK	270	0		22.88			
100	16QAM	1	1		22.75		24.0	1.0
100	64QAM	1	1		21.40		22.5	2.5
100	256QAM	1	1		19.28		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	23.44	23.82	23.67	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	23.64	23.84	23.78	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	23.45	23.83	23.80	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	23.61	23.74	23.68	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	23.60	23.90	23.68	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	23.44	23.84	23.64	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	23.57	23.78	23.77	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	23.41	23.90	23.67	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	23.48	23.84	23.60	25.0	0.0

PC3 n78_Ant5 DSI2 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.06		22.0	0.0
100	PI/2 BPSK	1	137		21.24			
100	PI/2 BPSK	1	271		20.46			
100	PI/2 BPSK	135	0		21.02		22.0	0.0
100	PI/2 BPSK	135	69		21.11		22.0	0.0
100	PI/2 BPSK	135	138		21.22		22.0	0.0
100	PI/2 BPSK	270	0		21.12			
100	QPSK	1	1		20.11		22.0	0.0
100	QPSK	1	137		21.27			
100	QPSK	1	271		20.49			
100	QPSK	135	0		21.12		22.0	0.0
100	QPSK	135	69		21.26		22.0	0.0
100	QPSK	135	138		21.25		22.0	0.0
100	QPSK	270	0		21.20			
100	16QAM	1	1		21.05		22.0	0.0
100	64QAM	1	1		21.16		22.0	0.0
100	256QAM	1	1		19.77		20.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.13	21.17	21.07	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.14	21.12	21.01	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.14	21.26	21.16	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.12	21.22	21.10	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	20.97	21.19	20.99	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.10	21.21	21.06	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.99	21.12	21.10	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.08	21.26	21.20	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.02	21.16	20.99	22.0	0.0

Par27Q PC3 n78_Ant5 DSI2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.26		22.0	0.0
100	PI/2 BPSK	1	137		21.00			
100	PI/2 BPSK	1	271		20.32			
100	PI/2 BPSK	135	0		20.75		22.0	0.0
100	PI/2 BPSK	135	69		21.00		22.0	0.0
100	PI/2 BPSK	135	138		20.98		22.0	0.0
100	PI/2 BPSK	270	0		21.04			
100	QPSK	1	1		20.11		22.0	0.0
100	QPSK	1	137		21.19			
100	QPSK	1	271		20.21			
100	QPSK	135	0		20.90		22.0	0.0
100	QPSK	135	69		21.13		22.0	0.0
100	QPSK	135	138		21.12		22.0	0.0
100	QPSK	270	0		20.88			
100	16QAM	1	1		20.92		22.0	0.0
100	64QAM	1	1		20.86		22.0	0.0
100	256QAM	1	1		19.57		20.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.07	21.06	21.01	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.10	21.06	20.97	22.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	20.94	21.15	21.14	22.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.10	21.05	21.05	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.96	21.02	21.13	22.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.06	21.05	21.00	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.13	21.14	21.11	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.93	21.06	21.07	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.91	21.14	20.98	22.0	0.0

PC2 n78_Ant5 DSI2 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		23.02		25.0	0.0
100	PI/2 BPSK	1	137		24.10			
100	PI/2 BPSK	1	271		23.29			
100	PI/2 BPSK	135	0		23.45		24.5	0.5
100	PI/2 BPSK	135	69		24.10		25.0	0.0
100	PI/2 BPSK	135	138		23.49		24.5	0.5
100	PI/2 BPSK	270	0		23.51			
100	QPSK	1	1		23.02		25.0	0.0
100	QPSK	1	137		24.11			
100	QPSK	1	271		23.31			
100	QPSK	135	0		23.15		24.0	1.0
100	QPSK	135	69		24.01		25.0	0.0
100	QPSK	135	138		23.28		24.0	1.0
100	QPSK	270	0		23.22			
100	16QAM	1	1		23.12		24.0	1.0
100	64QAM	1	1		21.87		22.5	2.5
100	256QAM	1	1		19.71		20.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.00	23.90	23.84	25.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	23.85	24.04	23.98	25.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	23.95	23.91	24.02	25.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	23.79	24.01	23.91	25.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	23.78	23.92	23.88	25.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	23.86	24.07	23.92	25.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	23.92	23.97	23.99	25.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	23.98	23.97	23.96	25.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	23.91	24.03	23.87	25.0	0.0

Par27Q PC2 n78_Ant5 DSI2 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		23.21		25.0	0.0
100	PI/2 BPSK	1	137		23.83			
100	PI/2 BPSK	1	271		23.07			
100	PI/2 BPSK	135	0		23.10		24.5	0.5
100	PI/2 BPSK	135	69		23.86		25.0	0.0
100	PI/2 BPSK	135	138		23.09		24.5	0.5
100	PI/2 BPSK	270	0		23.31			
100	QPSK	1	1		23.03		25.0	0.0
100	QPSK	1	137		23.89			
100	QPSK	1	271		23.06			
100	QPSK	135	0		22.91		24.0	1.0
100	QPSK	135	69		23.61		25.0	0.0
100	QPSK	135	138		22.94		24.0	1.0
100	QPSK	270	0		22.95			
100	16QAM	1	1		22.83		24.0	1.0
100	64QAM	1	1		21.53		22.5	2.5
100	256QAM	1	1		19.33		20.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	23.65	23.79	23.86	25.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	23.61	23.82	23.83	25.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	23.64	23.77	23.68	25.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	23.55	23.80	23.86	25.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	23.55	23.74	23.76	25.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	23.60	23.86	23.68	25.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	23.71	23.68	23.82	25.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	23.64	23.74	23.70	25.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	23.74	23.71	23.76	25.0	0.0

PC3 n77_Ant8 DSI1&2&4 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.13	18.34	18.16	20.0	0.0
100	PI/2 BPSK	1	137	19.04	19.18	19.06		
100	PI/2 BPSK	1	271	18.06	18.03	18.11		
100	PI/2 BPSK	135	0	19.01	19.00	18.89	20.0	0.0
100	PI/2 BPSK	135	69	18.99	19.18	19.17	20.0	0.0
100	PI/2 BPSK	135	138	18.98	19.12	19.00	20.0	0.0
100	PI/2 BPSK	270	0	18.97	19.16	19.17		
100	QPSK	1	1	18.06	18.02	18.11	20.0	0.0
100	QPSK	1	137	19.14	19.19	19.18		
100	QPSK	1	271	18.06	18.02	18.03		
100	QPSK	135	0	18.96	19.02	19.04	20.0	0.0
100	QPSK	135	69	18.99	19.16	19.02	20.0	0.0
100	QPSK	135	138	18.86	19.03	18.92	20.0	0.0
100	QPSK	270	0	19.01	19.07	19.02		
100	16QAM	1	1	18.87	19.09	19.09	20.0	0.0
100	64QAM	1	1	19.08	19.18	19.09	20.0	0.0
100	256QAM	1	1	17.58	17.77	17.67	18.5	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.25	18.09	18.21	20.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.99	19.00	19.18	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	18.96	19.14	19.15	20.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	19.02	19.16	19.10	20.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	19.09	19.09	19.15	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	19.06	19.14	18.99	20.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	19.13	19.08	19.01	20.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	19.07	19.09	19.03	20.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.93	18.99	19.04	20.0	0.0

Par27Q PC3 n77_Ant8 DSI1&2&4 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.03		20.0	0.0
100	PI/2 BPSK	1	137		19.19			
100	PI/2 BPSK	1	271		18.21			
100	PI/2 BPSK	135	0		18.82		20.0	0.0
100	PI/2 BPSK	135	69		19.03		20.0	0.0
100	PI/2 BPSK	135	138		18.92		20.0	0.0
100	PI/2 BPSK	270	0		19.07			
100	QPSK	1	1		18.17		20.0	0.0
100	QPSK	1	137		19.20			
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.96		20.0	0.0
100	QPSK	135	69		19.09		20.0	0.0
100	QPSK	135	138		18.84		20.0	0.0
100	QPSK	270	0		19.02			
100	16QAM	1	1		19.08		20.0	0.0
100	64QAM	1	1		19.13		20.0	0.0
100	256QAM	1	1		17.68		18.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	19.00	19.02	18.96	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.04	19.00	19.03	20.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	19.10	19.00	19.04	20.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	19.04	19.05	18.97	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.99	19.05	19.12	20.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.93	19.00	18.95	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.93	19.18	19.04	20.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.90	19.12	19.04	20.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.02	19.01	19.07	20.0	0.0

PC2 n77_Ant8 DSI1&2&4 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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.05	21.12	21.13	23.0	0.0
100	PI/2 BPSK	1	137	22.09	22.11	22.07		
100	PI/2 BPSK	1	271	21.02	21.12	21.10		
100	PI/2 BPSK	135	0	21.56	21.60	21.44	22.5	0.5
100	PI/2 BPSK	135	69	21.87	22.08	21.95	23.0	0.0
100	PI/2 BPSK	135	138	21.54	21.58	21.41	22.5	0.5
100	PI/2 BPSK	270	0	21.34	21.54	21.34		
100	QPSK	1	1	21.01	21.11	21.03	23.0	0.0
100	QPSK	1	137	21.98	22.14	22.08		
100	QPSK	1	271	21.05	21.11	21.12		
100	QPSK	135	0	20.96	21.17	21.07	22.0	1.0
100	QPSK	135	69	21.86	22.03	21.93	23.0	0.0
100	QPSK	135	138	20.89	21.09	20.95	22.0	1.0
100	QPSK	270	0	21.00	21.15	21.12		
100	16QAM	1	1	20.99	21.06	20.89	22.0	1.0
100	64QAM	1	1	19.62	19.78	19.69	20.5	2.5
100	256QAM	1	1	17.70	17.73	17.71	18.5	4.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.99	21.96	21.94	23.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.81	22.02	21.86	23.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	21.92	22.03	21.98	23.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.76	22.13	21.96	23.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.96	22.04	21.88	23.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.99	21.94	21.99	23.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.86	21.93	22.04	23.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.95	21.95	21.91	23.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.89	22.00	21.88	23.0	0.0

Par27Q PC2 n77_Ant8 DSI1&2&4 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.05		23.0	0.0
100	PI/2 BPSK	1	137		22.06			
100	PI/2 BPSK	1	271		21.06			
100	PI/2 BPSK	135	0		21.42		22.5	0.5
100	PI/2 BPSK	135	69		21.88		23.0	0.0
100	PI/2 BPSK	135	138		21.41		22.5	0.5
100	PI/2 BPSK	270	0		21.50			
100	QPSK	1	1		21.05		23.0	0.0
100	QPSK	1	137		22.12			
100	QPSK	1	271		21.11			
100	QPSK	135	0		20.97		22.0	1.0
100	QPSK	135	69		21.96		23.0	0.0
100	QPSK	135	138		20.90		22.0	1.0
100	QPSK	270	0		21.07			
100	16QAM	1	1		20.94		22.0	1.0
100	64QAM	1	1		19.72		20.5	2.5
100	256QAM	1	1		17.72		18.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.04	22.08	21.84	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.02	22.05	22.00	23.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.89	22.08	21.84	23.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.87	21.90	22.01	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.98	22.03	21.84	23.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.94	22.08	21.87	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.01	21.97	22.01	23.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.90	21.93	21.90	23.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.84	22.03	22.02	23.0	0.0

PC3 n78_Ant8 DSI1&2&4 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		18.09		20.0	0.0
100	PI/2 BPSK	1	137		19.18			
100	PI/2 BPSK	1	271		18.27			
100	PI/2 BPSK	135	0		19.05		20.0	0.0
100	PI/2 BPSK	135	69		19.08		20.0	0.0
100	PI/2 BPSK	135	138		19.08		20.0	0.0
100	PI/2 BPSK	270	0		19.09			
100	QPSK	1	1		18.06		20.0	0.0
100	QPSK	1	137		19.19			
100	QPSK	1	271		18.28			
100	QPSK	135	0		19.06		20.0	0.0
100	QPSK	135	69		19.12		20.0	0.0
100	QPSK	135	138		19.11		20.0	0.0
100	QPSK	270	0		19.11			
100	16QAM	1	1		19.17		20.0	0.0
100	64QAM	1	1		19.11		20.0	0.0
100	256QAM	1	1		17.73		18.5	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.91	19.09	18.81	20.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.84	18.98	18.96	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.80	19.02	18.78	20.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.79	19.12	18.85	20.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.94	19.11	18.91	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	18.78	19.02	18.78	20.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	18.76	19.03	18.99	20.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	18.88	18.99	18.95	20.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.82	19.06	18.90	20.0	0.0

Par27Q PC3 n78_Ant8 DSI1&2&4 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		18.05		20.0	0.0
100	PI/2 BPSK	1	137		19.02			
100	PI/2 BPSK	1	271		18.17			
100	PI/2 BPSK	135	0		18.93		20.0	0.0
100	PI/2 BPSK	135	69		19.04		20.0	0.0
100	PI/2 BPSK	135	138		18.91		20.0	0.0
100	PI/2 BPSK	270	0		18.92			
100	QPSK	1	1		18.06		20.0	0.0
100	QPSK	1	137		19.17			
100	QPSK	1	271		18.15			
100	QPSK	135	0		18.98		20.0	0.0
100	QPSK	135	69		19.08		20.0	0.0
100	QPSK	135	138		18.97		20.0	0.0
100	QPSK	270	0		19.06			
100	16QAM	1	1		19.15		20.0	0.0
100	64QAM	1	1		18.93		20.0	0.0
100	256QAM	1	1		17.75		18.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	18.87	19.14	18.95	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	19.04	19.15	19.05	20.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	18.85	19.04	19.10	20.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	18.91	19.04	18.94	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	19.08	19.14	19.13	20.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.92	18.98	19.13	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	19.05	19.00	18.94	20.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	19.01	19.03	19.08	20.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	19.03	19.06	18.92	20.0	0.0

PC2 n78_Ant8 DSI1&2&4 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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.08		23.0	0.0
100	PI/2 BPSK	1	137		22.10			
100	PI/2 BPSK	1	271		21.11			
100	PI/2 BPSK	135	0		21.57		22.5	0.5
100	PI/2 BPSK	135	69		22.02		23.0	0.0
100	PI/2 BPSK	135	138		21.56		22.5	0.5
100	PI/2 BPSK	270	0		21.53			
100	QPSK	1	1		21.09		23.0	0.0
100	QPSK	1	137		22.11			
100	QPSK	1	271		21.16			
100	QPSK	135	0		21.06		22.0	1.0
100	QPSK	135	69		22.05		23.0	0.0
100	QPSK	135	138		21.09		22.0	1.0
100	QPSK	270	0		21.12			
100	16QAM	1	1		21.07		22.0	1.0
100	64QAM	1	1		19.74		20.5	2.5
100	256QAM	1	1		17.77		18.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.77	21.99	21.89	23.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.70	21.97	21.77	23.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.90	21.93	21.98	23.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.83	22.05	21.93	23.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.85	21.97	21.89	23.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.85	21.91	21.98	23.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.85	22.08	21.84	23.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.74	22.05	21.93	23.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.73	22.10	21.95	23.0	0.0

Par27Q PC2 n78_Ant8 DSI1&2&4 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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.08		23.0	0.0
100	PI/2 BPSK	1	137		21.90			
100	PI/2 BPSK	1	271		21.07			
100	PI/2 BPSK	135	0		21.48		22.5	0.5
100	PI/2 BPSK	135	69		21.80		23.0	0.0
100	PI/2 BPSK	135	138		21.55		22.5	0.5
100	PI/2 BPSK	270	0		21.40			
100	QPSK	1	1		21.14		23.0	0.0
100	QPSK	1	137		21.98			
100	QPSK	1	271		21.08			
100	QPSK	135	0		20.84		22.0	1.0
100	QPSK	135	69		21.95		23.0	0.0
100	QPSK	135	138		20.93		22.0	1.0
100	QPSK	270	0		20.99			
100	16QAM	1	1		20.91		22.0	1.0
100	64QAM	1	1		19.59		20.5	2.5
100	256QAM	1	1		17.78		18.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.83	21.85	21.80	23.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.79	21.96	21.69	23.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.85	21.91	21.75	23.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.91	21.94	21.74	23.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.92	21.91	21.90	23.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.85	21.92	21.70	23.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.80	21.92	21.87	23.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.85	21.80	21.86	23.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.81	21.84	21.77	23.0	0.0

Reduced power level for 5G NR
For DFT-15

n7_Ant0 DSI3 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.88	15.97	16.08	17.5	0.0
20	PI/2 BPSK	1	53	15.71	16.02	15.93		
20	PI/2 BPSK	1	104	15.74	15.98	16.02		
20	PI/2 BPSK	50	0	15.72	15.89	15.84	17.5	0.0
20	PI/2 BPSK	50	28	15.79	16.06	15.93	17.5	0.0
20	PI/2 BPSK	50	56	15.69	16.04	15.85	17.5	0.0
20	PI/2 BPSK	100	0	15.78	15.93	16.03		
20	QPSK	1	1	15.90	16.07	16.05	17.5	0.0
20	QPSK	1	53	15.96	16.11	16.03		
20	QPSK	1	104	15.84	16.07	16.02		
20	QPSK	50	0	15.78	15.97	15.81	17.5	0.0
20	QPSK	50	28	15.93	16.05	15.99	17.5	0.0
20	QPSK	50	56	15.74	16.01	15.93	17.5	0.0
20	QPSK	100	0	15.74	16.02	15.97		
20	16QAM	1	1	15.83	16.10	15.85	17.5	0.0
20	64QAM	1	1	15.72	15.98	15.82	17.5	0.0
20	256QAM	1	1	15.92	15.94	16.03	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	15.89	16.07	15.96	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	15.87	16.01	15.92	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	15.86	16.06	15.91	17.5	0.0

n7_Ant0 DSI3 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.82	12.96	13.00	14.5	0.0
20	PI/2 BPSK	1	53	12.63	12.91	12.79		
20	PI/2 BPSK	1	104	12.76	12.91	12.91		
20	PI/2 BPSK	50	0	12.73	12.96	12.86	14.5	0.0
20	PI/2 BPSK	50	28	13.01	12.96	12.98	14.5	0.0
20	PI/2 BPSK	50	56	12.63	13.01	12.94	14.5	0.0
20	PI/2 BPSK	100	0	12.94	12.92	13.11		
20	QPSK	1	1	12.89	13.19	13.12	14.5	0.0
20	QPSK	1	53	13.08	13.23	12.95		
20	QPSK	1	104	12.74	13.19	13.13		
20	QPSK	50	0	12.77	12.97	12.87	14.5	0.0
20	QPSK	50	28	12.98	13.09	13.03	14.5	0.0
20	QPSK	50	56	12.68	13.04	13.00	14.5	0.0
20	QPSK	100	0	12.76	13.15	13.01		
20	16QAM	1	1	12.83	13.15	12.88	14.5	0.0
20	64QAM	1	1	12.76	13.12	12.79	14.5	0.0
20	256QAM	1	1	12.75	12.93	13.06	14.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	12.96	13.13	12.84	14.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	12.98	13.10	12.88	14.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	12.92	13.05	12.81	14.5	0.0

n7_Ant0 DSI2 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.60	20.57	20.56	22.0	0.0
20	PI/2 BPSK	1	53	20.34	20.51	20.39		
20	PI/2 BPSK	1	104	20.49	20.45	20.82		
20	PI/2 BPSK	50	0	20.41	20.79	20.68	22.0	0.0
20	PI/2 BPSK	50	28	20.55	20.74	20.60	22.0	0.0
20	PI/2 BPSK	50	56	20.29	20.75	20.35	22.0	0.0
20	PI/2 BPSK	100	0	20.45	20.72	20.76		
20	QPSK	1	1	20.39	20.78	20.89	22.0	0.0
20	QPSK	1	53	20.61	20.94	20.65		
20	QPSK	1	104	20.32	21.01	20.69		
20	QPSK	50	0	20.42	20.68	20.49	22.0	0.0
20	QPSK	50	28	20.70	20.94	20.64	22.0	0.0
20	QPSK	50	56	20.38	20.61	20.92	22.0	0.0
20	QPSK	100	0	20.14	20.89	20.64		
20	16QAM	1	1	20.47	20.84	20.57	22.0	0.0
20	64QAM	1	1	19.77	19.88	19.86	21.0	1.0
20	256QAM	1	1	17.73	17.96	17.78	19.0	3.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.46	20.99	20.75	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.70	20.90	20.73	22.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	20.63	20.88	20.69	23.5	0.0

