

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 Ant 1 DSI 183&4&5

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	32.92	32.97	32.95	33.50	23.92	23.97	23.95	24.50
GSM 1 Tx slot	32.91	32.96	32.94	33.50	23.91	23.96	23.94	24.50
GPRS 1 Tx slot	29.48	29.46	29.42	30.50	23.48	23.46	23.42	24.50
GPRS 2 Tx slots	27.30	27.34	27.36	28.50	23.04	23.08	23.10	24.24
GPRS 3 Tx slots	26.01	26.03	25.99	27.50	23.01	23.03	22.99	24.50
GPRS 4 Tx slots	26.53	26.75	26.65	27.50	17.53	17.75	17.65	18.50
EDGE 1 Tx slot	23.27	23.60	23.31	24.50	17.27	17.60	17.31	18.50
EDGE 2 Tx slots	21.68	21.76	21.61	22.50	17.42	17.50	17.35	18.24
EDGE 3 Tx slots	20.29	20.27	20.24	21.50	17.29	17.27	17.24	18.50
EDGE 4 Tx slots								

WCDMA V Ant 1 DSI 183&4&5

Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233	
TX Channel	4357	4407	4458	
Rx Channel	826.4	836.4	846.6	
Frequency (MHz)	24.85	24.89	24.85	25.50
3GPP Rel 99 AMR 12.2kbps	24.87	24.90	24.86	25.50
3GPP Rel 99 RMC 12.2kbps	23.95	24.03	23.88	24.50
3GPP Rel 6 HSDPA Subtest-1	23.95	24.03	23.90	24.50
3GPP Rel 6 HSDPA Subtest-2	23.50	23.50	23.41	24.00
3GPP Rel 6 HSDPA Subtest-3	23.44	23.52	23.37	24.00
3GPP Rel 6 HSDPA Subtest-4	23.89	24.04	23.82	24.50
3GPP Rel 6 DC-HSDPA Subtest-1	23.90	24.02	23.93	24.50
3GPP Rel 6 DC-HSDPA Subtest-2	23.45	23.44	23.42	24.00
3GPP Rel 6 DC-HSDPA Subtest-3	23.45	23.52	23.30	24.00
3GPP Rel 6 DC-HSDPA Subtest-4	23.91	23.99	23.86	24.50
3GPP Rel 6 HSUPA Subtest-1	21.92	21.98	21.85	22.50
3GPP Rel 6 HSUPA Subtest-2	22.91	22.97	22.86	23.50
3GPP Rel 6 HSUPA Subtest-3	21.92	21.99	21.85	22.50
3GPP Rel 6 HSUPA Subtest-4	23.90	24.00	23.90	24.50
3GPP Rel 6 HSUPA Subtest-5				