n7_Ant0 DSI2 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.74	17.54	17.64	19.0	0.0
20	PI/2 BPSK	1	53	17.43	17.60	17.48		
20	PI/2 BPSK	1	104	17.70	17.42	17.77		
20	PI/2 BPSK	50	0	17.56	17.60	17.44	19.0	0.0
20	PI/2 BPSK	50	28	17.40	17.83	17.42	19.0	0.0
20	PI/2 BPSK	50	56	17.36	17.79	17.48	19.0	0.0
20	PI/2 BPSK	100	0	17.67	17.70	17.70		
20	QPSK	1	1	17.61	17.74	17.86	19.0	0.0
20	QPSK	1	53	17.68	18.15	17.63		
20	QPSK	1	104	17.26	18.01	17.67		
20	QPSK	50	0	17.47	17.69	17.51	19.0	0.0
20	QPSK	50	28	17.72	17.92	17.57	19.0	0.0
20	QPSK	50	56	17.23	17.89	17.78	19.0	0.0
20	QPSK	100	0	17.21	17.95	17.57		
20	16QAM	1	1	17.62	17.73	17.46	19.0	0.0
20	64QAM	1	1	17.68	18.01	17.68	19.0	0.0
20	256QAM	1	1	17.62	18.00	17.63	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.29	17.86	17.27	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.35	17.74	17.25	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.41	17.94	17.26	20.5	0.0

n38_Ant0 DSI3 For SA

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	14.09	14.00	14.01	15.0	0.0
40	PI/2 BPSK	1	53	14.56	14.41	14.47		
40	PI/2 BPSK	1	104	13.98	13.89	13.91		
40	PI/2 BPSK	50	0	14.00	13.91	13.89	15.0	0.0
40	PI/2 BPSK	50	28	14.04	13.90	14.05	15.0	0.0
40	PI/2 BPSK	50	56	14.51	14.33	14.39	15.0	0.0
40	PI/2 BPSK	100	0	14.02	13.83	13.85		
40	QPSK	1	1	14.04	14.07	14.15	15.0	0.0
40	QPSK	1	53	14.39	14.57	14.40		
40	QPSK	1	104	14.02	13.98	14.09		
40	QPSK	50	0	13.92	14.09	13.88	15.0	0.0
40	QPSK	50	28	14.20	14.33	14.29	15.0	0.0
40	QPSK	50	56	14.00	13.88	13.99	15.0	0.0
40	QPSK	100	0	13.90	13.97	13.96		
40	16QAM	1	1	14.05	14.13	14.14	15.0	0.0
40	64QAM	1	1	14.15	14.41	14.22	15.0	0.0
40	256QAM	1	1	13.98	14.04	13.98	15.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	14.31	14.51	14.34	15.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	14.33	14.49	14.40	15.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	14.34	14.55	14.41	15.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	14.34	14.52	14.43	15.0	0.0

n38_Ant0 DSI3 For NSA

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	11.24	11.00	11.13	12.0	0.0
40	PI/2 BPSK	1	53	11.55	11.39	11.37		
40	PI/2 BPSK	1	104	10.96	10.85	10.86		
40	PI/2 BPSK	50	0	11.09	11.62	11.31	12.0	0.0
40	PI/2 BPSK	50	28	11.15	11.59	11.32	12.0	0.0
40	PI/2 BPSK	50	56	11.50	11.30	11.36	12.0	0.0
40	PI/2 BPSK	100	0	11.10	10.69	10.88		
40	QPSK	1	1	11.02	10.99	11.07	12.0	0.0
40	QPSK	1	53	11.26	11.63	11.32		
40	QPSK	1	104	11.09	11.50	11.29		
40	QPSK	50	0	11.02	10.82	10.89	12.0	0.0
40	QPSK	50	28	11.09	11.62	11.40	12.0	0.0
40	QPSK	50	56	11.18	11.53	11.33	12.0	0.0
40	QPSK	100	0	11.26	11.40	11.24		
40	16QAM	1	1	11.15	11.04	11.21	12.0	0.0
40	64QAM	1	1	11.25	11.35	11.11	12.0	0.0
40	256QAM	1	1	11.08	11.54	11.27	12.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	11.18	11.57	11.23	12.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	11.21	11.59	11.25	12.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	11.19	11.59	11.31	12.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	11.16	11.61	11.27	12.0	0.0

n41_Ant0 DSI3 For SA

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	16.21	16.32	16.24	18.0	0.0
50	PI/2 BPSK	1	135	16.22	16.65	16.13		
50	PI/2 BPSK	1	268	16.02	16.11	16.18		
50	PI/2 BPSK	135	0	16.16	16.25	16.29	18.0	0.0
50	PI/2 BPSK	135	68	16.26	16.43	16.34	18.0	0.0
50	PI/2 BPSK	135	135	16.10	16.35	16.11	18.0	0.0
50	PI/2 BPSK	270	0	16.42	16.25	16.38		
50	QPSK	1	1	16.05	16.10	16.11	18.0	0.0
50	QPSK	1	135	16.29	16.70	16.09		
50	QPSK	1	268	16.13	16.05	16.04		
50	QPSK	135	0	16.19	16.46	16.48	18.0	0.0
50	QPSK	135	68	16.18	16.56	16.04	18.0	0.0
50	QPSK	135	135	16.23	16.51	16.46	18.0	0.0
50	QPSK	270	0	16.15	16.68	16.06		
50	16QAM	1	1	16.26	16.30	16.51	18.0	0.0
50	64QAM	1	1	16.16	16.49	16.39	18.0	0.0
50	256QAM	1	1	16.41	16.24	16.30	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	16.21	16.65	15.90	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	16.14	16.51	16.10	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	53	16.28	16.52	15.93	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	16.07	16.61	16.05	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	16.19	16.71	15.88	18.0	0.0

n41_Ant0 DSI3 For NSA

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	13.56	13.66	13.62	15.5	0.0
50	PI/2 BPSK	1	135	13.63	14.05	13.78		
50	PI/2 BPSK	1	268	13.56	13.52	13.61		
50	PI/2 BPSK	135	0	13.69	14.03	13.80	15.5	0.0
50	PI/2 BPSK	135	68	13.87	13.91	13.85	15.5	0.0
50	PI/2 BPSK	135	135	13.80	13.89	13.85	15.5	0.0
50	PI/2 BPSK	270	0	14.01	14.01	13.87		
50	QPSK	1	1	13.51	13.55	13.63	15.5	0.0
50	QPSK	1	135	13.73	14.25	13.78		
50	QPSK	1	268	13.55	13.72	13.56		
50	QPSK	135	0	13.88	14.16	13.96	15.5	0.0
50	QPSK	135	68	13.80	14.23	13.66	15.5	0.0
50	QPSK	135	135	13.69	13.92	14.08	15.5	0.0
50	QPSK	270	0	13.86	14.15	13.77		
50	16QAM	1	1	13.89	13.77	14.07	15.5	0.0
50	64QAM	1	1	13.79	14.04	13.85	15.5	0.0
50	256QAM	1	1	14.10	13.90	13.85	15.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	13.68	14.23	13.57	15.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	13.52	14.16	13.57	15.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	53	13.57	14.05	13.80	15.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	13.54	14.08	13.65	15.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	13.68	14.23	13.61	15.5	0.0

n41_Ant0 DSI2 For SA

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	21.92	22.01	21.87	22.5	0.0
50	PI/2 BPSK	1	135	21.89	21.93	22.02		
50	PI/2 BPSK	1	268	21.81	21.90	21.54		
50	PI/2 BPSK	135	0	21.84	22.03	21.74	22.5	0.0
50	PI/2 BPSK	135	68	21.95	21.82	21.90	22.5	0.0
50	PI/2 BPSK	135	135	21.95	21.85	21.94	22.5	0.0
50	PI/2 BPSK	270	0	21.84	22.01	21.96		
50	QPSK	1	1	21.80	22.03	21.91	22.5	0.0
50	QPSK	1	135	21.75	22.19	21.59		
50	QPSK	1	268	21.76	21.80	21.82		
50	QPSK	135	0	21.88	21.87	21.61	22.5	0.0
50	QPSK	135	68	21.91	21.94	21.85	22.5	0.0
50	QPSK	135	135	21.74	21.87	21.90	22.5	0.0
50	QPSK	270	0	21.88	21.90	21.69		
50	16QAM	1	1	21.74	21.92	21.70	22.5	0.0
50	64QAM	1	1	21.77	21.79	21.67	22.5	0.0
50	256QAM	1	1	20.48	20.59	20.52	21.0	1.5
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	21.67	22.18	21.59	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	21.60	22.18	21.52	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2508.02	2592.99	2679.99		
20	QPSK	1	53	21.73	22.17	21.40	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	21.56	22.01	21.52	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	21.63	22.15	21.48	22.5	0.0

n66_Ant1 DSI3 For SA&NSA

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.08	21.91	21.84	23.5	0.0
40	PI/2 BPSK	1	108	22.31	22.25	22.18		
40	PI/2 BPSK	1	214	22.08	22.34	22.03		
40	PI/2 BPSK	108	0	21.86	21.86	22.06	23.5	0.0
40	PI/2 BPSK	108	54	21.95	21.80	21.84	23.5	0.0
40	PI/2 BPSK	108	108	22.29	22.39	22.14	23.5	0.0
40	PI/2 BPSK	216	0	22.06	22.25	22.01		
40	QPSK	1	1	21.99	21.82	21.68	23.5	0.0
40	QPSK	1	108	22.34	22.52	22.24		
40	QPSK	1	214	22.13	22.25	21.99		
40	QPSK	108	0	21.73	21.69	21.91	23.5	0.0
40	QPSK	108	54	22.05	22.39	21.89	23.5	0.0
40	QPSK	108	108	22.26	22.37	22.20	23.5	0.0
40	QPSK	216	0	21.90	22.31	21.92		
40	16QAM	1	1	21.94	21.84	22.05	23.5	0.0
40	64QAM	1	1	21.84	21.87	21.82	23.0	0.5
40	256QAM	1	1	19.88	19.95	19.65	21.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	22.24	22.38	22.13	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	22.29	22.33	22.15	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	22.23	22.30	22.10	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	22.26	22.37	22.18	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	22.22	22.37	22.13	23.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	22.12	22.12	22.12	23.5	0.0

n77_Ant1 DSI3 For SA&ENDC

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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	20.11	20.23	20.44	22.0	0.0
50	PI/2 BPSK	1	135	20.08	20.55	20.32		
50	PI/2 BPSK	1	268	20.20	20.48	20.64		
50	PI/2 BPSK	135	0	20.27	20.80	20.30	22.0	0.0
50	PI/2 BPSK	135	68	20.24	20.63	20.29	22.0	0.0
50	PI/2 BPSK	135	135	20.08	20.68	20.46	22.0	0.0
50	PI/2 BPSK	270	0	20.21	20.61	20.40		
50	QPSK	1	1	20.02	20.15	20.13	22.0	0.0
50	QPSK	1	135	20.28	20.83	20.51		
50	QPSK	1	268	20.17	20.12	20.34		
50	QPSK	135	0	20.16	20.72	20.53	22.0	0.0
50	QPSK	135	68	20.12	20.73	20.35	22.0	0.0
50	QPSK	135	135	20.34	20.54	20.51	22.0	0.0
50	QPSK	270	0	20.14	20.65	20.47		
50	16QAM	1	1	20.17	20.21	20.39	22.0	0.0
50	64QAM	1	1	20.03	20.26	20.35	22.0	0.0
50	256QAM	1	1	19.58	19.56	19.74	21.5	0.5
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
40	QPSK	1	53	20.35	20.51	20.36	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.34	20.68	20.43	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.27	20.54	20.37	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.13	20.58	20.32	22.0	0.0

Par27Q n77_Ant1 DSI3 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.10	20.11	20.07	22.0	0.0
50	PI/2 BPSK	1	135	20.60	20.61	20.58		
50	PI/2 BPSK	1	268	20.18	20.23	20.18		
50	PI/2 BPSK	135	0	20.44	20.48	20.44	22.0	0.0
50	PI/2 BPSK	135	68	20.35	20.39	20.36	22.0	0.0
50	PI/2 BPSK	135	135	20.27	20.32	20.31	22.0	0.0
50	PI/2 BPSK	270	0	20.64	20.67	20.64		
50	QPSK	1	1	20.22	20.23	20.22	22.0	0.0
50	QPSK	1	135	20.79	20.81	20.78		
50	QPSK	1	268	20.11	20.12	20.11		
50	QPSK	135	0	20.52	20.55	20.52	22.0	0.0
50	QPSK	135	68	20.68	20.71	20.66	22.0	0.0
50	QPSK	135	135	20.36	20.37	20.32	22.0	0.0
50	QPSK	270	0	20.45	20.51	20.49		
50	16QAM	1	1	20.06	20.11	20.06	22.0	0.0
50	64QAM	1	1	20.11	20.16	20.10	22.0	0.0
50	256QAM	1	1	19.51	19.56	19.54	21.5	0.5
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
40	QPSK	1	53	20.50	20.54	20.37	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.57	20.45	20.52	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.61	20.46	20.37	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.55	20.58	20.44	22.0	0.0

n78_Ant1 DSI3 For SA&ENDC

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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	20.16	20.23	20.14	22.0	0.0
50	PI/2 BPSK	1	135	20.46	20.64	20.47		
50	PI/2 BPSK	1	268	20.37	20.15	20.37		
50	PI/2 BPSK	135	0	20.73	20.62	20.71	22.0	0.0
50	PI/2 BPSK	135	68	20.56	20.51	20.56	22.0	0.0
50	PI/2 BPSK	135	135	20.62	20.39	20.61	22.0	0.0
50	PI/2 BPSK	270	0	20.52	20.53	20.53		
50	QPSK	1	1	20.04	20.26	20.07	22.0	0.0
50	QPSK	1	135	20.76	20.82	20.77		
50	QPSK	1	268	20.02	20.16	20.04		
50	QPSK	135	0	20.60	20.41	20.63	22.0	0.0
50	QPSK	135	68	20.45	20.66	20.65	22.0	0.0
50	QPSK	135	135	20.42	20.43	20.45	22.0	0.0
50	QPSK	270	0	20.56	20.57	20.51		
50	16QAM	1	1	20.09	20.25	20.12	22.0	0.0
50	64QAM	1	1	20.14	20.16	20.14	22.0	0.0
50	256QAM	1	1	19.47	19.67	19.46	21.5	0.5
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
40	QPSK	1	53	20.30	20.60	20.57	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.40	20.58	20.49	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.39	20.50	20.56	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.39	20.60	20.50	22.0	0.0

Par27Q n78_Ant1 DSI3 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.02	20.26	20.15	22.0	0.0
50	PI/2 BPSK	1	135	20.50	20.73	20.04		
50	PI/2 BPSK	1	268	20.12	20.14	20.38		
50	PI/2 BPSK	135	0	20.38	20.48	20.00	22.0	0.0
50	PI/2 BPSK	135	68	20.32	20.50	20.02	22.0	0.0
50	PI/2 BPSK	135	135	20.26	20.41	20.18	22.0	0.0
50	PI/2 BPSK	270	0	20.59	20.42	20.11		
50	QPSK	1	1	20.17	20.31	20.05	22.0	0.0
50	QPSK	1	135	20.71	20.77	20.21		
50	QPSK	1	268	20.05	20.52	20.08		
50	QPSK	135	0	20.48	20.50	20.25	22.0	0.0
50	QPSK	135	68	20.61	20.64	20.09	22.0	0.0
50	QPSK	135	135	20.26	20.62	20.20	22.0	0.0
50	QPSK	270	0	20.44	20.46	20.15		
50	16QAM	1	1	20.06	20.15	20.09	22.0	0.0
50	64QAM	1	1	20.09	20.26	20.06	22.0	0.0
50	256QAM	1	1	19.49	19.75	19.45	21.5	0.5
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
40	QPSK	1	53	20.68	20.59	20.49	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.59	20.61	20.42	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.59	20.66	20.48	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.74	20.67	20.43	22.0	0.0

n7_Ant2 DSI4 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.89	18.22	18.01	19.5	0.0
20	PI/2 BPSK	1	53	18.03	18.07	18.14		
20	PI/2 BPSK	1	104	18.06	18.08	17.97		
20	PI/2 BPSK	50	0	17.80	18.01	17.96	19.5	0.0
20	PI/2 BPSK	50	28	17.89	18.10	18.20	19.5	0.0
20	PI/2 BPSK	50	56	17.83	17.97	18.03	19.5	0.0
20	PI/2 BPSK	100	0	18.00	18.14	17.96		
20	QPSK	1	1	18.10	18.32	18.22	19.5	0.0
20	QPSK	1	53	17.94	18.38	17.87		
20	QPSK	1	104	17.88	18.21	18.00		
20	QPSK	50	0	17.92	18.17	18.07	19.5	0.0
20	QPSK	50	28	17.92	18.23	17.88	19.5	0.0
20	QPSK	50	56	17.93	18.00	17.96	19.5	0.0
20	QPSK	100	0	18.05	18.24	18.16		
20	16QAM	1	1	17.79	18.13	18.07	19.5	0.0
20	64QAM	1	1	18.19	18.19	18.06	19.5	0.0
20	256QAM	1	1	18.04	18.02	17.92	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.81	18.21	17.77	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.82	18.28	17.76	19.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.81	18.23	17.81	19.5	0.0

n7_Ant2 DSI4 For ENDC

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.02	15.19	15.12	16.5	0.0
20	PI/2 BPSK	1	53	15.24	15.10	15.21		
20	PI/2 BPSK	1	104	15.00	15.11	15.04		
20	PI/2 BPSK	50	0	14.81	15.13	14.91	16.5	0.0
20	PI/2 BPSK	50	28	14.84	15.15	15.17	16.5	0.0
20	PI/2 BPSK	50	56	14.87	14.92	14.99	16.5	0.0
20	PI/2 BPSK	100	0	14.95	15.10	14.91		
20	QPSK	1	1	15.14	15.31	15.17	16.5	0.0
20	QPSK	1	53	14.93	15.53	15.02		
20	QPSK	1	104	14.86	15.22	15.01		
20	QPSK	50	0	14.99	15.13	15.05	16.5	0.0
20	QPSK	50	28	14.95	15.15	14.90	16.5	0.0
20	QPSK	50	56	14.95	15.12	14.90	16.5	0.0
20	QPSK	100	0	15.05	15.24	15.11		
20	16QAM	1	1	14.86	15.10	15.23	16.5	0.0
20	64QAM	1	1	15.17	15.17	14.95	16.5	0.0
20	256QAM	1	1	15.17	15.16	15.03	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	14.84	15.43	14.92	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	14.81	15.43	14.91	16.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	14.80	15.26	14.90	16.5	0.0

n38_Ant2 DSI4 For SA

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	15.42	15.42	15.36	16.0	0.0
40	PI/2 BPSK	1	53	15.70	15.79	15.76		
40	PI/2 BPSK	1	104	15.35	15.31	15.23		
40	PI/2 BPSK	50	0	15.27	15.41	15.37	16.0	0.0
40	PI/2 BPSK	50	28	15.57	15.75	15.75	16.0	0.0
40	PI/2 BPSK	50	56	15.43	15.40	15.09	16.0	0.0
40	PI/2 BPSK	100	0	15.58	15.43	15.51		
40	QPSK	1	1	15.25	15.30	15.48	16.0	0.0
40	QPSK	1	53	15.78	15.86	15.70		
40	QPSK	1	104	15.55	15.69	15.28		
40	QPSK	50	0	15.69	15.75	15.74	16.0	0.0
40	QPSK	50	28	15.52	15.85	15.05	16.0	0.0
40	QPSK	50	56	15.37	15.38	15.31	16.0	0.0
40	QPSK	100	0	15.75	15.80	15.61		
40	16QAM	1	1	15.42	15.44	15.40	16.0	0.0
40	64QAM	1	1	15.78	15.69	15.61	16.0	0.0
40	256QAM	1	1	15.47	15.42	15.41	16.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	15.63	15.81	15.72	16.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	15.63	15.78	15.83	16.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	15.79	15.80	15.76	16.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	15.68	15.82	15.62	16.0	0.0

n38_Ant2 DSI4 For ENDC

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	12.40	12.39	12.23	13.0	0.0
40	PI/2 BPSK	1	53	12.76	12.94	12.74		
40	PI/2 BPSK	1	104	12.43	12.38	12.30		
40	PI/2 BPSK	50	0	12.34	12.45	12.24	13.0	0.0
40	PI/2 BPSK	50	28	12.59	12.75	12.68	13.0	0.0
40	PI/2 BPSK	50	56	12.25	12.35	12.20	13.0	0.0
40	PI/2 BPSK	100	0	12.57	12.44	12.36		
40	QPSK	1	1	12.28	12.50	12.60	13.0	0.0
40	QPSK	1	53	12.73	12.99	12.74		
40	QPSK	1	104	12.38	12.90	12.19		
40	QPSK	50	0	12.74	12.81	12.64	13.0	0.0
40	QPSK	50	28	12.46	12.92	12.10	13.0	0.0
40	QPSK	50	56	12.41	12.51	12.32	13.0	0.0
40	QPSK	100	0	12.71	12.88	12.73		
40	16QAM	1	1	12.42	12.49	12.36	13.0	0.0
40	64QAM	1	1	12.72	12.87	12.59	13.0	0.0
40	256QAM	1	1	12.38	12.34	12.33	13.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	12.62	12.90	12.67	13.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	12.63	12.89	12.65	13.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	12.63	12.90	12.65	13.0	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	12.56	12.82	12.69	13.0	0.0

n41_Ant2 DSI4 For SA&ENDC

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	18.53	18.51	18.61	20.5	0.0
50	PI/2 BPSK	1	135	18.86	18.87	18.92		
50	PI/2 BPSK	1	268	18.69	18.78	18.68		
50	PI/2 BPSK	135	0	18.62	18.86	18.74	20.5	0.0
50	PI/2 BPSK	135	68	18.82	19.02	19.00	20.5	0.0
50	PI/2 BPSK	135	135	19.05	19.15	19.06	20.5	0.0
50	PI/2 BPSK	270	0	18.93	18.74	18.91		
50	QPSK	1	1	18.50	19.21	18.58	20.5	0.0
50	QPSK	1	135	19.00	19.23	19.14		
50	QPSK	1	268	18.92	18.98	18.79		
50	QPSK	135	0	18.72	18.89	18.87	20.5	0.0
50	QPSK	135	68	19.00	19.18	19.06	20.5	0.0
50	QPSK	135	135	19.02	18.99	19.06	20.5	0.0
50	QPSK	270	0	19.04	19.14	19.08		
50	16QAM	1	1	18.90	18.97	18.98	20.5	0.0
50	64QAM	1	1	19.18	19.03	19.12	20.5	0.0
50	256QAM	1	1	18.85	18.78	19.00	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	19.07	19.07	19.22	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	19.18	19.04	19.12	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	19.13	19.04	19.16	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	19.21	19.12	19.22	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	19.11	19.17	19.14	20.5	0.0

n77_Ant3 DSI4 For SA&ENDC

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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	22.23	22.21	22.16	23.5	0.0
50	PI/2 BPSK	1	135	22.36	22.31	21.98		
50	PI/2 BPSK	1	268	22.11	22.47	21.98		
50	PI/2 BPSK	135	0	22.11	22.33	22.07	23.5	0.0
50	PI/2 BPSK	135	68	22.14	22.24	22.29	23.5	0.0
50	PI/2 BPSK	135	135	22.49	22.51	22.15	23.5	0.0
50	PI/2 BPSK	270	0	22.20	22.39	22.19		
50	QPSK	1	1	22.23	22.46	22.45	23.5	0.0
50	QPSK	1	135	22.54	22.55	22.06		
50	QPSK	1	268	22.28	22.47	22.14		
50	QPSK	135	0	22.19	22.31	22.03	23.5	0.0
50	QPSK	135	68	22.26	22.32	22.00	23.5	0.0
50	QPSK	135	135	22.17	22.28	22.20	23.5	0.0
50	QPSK	270	0	22.18	22.40	22.11		
50	16QAM	1	1	22.05	22.33	22.13	23.5	0.0
50	64QAM	1	1	22.01	22.08	21.80	23.0	0.5
50	256QAM	1	1	20.06	20.07	19.73	21.0	2.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.39	22.24	22.07	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.38	22.28	22.08	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.29	22.36	22.13	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.36	22.26	22.21	23.5	0.0

Par27Q n77_Ant3 DSI4 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.32	22.39	22.38	23.5	0.0
50	PI/2 BPSK	1	135	22.41	22.38	22.48		
50	PI/2 BPSK	1	268	22.38	22.46	22.46		
50	PI/2 BPSK	135	0	22.37	22.35	22.44	23.5	0.0
50	PI/2 BPSK	135	68	22.36	22.41	22.34	23.5	0.0
50	PI/2 BPSK	135	135	22.45	22.52	22.47	23.5	0.0
50	PI/2 BPSK	270	0	22.49	22.50	22.48		
50	QPSK	1	1	22.26	22.37	22.25	23.5	0.0
50	QPSK	1	135	22.52	22.52	22.54		
50	QPSK	1	268	22.52	22.49	22.53		
50	QPSK	135	0	22.30	22.19	22.16	23.5	0.0
50	QPSK	135	68	22.42	22.49	22.56	23.5	0.0
50	QPSK	135	135	22.24	22.19	22.19	23.5	0.0
50	QPSK	270	0	22.54	22.48	22.49		
50	16QAM	1	1	22.37	22.35	22.29	23.5	0.0
50	64QAM	1	1	22.19	22.20	22.14	23.0	0.5
50	256QAM	1	1	20.11	20.21	20.16	21.0	2.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.30	22.38	22.25	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.30	22.42	22.32	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.20	22.41	22.21	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.96		
10	QPSK	1	12	22.30	22.39	22.29	23.5	0.0

n77_Ant3 DSI1 For ENDC

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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	21.08	21.19	21.19	22.5	0.0
50	PI/2 BPSK	1	135	21.39	21.45	21.09		
50	PI/2 BPSK	1	268	21.25	21.49	20.90		
50	PI/2 BPSK	135	0	21.17	21.31	21.17	22.5	0.0
50	PI/2 BPSK	135	68	21.08	21.40	21.29	22.5	0.0
50	PI/2 BPSK	135	135	21.44	21.49	21.23	22.5	0.0
50	PI/2 BPSK	270	0	21.10	21.38	21.27		
50	QPSK	1	1	21.42	21.46	21.27	22.5	0.0
50	QPSK	1	135	21.41	21.53	21.13		
50	QPSK	1	268	21.32	21.51	21.34		
50	QPSK	135	0	21.18	21.36	21.04	22.5	0.0
50	QPSK	135	68	21.31	21.49	20.98	22.5	0.0
50	QPSK	135	135	21.38	21.31	21.10	22.5	0.0
50	QPSK	270	0	21.27	21.43	21.06		
50	16QAM	1	1	21.16	21.22	21.17	22.5	0.0
50	64QAM	1	1	20.95	21.16	20.78	22.5	0.0
50	256QAM	1	1	19.12	18.96	18.59	21.0	1.5
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.25	21.34	20.98	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.34	21.37	21.12	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.34	21.30	21.10	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.39	21.40	21.08	22.5	0.0

Par27Q n77_Ant3 DSI1 For ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	21.26	21.29	21.25	22.5	0.0
50	PI/2 BPSK	1	135	21.54	21.49	21.49		
50	PI/2 BPSK	1	268	21.35	21.45	21.37		
50	PI/2 BPSK	135	0	21.27	21.37	21.35	22.5	0.0
50	PI/2 BPSK	135	68	21.11	21.06	21.20	22.5	0.0
50	PI/2 BPSK	135	135	21.39	21.48	21.45	22.5	0.0
50	PI/2 BPSK	270	0	21.21	21.27	21.32		
50	QPSK	1	1	21.35	21.36	21.49	22.5	0.0
50	QPSK	1	135	21.54	21.57	21.69		
50	QPSK	1	268	21.41	21.40	21.42		
50	QPSK	135	0	21.38	21.38	21.28	22.5	0.0
50	QPSK	135	68	21.36	21.32	21.34	22.5	0.0
50	QPSK	135	135	21.25	21.36	21.34	22.5	0.0
50	QPSK	270	0	21.47	21.35	21.38		
50	16QAM	1	1	21.27	21.28	21.27	22.5	0.0
50	64QAM	1	1	21.58	21.66	21.55	22.5	0.0
50	256QAM	1	1	20.16	20.10	20.21	21.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.38	21.35	21.27	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.42	21.21	21.30	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.37	21.30	21.10	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.28	21.22	21.25	22.5	0.0

n78_Ant3 DSI4 For SA&ENDC

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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	22.03	22.18	22.05	23.5	22.5
50	PI/2 BPSK	1	135	22.23	22.10	22.19		
50	PI/2 BPSK	1	268	22.42	22.47	22.40		
50	PI/2 BPSK	135	0	22.12	22.20	22.24	23.5	0.0
50	PI/2 BPSK	135	68	22.26	22.18	22.22	23.5	22.5
50	PI/2 BPSK	135	135	22.16	22.30	22.24	23.5	0.0
50	PI/2 BPSK	270	0	22.37	22.36	22.23		
50	QPSK	1	1	22.23	22.19	22.26	23.5	0.0
50	QPSK	1	135	22.41	22.45	22.37		
50	QPSK	1	268	22.31	22.29	22.26		
50	QPSK	135	0	22.11	22.12	22.14	23.5	0.0
50	QPSK	135	68	22.30	22.34	22.41	23.5	0.0
50	QPSK	135	135	22.27	22.34	22.34	23.5	0.0
50	QPSK	270	0	22.34	22.28	22.30		
50	16QAM	1	1	22.35	22.44	22.46	23.5	0.0
50	64QAM	1	1	22.04	21.98	22.03	23.0	0.5
50	256QAM	1	1	19.97	19.92	20.00	21.0	2.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.36	22.26	22.17	23.5	22.5
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.35	22.32	22.23	23.5	22.5
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.31	22.35	22.28	23.5	22.5
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.36	22.36	22.19	23.5	22.5

Par27Q n78_Ant3 DSI4 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	22.09	22.08	22.16	23.5	0.0
50	PI/2 BPSK	1	135	22.10	22.04	22.07		
50	PI/2 BPSK	1	268	22.28	22.39	22.24		
50	PI/2 BPSK	135	0	22.21	22.19	22.15	23.5	0.0
50	PI/2 BPSK	135	68	22.04	22.01	22.06	23.5	0.0
50	PI/2 BPSK	135	135	22.22	22.23	22.14	23.5	0.0
50	PI/2 BPSK	270	0	22.14	22.17	22.09		
50	QPSK	1	1	22.36	22.24	22.36	23.5	0.0
50	QPSK	1	135	22.43	22.36	22.47		
50	QPSK	1	268	22.14	22.21	22.14		
50	QPSK	135	0	22.28	22.20	22.22	23.5	0.0
50	QPSK	135	68	22.29	22.34	22.27	23.5	0.0
50	QPSK	135	135	22.13	22.17	22.21	23.5	0.0
50	QPSK	270	0	22.19	22.19	22.27		
50	16QAM	1	1	22.20	22.29	22.30	23.5	0.0
50	64QAM	1	1	21.94	22.02	22.02	23.0	0.5
50	256QAM	1	1	19.52	19.65	19.54	21.0	2.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.27	22.28	22.12	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.22	22.25	22.11	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.22	22.32	22.16	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.12	22.32	22.12	23.5	0.0

n78_Ant3 DSI1 For ENDC

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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	21.20	21.14	21.16	22.5	0.0
50	PI/2 BPSK	1	135	21.16	21.17	21.08		
50	PI/2 BPSK	1	268	21.34	21.36	21.38		
50	PI/2 BPSK	135	0	21.23	21.18	21.23	22.5	0.0
50	PI/2 BPSK	135	68	21.11	21.05	21.06	22.5	0.0
50	PI/2 BPSK	135	135	21.25	21.21	21.22	22.5	0.0
50	PI/2 BPSK	270	0	21.19	21.06	21.15		
50	QPSK	1	1	21.36	21.31	21.25	22.5	0.0
50	QPSK	1	135	21.63	21.69	21.61		
50	QPSK	1	268	21.03	21.05	21.02		
50	QPSK	135	0	21.33	21.41	21.32	22.5	0.0
50	QPSK	135	68	21.54	21.49	21.59	22.5	0.0
50	QPSK	135	135	21.07	21.18	21.13	22.5	0.0
50	QPSK	270	0	21.40	21.34	21.37		
50	16QAM	1	1	21.28	21.21	21.16	22.5	0.0
50	64QAM	1	1	21.50	21.36	21.50	22.5	0.0
50	256QAM	1	1	19.64	19.63	19.69	21.0	1.5
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.26	21.19	21.31	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.27	21.29	21.33	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.14	21.20	21.33	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.19	21.31	21.21	22.5	0.0

Par27Q n78_Ant3 DSI1 For ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.91	20.89	21.00	22.5	0.0
50	PI/2 BPSK	1	135	21.15	21.09	21.19		
50	PI/2 BPSK	1	268	21.23	21.31	21.26		
50	PI/2 BPSK	135	0	21.06	21.10	21.20	22.5	0.0
50	PI/2 BPSK	135	68	21.11	21.10	21.08	22.5	0.0
50	PI/2 BPSK	135	135	21.19	21.30	21.31	22.5	0.0
50	PI/2 BPSK	270	0	21.14	21.14	21.21		
50	QPSK	1	1	21.39	21.35	21.33	22.5	0.0
50	QPSK	1	135	21.48	21.44	21.49		
50	QPSK	1	268	21.15	21.05	21.13		
50	QPSK	135	0	21.18	21.20	21.16	22.5	0.0
50	QPSK	135	68	21.34	21.21	21.23	22.5	0.0
50	QPSK	135	135	21.17	21.16	21.11	22.5	0.0
50	QPSK	270	0	21.49	21.44	21.47		
50	16QAM	1	1	21.40	21.41	21.39	22.5	0.0
50	64QAM	1	1	21.36	21.36	21.37	22.5	0.0
50	256QAM	1	1	19.63	19.53	19.60	21.0	1.5
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.23	21.33	21.12	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.12	21.35	21.13	22.5	0.0
Channel				630000	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.13	21.34	21.11	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.20	21.27	21.09	22.5	0.0

n7_Ant4 DSI4 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	19.22	19.58	19.57	21.0	0.0
20	PI/2 BPSK	1	26	19.53	19.63	19.42		
20	PI/2 BPSK	1	49	19.33	19.54	19.30		
20	PI/2 BPSK	25	0	19.49	19.62	19.29	21.0	0.0
20	PI/2 BPSK	25	13	19.52	19.70	19.68	21.0	0.0
20	PI/2 BPSK	25	26	19.18	19.53	19.48	21.0	0.0
20	PI/2 BPSK	50	0	19.37	19.48	19.42		
20	QPSK	1	1	19.44	19.59	19.70	21.0	0.0
20	QPSK	1	26	19.58	19.87	19.45		
20	QPSK	1	49	19.36	19.56	19.15		
20	QPSK	25	0	19.32	19.29	19.40	21.0	0.0
20	QPSK	25	13	19.33	19.70	19.45	21.0	0.0
20	QPSK	25	26	19.43	19.50	19.38	21.0	0.0
20	QPSK	50	0	19.27	19.79	19.36		
20	16QAM	1	1	19.54	19.23	19.51	21.0	0.0
20	64QAM	1	1	19.51	19.72	19.36	21.0	0.0
20	256QAM	1	1	17.90	18.39	18.02	19.5	1.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	19	19.51	19.71	19.50	21.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	12	19.65	19.72	19.43	21.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	19.43	19.70	19.53	21.0	0.0

n7_Ant4 DSI1 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	17.57	17.68	17.53	19.0	0.0
20	PI/2 BPSK	1	53	17.63	17.72	17.68		
20	PI/2 BPSK	1	104	17.58	17.78	17.53		
20	PI/2 BPSK	50	0	17.75	17.79	17.57	19.0	0.0
20	PI/2 BPSK	50	28	17.60	17.74	17.80	19.0	0.0
20	PI/2 BPSK	50	56	17.42	17.75	17.73	19.0	0.0
20	PI/2 BPSK	100	0	17.64	17.65	17.64		
20	QPSK	1	1	17.71	17.70	17.63	19.0	0.0
20	QPSK	1	53	17.74	17.81	17.75		
20	QPSK	1	104	17.57	17.72	17.44		
20	QPSK	50	0	17.63	17.68	17.54	19.0	0.0
20	QPSK	50	28	17.66	17.79	17.76	19.0	0.0
20	QPSK	50	56	17.49	17.76	17.53	19.0	0.0
20	QPSK	100	0	17.68	17.72	17.50		
20	16QAM	1	1	17.76	17.58	17.70	19.0	0.0
20	64QAM	1	1	17.71	17.79	17.54	19.0	0.0
20	256QAM	1	1	17.66	17.79	17.74	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	19	17.62	17.68	17.61	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	12	17.60	17.66	17.60	19.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	17.53	17.56	17.66	19.0	0.0

n7_Ant4 DSI4 For ENDC

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.33	16.58	16.33	18.0	0.0
20	PI/2 BPSK	1	53	16.52	16.47	16.41		
20	PI/2 BPSK	1	104	16.41	16.51	16.26		
20	PI/2 BPSK	50	0	16.50	16.68	16.43	18.0	0.0
20	PI/2 BPSK	50	28	16.46	16.61	16.70	18.0	0.0
20	PI/2 BPSK	50	56	16.15	16.52	16.51	18.0	0.0
20	PI/2 BPSK	100	0	16.41	16.51	16.43		
20	QPSK	1	1	16.43	16.53	16.55	18.0	0.0
20	QPSK	1	53	16.49	16.74	16.58		
20	QPSK	1	104	16.37	16.58	16.23		
20	QPSK	50	0	16.41	16.40	16.40	18.0	0.0
20	QPSK	50	28	16.53	16.69	16.49	18.0	0.0
20	QPSK	50	56	16.43	16.56	16.21	18.0	0.0
20	QPSK	100	0	16.42	16.67	16.32		
20	16QAM	1	1	16.62	16.33	16.59	18.0	0.0
20	64QAM	1	1	16.58	16.58	16.36	18.0	0.0
20	256QAM	1	1	16.48	16.60	16.49	18.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	16.36	16.63	16.47	18.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	16.40	16.64	16.48	18.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	16.43	16.64	16.58	18.0	0.0

n7_Ant4 DSI1 For ENDC

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.41	14.35	14.28	16.0	0.0
20	PI/2 BPSK	1	53	14.35	14.40	14.40		
20	PI/2 BPSK	1	104	14.13	14.60	14.48		
20	PI/2 BPSK	50	0	14.42	14.58	14.21	16.0	0.0
20	PI/2 BPSK	50	28	14.44	14.51	14.30	16.0	0.0
20	PI/2 BPSK	50	56	14.21	14.71	14.67	16.0	0.0
20	PI/2 BPSK	100	0	14.27	14.55	14.53		
20	QPSK	1	1	14.39	14.47	14.50	16.0	0.0
20	QPSK	1	53	14.48	14.73	14.40		
20	QPSK	1	104	14.21	14.44	14.09		
20	QPSK	50	0	14.36	14.53	14.28	16.0	0.0
20	QPSK	50	28	14.38	14.46	14.42	16.0	0.0
20	QPSK	50	56	14.24	14.44	14.24	16.0	0.0
20	QPSK	100	0	14.24	14.45	14.40		
20	16QAM	1	1	14.44	14.44	14.27	16.0	0.0
20	64QAM	1	1	14.50	14.53	14.31	16.0	0.0
20	256QAM	1	1	14.52	14.47	14.51	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	14.46	14.52	14.37	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	14.30	14.68	14.28	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	14.28	14.61	14.23	16.0	0.0