Band 5_Ant1 DSI1&3&4&5										
BW [MHz]	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	23.57	23.68	23.66	24.5	0		
10	QPSK	1	25	23.44	23.48	23.29				
10	QPSK	1	49	23.45	23.33	23.24				
10	QPSK	25	0	22.40	22.60	22.34	23.5	1		
10	QPSK	25	12	22.48	22.59	22.46				
10	QPSK	25	25	22.50	22.50	22.39				
10	QPSK	50	0	22.46	22.57	22.49	23.5	1		
10	16QAM	1	0	22.31	22.67	22.40				
10	16QAM	1	25	22.51	22.64	22.44				
10	16QAM	1	49	22.64	22.67	22.52	22.5	2		
10	16QAM	25	0	21.35	21.59	21.42				
10	16QAM	25	12	21.41	21.72	21.54				
10	16QAM	25	25	21.39	21.55	21.42	22.5	2		
10	16QAM	50	0	21.54	21.58	21.42				
10	64QAM	1	0	21.44	21.59	21.48				
10	64QAM	1	25	21.47	21.62	21.24	22.5	2		
10	64QAM	1	49	21.66	21.70	21.37				
10	64QAM	25	0	20.38	20.54	20.45				
10	64QAM	25	12	20.53	20.84	20.43	21.5	3		
10	64QAM	25	25	20.62	20.57	20.36				
10	64QAM	50	0	20.54	20.64	20.47				
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	23.45	23.49	23.37	24.5	0		
5	QPSK	1	12	23.31	23.51	23.29				
5	QPSK	1	24	23.19	23.46	23.28				
5	QPSK	12	0	22.36	22.59	22.32	23.5	1		
5	QPSK	12	7	22.38	22.73	22.42				
5	QPSK	12	13	22.29	22.56	22.32				
5	QPSK	25	0	22.39	22.68	22.36	23.5	1		
5	16QAM	1	0	22.16	22.42	22.42				
5	16QAM	1	12	22.06	22.40	22.28				
5	16QAM	1	24	22.17	22.37	22.24	22.5	2		
5	16QAM	12	0	21.09	21.52	21.26				
5	16QAM	12	7	21.17	21.36	21.20				
5	16QAM	12	13	21.07	21.25	21.04	22.5	2		
5	16QAM	25	0	21.11	21.49	21.18				
5	64QAM	1	0	21.14	21.37	21.32				
5	64QAM	1	12	21.34	21.49	21.41	22.5	2		
5	64QAM	1	24	21.39	21.51	21.15				
5	64QAM	12	0	20.27	20.50	20.28				
5	64QAM	12	7	20.41	20.50	20.39	21.5	3		
5	64QAM	12	13	20.38	20.60	20.29				
5	64QAM	25	0	20.38	20.65	20.38				
Channel				20418	20525	20635	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	23.30	23.46	23.38	24.5	0		
3	QPSK	1	8	23.34	23.51	23.39				
3	QPSK	1	14	23.26	23.54	23.17				
3	QPSK	8	0	22.05	22.44	22.09	23.5	1		
3	QPSK	8	4	22.09	22.48	22.10				
3	QPSK	8	7	22.04	22.40	22.09				
3	QPSK	15	0	22.08	22.44	22.12	23.5	1		
3	16QAM	1	0	22.42	22.41	22.10				
3	16QAM	1	8	22.03	22.32	22.14				
3	16QAM	1	14	22.13	22.32	22.22	22.5	2		
3	16QAM	8	0	21.12	21.48	21.08				
3	16QAM	8	4	21.21	21.40	21.19				
3	16QAM	8	7	21.05	21.50	21.12	22.5	2		
3	16QAM	15	0	21.15	21.39	21.14				
3	64QAM	1	0	21.29	21.41	21.33				
3	64QAM	1	8	21.41	21.53	21.36	22.5	2		
3	64QAM	1	14	21.17	21.10	21.18				
3	64QAM	8	0	20.52	20.40	20.28				
3	64QAM	8	4	20.38	20.43	20.12	21.5	3		
3	64QAM	8	7	20.22	20.36	20.25				
3	64QAM	15	0	20.04	20.37	20.07				
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	23.26	23.43	23.31	24.5	0		
1.4	QPSK	1	3	23.22	23.48	23.31				
1.4	QPSK	1	5	23.24	23.53	23.16				
1.4	QPSK	3	0	23.14	23.38	23.12	23.5	1		
1.4	QPSK	3	1	23.28	23.40	23.18				
1.4	QPSK	3	3	23.25	23.39	23.34				
1.4	QPSK	6	0	21.97	22.38	22.15	23.5	1		
1.4	16QAM	1	0	22.36	22.44	22.36				
1.4	16QAM	1	3	22.12	22.51	22.43				
1.4	16QAM	1	5	22.23	22.47	22.13	23.5	1		
1.4	16QAM	3	0	22.05	22.15	22.01				
1.4	16QAM	3	1	22.30	22.18	22.05				
1.4	16QAM	3	3	21.91	22.19	22.07	22.5	2		
1.4	16QAM	6	0	21.02	21.30	21.17				
1.4	64QAM	1	0	21.20	21.35	21.23				
1.4	64QAM	1	3	21.18	21.35	21.45	22.5	2		
1.4	64QAM	1	5	21.26	21.44	21.15				
1.4	64QAM	3	0	21.13	21.47	21.30				
1.4	64QAM	3	1	21.34	21.57	21.35	21.5	3		
1.4	64QAM	3	3	21.26	21.42	21.21				
1.4	64QAM	6	0	20.27	20.45	20.24				