n7_Ant4 DSI2 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.48	21.67	21.32	23.0	0.0
20	PI/2 BPSK	1	53	21.56	21.59	21.44		
20	PI/2 BPSK	1	104	21.43	21.65	21.43		
20	PI/2 BPSK	50	0	21.39	21.38	21.41	23.0	0.0
20	PI/2 BPSK	50	28	21.47	21.65	21.48	23.0	0.0
20	PI/2 BPSK	50	56	21.50	21.54	21.65	23.0	0.0
20	PI/2 BPSK	100	0	21.65	21.61	21.44		
20	QPSK	1	1	21.16	21.64	21.48	23.0	0.0
20	QPSK	1	53	21.38	21.71	21.45		
20	QPSK	1	104	21.65	21.75	21.73		
20	QPSK	50	0	21.42	21.42	21.36	23.0	0.0
20	QPSK	50	28	21.56	21.65	21.60	23.0	0.0
20	QPSK	50	56	21.63	21.63	21.56	23.0	0.0
20	QPSK	100	0	21.46	21.66	21.58		
20	16QAM	1	1	21.56	21.62	21.50	23.0	0.0
20	64QAM	1	1	19.95	20.09	19.95	21.5	1.5
20	256QAM	1	1	18.87	18.96	18.89	19.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	21.58	21.72	21.35	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	21.52	21.71	21.29	23.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	21.35	21.59	21.41	16.0	0.0

n66_Ant4 DSI1 For SA

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.49	18.54	18.54	20.0	0.0
40	PI/2 BPSK	1	108	18.26	18.68	18.57		
40	PI/2 BPSK	1	214	18.36	18.56	18.31		
40	PI/2 BPSK	108	0	18.29	18.63	18.39	20.0	0.0
40	PI/2 BPSK	108	54	18.40	18.64	18.46	20.0	0.0
40	PI/2 BPSK	108	108	18.21	18.54	18.36	20.0	0.0
40	PI/2 BPSK	216	0	18.32	18.73	18.39		
40	QPSK	1	1	18.41	18.58	18.49	20.0	0.0
40	QPSK	1	108	18.45	18.76	18.52		
40	QPSK	1	214	18.41	18.64	18.37		
40	QPSK	108	0	18.13	18.54	18.28	20.0	0.0
40	QPSK	108	54	18.40	18.72	18.38	20.0	0.0
40	QPSK	108	108	18.22	18.61	18.44	20.0	0.0
40	QPSK	216	0	18.34	18.57	18.45		
40	16QAM	1	1	18.37	18.47	18.41	20.0	0.0
40	64QAM	1	1	18.46	18.44	18.45	20.0	0.0
40	256QAM	1	1	18.22	18.51	18.36	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	18.32	18.73	18.40	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	18.31	18.67	18.44	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	18.37	18.74	18.43	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	18.32	18.72	18.31	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	18.39	18.64	18.52	20.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	18.40	18.61	18.39	20.0	0.0

n66_Ant4 DSI1 For ENDC

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.40	15.59	15.47	17.0	0.0
40	PI/2 BPSK	1	108	15.14	15.51	15.44		
40	PI/2 BPSK	1	214	15.33	15.56	15.25		
40	PI/2 BPSK	108	0	15.21	15.53	15.29	17.0	0.0
40	PI/2 BPSK	108	54	15.42	15.59	15.33	17.0	0.0
40	PI/2 BPSK	108	108	15.14	15.53	15.25	17.0	0.0
40	PI/2 BPSK	216	0	15.45	15.56	15.60		
40	QPSK	1	1	15.53	15.50	15.38	17.0	0.0
40	QPSK	1	108	15.41	15.70	15.46		
40	QPSK	1	214	15.29	15.51	15.27		
40	QPSK	108	0	15.39	15.63	15.56	17.0	0.0
40	QPSK	108	54	15.26	15.67	15.39	17.0	0.0
40	QPSK	108	108	15.26	15.57	15.36	17.0	0.0
40	QPSK	216	0	15.45	15.62	15.46		
40	16QAM	1	1	15.10	15.36	15.44	17.0	0.0
40	64QAM	1	1	15.27	15.51	15.52	17.0	0.0
40	256QAM	1	1	15.19	15.38	15.46	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	15.49	15.65	15.48	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	15.46	15.48	15.55	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	15.40	15.62	15.52	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	15.41	15.62	15.52	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	15.31	15.52	15.64	17.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	15.32	15.59	15.61	17.0	0.0

n66_Ant4 DSI4 For ENDC

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.12	19.50	19.31	21.0	0.0
40	PI/2 BPSK	1	108	19.10	19.33	19.57		
40	PI/2 BPSK	1	214	19.33	19.57	19.34		
40	PI/2 BPSK	108	0	19.19	19.31	19.29	21.0	0.0
40	PI/2 BPSK	108	54	19.23	19.63	19.17	21.0	0.0
40	PI/2 BPSK	108	108	19.05	19.50	19.44	21.0	0.0
40	PI/2 BPSK	216	0	19.13	19.52	19.25		
40	QPSK	1	1	19.26	19.34	19.34	21.0	0.0
40	QPSK	1	108	19.24	19.69	19.36		
40	QPSK	1	214	19.13	19.34	19.23		
40	QPSK	108	0	19.19	19.32	19.49	21.0	0.0
40	QPSK	108	54	19.27	19.68	19.20	21.0	0.0
40	QPSK	108	108	19.36	19.39	19.36	21.0	0.0
40	QPSK	216	0	19.23	19.45	19.41		
40	16QAM	1	1	19.19	19.34	19.25	21.0	0.0
40	64QAM	1	1	19.41	19.55	19.17	21.0	0.0
40	256QAM	1	1	17.71	18.32	17.61	19.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	80	19.03	19.62	19.39	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	PI/2 BPSK	1	67	19.15	19.57	19.30	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	53	19.22	19.66	19.24	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	40	19.10	19.67	19.29	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	19.08	19.59	19.31	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	13	19.11	19.61	19.26	21.0	0.0

n38_Ant4 DSI1&4 For SA

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	18.53	18.55	18.52	20.5	0.0
40	PI/2 BPSK	1	53	18.78	18.51	18.77		
40	PI/2 BPSK	1	104	18.65	18.46	18.56		
40	PI/2 BPSK	50	0	18.62	18.58	18.61	20.5	0.0
40	PI/2 BPSK	50	28	18.63	18.75	18.52	20.5	0.0
40	PI/2 BPSK	50	56	18.66	18.51	18.51	20.5	0.0
40	PI/2 BPSK	100	0	18.56	18.54	18.73		
40	QPSK	1	1	18.52	18.72	18.53	20.5	0.0
40	QPSK	1	53	18.56	18.80	18.53		
40	QPSK	1	104	18.52	18.56	18.69		
40	QPSK	50	0	18.52	18.70	18.52	20.5	0.0
40	QPSK	50	28	18.57	18.78	18.56	20.5	0.0
40	QPSK	50	56	18.56	18.50	18.53	20.5	0.0
40	QPSK	100	0	18.58	18.69	18.67		
40	16QAM	1	1	18.56	18.72	18.59	20.5	0.0
40	64QAM	1	1	18.53	18.74	18.52	20.5	0.0
40	256QAM	1	1	18.59	18.71	18.50	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	18.59	18.69	18.61	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	18.53	18.64	18.55	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	18.56	18.78	18.69	20.5	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	18.61	18.82	18.61	20.5	0.0

n38_Ant4 DSI1&4 For ENDC

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	15.53	15.62	15.56	17.5	0.0
40	PI/2 BPSK	1	53	15.63	15.53	15.72		
40	PI/2 BPSK	1	104	15.56	15.56	15.54		
40	PI/2 BPSK	50	0	15.71	15.62	15.52	17.5	0.0
40	PI/2 BPSK	50	28	15.50	15.54	15.69	17.5	0.0
40	PI/2 BPSK	50	56	15.56	15.63	15.52	17.5	0.0
40	PI/2 BPSK	100	0	15.63	15.53	15.58		
40	QPSK	1	1	15.58	15.52	15.61	17.5	0.0
40	QPSK	1	53	15.51	15.76	15.53		
40	QPSK	1	104	15.63	15.52	15.61		
40	QPSK	50	0	15.56	15.58	15.56	17.5	0.0
40	QPSK	50	28	15.63	15.73	15.57	17.5	0.0
40	QPSK	50	56	15.53	15.51	15.52	17.5	0.0
40	QPSK	100	0	15.51	15.60	15.51		
40	16QAM	1	1	15.58	15.58	15.58	17.5	0.0
40	64QAM	1	1	15.65	15.51	15.68	17.5	0.0
40	256QAM	1	1	15.73	15.53	15.63	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	53	15.63	15.63	14.65	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	40	15.52	15.61	15.64	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	26	15.71	15.56	15.66	17.5	0.0
Channel				514506	519000	523494	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.53	2595	2617.47		
5	QPSK	1	13	15.64	15.63	15.75	17.5	0.0

n41_Ant4 DSI1 For SA

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	20.53	20.56	20.52	22.5	0.0
50	PI/2 BPSK	1	135	21.13	21.26	21.10		
50	PI/2 BPSK	1	268	20.56	20.76	20.53		
50	PI/2 BPSK	135	0	20.93	21.06	21.02	22.5	0.0
50	PI/2 BPSK	135	68	21.08	21.11	21.13	22.5	0.0
50	PI/2 BPSK	135	135	21.12	21.21	21.23	22.5	0.0
50	PI/2 BPSK	270	0	21.30	21.00	20.97		
50	QPSK	1	1	20.64	20.63	20.67	22.5	0.0
50	QPSK	1	135	21.19	21.47	21.36		
50	QPSK	1	268	20.61	20.56	20.63		
50	QPSK	135	0	21.21	21.21	21.27	22.5	0.0
50	QPSK	135	68	21.14	21.39	21.36	22.5	0.0
50	QPSK	135	135	21.30	21.21	21.13	22.5	0.0
50	QPSK	270	0	21.05	21.38	21.36		
50	16QAM	1	1	20.53	20.62	20.59	22.5	0.0
50	64QAM	1	1	20.58	20.63	20.63	22.5	0.0
50	256QAM	1	1	20.60	20.56	20.58	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	21.37	21.28	21.40	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	21.42	21.33	21.42	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	21.27	21.21	21.32	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	21.24	21.37	21.32	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	21.30	21.31	21.29	22.5	0.0

n41_Ant4 DSI1 For ENDC

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	17.56	17.64	17.52	19.5	0.0
50	PI/2 BPSK	1	135	18.19	18.13	17.85		
50	PI/2 BPSK	1	268	17.63	17.63	17.63		
50	PI/2 BPSK	135	0	17.93	18.01	17.93	19.5	0.0
50	PI/2 BPSK	135	68	18.17	18.16	18.11	19.5	0.0
50	PI/2 BPSK	135	135	18.14	18.24	18.22	19.5	0.0
50	PI/2 BPSK	270	0	18.34	17.97	17.96		
50	QPSK	1	1	17.61	17.63	17.63	19.5	0.0
50	QPSK	1	135	18.09	18.46	18.25		
50	QPSK	1	268	17.56	17.63	17.59		
50	QPSK	135	0	18.19	18.29	18.34	19.5	0.0
50	QPSK	135	68	18.23	18.44	18.20	19.5	0.0
50	QPSK	135	135	18.21	18.20	18.20	19.5	0.0
50	QPSK	270	0	18.13	18.42	18.23		
50	16QAM	1	1	17.69	17.63	17.63	19.5	0.0
50	64QAM	1	1	17.69	17.82	17.59	19.5	0.0
50	256QAM	1	1	17.63	17.59	17.63	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	18.05	18.36	18.41	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	18.21	18.39	18.36	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	53	18.23	18.40	18.33	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	18.01	18.40	18.33	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	18.12	18.52	18.29	19.5	0.0

n41_Ant4 DSI4 For SA&ENDC

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				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	1	18.63	18.57	18.76	20.5	0.0
50	PI/2 BPSK	1	135	19.14	19.18	18.83		
50	PI/2 BPSK	1	268	18.56	18.63	18.96		
50	PI/2 BPSK	135	0	18.83	19.01	19.03	20.5	0.0
50	PI/2 BPSK	135	68	19.21	19.23	18.92	20.5	0.0
50	PI/2 BPSK	135	135	19.08	19.23	19.18	20.5	0.0
50	PI/2 BPSK	270	0	19.32	18.84	18.94		
50	QPSK	1	1	18.56	18.56	18.69	20.5	0.0
50	QPSK	1	135	19.02	19.57	19.26		
50	QPSK	1	268	18.69	18.53	18.67		
50	QPSK	135	0	19.20	19.27	19.26	20.5	0.0
50	QPSK	135	68	19.18	19.29	19.22	20.5	0.0
50	QPSK	135	135	19.16	19.26	19.28	20.5	0.0
50	QPSK	270	0	19.10	19.28	19.25		
50	16QAM	1	1	18.63	18.69	18.56	20.5	0.0
50	64QAM	1	1	18.63	18.63	18.59	20.5	0.0
50	256QAM	1	1	18.64	18.56	18.69	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	108	19.10	19.35	19.19	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	80	19.20	19.36	19.30	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	53	19.17	19.44	19.35	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	40	19.17	19.43	19.38	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	26	19.11	19.49	19.33	20.5	0.0

n77_Ant5 DSI1 For SA/DSI 4 For SA&ENDC

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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	18.05	18.16	17.66	19.0	0.0
50	PI/2 BPSK	1	135	18.12	18.09	17.74		
50	PI/2 BPSK	1	268	18.11	18.08	17.87		
50	PI/2 BPSK	135	0	17.91	18.14	17.84	19.0	0.0
50	PI/2 BPSK	135	68	17.98	17.80	17.83	19.0	0.0
50	PI/2 BPSK	135	135	18.01	18.15	17.91	19.0	0.0
50	PI/2 BPSK	270	0	18.06	18.02	17.96		
50	QPSK	1	1	18.08	18.07	17.99	19.0	0.0
50	QPSK	1	135	17.96	18.26	17.93		
50	QPSK	1	268	18.10	18.09	17.96		
50	QPSK	135	0	18.13	17.97	17.77	19.0	0.0
50	QPSK	135	68	17.95	18.21	17.88	19.0	0.0
50	QPSK	135	135	17.90	17.84	17.90	19.0	0.0
50	QPSK	270	0	17.92	17.97	17.65		
50	16QAM	1	1	17.93	18.07	17.83	19.0	0.0
50	64QAM	1	1	18.06	18.10	17.76	19.0	0.0
50	256QAM	1	1	17.89	18.22	17.85	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	17.90	18.08	17.84	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.97	18.22	17.86	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	17.92	18.17	17.90	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	17.91	18.19	17.78	19.0	0.0

par27Q n77_Ant5 DSI1 For SA/DSI 4 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.00	18.04	17.93	19.0	0.0
50	PI/2 BPSK	1	135	17.95	17.95	17.90		
50	PI/2 BPSK	1	268	17.88	17.88	17.91		
50	PI/2 BPSK	135	0	17.96	17.93	18.00	19.0	0.0
50	PI/2 BPSK	135	68	17.97	18.04	17.96	19.0	0.0
50	PI/2 BPSK	135	135	18.14	18.00	18.07	19.0	0.0
50	PI/2 BPSK	270	0	18.04	18.03	17.97		
50	QPSK	1	1	18.18	18.12	18.18	19.0	0.0
50	QPSK	1	135	18.23	18.27	18.26		
50	QPSK	1	268	17.87	17.93	17.87		
50	QPSK	135	0	18.08	18.07	18.09	19.0	0.0
50	QPSK	135	68	18.20	18.24	18.15	19.0	0.0
50	QPSK	135	135	18.03	18.05	17.96	19.0	0.0
50	QPSK	270	0	17.98	18.03	18.00		
50	16QAM	1	1	18.07	18.07	18.19	19.0	0.0
50	64QAM	1	1	18.01	17.99	17.91	19.0	0.0
50	256QAM	1	1	18.04	18.16	18.12	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.13	18.04	17.97	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.07	18.08	18.11	19.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.04	17.97	18.08	19.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	17.97	18.08	18.08	19.0	0.0

n77_Ant5 DSI1 For ENDC

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				648334	656000	663668		
Frequency (MHz)				3725.01	3840	3955.02		
50	PI/2 BPSK	1	1	14.87	15.13	14.93	16.0	0.0
50	PI/2 BPSK	1	135	14.98	14.91	14.81		
50	PI/2 BPSK	1	268	15.04	14.98	14.85		
50	PI/2 BPSK	135	0	14.99	15.01	14.98	16.0	0.0
50	PI/2 BPSK	135	68	14.86	14.78	14.66	16.0	0.0
50	PI/2 BPSK	135	135	14.97	15.09	15.09	16.0	0.0
50	PI/2 BPSK	270	0	15.08	14.92	14.88		
50	QPSK	1	1	14.78	15.13	15.04	16.0	0.0
50	QPSK	1	135	14.82	15.15	14.89		
50	QPSK	1	268	15.05	15.04	14.84		
50	QPSK	135	0	14.91	14.85	14.84	16.0	0.0
50	QPSK	135	68	15.05	15.09	14.95	16.0	0.0
50	QPSK	135	135	14.93	14.95	14.96	16.0	0.0
50	QPSK	270	0	14.86	15.04	14.99		
50	16QAM	1	1	14.88	15.00	14.97	16.0	0.0
50	64QAM	1	1	14.96	14.84	14.76	16.0	0.0
50	256QAM	1	1	14.89	15.05	14.85	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	14.72	15.06	14.77	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	14.75	14.95	14.75	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	14.72	15.07	14.81	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	14.63	15.01	14.69	16.0	0.0

n77_Ant5 DSI1 For ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.87	14.86	14.95	16.0	0.0
50	PI/2 BPSK	1	135	15.02	15.03	14.99		
50	PI/2 BPSK	1	268	14.95	14.94	15.05		
50	PI/2 BPSK	135	0	14.84	14.87	14.89	16.0	0.0
50	PI/2 BPSK	135	68	14.89	14.87	14.84	16.0	0.0
50	PI/2 BPSK	135	135	14.97	14.98	15.10	16.0	0.0
50	PI/2 BPSK	270	0	15.02	14.98	15.00		
50	QPSK	1	1	14.98	15.02	15.01	16.0	0.0
50	QPSK	1	135	15.17	15.21	15.12		
50	QPSK	1	268	15.18	15.17	15.16		
50	QPSK	135	0	14.95	14.96	14.93	16.0	0.0
50	QPSK	135	68	14.86	14.90	14.84	16.0	0.0
50	QPSK	135	135	14.77	14.81	14.75	16.0	0.0
50	QPSK	270	0	15.00	15.04	15.01		
50	16QAM	1	1	14.96	14.80	14.90	16.0	0.0
50	64QAM	1	1	14.91	15.00	14.97	16.0	0.0
50	256QAM	1	1	15.04	15.17	15.09	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.10	14.98	14.99	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.02	14.96	14.91	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	15.03	14.96	14.97	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	15.01	14.96	14.98	16.0	0.0

n78_Ant5 DSI1 For SA&DSI 4 For SA&ENDC

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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	18.18	18.22	18.18	19.0	0.0
50	PI/2 BPSK	1	135	18.08	18.03	17.98		
50	PI/2 BPSK	1	268	18.01	18.00	18.07		
50	PI/2 BPSK	135	0	18.01	17.94	18.07	19.0	0.0
50	PI/2 BPSK	135	68	18.02	18.06	18.12	19.0	0.0
50	PI/2 BPSK	135	135	18.04	18.16	18.04	19.0	0.0
50	PI/2 BPSK	270	0	18.13	18.23	18.11		
50	QPSK	1	1	18.12	18.10	18.15	19.0	0.0
50	QPSK	1	135	18.16	18.24	18.20		
50	QPSK	1	268	18.15	18.23	18.22		
50	QPSK	135	0	17.95	17.93	17.91	19.0	0.0
50	QPSK	135	68	18.09	18.12	18.09	19.0	0.0
50	QPSK	135	135	17.86	17.97	17.91	19.0	0.0
50	QPSK	270	0	18.02	18.07	18.04		
50	16QAM	1	1	17.89	17.93	17.81	19.0	0.0
50	64QAM	1	1	18.21	18.15	18.23	19.0	0.0
50	256QAM	1	1	18.23	18.22	18.16	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.90	18.07	17.83	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.92	18.20	17.92	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.91	18.20	17.86	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	17.99	18.06	17.89	19.0	0.0

par27Q n78_Ant5 DSI1 For SA&DSI 4 For SA&ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.12	18.18	18.15	19.0	0.0
50	PI/2 BPSK	1	135	18.08	18.09	18.03		
50	PI/2 BPSK	1	268	18.04	18.06	18.12		
50	PI/2 BPSK	135	0	18.10	18.13	18.14	19.0	0.0
50	PI/2 BPSK	135	68	18.14	18.05	18.12	19.0	0.0
50	PI/2 BPSK	135	135	18.22	18.11	18.17	19.0	0.0
50	PI/2 BPSK	270	0	18.06	18.06	18.06		
50	QPSK	1	1	18.09	18.10	18.01	19.0	0.0
50	QPSK	1	135	18.23	18.25	18.23		
50	QPSK	1	268	18.15	18.04	18.10		
50	QPSK	135	0	17.99	17.90	17.88	19.0	0.0
50	QPSK	135	68	18.02	18.12	18.08	19.0	0.0
50	QPSK	135	135	17.99	17.96	18.08	19.0	0.0
50	QPSK	270	0	18.09	18.12	18.02		
50	16QAM	1	1	17.98	18.00	17.97	19.0	0.0
50	64QAM	1	1	18.14	18.14	18.14	19.0	0.0
50	256QAM	1	1	18.06	18.08	18.11	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	17.90	17.87	17.77	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.97	17.90	17.77	19.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.00	17.81	17.69	19.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	17.93	17.94	17.81	19.0	0.0

n78_Ant5 DSI1 For ENDC

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				648334	650000	651668		
Frequency (MHz)				3725.01	3750	3775.02		
50	PI/2 BPSK	1	1	14.80	14.85	14.74	16.0	0.0
50	PI/2 BPSK	1	135	14.92	14.91	15.02		
50	PI/2 BPSK	1	268	15.10	15.16	15.19		
50	PI/2 BPSK	135	0	14.90	14.87	14.94	16.0	0.0
50	PI/2 BPSK	135	68	14.86	14.81	14.79	16.0	0.0
50	PI/2 BPSK	135	135	15.16	15.16	15.20	16.0	0.0
50	PI/2 BPSK	270	0	15.13	15.11	15.11		
50	QPSK	1	1	14.90	14.87	14.85	16.0	0.0
50	QPSK	1	135	15.18	15.21	15.20		
50	QPSK	1	268	15.02	15.03	15.15		
50	QPSK	135	0	14.97	15.02	14.96	16.0	0.0
50	QPSK	135	68	14.95	15.04	14.94	16.0	0.0
50	QPSK	135	135	14.82	14.84	14.78	16.0	0.0
50	QPSK	270	0	15.03	15.17	15.06		
50	16QAM	1	1	14.72	14.72	14.70	16.0	0.0
50	64QAM	1	1	15.11	15.15	15.01	16.0	0.0
50	256QAM	1	1	15.04	15.10	15.09	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	14.85	15.08	14.92	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.01	3750	3790.02		
20	QPSK	1	26	14.95	15.01	14.94	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	14.93	14.94	15.00	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	14.96	14.97	14.93	16.0	0.0

Par27Q n78_Ant5 DSI1 For ENDC

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				631668	633334	635000		
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	14.99	14.93	14.95	16.0	0.0
50	PI/2 BPSK	1	135	15.10	15.01	15.05		
50	PI/2 BPSK	1	268	14.84	14.94	14.94		
50	PI/2 BPSK	135	0	15.00	14.96	15.00	16.0	0.0
50	PI/2 BPSK	135	68	14.91	14.90	14.81	16.0	0.0
50	PI/2 BPSK	135	135	14.96	14.92	15.04	16.0	0.0
50	PI/2 BPSK	270	0	15.06	14.99	14.97		
50	QPSK	1	1	14.85	14.87	14.86	16.0	0.0
50	QPSK	1	135	15.07	15.15	15.11		
50	QPSK	1	268	14.99	14.96	15.00		
50	QPSK	135	0	15.00	14.96	14.91	16.0	0.0
50	QPSK	135	68	14.87	15.03	14.91	16.0	0.0
50	QPSK	135	135	14.75	14.86	14.80	16.0	0.0
50	QPSK	270	0	15.03	15.10	14.95		
50	16QAM	1	1	15.01	14.95	14.93	16.0	0.0
50	64QAM	1	1	14.88	14.92	15.00	16.0	0.0
50	256QAM	1	1	15.05	15.00	15.05	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	14.98	14.91	14.84	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.04	14.87	14.87	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	15.03	14.90	14.91	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	15.05	14.98	14.94	16.0	0.0

For DFT-30

n7_Ant0 DSI3 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.01	16.02	16.14	17.5	0.0
20	PI/2 BPSK	1	26	15.78	16.09	16.00		
20	PI/2 BPSK	1	49	15.89	16.12	16.07		
20	PI/2 BPSK	25	0	15.85	16.04	15.93	17.5	0.0
20	PI/2 BPSK	25	13	15.94	16.16	16.07	17.5	0.0
20	PI/2 BPSK	25	26	15.80	16.15	15.98	17.5	0.0
20	PI/2 BPSK	50	0	15.89	16.06	16.08		
20	QPSK	1	1	16.00	16.17	16.14	17.5	0.0
20	QPSK	1	26	16.02	16.18	16.09		
20	QPSK	1	49	15.93	16.17	16.15		
20	QPSK	25	0	15.93	16.12	15.97	17.5	0.0
20	QPSK	25	13	15.99	16.16	16.09	17.5	0.0
20	QPSK	25	26	15.84	16.15	16.08	17.5	0.0
20	QPSK	50	0	15.83	16.09	16.04		
20	16QAM	1	1	15.96	16.17	15.95	17.5	0.0
20	64QAM	1	1	15.81	16.10	15.97	17.5	0.0
20	256QAM	1	1	15.96	15.99	16.09	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	16.00	15.99	16.03	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	16.04	16.11	16.10	17.5	0.0

n7_Ant0 DSI3 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	12.91	13.09	13.11	14.5	0.0
20	PI/2 BPSK	1	26	12.72	12.99	12.90		
20	PI/2 BPSK	1	49	12.82	13.01	13.03		
20	PI/2 BPSK	25	0	12.86	13.09	12.98	14.5	0.0
20	PI/2 BPSK	25	13	13.05	13.05	13.03	14.5	0.0
20	PI/2 BPSK	25	26	12.72	13.15	13.04	14.5	0.0
20	PI/2 BPSK	50	0	12.98	13.05	13.17		
20	QPSK	1	1	13.03	13.24	13.17	14.5	0.0
20	QPSK	1	26	13.11	13.26	13.05		
20	QPSK	1	49	12.81	13.23	13.19		
20	QPSK	25	0	12.83	13.05	13.01	14.5	0.0
20	QPSK	25	13	13.04	13.20	13.13	14.5	0.0
20	QPSK	25	26	12.80	13.12	13.16	14.5	0.0
20	QPSK	50	0	12.80	13.21	13.03		
20	16QAM	1	1	12.90	13.25	12.94	14.5	0.0
20	64QAM	1	1	12.80	13.19	12.91	14.5	0.0
20	256QAM	1	1	12.85	12.99	13.10	14.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	13.02	13.10	12.96	14.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	13.01	13.13	12.99	14.5	0.0

n7_Ant0 DSI2 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	20.99	20.87	20.92	22.0	0.0
20	PI/2 BPSK	1	26	20.74	20.80	20.78		
20	PI/2 BPSK	1	49	20.80	20.80	21.07		
20	PI/2 BPSK	25	0	20.77	21.01	20.88	22.0	0.0
20	PI/2 BPSK	25	13	20.80	21.03	20.85	22.0	0.0
20	PI/2 BPSK	25	26	20.68	21.09	20.76	22.0	0.0
20	PI/2 BPSK	50	0	20.84	21.04	20.99		
20	QPSK	1	1	20.80	21.06	21.19	22.0	0.0
20	QPSK	1	26	20.98	21.28	20.97		
20	QPSK	1	49	20.52	21.24	20.94		
20	QPSK	25	0	20.77	20.97	20.80	22.0	0.0
20	QPSK	25	13	21.02	21.20	20.98	22.0	0.0
20	QPSK	25	26	20.70	21.01	21.19	22.0	0.0
20	QPSK	50	0	20.55	21.20	21.06		
20	16QAM	1	1	20.80	21.17	20.76	22.0	0.0
20	64QAM	1	1	20.02	20.25	20.07	21.0	1.0
20	256QAM	1	1	17.95	18.32	18.03	19.0	3.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	20.88	21.21	20.94	22.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	20.93	21.27	20.85	22.0	0.0

n7_Ant0 DSI2 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.10	17.77	17.94	19.0	0.0
20	PI/2 BPSK	1	26	17.69	17.83	17.71		
20	PI/2 BPSK	1	49	17.91	17.75	18.13		
20	PI/2 BPSK	25	0	17.81	17.98	17.80	19.0	0.0
20	PI/2 BPSK	25	13	17.77	18.04	17.74	19.0	0.0
20	PI/2 BPSK	25	26	17.58	18.13	17.72	19.0	0.0
20	PI/2 BPSK	50	0	17.87	18.03	18.07		
20	QPSK	1	1	17.82	17.98	18.13	19.0	0.0
20	QPSK	1	26	17.99	18.38	17.96		
20	QPSK	1	49	17.46	18.26	17.87		
20	QPSK	25	0	17.66	17.90	17.71	19.0	0.0
20	QPSK	25	13	17.97	18.29	17.98	19.0	0.0
20	QPSK	25	26	17.64	18.10	18.13	19.0	0.0
20	QPSK	50	0	17.56	18.29	17.97		
20	16QAM	1	1	17.92	18.12	17.69	19.0	0.0
20	64QAM	1	1	17.87	18.21	17.88	19.0	0.0
20	256QAM	1	1	17.86	18.21	17.93	19.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	17.87	18.37	17.87	19.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	17.83	18.26	17.92	19.0	0.0

n38_Ant0 DSI3 For SA

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	14.16	14.07	14.10	15.0	0.0
40	PI/2 BPSK	1	53	14.59	14.42	14.47		
40	PI/2 BPSK	1	104	14.05	13.99	13.98		
40	PI/2 BPSK	50	0	14.02	13.90	13.97	15.0	0.0
40	PI/2 BPSK	50	28	14.10	13.97	14.08	15.0	0.0
40	PI/2 BPSK	50	56	14.58	14.32	14.40	15.0	0.0
40	PI/2 BPSK	100	0	14.06	13.86	13.90		
40	QPSK	1	1	14.05	14.12	14.18	15.0	0.0
40	QPSK	1	53	14.40	14.60	14.43		
40	QPSK	1	104	14.09	14.04	14.11		
40	QPSK	50	0	13.96	14.08	13.89	15.0	0.0
40	QPSK	50	28	14.38	14.41	14.31	15.0	0.0
40	QPSK	50	56	14.00	13.87	13.97	15.0	0.0
40	QPSK	100	0	13.98	14.00	13.97		
40	16QAM	1	1	14.06	14.14	14.18	15.0	0.0
40	64QAM	1	1	14.24	14.49	14.25	15.0	0.0
40	256QAM	1	1	14.04	14.02	14.04	15.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	14.32	14.59	14.29	15.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	14.31	14.47	14.28	15.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	14.24	14.50	14.30	15.0	0.0

n38_Ant0 DSI3 For NSA

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	11.26	11.07	11.17	12.0	0.0
40	PI/2 BPSK	1	53	11.57	11.41	11.39		
40	PI/2 BPSK	1	104	11.04	10.93	10.89		
40	PI/2 BPSK	50	0	11.16	11.65	11.37	12.0	0.0
40	PI/2 BPSK	50	28	11.23	11.61	11.39	12.0	0.0
40	PI/2 BPSK	50	56	11.59	11.37	11.45	12.0	0.0
40	PI/2 BPSK	100	0	11.14	10.75	10.94		
40	QPSK	1	1	11.14	11.07	11.16	12.0	0.0
40	QPSK	1	53	11.33	11.66	11.42		
40	QPSK	1	104	11.11	11.56	11.35		
40	QPSK	50	0	11.03	10.92	10.92	12.0	0.0
40	QPSK	50	28	11.15	11.64	11.42	12.0	0.0
40	QPSK	50	56	11.23	11.59	11.41	12.0	0.0
40	QPSK	100	0	11.32	11.44	11.25		
40	16QAM	1	1	11.17	11.13	11.24	12.0	0.0
40	64QAM	1	1	11.32	11.40	11.21	12.0	0.0
40	256QAM	1	1	11.19	11.62	11.28	12.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	11.19	11.54	11.27	12.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	11.28	11.65	11.33	12.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	11.28	11.61	11.26	12.0	0.0

n41_Ant0 DSI3 For SA

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	16.02	16.02	16.31	18.0	0.0
100	PI/2 BPSK	1	137	16.40	16.82	16.33		
100	PI/2 BPSK	1	271	16.05	16.05	16.11		
100	PI/2 BPSK	135	0	16.36	16.50	16.53	18.0	0.0
100	PI/2 BPSK	135	69	16.56	16.59	16.58	18.0	0.0
100	PI/2 BPSK	135	138	16.37	16.63	16.38	18.0	0.0
100	PI/2 BPSK	270	0	16.60	16.49	16.45		
100	QPSK	1	1	16.05	16.01	16.04	18.0	0.0
100	QPSK	1	137	16.45	16.88	16.31		
100	QPSK	1	271	16.03	16.11	16.05		
100	QPSK	135	0	16.49	16.72	16.72	18.0	0.0
100	QPSK	135	69	16.33	16.75	16.27	18.0	0.0
100	QPSK	135	138	16.34	16.62	16.69	18.0	0.0
100	QPSK	270	0	16.39	16.87	16.26		
100	16QAM	1	1	16.39	16.50	16.68	18.0	0.0
100	64QAM	1	1	16.44	16.64	16.49	18.0	0.0
100	256QAM	1	1	16.54	16.48	16.44	18.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	16.31	16.71	16.20	18.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	16.23	16.69	16.23	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	16.40	16.68	16.19	18.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	16.40	16.73	16.09	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	16.47	16.69	16.23	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	16.31	16.77	16.28	18.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	16.42	16.83	16.22	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	16.24	16.67	16.24	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	16.32	16.71	16.18	18.0	0.0

n41_Ant0 DSI3 For NSA

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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	13.52	13.79	13.58	15.5	0.0
100	PI/2 BPSK	1	137	13.79	14.24	13.95		
100	PI/2 BPSK	1	271	13.69	13.50	13.54		
100	PI/2 BPSK	135	0	13.86	14.07	13.97	15.5	0.0
100	PI/2 BPSK	135	69	14.09	13.99	14.01	15.5	0.0
100	PI/2 BPSK	135	138	13.91	14.06	13.99	15.5	0.0
100	PI/2 BPSK	270	0	14.01	14.10	13.97		
100	QPSK	1	1	13.58	13.73	13.70	15.5	0.0
100	QPSK	1	137	13.90	14.39	13.87		
100	QPSK	1	271	13.75	13.71	13.59		
100	QPSK	135	0	13.99	14.25	14.11	15.5	0.0
100	QPSK	135	69	13.93	14.26	13.78	15.5	0.0
100	QPSK	135	138	13.83	14.12	14.10	15.5	0.0
100	QPSK	270	0	13.97	14.29	13.96		
100	16QAM	1	1	13.96	13.98	14.29	15.5	0.0
100	64QAM	1	1	13.93	14.07	14.01	15.5	0.0
100	256QAM	1	1	14.14	13.93	13.97	15.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	13.83	14.29	13.68	15.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	13.77	14.23	13.83	15.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	13.88	14.29	13.68	15.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	13.88	14.29	13.66	15.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	13.69	14.30	13.87	15.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	13.82	14.18	13.83	15.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	13.75	14.36	13.65	15.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	13.82	14.20	13.88	15.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	13.77	14.30	13.70	15.5	0.0