Band 12_Ant1 DSI1&3&4&5										
BW [MHz]	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	24.50	24.53	24.46	25.5	0		
10	QPSK	1	25	24.18	24.16	24.26				
10	QPSK	1	49	24.16	24.31	24.27				
10	QPSK	25	0	23.37	23.42	23.35	24.5	1		
10	QPSK	25	12	23.30	23.29	23.34				
10	QPSK	25	25	23.39	23.29	23.40				
10	QPSK	50	0	23.30	23.38	23.34	24.5	1		
10	16QAM	1	0	23.49	23.25	23.65				
10	16QAM	1	25	23.57	23.58	23.42				
10	16QAM	1	49	23.59	23.28	23.25	23.5	2		
10	16QAM	25	0	22.29	22.35	22.42				
10	16QAM	25	12	22.49	22.36	22.35				
10	16QAM	25	25	22.40	22.39	22.47	23.5	2		
10	16QAM	50	0	22.41	22.47	22.37				
10	64QAM	1	0	22.27	22.40	22.63				
10	64QAM	1	25	22.39	22.48	22.41	23.5	2		
10	64QAM	1	49	22.72	22.55	22.66				
10	64QAM	25	0	21.39	21.36	21.51				
10	64QAM	25	12	21.52	21.57	21.49	22.5	3		
10	64QAM	25	25	21.62	21.63	21.65				
10	64QAM	50	0	21.46	21.43	21.37				
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				701.5	707.5	713.5				
5	QPSK	1	0	24.12	24.30	24.13	25.5	0		
5	QPSK	1	12	24.11	24.26	24.37				
5	QPSK	1	24	24.14	24.25	24.34				
5	QPSK	12	0	23.18	23.33	23.25	24.5	1		
5	QPSK	12	7	23.34	23.43	23.38				
5	QPSK	12	13	23.20	23.32	23.38				
5	QPSK	25	0	23.29	23.34	23.16	24.5	1		
5	16QAM	1	0	23.40	23.30	23.13				
5	16QAM	1	12	23.29	23.49	23.47				
5	16QAM	1	24	23.23	23.44	23.36	23.5	2		
5	16QAM	12	0	22.09	22.25	22.10				
5	16QAM	12	7	22.15	22.24	22.01				
5	16QAM	12	13	22.07	22.07	22.13	23.5	2		
5	16QAM	25	0	22.11	21.99	22.14				
5	64QAM	1	0	22.04	22.26	22.18				
5	64QAM	1	12	22.14	22.28	22.30	23.5	2		
5	64QAM	1	24	21.99	21.91	22.03				
5	64QAM	12	0	21.02	21.25	21.09				
5	64QAM	12	7	21.07	21.27	21.18	22.5	3		
5	64QAM	12	13	20.97	21.16	21.15				
5	64QAM	25	0	21.10	21.09	21.05				
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5				
3	QPSK	1	0	24.16	24.00	24.22	25.5	0		
3	QPSK	1	8	24.26	24.15	24.18				
3	QPSK	1	14	24.07	24.22	24.16				
3	QPSK	8	0	22.88	23.00	23.02	24.5	1		
3	QPSK	8	4	22.96	23.10	22.94				
3	QPSK	8	7	22.91	23.09	23.03				
3	QPSK	15	0	22.90	23.07	23.01	24.5	1		
3	16QAM	1	0	22.92	22.93	23.25				
3	16QAM	1	8	23.07	22.96	23.03				
3	16QAM	1	14	22.98	23.40	22.95	23.5	2		
3	16QAM	8	0	21.95	22.05	22.05				
3	16QAM	8	4	22.14	22.05	21.94				
3	16QAM	8	7	21.93	22.20	22.13	23.5	2		
3	16QAM	15	0	21.94	22.06	22.11				
3	64QAM	1	0	21.85	21.97	22.04				
3	64QAM	1	8	21.72	21.92	22.09	23.5	2		
3	64QAM	1	14	21.94	21.69	21.78				
3	64QAM	8	0	20.74	20.92	20.95				
3	64QAM	8	4	20.93	20.99	20.89	22.5	3		
3	64QAM	8	7	20.82	20.96	20.87				
3	64QAM	15	0	20.96	20.99	20.78				
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.7	707.5	715.3				
1.4	QPSK	1	0	24.18	24.23	24.16	25.5	0		
1.4	QPSK	1	3	24.13	24.27	24.30				
1.4	QPSK	1	5	24.08	24.22	24.31				
1.4	QPSK	3	0	24.12	24.12	24.25	24.5	1		
1.4	QPSK	3	1	24.17	24.24	24.26				
1.4	QPSK	3	3	24.22	24.26	24.22				
1.4	QPSK	6	0	23.01	23.15	23.10	24.5	1		
1.4	16QAM	1	0	23.11	23.25	23.04				
1.4	16QAM	1	3	23.27	23.32	23.11				
1.4	16QAM	1	5	23.34	23.16	23.09	24.5	1		
1.4	16QAM	3	0	23.11	23.20	23.15				
1.4	16QAM	3	1	23.30	23.34	23.16				
1.4	16QAM	3	3	22.88	23.18	23.12	23.5	2		
1.4	16QAM	6	0	21.93	22.23	22.18				
1.4	16QAM	1	0	22.29	22.18	21.91				
1.4	64QAM	1	3	21.90	21.95	22.22	23.5	2		
1.4	64QAM	1	5	21.89	21.90	22.12				
1.4	64QAM	3	0	21.83	21.89	22.30				
1.4	64QAM	3	1	22.01	21.92	21.85	22.5	3		
1.4	64QAM	3	3	21.85	21.96	22.27				
1.4	64QAM	6	0	21.29	21.28	21.34				