n41_Ant0 DSI2 For SA

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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.98	22.06	22.04	22.5	0.0
100	PI/2 BPSK	1	137	21.95	22.12	22.12		
100	PI/2 BPSK	1	271	21.91	21.92	21.76		
100	PI/2 BPSK	135	0	22.03	22.05	21.90	22.5	0.0
100	PI/2 BPSK	135	69	22.00	22.03	21.89	22.5	0.0
100	PI/2 BPSK	135	138	21.99	22.06	22.05	22.5	0.0
100	PI/2 BPSK	270	0	21.93	22.08	21.96		
100	QPSK	1	1	21.94	22.10	22.09	22.5	0.0
100	QPSK	1	137	21.89	22.18	21.78		
100	QPSK	1	271	21.94	22.01	21.98		
100	QPSK	135	0	21.88	22.03	21.82	22.5	0.0
100	QPSK	135	69	22.00	22.10	22.06	22.5	0.0
100	QPSK	135	138	22.04	22.08	22.03	22.5	0.0
100	QPSK	270	0	21.92	22.00	21.84		
100	16QAM	1	1	21.78	21.96	21.82	22.5	0.0
100	64QAM	1	1	21.79	21.87	21.69	22.5	0.0
100	256QAM	1	1	20.51	20.68	20.52	21.0	1.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	21.87	21.97	21.63	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	21.89	22.15	21.66	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	21.78	22.00	21.58	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	21.73	22.14	21.66	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	21.72	22.04	21.74	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	21.82	22.08	21.68	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	21.79	22.02	21.74	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	21.67	22.09	21.76	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	21.83	22.09	21.59	23.0	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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.14	22.04	21.91	23.5	0.0
40	PI/2 BPSK	1	53	22.42	22.38	22.30		
40	PI/2 BPSK	1	104	22.18	22.38	22.10		
40	PI/2 BPSK	50	0	21.90	21.96	22.16	23.5	0.0
40	PI/2 BPSK	50	28	22.04	21.91	21.92	23.5	0.0
40	PI/2 BPSK	50	56	22.35	22.46	22.23	23.5	0.0
40	PI/2 BPSK	100	0	22.16	22.35	22.07		
40	QPSK	1	1	22.07	21.86	21.81	23.5	0.0
40	QPSK	1	53	22.40	22.58	22.31		
40	QPSK	1	104	22.21	22.38	22.04		
40	QPSK	50	0	21.79	21.77	21.95	23.5	0.0
40	QPSK	50	28	22.09	22.43	22.01	23.5	0.0
40	QPSK	50	56	22.32	22.41	22.33	23.5	0.0
40	QPSK	100	0	21.98	22.38	22.02		
40	16QAM	1	1	22.00	21.99	22.17	23.5	0.0
40	64QAM	1	1	22.03	22.00	21.85	23.0	0.5
40	256QAM	1	1	20.02	20.08	19.73	21.0	2.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	22.41	22.47	22.18	23.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	67	22.37	22.52	22.24	23.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	22.23	22.37	22.11	23.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	22.22	22.41	22.12	23.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	22.34	22.46	22.24	23.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.31	20.35	20.09	22.0	0.0
100	PI/2 BPSK	1	137	20.42	20.95	20.60		
100	PI/2 BPSK	1	271	20.02	20.06	20.16		
100	PI/2 BPSK	135	0	20.52	21.00	20.62	22.0	0.0
100	PI/2 BPSK	135	69	20.45	20.90	20.60	22.0	0.0
100	PI/2 BPSK	135	138	20.42	20.89	20.68	22.0	0.0
100	PI/2 BPSK	270	0	20.58	20.88	20.77		
100	QPSK	1	1	20.12	20.24	20.15	22.0	0.0
100	QPSK	1	137	20.59	21.04	20.81		
100	QPSK	1	271	20.23	20.02	20.08		
100	QPSK	135	0	20.46	20.99	20.71	22.0	0.0
100	QPSK	135	69	20.45	21.01	20.70	22.0	0.0
100	QPSK	135	138	20.58	20.90	20.74	22.0	0.0
100	QPSK	270	0	20.46	20.96	20.72		
100	16QAM	1	1	20.13	20.01	20.13	22.0	0.0
100	64QAM	1	1	20.28	20.00	20.13	22.0	0.0
100	256QAM	1	1	19.63	19.57	19.53	21.5	0.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	20.54	20.86	20.71	22.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	20.49	20.85	20.68	22.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	20.46	20.84	20.70	22.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	20.54	21.02	20.70	22.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	20.39	21.02	20.69	22.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	20.40	20.84	20.67	22.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	20.60	20.89	20.66	22.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	20.59	20.85	20.72	22.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	20.49	20.94	20.61	22.0	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		20.28		22.0	0.0
100	PI/2 BPSK	1	137		20.84			
100	PI/2 BPSK	1	271		20.16			
100	PI/2 BPSK	135	0		20.68		22.0	0.0
100	PI/2 BPSK	135	69		20.71		22.0	0.0
100	PI/2 BPSK	135	138		20.62		22.0	0.0
100	PI/2 BPSK	270	0		20.78			
100	QPSK	1	1		20.09		22.0	0.0
100	QPSK	1	137		20.94			
100	QPSK	1	271		20.82			
100	QPSK	135	0		20.03		22.0	0.0
100	QPSK	135	69		20.88		22.0	0.0
100	QPSK	135	138		20.67		22.0	0.0
100	QPSK	270	0		20.73			
100	16QAM	1	1		20.13		22.0	0.0
100	64QAM	1	1		20.25		22.0	0.0
100	256QAM	1	1		19.63		21.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	20.74	20.69	20.63	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.78	20.64	20.83	22.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	20.74	20.73	20.75	22.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	20.66	20.69	20.64	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.67	20.76	20.81	22.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	20.66	20.63	20.78	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.69	20.81	20.73	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.68	20.73	20.71	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.70	20.71	20.74	22.0	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.08		22.0	0.0
100	PI/2 BPSK	1	137		20.79			
100	PI/2 BPSK	1	271		20.16			
100	PI/2 BPSK	135	0		20.75		22.0	0.0
100	PI/2 BPSK	135	69		20.75		22.0	0.0
100	PI/2 BPSK	135	138		20.59		22.0	0.0
100	PI/2 BPSK	270	0		20.68			
100	QPSK	1	1		20.13		22.0	0.0
100	QPSK	1	137		20.91			
100	QPSK	1	271		20.11			
100	QPSK	135	0		20.70		22.0	0.0
100	QPSK	135	69		20.74		22.0	0.0
100	QPSK	135	138		20.68		22.0	0.0
100	QPSK	270	0		20.71			
100	16QAM	1	1		20.05		22.0	0.0
100	64QAM	1	1		20.19		22.0	0.0
100	256QAM	1	1		19.63		21.5	0.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	20.57	20.80	20.73	22.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	20.65	20.87	20.71	22.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	20.57	20.83	20.72	22.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	20.65	20.83	20.63	22.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	20.78	20.89	20.69	22.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	20.77	20.86	20.64	22.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	20.70	20.87	20.65	22.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	20.63	20.85	20.80	22.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	20.62	20.89	20.72	22.0	0.0

Par27Q n78_Ant1 DSI3 For SA&NSA

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		20.31		22.0	0.0
100	PI/2 BPSK	1	137		20.78			
100	PI/2 BPSK	1	271		20.25			
100	PI/2 BPSK	135	0		20.56		22.0	0.0
100	PI/2 BPSK	135	69		20.69		22.0	0.0
100	PI/2 BPSK	135	138		20.53		22.0	0.0
100	PI/2 BPSK	270	0		20.61			
100	QPSK	1	1		20.11		22.0	0.0
100	QPSK	1	137		20.86			
100	QPSK	1	271		20.05			
100	QPSK	135	0		20.51		22.0	0.0
100	QPSK	135	69		20.76		22.0	0.0
100	QPSK	135	138		20.63		22.0	0.0
100	QPSK	270	0		20.61			
100	16QAM	1	1		20.10		22.0	0.0
100	64QAM	1	1		20.03		22.0	0.0
100	256QAM	1	1		19.59		21.5	0.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	20.79	20.68	20.56	22.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	20.80	20.72	20.66	22.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	20.81	20.76	20.58	22.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	20.59	20.65	20.60	22.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	20.60	20.85	20.71	22.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	20.72	20.81	20.64	22.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	20.67	20.72	20.58	22.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	20.62	20.70	20.72	22.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	20.65	20.74	20.53	22.0	0.0

n7_Ant2 DSI4 For SA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	18.00	18.35	18.11	19.5	0.0
20	PI/2 BPSK	1	26	18.20	18.23	18.24		
20	PI/2 BPSK	1	49	18.16	18.23	18.12		
20	PI/2 BPSK	25	0	17.93	18.15	18.07	19.5	0.0
20	PI/2 BPSK	25	13	18.06	18.26	18.31	19.5	0.0
20	PI/2 BPSK	25	26	17.99	18.12	18.12	19.5	0.0
20	PI/2 BPSK	50	0	18.11	18.28	18.05		
20	QPSK	1	1	18.26	18.43	18.32	19.5	0.0
20	QPSK	1	26	18.10	18.50	18.03		
20	QPSK	1	49	17.97	18.37	18.11		
20	QPSK	25	0	18.08	18.30	18.23	19.5	0.0
20	QPSK	25	13	18.04	18.34	18.03	19.5	0.0
20	QPSK	25	26	18.08	18.15	18.10	19.5	0.0
20	QPSK	50	0	18.17	18.39	18.29		
20	16QAM	1	1	17.94	18.24	18.21	19.5	0.0
20	64QAM	1	1	18.28	18.29	18.19	19.5	0.0
20	256QAM	1	1	18.20	18.13	18.02	19.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	18.06	18.25	18.11	19.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	18.03	18.13	18.06	19.5	0.0

n7_Ant2 DSI4 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	15.09	15.30	15.21	16.5	0.0
20	PI/2 BPSK	1	26	15.31	15.19	15.32		
20	PI/2 BPSK	1	49	15.08	15.18	15.11		
20	PI/2 BPSK	25	0	14.93	15.25	15.00	16.5	0.0
20	PI/2 BPSK	25	13	14.97	15.24	15.28	16.5	0.0
20	PI/2 BPSK	25	26	14.95	15.03	15.08	16.5	0.0
20	PI/2 BPSK	50	0	15.07	15.19	14.98		
20	QPSK	1	1	15.24	15.43	15.28	16.5	0.0
20	QPSK	1	26	15.01	15.61	15.12		
20	QPSK	1	49	14.97	15.30	15.11		
20	QPSK	25	0	15.10	15.24	15.18	16.5	0.0
20	QPSK	25	13	15.02	15.28	14.98	16.5	0.0
20	QPSK	25	26	15.08	15.25	15.04	16.5	0.0
20	QPSK	50	0	15.16	15.32	15.17		
20	16QAM	1	1	14.99	15.21	15.31	16.5	0.0
20	64QAM	1	1	15.24	15.23	15.07	16.5	0.0
20	256QAM	1	1	15.23	15.23	15.11	16.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	15.01	15.29	15.34	16.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	15.11	15.31	15.28	16.5	0.0

n38_Ant2 DSI4 For SA

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	15.41	15.53	15.44	17.0	0.0
40	PI/2 BPSK	1	53	15.82	15.91	15.88		
40	PI/2 BPSK	1	104	15.50	15.50	15.41		
40	PI/2 BPSK	50	0	15.46	15.61	15.44	17.0	0.0
40	PI/2 BPSK	50	28	15.75	15.89	15.88	17.0	0.0
40	PI/2 BPSK	50	56	15.44	15.45	15.23	17.0	0.0
40	PI/2 BPSK	100	0	15.59	15.56	15.53		
40	QPSK	1	1	15.40	15.51	15.62	17.0	0.0
40	QPSK	1	53	15.80	15.98	15.88		
40	QPSK	1	104	15.53	15.90	15.26		
40	QPSK	50	0	15.89	15.95	15.87	17.0	0.0
40	QPSK	50	28	15.53	15.96	15.24	17.0	0.0
40	QPSK	50	56	15.43	15.50	15.52	17.0	0.0
40	QPSK	100	0	15.86	15.97	15.77		
40	16QAM	1	1	15.47	15.45	15.49	17.0	0.0
40	64QAM	1	1	15.76	15.90	15.75	17.0	0.0
40	256QAM	1	1	15.48	15.42	15.41	17.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	15.63	15.91	15.72	17.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	15.63	15.88	15.83	17.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	15.79	15.80	15.76	17.0	0.0

n38_Ant2 DSI4 For NSA

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	12.49	12.47	12.37	14.0	0.0
40	PI/2 BPSK	1	53	12.89	13.01	12.82		
40	PI/2 BPSK	1	104	12.57	12.49	12.45		
40	PI/2 BPSK	50	0	12.48	12.53	12.34	14.0	0.0
40	PI/2 BPSK	50	28	12.70	12.86	12.76	14.0	0.0
40	PI/2 BPSK	50	56	12.40	12.49	12.31	14.0	0.0
40	PI/2 BPSK	100	0	12.68	12.53	12.43		
40	QPSK	1	1	12.42	12.63	12.71	14.0	0.0
40	QPSK	1	53	12.83	13.09	12.81		
40	QPSK	1	104	12.47	13.01	12.33		
40	QPSK	50	0	12.86	12.90	12.78	14.0	0.0
40	QPSK	50	28	12.54	13.05	12.18	14.0	0.0
40	QPSK	50	56	12.53	12.60	12.44	14.0	0.0
40	QPSK	100	0	12.83	13.01	12.86		
40	16QAM	1	1	12.55	12.56	12.50	14.0	0.0
40	64QAM	1	1	12.86	13.01	12.70	14.0	0.0
40	256QAM	1	1	12.52	12.48	12.47	14.0	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	12.77	13.02	12.80	14.0	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	12.69	13.00	12.62	14.0	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	12.62	12.92	12.68	14.0	0.0

n41_Ant2 DSI4 For SA&NSA

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				506202	518598	528000		
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	18.54	18.64	18.53	20.5	0.0
100	PI/2 BPSK	1	137	19.20	19.15	19.25		
100	PI/2 BPSK	1	271	18.52	18.57	18.56		
100	PI/2 BPSK	135	0	18.96	19.08	18.99	20.5	0.0
100	PI/2 BPSK	135	69	19.21	19.25	19.25	20.5	0.0
100	PI/2 BPSK	135	138	18.62	18.68	18.65	20.5	0.0
100	PI/2 BPSK	270	0	18.52	18.72	18.63		
100	QPSK	1	1	18.52	18.74	18.59	20.5	0.0
100	QPSK	1	137	19.23	19.35	19.27		
100	QPSK	1	271	18.58	18.51	18.53		
100	QPSK	135	0	18.58	18.61	18.59	20.5	0.0
100	QPSK	135	69	19.17	19.22	19.18	20.5	0.0
100	QPSK	135	138	18.62	18.55	18.58	20.5	0.0
100	QPSK	270	0	19.19	19.21	19.17		
100	16QAM	1	1	18.56	18.53	18.62	20.5	0.0
100	64QAM	1	1	18.83	18.71	18.65	20.5	0.0
100	256QAM	1	1	18.57	18.56	18.58	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	18.75	18.73	18.75	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	18.66	18.71	18.73	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.67	18.78	18.79	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.75	18.73	18.72	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.59	18.73	18.69	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.74	18.71	18.67	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	18.59	18.76	18.71	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	18.61	18.71	18.79	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	18.69	18.75	18.74	20.5	0.0

n77_Ant3 DSI4 For SA&NSA

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	22.34	22.38	22.30	23.5	0.0
100	PI/2 BPSK	1	137	22.50	22.46	22.07		
100	PI/2 BPSK	1	271	22.29	22.55	22.15		
100	PI/2 BPSK	135	0	22.28	22.35	22.25	23.5	0.0
100	PI/2 BPSK	135	69	22.30	22.38	22.38	23.5	0.0
100	PI/2 BPSK	135	138	22.50	22.52	22.21	23.5	0.0
100	PI/2 BPSK	270	0	22.29	22.46	22.35		
100	QPSK	1	1	22.43	22.47	22.46	23.5	0.0
100	QPSK	1	137	22.58	22.59	22.26		
100	QPSK	1	271	22.42	22.55	22.34		
100	QPSK	135	0	22.39	22.45	22.18	23.5	0.0
100	QPSK	135	69	22.47	22.52	22.10	23.5	0.0
100	QPSK	135	138	22.42	22.42	22.24	23.5	0.0
100	QPSK	270	0	22.37	22.53	22.14		
100	16QAM	1	1	22.24	22.41	22.31	23.5	0.0
100	64QAM	1	1	22.04	22.11	21.81	23.0	0.5
100	256QAM	1	1	20.20	20.10	19.74	21.0	2.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	22.42	22.38	22.22	23.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	22.40	22.45	22.25	23.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	22.41	22.50	22.18	23.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.54	22.43	22.26	23.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	22.37	22.40	22.09	23.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.46	22.53	22.17	23.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	22.51	22.57	22.21	23.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	22.53	22.40	22.10	23.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	22.42	22.38	22.28	23.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.38		23.5	0.0
100	PI/2 BPSK	1	137		22.51			
100	PI/2 BPSK	1	271		22.49			
100	PI/2 BPSK	135	0		22.40		23.5	0.0
100	PI/2 BPSK	135	69		22.41		23.5	0.0
100	PI/2 BPSK	135	138		22.46		23.5	0.0
100	PI/2 BPSK	270	0		22.42			
100	QPSK	1	1		22.46		23.5	0.0
100	QPSK	1	137		22.53			
100	QPSK	1	271		22.51			
100	QPSK	135	0		22.39		23.5	0.0
100	QPSK	135	69		22.47		23.5	0.0
100	QPSK	135	138		22.39		23.5	0.0
100	QPSK	270	0		22.49			
100	16QAM	1	1		22.41		23.5	0.0
100	64QAM	1	1		22.20		23.0	0.5
100	256QAM	1	1		20.17		21.0	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.31	22.49	22.37	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.36	22.47	22.34	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.24	22.47	22.44	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.31	22.45	22.30	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.27	22.52	22.44	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.33	22.49	22.36	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.23	22.39	22.42	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.27	22.46	22.40	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.33	22.41	22.33	23.5	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	21.28	21.35	21.28	22.5	0.0
100	PI/2 BPSK	1	137	21.43	21.51	21.10		
100	PI/2 BPSK	1	271	21.36	21.54	21.06		
100	PI/2 BPSK	135	0	21.34	21.44	21.26	22.5	0.0
100	PI/2 BPSK	135	69	21.24	21.42	21.34	22.5	0.0
100	PI/2 BPSK	135	138	21.56	21.52	21.27	22.5	0.0
100	PI/2 BPSK	270	0	21.22	21.50	21.44		
100	QPSK	1	1	21.45	21.47	21.45	22.5	0.0
100	QPSK	1	137	21.59	21.63	21.25		
100	QPSK	1	271	21.36	21.53	21.41		
100	QPSK	135	0	21.32	21.38	21.15	22.5	0.0
100	QPSK	135	69	21.52	21.56	21.09	22.5	0.0
100	QPSK	135	138	21.43	21.36	21.23	22.5	0.0
100	QPSK	270	0	21.37	21.58	21.14		
100	16QAM	1	1	21.31	21.38	21.26	22.5	0.0
100	64QAM	1	1	21.02	21.18	20.84	22.5	0.0
100	256QAM	1	1	19.16	19.07	19.05	21.0	1.5
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	21.39	21.44	21.14	22.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	21.35	21.34	21.23	22.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	21.42	21.40	21.28	22.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	21.48	21.43	21.14	22.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	21.48	21.29	21.16	22.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	21.40	21.33	21.23	22.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	21.45	21.33	21.28	22.5	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	21.50	21.30	21.16	22.5	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	21.42	21.45	21.26	22.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.47		22.5	0.0
100	PI/2 BPSK	1	137		21.45			
100	PI/2 BPSK	1	271		21.48			
100	PI/2 BPSK	135	0		21.34		22.5	0.0
100	PI/2 BPSK	135	69		21.30		22.5	0.0
100	PI/2 BPSK	135	138		21.49		22.5	0.0
100	PI/2 BPSK	270	0		21.39			
100	QPSK	1	1		21.48		22.5	0.0
100	QPSK	1	137		21.59			
100	QPSK	1	271		21.49			
100	QPSK	135	0		21.43		22.5	0.0
100	QPSK	135	69		21.48		22.5	0.0
100	QPSK	135	138		21.34		22.5	0.0
100	QPSK	270	0		21.53			
100	16QAM	1	1		21.40		22.5	0.0
100	64QAM	1	1		21.57		22.5	0.0
100	256QAM	1	1		20.12		21.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.42	21.40	21.30	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.45	21.37	21.22	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.34	21.32	21.15	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.35	21.37	21.30	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.48	21.40	21.17	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.45	21.29	21.21	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.44	21.34	21.19	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.44	21.43	21.20	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.38	21.46	21.14	22.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		22.16		23.5	0.0
100	PI/2 BPSK	1	137		22.30			
100	PI/2 BPSK	1	271		22.45			
100	PI/2 BPSK	135	0		22.24		23.5	0.0
100	PI/2 BPSK	135	69		22.19		23.5	0.0
100	PI/2 BPSK	135	138		22.38		23.5	0.0
100	PI/2 BPSK	270	0		22.43			
100	QPSK	1	1		22.25		23.5	0.0
100	QPSK	1	137		22.48			
100	QPSK	1	271		22.34			
100	QPSK	135	0		22.23		23.5	0.0
100	QPSK	135	69		22.36		23.5	0.0
100	QPSK	135	138		22.33		23.5	0.0
100	QPSK	270	0		22.39			
100	16QAM	1	1		22.39		23.5	0.0
100	64QAM	1	1		22.02		23.0	0.5
100	256QAM	1	1		19.98		21.0	2.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	22.41	22.43	22.33	23.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	22.41	22.34	22.25	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	22.32	22.31	22.40	23.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	22.35	22.36	22.31	23.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	22.25	22.36	22.22	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	22.42	22.29	22.35	23.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	22.23	22.35	22.27	23.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	22.41	22.36	22.27	23.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	22.25	22.40	22.20	23.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		22.12		23.5	0.0
100	PI/2 BPSK	1	137		22.23			
100	PI/2 BPSK	1	271		22.43			
100	PI/2 BPSK	135	0		22.22		23.5	0.0
100	PI/2 BPSK	135	69		22.10		23.5	0.0
100	PI/2 BPSK	135	138		22.33		23.5	0.0
100	PI/2 BPSK	270	0		22.25			
100	QPSK	1	1		22.36		23.5	0.0
100	QPSK	1	137		22.44			
100	QPSK	1	271		22.20			
100	QPSK	135	0		22.38		23.5	0.0
100	QPSK	135	69		22.40		23.5	0.0
100	QPSK	135	138		22.27		23.5	0.0
100	QPSK	270	0		22.37			
100	16QAM	1	1		22.41		23.5	0.0
100	64QAM	1	1		22.13		23.0	0.5
100	256QAM	1	1		19.69		21.0	2.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	22.30	22.41	22.27	23.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	22.20	22.39	22.12	23.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	22.26	22.42	22.09	23.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	22.26	22.26	22.21	23.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	22.30	22.43	22.12	23.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	22.14	22.40	22.19	23.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	22.23	22.42	22.21	23.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	22.29	22.22	22.25	23.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	22.17	22.27	22.16	23.5	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					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		21.19		22.5	0.0
100	PI/2 BPSK	1	137		21.23			
100	PI/2 BPSK	1	271		21.33			
100	PI/2 BPSK	135	0		21.20		22.5	0.0
100	PI/2 BPSK	135	69		21.17		22.5	0.0
100	PI/2 BPSK	135	138		21.35		22.5	0.0
100	PI/2 BPSK	270	0		21.24			
100	QPSK	1	1		21.33		22.5	0.0
100	QPSK	1	137		21.65			
100	QPSK	1	271		21.16			
100	QPSK	135	0		21.51		22.5	0.0
100	QPSK	135	69		21.55		22.5	0.0
100	QPSK	135	138		21.28		22.5	0.0
100	QPSK	270	0		21.42			
100	16QAM	1	1		21.35		22.5	0.0
100	64QAM	1	1		21.47		22.5	0.0
100	256QAM	1	1		19.75		21.0	1.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	21.30	21.35	21.36	22.5	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	21.32	21.38	21.29	22.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	21.23	21.44	21.30	22.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	21.36	21.35	21.31	22.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	21.38	21.47	21.34	22.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	21.34	21.34	21.34	22.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	21.25	21.40	21.28	22.5	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	21.35	21.48	21.20	22.5	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	21.28	21.44	21.28	22.5	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					633334			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		21.05		22.5	0.0
100	PI/2 BPSK	1	137		21.21			
100	PI/2 BPSK	1	271		21.44			
100	PI/2 BPSK	135	0		21.20		22.5	0.0
100	PI/2 BPSK	135	69		21.18		22.5	0.0
100	PI/2 BPSK	135	138		21.33		22.5	0.0
100	PI/2 BPSK	270	0		21.25			
100	QPSK	1	1		21.32		22.5	0.0
100	QPSK	1	137		21.53			
100	QPSK	1	271		21.24			
100	QPSK	135	0		21.31		22.5	0.0
100	QPSK	135	69		21.40		22.5	0.0
100	QPSK	135	138		21.26		22.5	0.0
100	QPSK	270	0		21.44			
100	16QAM	1	1		21.50		22.5	0.0
100	64QAM	1	1		21.45		22.5	0.0
100	256QAM	1	1		19.60		21.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	21.30	21.38	21.19	22.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.22	21.39	21.35	22.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.31	21.40	21.20	22.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.25	21.41	21.35	22.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.31	21.44	21.19	22.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.25	21.41	21.23	22.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.30	21.33	21.28	22.5	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	21.25	21.39	21.32	22.5	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	21.24	21.48	21.24	22.5	0.0

n7_Ant4 DSI4 For SA

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	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	19.41	19.73	19.56	21.0	0.0
20	PI/2 BPSK	1	26	19.58	19.63	19.48		
20	PI/2 BPSK	1	49	19.42	19.65	19.49		
20	PI/2 BPSK	25	0	19.56	19.83	19.47	21.0	0.0
20	PI/2 BPSK	25	13	19.61	19.77	19.82	21.0	0.0
20	PI/2 BPSK	25	26	19.24	19.52	19.57	21.0	0.0
20	PI/2 BPSK	50	0	19.59	19.53	19.54		
20	QPSK	1	1	19.64	19.70	19.69	21.0	0.0
20	QPSK	1	26	19.68	19.94	19.63		
20	QPSK	1	49	19.46	19.63	19.36		
20	QPSK	25	0	19.42	19.44	19.56	21.0	0.0
20	QPSK	25	13	19.54	19.88	19.56	21.0	0.0
20	QPSK	25	26	19.57	19.60	19.46	21.0	0.0
20	QPSK	50	0	19.47	19.86	19.36		
20	16QAM	1	1	19.74	19.40	19.64	21.0	0.0
20	64QAM	1	1	19.68	19.80	19.49	21.0	0.0
20	256QAM	1	1	18.09	18.52	18.14	19.5	1.5
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	19	19.51	19.91	19.50	21.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	12	19.65	19.72	19.43	21.0	0.0

n7_Ant4 DSI1 For SA

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	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	17.70	17.81	17.66	19.0	0.0
20	PI/2 BPSK	1	26	17.76	17.84	17.82		
20	PI/2 BPSK	1	49	17.72	17.93	17.64		
20	PI/2 BPSK	25	0	17.88	17.93	17.71	19.0	0.0
20	PI/2 BPSK	25	13	17.72	17.86	17.93	19.0	0.0
20	PI/2 BPSK	25	26	17.56	17.88	17.85	19.0	0.0
20	PI/2 BPSK	50	0	17.75	17.80	17.79		
20	QPSK	1	1	17.84	17.83	17.74	19.0	0.0
20	QPSK	1	26	17.87	17.95	17.87		
20	QPSK	1	49	17.70	17.84	17.57		
20	QPSK	25	0	17.77	17.81	17.69	19.0	0.0
20	QPSK	25	13	17.80	17.91	17.88	19.0	0.0
20	QPSK	25	26	17.64	17.90	17.65	19.0	0.0
20	QPSK	50	0	17.83	17.85	17.64		
20	16QAM	1	1	17.89	17.70	17.84	19.0	0.0
20	64QAM	1	1	17.83	17.94	17.67	19.0	0.0
20	256QAM	1	1	17.79	17.93	17.88	19.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	19	17.87	17.90	17.87	19.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	12	17.71	17.84	17.79	19.0	0.0

n7_Ant4 DSI4 For NSA

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	Tune-up limit	MPR
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)
20	PI/2 BPSK	1	1	16.43	16.70	16.45	18.0	0.0
20	PI/2 BPSK	1	26	16.61	16.59	16.53		
20	PI/2 BPSK	1	49	16.53	16.64	16.38		
20	PI/2 BPSK	25	0	16.62	16.77	16.53	18.0	0.0
20	PI/2 BPSK	25	13	16.56	16.72	16.80	18.0	0.0
20	PI/2 BPSK	25	26	16.28	16.62	16.61	18.0	0.0
20	PI/2 BPSK	50	0	16.50	16.64	16.55		
20	QPSK	1	1	16.54	16.65	16.65	18.0	0.0
20	QPSK	1	26	16.58	16.84	16.70		
20	QPSK	1	49	16.48	16.68	16.36		
20	QPSK	25	0	16.53	16.52	16.52	18.0	0.0
20	QPSK	25	13	16.63	16.79	16.61	18.0	0.0
20	QPSK	25	26	16.54	16.65	16.34	18.0	0.0
20	QPSK	50	0	16.55	16.77	16.44		
20	16QAM	1	1	16.73	16.43	16.71	18.0	0.0
20	64QAM	1	1	16.68	16.70	16.49	18.0	0.0
20	256QAM	1	1	16.58	16.71	16.60	18.0	0.0
Channel				501500	507000	512500	Tune-up limit	MPR
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)
15	QPSK	1	19	16.50	16.70	16.60	18.0	0.0
Channel				501000	507000	513000	Tune-up limit	MPR
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)
10	QPSK	1	12	16.55	16.72	16.48	18.0	0.0

n7_Ant4 DSI1 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.59	14.57	14.54	16.0	0.0
20	PI/2 BPSK	1	26	14.62	14.63	14.62		
20	PI/2 BPSK	1	49	14.43	14.63	14.49		
20	PI/2 BPSK	25	0	14.65	14.77	14.47	16.0	0.0
20	PI/2 BPSK	25	13	14.59	14.75	14.70	16.0	0.0
20	PI/2 BPSK	25	26	14.40	14.77	14.70	16.0	0.0
20	PI/2 BPSK	50	0	14.56	14.70	14.65		
20	QPSK	1	1	14.61	14.65	14.55	16.0	0.0
20	QPSK	1	26	14.75	14.83	14.66		
20	QPSK	1	49	14.43	14.65	14.30		
20	QPSK	25	0	14.62	14.58	14.42	16.0	0.0
20	QPSK	25	13	14.66	14.72	14.56	16.0	0.0
20	QPSK	25	26	14.40	14.71	14.50	16.0	0.0
20	QPSK	50	0	14.73	14.74	14.52		
20	16QAM	1	1	14.74	14.61	14.53	16.0	0.0
20	64QAM	1	1	14.66	14.70	14.46	16.0	0.0
20	256QAM	1	1	14.68	14.70	14.70	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	19	14.68	14.78	14.56	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	12	14.54	14.74	14.56	16.0	0.0

n7_Ant4 DSI2 For NSA

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	21.76	21.94	21.67	23.0	0.0
20	PI/2 BPSK	1	26	21.83	21.92	21.77		
20	PI/2 BPSK	1	49	21.71	21.94	21.81		
20	PI/2 BPSK	25	0	21.80	21.76	21.68	23.0	0.0
20	PI/2 BPSK	25	13	21.79	21.84	21.79	23.0	0.0
20	PI/2 BPSK	25	26	21.78	21.89	21.85	23.0	0.0
20	PI/2 BPSK	50	0	21.84	21.95	21.72		
20	QPSK	1	1	21.47	21.87	21.81	23.0	0.0
20	QPSK	1	26	21.59	21.96	21.77		
20	QPSK	1	49	21.80	21.80	21.94		
20	QPSK	25	0	21.82	21.81	21.70	23.0	0.0
20	QPSK	25	13	21.85	21.92	21.85	23.0	0.0
20	QPSK	25	26	21.90	21.86	21.83	23.0	0.0
20	QPSK	50	0	21.66	21.90	21.82		
20	16QAM	1	1	21.80	21.80	21.90	23.0	0.0
20	64QAM	1	1	20.18	20.46	20.25	21.5	1.5
20	256QAM	1	1	19.25	19.21	19.28	19.5	3.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	19	21.69	21.88	21.61	23.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	12	21.86	21.81	21.69	23.0	0.0

n66_Ant4 DSI1 For SA

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.48	18.64	18.55	20.0	0.0
40	PI/2 BPSK	1	53	18.41	18.67	18.61		
40	PI/2 BPSK	1	104	18.53	18.55	18.46		
40	PI/2 BPSK	50	0	18.34	18.69	18.43	20.0	0.0
40	PI/2 BPSK	50	28	18.56	18.74	18.45	20.0	0.0
40	PI/2 BPSK	50	56	18.33	18.60	18.48	20.0	0.0
40	PI/2 BPSK	100	0	18.41	18.72	18.47		
40	QPSK	1	1	18.49	18.57	18.52	20.0	0.0
40	QPSK	1	53	18.51	18.75	18.53		
40	QPSK	1	104	18.39	18.54	18.56		
40	QPSK	50	0	18.33	18.72	18.45	20.0	0.0
40	QPSK	50	28	18.53	18.73	18.45	20.0	0.0
40	QPSK	50	56	18.43	18.61	18.44	20.0	0.0
40	QPSK	100	0	18.48	18.60	18.52		
40	16QAM	1	1	18.42	18.52	18.58	20.0	0.0
40	64QAM	1	1	18.45	18.61	18.46	20.0	0.0
40	256QAM	1	1	18.41	18.53	18.52	20.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	39	18.42	18.73	18.53	20.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	32	18.44	18.70	18.51	20.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	18.45	18.60	18.54	20.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	18.44	18.63	18.33	20.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	18.50	18.57	18.54	20.0	0.0

n66_Ant4 DSI1 For NSA

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.49	15.67	15.50	17.0	0.0
40	PI/2 BPSK	1	53	15.36	15.64	15.61		
40	PI/2 BPSK	1	104	15.49	15.62	15.45		
40	PI/2 BPSK	50	0	15.35	15.68	15.43	17.0	0.0
40	PI/2 BPSK	50	28	15.50	15.66	15.51	17.0	0.0
40	PI/2 BPSK	50	56	15.35	15.69	15.38	17.0	0.0
40	PI/2 BPSK	100	0	15.43	15.76	15.50		
40	QPSK	1	1	15.61	15.54	15.52	17.0	0.0
40	QPSK	1	53	15.55	15.77	15.63		
40	QPSK	1	104	15.29	15.63	15.45		
40	QPSK	50	0	15.40	15.70	15.55	17.0	0.0
40	QPSK	50	28	15.45	15.72	15.56	17.0	0.0
40	QPSK	50	56	15.32	15.61	15.44	17.0	0.0
40	QPSK	100	0	15.38	15.72	15.45		
40	16QAM	1	1	15.31	15.50	15.65	17.0	0.0
40	64QAM	1	1	15.37	15.50	15.54	17.0	0.0
40	256QAM	1	1	15.29	15.59	15.52	17.0	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	39	15.42	15.72	15.60	17.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	32	15.49	15.58	15.52	17.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	15.37	15.60	15.54	17.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	15.56	15.62	15.43	17.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	15.39	15.64	15.60	17.0	0.0

n66_Ant4 DSI4 For NSA

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	19.47	19.68	19.50	21.0	0.0
40	PI/2 BPSK	1	53	19.35	19.60	19.69		
40	PI/2 BPSK	1	104	19.51	19.62	19.56		
40	PI/2 BPSK	50	0	19.43	19.57	19.39	21.0	0.0
40	PI/2 BPSK	50	28	19.51	19.78	19.37	21.0	0.0
40	PI/2 BPSK	50	56	19.27	19.53	19.56	21.0	0.0
40	PI/2 BPSK	100	0	19.30	19.69	19.47		
40	QPSK	1	1	19.41	19.46	19.53	21.0	0.0
40	QPSK	1	53	19.40	19.86	19.44		
40	QPSK	1	104	19.34	19.63	19.51		
40	QPSK	50	0	19.41	19.60	19.52	21.0	0.0
40	QPSK	50	28	19.52	19.77	19.52	21.0	0.0
40	QPSK	50	56	19.45	19.57	19.46	21.0	0.0
40	QPSK	100	0	19.58	19.74	19.63		
40	16QAM	1	1	19.40	19.52	19.54	21.0	0.0
40	64QAM	1	1	19.53	19.71	19.38	21.0	0.0
40	256QAM	1	1	17.88	18.32	17.90	19.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	39	19.28	19.75	19.41	21.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	32	19.32	19.83	19.33	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	26	19.29	19.85	19.29	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	19	19.23	19.64	19.39	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	12	19.24	19.74	19.40	21.0	0.0

n38_Ant4 DSI1&4 For SA

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	18.52	18.59	18.57	20.5	0.0
40	PI/2 BPSK	1	53	18.84	18.57	18.86		
40	PI/2 BPSK	1	104	18.54	18.57	18.61		
40	PI/2 BPSK	50	0	18.51	18.56	18.58	20.5	0.0
40	PI/2 BPSK	50	28	18.61	18.90	18.83	20.5	0.0
40	PI/2 BPSK	50	56	18.58	18.56	18.62	20.5	0.0
40	PI/2 BPSK	100	0	18.57	18.64	18.52		
40	QPSK	1	1	18.91	18.82	18.94	20.5	0.0
40	QPSK	1	53	18.56	18.96	18.52		
40	QPSK	1	104	18.58	18.55	18.53		
40	QPSK	50	0	18.65	18.90	18.62	20.5	0.0
40	QPSK	50	28	18.56	18.92	18.52	20.5	0.0
40	QPSK	50	56	18.64	18.50	18.56	20.5	0.0
40	QPSK	100	0	18.77	18.87	18.85		
40	16QAM	1	1	18.61	18.91	18.72	20.5	0.0
40	64QAM	1	1	18.53	18.75	18.52	20.5	0.0
40	256QAM	1	1	18.56	18.86	18.51	20.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	18.58	18.76	18.53	20.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	18.52	18.75	18.53	20.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	18.62	18.75	18.57	20.5	0.0

n38_Ant4 DSI1&4 For NSA

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	15.64	15.79	15.82	17.5	0.0
40	PI/2 BPSK	1	53	15.56	15.72	15.70		
40	PI/2 BPSK	1	104	15.52	15.71	15.63		
40	PI/2 BPSK	50	0	15.68	15.67	15.77	17.5	0.0
40	PI/2 BPSK	50	28	15.64	15.62	15.68	17.5	0.0
40	PI/2 BPSK	50	56	15.62	15.68	15.54	17.5	0.0
40	PI/2 BPSK	100	0	15.76	15.65	15.75		
40	QPSK	1	1	15.81	15.56	15.65	17.5	0.0
40	QPSK	1	53	15.65	15.83	15.63		
40	QPSK	1	104	15.62	15.57	15.56		
40	QPSK	50	0	15.50	15.60	15.55	17.5	0.0
40	QPSK	50	28	15.65	15.74	15.55	17.5	0.0
40	QPSK	50	56	15.53	15.52	15.68	17.5	0.0
40	QPSK	100	0	15.52	15.66	15.57		
40	16QAM	1	1	15.54	15.62	15.62	17.5	0.0
40	64QAM	1	1	15.53	15.51	15.57	17.5	0.0
40	256QAM	1	1	15.72	15.76	15.59	17.5	0.0
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	15.58	15.79	15.72	17.5	0.0
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.51	2595	2612.49		
15	QPSK	1	19	15.56	15.80	15.64	17.5	0.0
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575.02	2595	2614.98		
10	QPSK	1	12	15.52	15.77	15.63	17.5	0.0

n41_Ant4 DSI1 For SA

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	20.92	20.87	20.74	22.5	0.0
100	PI/2 BPSK	1	137	21.33	21.37	21.21		
100	PI/2 BPSK	1	271	20.79	20.76	20.84		
100	PI/2 BPSK	135	0	21.13	21.21	21.27	22.5	0.0
100	PI/2 BPSK	135	69	21.36	21.32	21.29	22.5	0.0
100	PI/2 BPSK	135	138	21.33	21.35	21.35	22.5	0.0
100	PI/2 BPSK	270	0	21.42	21.18	21.22		
100	QPSK	1	1	20.72	20.85	20.83	22.5	0.0
100	QPSK	1	137	21.36	21.59	21.50		
100	QPSK	1	271	20.77	20.78	20.91		
100	QPSK	135	0	21.53	21.51	21.52	22.5	0.0
100	QPSK	135	69	21.38	21.56	21.55	22.5	0.0
100	QPSK	135	138	21.42	21.46	21.44	22.5	0.0
100	QPSK	270	0	21.33	21.53	21.44		
100	16QAM	1	1	21.01	20.85	20.82	22.5	0.0
100	64QAM	1	1	20.91	20.86	20.92	22.5	0.0
100	256QAM	1	1	21.19	20.93	20.88	22.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	21.31	21.49	21.42	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	21.43	21.52	21.56	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	21.39	21.54	21.56	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	21.35	21.51	21.48	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	21.27	21.50	21.53	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	21.45	21.49	21.45	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	21.44	21.53	21.41	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	21.44	21.52	21.42	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	21.41	21.51	21.49	22.5	0.0