Band 17_Ant1 DSI1&3&4&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.50	24.54	24.48	25.5	0	
10	QPSK	1	25	24.44	24.42	24.50			
10	QPSK	1	49	24.45	24.51	24.48			
10	QPSK	25	0	23.58	23.63	23.53			
10	QPSK	25	12	23.62	23.55	23.50	24.5	1	
10	QPSK	25	25	23.55	23.56	23.60			
10	QPSK	50	0	23.54	23.58	23.54			
10	16QAM	1	0	23.47	23.54	23.73			
10	16QAM	1	25	23.60	23.29	23.65	24.5	1	
10	16QAM	1	49	23.31	23.68	23.75			
10	16QAM	25	0	22.46	22.47	22.46			
10	16QAM	25	12	22.57	22.51	22.61			
10	16QAM	25	25	22.59	22.54	22.71	23.5	2	
10	16QAM	50	0	22.55	22.46	22.55			
10	64QAM	1	0	22.52	22.55	22.47			
10	64QAM	1	25	22.76	22.56	22.58			
10	64QAM	1	49	22.46	22.74	22.72	23.5	2	
10	64QAM	25	0	21.46	21.47	21.54			
10	64QAM	25	12	21.66	21.56	21.71			
10	64QAM	25	25	21.71	21.63	21.62			
10	64QAM	50	0	21.63	21.55	21.51	22.5	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.46	24.43	24.45	25.5	0	
5	QPSK	1	12	24.42	24.41	24.40			
5	QPSK	1	24	24.45	24.42	24.47			
5	QPSK	12	0	23.47	23.46	23.43			
5	QPSK	12	7	23.57	23.55	23.41	24.5	1	
5	QPSK	12	13	23.39	23.51	23.59			
5	QPSK	25	0	23.49	23.51	23.45			
5	16QAM	1	0	23.42	23.34	23.62			
5	16QAM	1	12	23.46	23.75	23.55	24.5	1	
5	16QAM	1	24	23.50	23.67	23.63			
5	16QAM	12	0	22.56	22.48	22.43			
5	16QAM	12	7	22.54	22.42	22.57			
5	16QAM	12	13	22.64	22.48	22.65	23.5	2	
5	16QAM	25	0	22.49	22.43	22.41			
5	64QAM	1	0	22.13	22.38	22.12			
5	64QAM	1	12	22.27	22.06	22.34			
5	64QAM	1	24	22.19	22.29	22.10	23.5	2	
5	64QAM	12	0	21.31	21.35	21.29			
5	64QAM	12	7	21.43	21.41	21.18			
5	64QAM	12	13	21.29	21.23	21.30			
5	64QAM	25	0	21.20	21.22	21.23	22.5	3	