n41_Ant4 DSI1 For NSA

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	17.61	17.58	17.58	19.5	0.0
100	PI/2 BPSK	1	137	18.41	18.45	18.15		
100	PI/2 BPSK	1	271	17.78	17.55	17.58		
100	PI/2 BPSK	135	0	18.13	18.25	18.19	19.5	0.0
100	PI/2 BPSK	135	69	18.35	18.31	18.25	19.5	0.0
100	PI/2 BPSK	135	138	18.38	18.36	18.44	19.5	0.0
100	PI/2 BPSK	270	0	18.46	18.13	18.20		
100	QPSK	1	1	17.66	17.52	17.53	19.5	0.0
100	QPSK	1	137	18.32	18.62	18.50		
100	QPSK	1	271	17.74	17.57	17.53		
100	QPSK	135	0	18.44	18.51	18.56	19.5	0.0
100	QPSK	135	69	18.40	18.57	18.51	19.5	0.0
100	QPSK	135	138	18.48	18.40	18.38	19.5	0.0
100	QPSK	270	0	18.28	18.51	18.45		
100	16QAM	1	1	17.53	17.57	17.61	19.5	0.0
100	64QAM	1	1	17.62	17.58	17.64	19.5	0.0
100	256QAM	1	1	17.71	17.68	17.73	19.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	18.32	18.50	18.34	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	109	18.28	18.52	18.36	19.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	18.34	18.53	18.51	19.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	18.33	18.53	18.50	19.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	18.33	18.52	18.34	19.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	18.27	18.47	18.38	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	26	18.36	18.50	18.34	19.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	18.39	18.46	18.39	19.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	18.30	18.55	18.39	19.5	0.0

n41_Ant4 DSI4 For SA&NSA

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	18.71	18.59	18.74	20.5	0.0
100	PI/2 BPSK	1	137	19.26	19.43	19.13		
100	PI/2 BPSK	1	271	18.52	18.52	18.66		
100	PI/2 BPSK	135	0	19.06	19.17	19.22	20.5	0.0
100	PI/2 BPSK	135	69	19.44	19.39	19.20	20.5	0.0
100	PI/2 BPSK	135	138	19.39	19.37	19.42	20.5	0.0
100	PI/2 BPSK	270	0	19.43	19.10	19.20		
100	QPSK	1	1	18.61	18.58	18.59	20.5	0.0
100	QPSK	1	137	19.32	19.64	19.47		
100	QPSK	1	271	18.54	18.53	18.58		
100	QPSK	135	0	19.52	19.51	19.44	20.5	0.0
100	QPSK	135	69	19.30	19.55	19.49	20.5	0.0
100	QPSK	135	138	19.41	19.47	19.48	20.5	0.0
100	QPSK	270	0	19.39	19.52	19.50		
100	16QAM	1	1	18.81	18.62	18.66	20.5	0.0
100	64QAM	1	1	18.68	18.68	18.76	20.5	0.0
100	256QAM	1	1	18.80	18.62	18.57	20.5	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	19.40	19.41	19.39	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	109	19.31	19.40	19.44	20.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	81	19.26	19.54	19.50	20.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	19.36	19.44	19.46	20.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.37	19.54	19.38	20.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.29	19.49	19.44	20.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	26	19.24	19.57	19.40	20.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	19	19.25	19.45	19.37	20.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	12	19.27	19.53	19.45	20.5	0.0

n77_Ant5 DSI1 For SA / DSI 4 For SA&NSA

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	18.16	18.28	17.84	19.0	0.0
100	PI/2 BPSK	1	137	18.16	18.12	17.85		
100	PI/2 BPSK	1	271	18.28	18.14	17.98		
100	PI/2 BPSK	135	0	17.96	18.20	17.95	19.0	0.0
100	PI/2 BPSK	135	69	18.10	17.95	17.95	19.0	0.0
100	PI/2 BPSK	135	138	18.04	18.28	17.97	19.0	0.0
100	PI/2 BPSK	270	0	18.20	18.18	18.03		
100	QPSK	1	1	18.12	18.10	18.03	19.0	0.0
100	QPSK	1	137	18.14	18.29	17.96		
100	QPSK	1	271	18.26	18.17	18.01		
100	QPSK	135	0	18.16	18.10	17.94	19.0	0.0
100	QPSK	135	69	17.99	18.28	17.98	19.0	0.0
100	QPSK	135	138	18.07	18.01	17.99	19.0	0.0
100	QPSK	270	0	18.06	18.15	17.83		
100	16QAM	1	1	18.01	18.11	17.97	19.0	0.0
100	64QAM	1	1	18.09	18.12	17.85	19.0	0.0
100	256QAM	1	1	17.99	18.26	17.97	19.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	18.00	18.26	17.93	19.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	18.05	18.12	17.89	19.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	18.13	18.17	17.91	19.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	17.98	18.21	17.87	19.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	18.07	18.26	17.84	19.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	18.07	18.17	17.91	19.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	17.95	18.12	17.87	19.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	18.12	18.28	17.79	19.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	18.15	18.14	17.92	19.0	0.0

par27Q n77_Ant5 DSI1 For SA / DSI 4 For SA&NSA

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		18.10		19.0	0.0
100	PI/2 BPSK	1	137		18.02			
100	PI/2 BPSK	1	271		18.02			
100	PI/2 BPSK	135	0		18.06		19.0	0.0
100	PI/2 BPSK	135	69		18.04		19.0	0.0
100	PI/2 BPSK	135	138		18.17		19.0	0.0
100	PI/2 BPSK	270	0		18.01			
100	QPSK	1	1		18.24		19.0	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		18.04			
100	QPSK	135	0		18.23		19.0	0.0
100	QPSK	135	69		18.24		19.0	0.0
100	QPSK	135	138		18.09		19.0	0.0
100	QPSK	270	0		18.10			
100	16QAM	1	1		18.23		19.0	0.0
100	64QAM	1	1		18.03		19.0	0.0
100	256QAM	1	1		18.19		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	18.15	18.11	18.14	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	18.16	18.00	18.07	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	18.11	18.08	18.05	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	18.23	18.07	18.13	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.21	18.15	18.08	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.12	18.01	18.21	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	18.15	18.05	18.07	19.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.04	18.10	18.01	19.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	18.08	18.12	18.07	19.0	0.0

n77_Ant5 DSI1 For NSA

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	15.05	15.20	15.04	16.0	0.0
100	PI/2 BPSK	1	137	15.07	15.05	14.90		
100	PI/2 BPSK	1	271	15.10	15.07	14.99		
100	PI/2 BPSK	135	0	15.08	15.19	15.07	16.0	0.0
100	PI/2 BPSK	135	69	15.01	14.91	14.80	16.0	0.0
100	PI/2 BPSK	135	138	15.05	15.17	15.13	16.0	0.0
100	PI/2 BPSK	270	0	15.12	15.00	15.05		
100	QPSK	1	1	14.80	15.23	15.10	16.0	0.0
100	QPSK	1	137	14.89	15.27	14.99		
100	QPSK	1	271	15.13	15.18	15.02		
100	QPSK	135	0	15.05	15.03	14.94	16.0	0.0
100	QPSK	135	69	15.12	15.14	15.07	16.0	0.0
100	QPSK	135	138	15.08	15.04	15.05	16.0	0.0
100	QPSK	270	0	15.03	15.09	15.03		
100	16QAM	1	1	15.05	15.02	15.10	16.0	0.0
100	64QAM	1	1	15.12	14.90	14.92	16.0	0.0
100	256QAM	1	1	14.94	15.09	14.95	16.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	14.79	15.12	14.84	16.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	14.79	15.06	14.86	16.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	14.70	15.20	14.75	16.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	14.74	15.07	14.77	16.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	14.72	15.09	14.85	16.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	14.68	15.19	14.87	16.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	14.81	15.15	14.70	16.0	0.0
Channel				647168	656000	664834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3840	3972.51		
15	QPSK	1	19	14.81	15.16	14.74	16.0	0.0
Channel				647000	656000	665000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3840	3975		
10	QPSK	1	12	14.83	15.13	14.75	16.0	0.0

n77_Ant5 DSI1 For NSA

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		15.05		16.0	0.0
100	PI/2 BPSK	1	137		15.15			
100	PI/2 BPSK	1	271		15.00			
100	PI/2 BPSK	135	0		15.04		16.0	0.0
100	PI/2 BPSK	135	69		14.98		16.0	0.0
100	PI/2 BPSK	135	138		15.13		16.0	0.0
100	PI/2 BPSK	270	0		15.15			
100	QPSK	1	1		15.13		16.0	0.0
100	QPSK	1	137		15.16			
100	QPSK	1	271		15.15			
100	QPSK	135	0		14.99		16.0	0.0
100	QPSK	135	69		15.04		16.0	0.0
100	QPSK	135	138		14.86		16.0	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.00		16.0	0.0
100	64QAM	1	1		15.00		16.0	0.0
100	256QAM	1	1		15.13		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	15.09	15.03	15.01	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.05	15.03	15.01	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	14.95	15.03	14.93	16.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.02	15.00	14.95	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.10	14.98	14.99	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.15	15.02	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.13	15.06	15.04	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	15.05	15.09	15.07	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	15.06	14.99	15.05	16.0	0.0

n78_Ant5 DSI1 For SA / DSI 4 For SA&NSA

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		18.16		19.0	0.0
100	PI/2 BPSK	1	137		18.11			
100	PI/2 BPSK	1	271		18.12			
100	PI/2 BPSK	135	0		18.11		19.0	0.0
100	PI/2 BPSK	135	69		18.10		19.0	0.0
100	PI/2 BPSK	135	138		18.21		19.0	0.0
100	PI/2 BPSK	270	0		18.18			
100	QPSK	1	1		18.14		19.0	0.0
100	QPSK	1	137		18.27			
100	QPSK	1	271		18.26			
100	QPSK	135	0		18.04		19.0	0.0
100	QPSK	135	69		18.16		19.0	0.0
100	QPSK	135	138		18.03		19.0	0.0
100	QPSK	270	0		18.15			
100	16QAM	1	1		18.01		19.0	0.0
100	64QAM	1	1		18.23		19.0	0.0
100	256QAM	1	1		18.20		19.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	18.08	18.24	17.98	19.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	18.02	18.05	17.92	19.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	18.12	18.06	18.10	19.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	18.08	18.19	18.07	19.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	18.15	18.20	18.04	19.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.99	18.06	17.89	19.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.97	18.15	18.10	19.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	17.97	18.12	17.97	19.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	18.11	18.09	17.92	19.0	0.0

par27Q n78_Ant5 DSI1 For SA / DSI 4 For SA&NSA

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		18.12		19.0	0.0
100	PI/2 BPSK	1	137		18.11			
100	PI/2 BPSK	1	271		18.08			
100	PI/2 BPSK	135	0		18.17		19.0	0.0
100	PI/2 BPSK	135	69		18.18		19.0	0.0
100	PI/2 BPSK	135	138		18.21		19.0	0.0
100	PI/2 BPSK	270	0		18.13			
100	QPSK	1	1		18.18		19.0	0.0
100	QPSK	1	137		18.25			
100	QPSK	1	271		18.22			
100	QPSK	135	0		17.97		19.0	0.0
100	QPSK	135	69		18.11		19.0	0.0
100	QPSK	135	138		18.09		19.0	0.0
100	QPSK	270	0		18.23			
100	16QAM	1	1		18.02		19.0	0.0
100	64QAM	1	1		18.19		19.0	0.0
100	256QAM	1	1		18.20		19.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	18.08	17.98	17.86	19.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	17.99	18.03	17.83	19.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	18.00	18.03	17.93	19.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	17.94	18.01	17.92	19.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	18.00	17.97	17.83	19.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	18.06	18.10	18.01	19.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	17.94	18.21	17.95	19.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	18.09	18.05	17.99	19.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	18.11	18.11	17.89	19.0	0.0

n78_Ant5 DSI1 For NSA

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		14.91		16.0	0.0
100	PI/2 BPSK	1	137		15.06			
100	PI/2 BPSK	1	271		15.19			
100	PI/2 BPSK	135	0		15.02		16.0	0.0
100	PI/2 BPSK	135	69		14.98		16.0	0.0
100	PI/2 BPSK	135	138		15.17		16.0	0.0
100	PI/2 BPSK	270	0		15.16			
100	QPSK	1	1		14.94		16.0	0.0
100	QPSK	1	137		15.24			
100	QPSK	1	271		15.14			
100	QPSK	135	0		14.98		16.0	0.0
100	QPSK	135	69		15.06		16.0	0.0
100	QPSK	135	138		14.97		16.0	0.0
100	QPSK	270	0		15.13			
100	16QAM	1	1		14.74		16.0	0.0
100	64QAM	1	1		15.19		16.0	0.0
100	256QAM	1	1		15.20		16.0	0.0
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	15.02	15.11	15.05	16.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	15.00	15.20	15.13	16.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	15.02	15.03	15.19	16.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	14.99	15.23	15.21	16.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	15.06	15.07	15.06	16.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.07	15.16	15.18	16.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.10	15.22	15.04	16.0	0.0
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3707.52	3750	3792.51		
15	QPSK	1	19	15.08	15.23	15.19	16.0	0.0
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795		
10	QPSK	1	12	14.86	15.11	15.13	16.0	0.0

Par27Q n78_Ant5 DSI1 For NSA

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		15.05		16.0	0.0
100	PI/2 BPSK	1	137		15.15			
100	PI/2 BPSK	1	271		15.00			
100	PI/2 BPSK	135	0		15.04		16.0	0.0
100	PI/2 BPSK	135	69		14.98		16.0	0.0
100	PI/2 BPSK	135	138		15.13		16.0	0.0
100	PI/2 BPSK	270	0		15.15			
100	QPSK	1	1		15.13		16.0	0.0
100	QPSK	1	137		15.16			
100	QPSK	1	271		15.15			
100	QPSK	135	0		14.99		16.0	0.0
100	QPSK	135	69		15.03		16.0	0.0
100	QPSK	135	138		14.86		16.0	0.0
100	QPSK	270	0		15.03			
100	16QAM	1	1		15.00		16.0	0.0
100	64QAM	1	1		15.00		16.0	0.0
100	256QAM	1	1		15.13		16.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	15.09	15.03	15.01	16.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.05	15.03	15.01	16.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	14.95	15.03	14.93	16.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.02	15.00	14.95	16.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.10	14.98	14.99	16.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.15	15.02	15.03	16.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.13	15.06	15.04	16.0	0.0
Channel				630500	633334	636166	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.49		
15	QPSK	1	19	15.05	15.09	15.07	16.0	0.0
Channel				630334	633334	636332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3544.98		
10	QPSK	1	12	15.06	14.99	15.05	16.0	0.0

WLAN/Bluetooth Power

Full power						Head		
2.4GHz WLAN						Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.50	20.50	16.44	16.50	100.00
		6	2437	19.00	20.00	16.01	16.50	
		11	2462	19.20	20.00	16.16	16.50	
	802.11g 6Mbps	1	2412	17.90	19.00	Not Required	16.50	100.00
		6	2437	17.80	19.00		16.50	
		11	2462	16.00	17.00		16.50	
	802.11n-HT20 MCS0	1	2412	17.80	19.00		16.50	100.00
		6	2437	17.60	18.50		16.50	
		11	2462	15.20	16.00		16.00	
	802.11n-HT40 MCS0	3	2422	15.80	17.00		16.50	100.00
		6	2437	16.80	18.00		16.50	
		9	2452	13.20	14.00		14.00	

Full power						Head		
5.2GHz WLAN						Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.00	16.00	Not Required	11.50	100.00
		40	5200	15.10	16.00		11.50	
		44	5220	15.20	16.50		11.50	
		48	5240	15.40	16.50		11.50	
	802.11n-HT20 MCS0	36	5180	14.90	16.00		11.50	100.00
		40	5200	15.00	16.00		11.50	
		44	5220	15.10	16.00		11.50	
		48	5240	15.00	16.00		11.50	
	802.11n-HT40 MCS0	38	5190	14.80	16.00		11.50	100.00
		46	5230	15.00	16.00		11.50	
	802.11ac-VHT20 MCS0	36	5180	14.80	16.00		11.50	100.00
		40	5200	14.90	16.00		11.50	
		44	5220	15.00	16.00		11.50	
		48	5240	14.90	16.00		11.50	
	802.11ac-VHT40 MCS0	38	5190	14.70	16.00		11.50	100.00
		46	5230	14.90	16.00		11.50	
	802.11ac-VHT80 MCS0	42	5210	14.10	15.00		11.50	100.00

Full power						Head		
5.3GHz WLAN						Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	18.00	19.00	Not Required	11.50	100.00
		56	5280	18.10	19.00		11.50	
		60	5300	18.10	19.00		11.50	
		64	5320	18.20	19.00		11.50	
	802.11n-HT20 MCS0	52	5260	16.50	17.50		11.50	100.00
		56	5280	16.60	17.50		11.50	
		60	5300	16.70	17.50		11.50	
		64	5320	16.70	17.50		11.50	
	802.11n-HT40 MCS0	54	5270	16.40	17.50		11.50	100.00
		62	5310	16.40	17.50		11.50	
	802.11ac-VHT20 MCS0	52	5260	16.30	17.50		11.50	100.00
		56	5280	16.30	17.50		11.50	
		60	5300	16.30	17.50		11.50	
		64	5320	16.50	17.50		11.50	
	802.11ac-VHT40 MCS0	54	5270	16.30	17.50		11.50	100.00
		62	5310	16.30	17.50		11.50	
	802.11ac-VHT80 MCS0	58	5290	14.50	15.50	10.45	11.50	100.00

Full power						Head		
5.5GHz WLAN						Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	19.00	Not Required	10.50	100.00
		116	5580	18.10	19.00		10.50	
		124	5620	18.00	19.00		10.50	
		132	5660	18.10	19.00		10.50	
		140	5700	15.40	16.50		10.50	
		144	5720	18.00	19.00		10.50	
	802.11n-HT20 MCS0	100	5500	16.50	17.50		10.50	100.00
		116	5580	16.60	17.50		10.50	
		124	5620	16.50	17.50		10.50	
		132	5660	16.60	17.50		10.50	
		140	5700	15.60	16.50		10.50	
		144	5720	16.60	17.50		10.50	
	802.11n-HT40 MCS0	102	5510	16.30	17.50		10.50	100.00
		110	5550	16.50	17.50		10.50	
		126	5630	16.50	17.50		10.50	
		134	5670	16.20	17.50		10.50	
		142	5710	16.50	17.50		10.50	
	802.11ac-VHT20 MCS0	100	5500	16.30	17.50		10.50	100.00
		116	5580	16.30	17.50		10.50	
		124	5620	16.30	17.50		10.50	
		132	5660	16.30	17.50		10.50	
		140	5700	15.50	16.50		10.50	
		144	5720	16.40	17.50		10.50	
	802.11ac-VHT40 MCS0	102	5510	16.20	17.50		10.50	100.00
		110	5550	16.40	17.50		10.50	
		126	5630	16.40	17.50		10.50	
		134	5670	16.10	17.00		10.50	
		142	5710	16.40	17.50		10.50	
	802.11ac-VHT80 MCS0	106	5530	15.00	16.00	9.42	10.50	100.00
		122	5610	16.00	17.00	9.53	10.50	
		138	5690	16.10	17.00	9.61	10.50	

Full power						Head		
5.8GHz WLAN				Ant 6		Ant 6		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	15.30	16.50	Not Required	11.50	100.00
		157	5785	15.60	16.50		11.50	
		165	5825	15.70	16.50		11.50	
	802.11n-HT20 MCS0	149	5745	15.20	16.50		11.50	100.00
		157	5785	15.40	16.50		11.50	
		165	5825	15.50	16.50		11.50	
	802.11n-HT40 MCS0	151	5755	15.40	16.50		11.50	100.00
		159	5795	15.40	16.50		11.50	
	802.11ac-VHT20 MCS0	149	5745	15.10	16.50		11.50	100.00
		157	5785	15.30	16.50		11.50	
		165	5825	15.40	16.50		11.50	
	802.11ac-VHT40 MCS0	151	5755	15.30	16.50		11.50	100.00
		159	5795	15.30	16.50		11.50	
	802.11ac-VHT80 MCS0	155	5775	15.50	16.50	10.12	11.50	100.00

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	9.16	8.56	8.27	10.00
	CH 39	2441	11.00	9.36	9.35	11.50
	CH 78	2480	9.32	8.70	8.73	10.00

BT LE

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-4.90
	CH 19	2440	-3.20
	CH 39	2480	-3.80
Tune-up Limit			0

BT LE V5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			1Mbps
LE	CH 00	2402	-4.70
	CH 19	2440	-2.70
	CH 39	2480	-3.70
Tune-up Limit			0