Band 26_Ant1 DSI1&3&4&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.48	24.51	24.46	25.5	0	
15	QPSK	1	37	24.37	24.40	24.20			
15	QPSK	1	74	24.33	24.49	24.17			
15	QPSK	36	0	23.55	23.58	23.49			
15	QPSK	36	20	23.56	23.32	23.44	24.5	1	
15	QPSK	36	39	23.57	23.49	23.36			
15	QPSK	75	0	23.54	23.55	23.51			
15	16QAM	1	0	23.62	23.49	23.27			
15	16QAM	1	37	23.40	23.42	23.45	24.5	1	
15	16QAM	1	74	23.24	23.48	23.39			
15	16QAM	36	0	22.48	22.44	22.18			
15	16QAM	36	20	22.44	22.33	22.22			
15	16QAM	36	39	22.47	22.29	22.17	23.5	2	
15	16QAM	75	0	22.61	22.40	22.23			
15	64QAM	1	0	22.41	22.55	22.41			
15	64QAM	1	37	22.45	22.32	22.25			
15	64QAM	1	74	22.36	22.26	22.20	23.5	2	
15	64QAM	36	0	21.67	21.48	21.27			
15	64QAM	36	20	21.64	21.35	21.19			
15	64QAM	36	39	21.43	21.31	21.18			
15	64QAM	75	0	21.62	21.33	21.25	22.5	3	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.50	24.40	24.25	25.5	0	
10	QPSK	1	25	24.47	24.18	24.32			
10	QPSK	1	49	24.40	24.26	24.27			
10	QPSK	25	0	23.37	23.47	23.35			
10	QPSK	25	12	23.60	23.32	23.46	24.5	1	
10	QPSK	25	25	23.56	23.46	23.29			
10	QPSK	50	0	23.57	23.21	23.39			
10	16QAM	1	0	23.37	23.36	23.49			
10	16QAM	1	25	23.55	23.20	23.31	24.5	1	
10	16QAM	1	49	23.56	23.20	23.20			
10	16QAM	25	0	22.34	22.22	22.04			
10	16QAM	25	12	22.35	22.30	22.12			
10	16QAM	25	25	22.34	22.05	22.14	23.5	2	
10	16QAM	50	0	22.29	22.14	22.03			
10	64QAM	1	0	22.54	22.42	22.30			
10	64QAM	1	25	22.38	22.22	22.16			
10	64QAM	1	49	22.42	22.29	22.21	23.5	2	
10	64QAM	25	0	21.31	21.22	21.08			
10	64QAM	25	12	21.34	21.23	21.11			
10	64QAM	25	25	21.33	20.99	21.00			
10	64QAM	50	0	21.30	21.17	21.09	22.5	3	
Channel				26715	26865	27015			
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.10	24.23	24.32	25.5	0	
5	QPSK	1	12	24.13	24.05	24.04			
5	QPSK	1	24	24.24	24.10	24.35			
5	QPSK	12	0	23.23	23.23	23.23			
5	QPSK	12	7	23.43	23.35	23.26	24.5	1	
5	QPSK	12	13	23.62	23.25	23.27			
5	QPSK	25	0	23.30	23.25	23.33			
5	16QAM	1	0	22.96	23.35	23.12			
5	16QAM	1	12	23.29	23.12	23.29	24.5	1	
5	16QAM	1	24	23.33	23.02	22.93			
5	16QAM	12	0	22.27	22.31	21.97			
5	16QAM	12	7	22.20	22.10	21.92			
5	16QAM	12	13	22.24	22.10	22.05	23.5	2	
5	16QAM	25	0	22.28	22.14	21.96			
5	64QAM	1	0	22.36	22.22	22.28			
5	64QAM	1	12	22.44	22.08	22.17			
5	64QAM	1	24	22.37	22.29	22.16	23.5	2	
5	64QAM	12	0	21.38	21.29	21.19			
5	64QAM	12	7	21.42	21.36	21.21			
5	64QAM	12	13	21.40	21.17	21.21			
5	64QAM	25	0	21.34	21.25	21.17	22.5	3	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.37	24.09	24.25	25.5	0	
3	QPSK	1	8	24.35	24.25	24.22			
3	QPSK	1	14	24.40	24.33	24.16			
3	QPSK	8	0	23.17	23.08	23.04			
3	QPSK	8	4	23.12	23.01	23.01	24.5	1	
3	QPSK	8	7	23.26	23.01	22.88			
3	QPSK	15	0	23.06	23.02	22.97			
3	16QAM	1	0	23.15	23.18	23.07			
3	16QAM	1	8	23.26	23.04	23.05	24.5	1	
3	16QAM	1	14	23.30	23.04	23.28			
3	16QAM	8	0	22.19	22.03	21.95			
3	16QAM	8	4	22.18	22.08	21.89			
3	16QAM	8	7	22.17	22.04	21.82	23.5	2	
3	16QAM	15	0	22.12	22.14	21.90			
3	64QAM	1	0	22.12	22.17	22.01			
3	64QAM	1	8	22.10	22.02	22.12			
3	64QAM	1	14	22.26	22.00	22.02	23.5	2	
3	64QAM	8	0	21.21	20.96	20.90			
3	64QAM	8	4	21.11	21.03	20.83			
3	64QAM	8	7	21.16	21.03	20.99			
3	64QAM	15	0	21.44	20.98	20.99	22.5	3	
Channel				26697	26865	27033			
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.29	24.11	24.24	25.5	0	
1.4	QPSK	1	3	24.27	24.03	24.24			
1.4	QPSK	1	5	24.09	24.06	24.15			
1.4	QPSK	3	0	24.25	24.27	23.97			
1.4	QPSK	3	1	24.26	24.04	24.44	24.5	1	
1.4	QPSK	3	3	24.21	24.07	24.10			
1.4	QPSK	6	0	23.33	23.06	23.02			
1.4	16QAM	1	0	23.38	23.05	23.23			
1.4	16QAM	1	3	23.32	23.03	23.10	24.5	1	
1.4	16QAM	1	5	23.30	23.18	23.38			
1.4	16QAM	3	0	23.51	23.27	23.07			
1.4	16QAM	3	1	23.43	23.24	23.15			
1.4	16QAM	3	3	23.49	23.37	23.17	23.5	2	
1.4	16QAM	6	0	22.19	22.10	22.30			
1.4	64QAM	1	0	22.39	22.10	22.24			
1.4	64QAM	3	3	22.45	22.23	22.21			
1.4	64QAM	1	5	22.12	22.14	22.12	23.5	2	
1.4	64QAM	3	0	22.12	21.92	22.10			
1.4	64QAM	3	1	22.25	22.23	21.96			
1.4	64QAM	3	3	22.09	22.01	21.93			
1.4	64QAM	6	0	21.32	21.16	21.07	22.5	3	

GSM1900 Ant 2 DSI 1838485

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	30.79	30.61	30.42	31.00	21.79	21.61	21.42	22.00
GPRS 1 Tx slot	30.75	30.76	30.69	31.00	21.75	21.76	21.69	22.00
GPRS 2 Tx slots	26.93	26.76	26.69	27.00	20.93	20.76	20.69	21.00
GPRS 3 Tx slots	24.95	24.67	24.71	26.00	20.69	20.41	20.45	21.74
GPRS 4 Tx slots	23.40	22.96	23.22	24.00	20.40	19.96	20.22	21.00
EDGE 1 Tx slot	25.55	25.86	25.77	26.00	16.55	16.86	16.77	17.00
EDGE 2 Tx slots	22.56	22.48	22.28	23.50	16.56	16.48	16.28	17.50
EDGE 3 Tx slots	21.06	20.99	20.60	21.50	16.80	16.73	16.34	17.24
EDGE 4 Tx slots	20.38	20.38	20.30	20.50	17.38	17.38	17.30	17.50

WCDMA II Ant 2 DSI 18384

WCDMA IV Ant 2 DSI 184

Band TX Channel	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	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	24.71	24.85	24.82	25.50	24.72	24.80	24.80	25.50
3GPP Rel 99 RMC 12.2Kbps	24.77	24.88	24.84	25.50	24.73	24.81	24.84	25.50
3GPP Rel 6 HSDPA Subtest-1	23.68	23.85	23.82	24.50	23.88	24.06	23.99	24.50
3GPP Rel 6 HSDPA Subtest-2	23.67	23.85	23.84	24.50	23.88	24.06	24.00	24.50
3GPP Rel 6 HSDPA Subtest-3	23.17	23.34	23.34	24.00	23.39	23.56	23.49	24.00
3GPP Rel 6 HSDPA Subtest-4	23.19	23.38	23.37	24.00	23.38	23.57	23.51	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	23.68	23.93	23.91	24.50	23.78	24.04	24.03	24.50
3GPP Rel 8 DC-HSDPA Subtest-2	23.75	23.88	23.79	24.50	23.77	24.17	24.11	24.50
3GPP Rel 8 DC-HSDPA Subtest-3	23.08	23.42	23.35	24.00	23.34	23.60	23.44	24.00
3GPP Rel 8 DC-HSDPA Subtest-4	23.17	23.42	23.27	24.00	23.38	23.54	23.51	24.00
3GPP Rel 6 HSUPA Subtest-1	23.79	23.95	23.93	24.50	23.98	24.16	24.08	24.50
3GPP Rel 6 HSUPA Subtest-2	21.80	21.91	21.93	22.50	21.89	22.13	22.11	22.50
3GPP Rel 6 HSUPA Subtest-3	22.77	22.95	22.95	23.50	22.99	23.15	23.11	23.50
3GPP Rel 6 HSUPA Subtest-4	21.79	21.95	21.97	22.50	22.01	22.18	22.10	22.50
3GPP Rel 6 HSUPA Subtest-5	23.80	24.00	23.90	24.50	24.00	24.20	24.10	24.50



Band 2_Ant2 Full									
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch./Fires	Power Hsp./Fires	Power Hsp./Fires	Turn-up init (dB)	MFR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	24.65	24.67	24.65	25.5	0	
20	QPSK	1	49	24.31	24.43	24.59			
20	QPSK	1	99	24.34	24.44	24.43			
20	QPSK	50	0	23.77	23.81	23.79			
20	QPSK	50	24	23.73	23.75	23.78			
20	QPSK	50	24	23.71	23.72	23.84	24.5	1	
20	QPSK	100	0	23.79	23.82	23.77			
20	QPSK	100	24	23.70	23.73	23.78			
20	16QAM	1	49	23.50	23.53	23.50			
20	16QAM	1	99	23.66	23.63	23.84			
20	16QAM	50	0	22.48	22.54	22.52	23.5	2	
20	16QAM	50	24	22.55	22.46	22.80			
20	16QAM	50	24	22.55	22.46	22.80			
20	16QAM	100	0	22.43	22.51	22.73			
20	16QAM	1	0	22.21	22.59	22.43			
20	16QAM	1	49	22.65	22.43	22.62	23.5	2	
20	16QAM	1	99	22.80	22.46	22.87			
20	16QAM	50	0	21.65	21.86	21.86			
20	16QAM	50	24	21.76	21.79	21.87			
20	16QAM	50	50	21.78	21.77	21.95			
20	16QAM	100	0	21.67	21.69	21.85	22.5	3	
20	16QAM	100	24	21.68	21.68	21.85			
20	16QAM	100	50	21.68	21.68	21.85			
20	16QAM	100	50	21.68	21.68	21.85			
20	16QAM	100	50	21.68	21.68	21.85			
20	16QAM	100	50	21.68	21.68	21.85			
20	16QAM	100	50	21.68	21.68	21.85			
Channel									
Frequency (MHz)									
15	QPSK	1	0	24.63	24.65	24.63	25.5	0	
15	QPSK	1	37	24.33	24.46	24.43			
15	QPSK	1	74	24.32	24.40	24.50			
15	QPSK	36	0	23.46	23.44	23.68			
15	QPSK	36	20	23.51	23.61	23.68			
15	QPSK	75	0	23.47	23.67	23.68	24.5	1	
15	QPSK	75	0	23.47	23.68	23.67			
15	QPSK	1	0	23.27	23.28	23.44			
15	QPSK	1	74	23.28	23.36	23.47			
15	16QAM	1	74	23.32	23.30	23.41			
15	16QAM	1	0	22.30	22.25	22.37	23.5	2	
15	16QAM	1	99	22.28	22.37	22.49			
15	16QAM	36	39	22.29	22.38	22.48			
15	16QAM	75	0	22.28	22.36	22.48			
15	16QAM	1	0	22.27	22.41	22.55			
15	16QAM	1	37	22.38	22.47	22.57	23.5	2	
15	16QAM	1	74	22.36	22.46	22.57			
15	16QAM	36	0	21.49	21.42	21.58			
15	16QAM	36	20	21.49	21.59	21.69			
15	16QAM	75	0	21.48	21.55	21.68			
15	16QAM	75	0	21.48	21.49	21.68			
15	16QAM	75	0	21.48	21.49	21.68			
Channel									
Frequency (MHz)									
10	QPSK	1	0	24.28	24.27	24.55	25.5	0	
10	QPSK	1	25	24.30	24.33	24.50			
10	QPSK	1	49	24.30	24.35	24.46			
10	QPSK	25	0	23.24	23.29	23.35			
10	QPSK	25	12	23.27	23.38	23.41			
10	QPSK	25	25	23.26	23.38	23.49	24.5	1	
10	QPSK	50	0	23.29	23.35	23.38			
10	16QAM	1	0	23.31	23.26	23.51			
10	16QAM	1	25	23.33	23.36	23.48			
10	16QAM	1	49	23.30	23.34	23.52			
10	16QAM	25	0	22.27	22.29	22.36	23.5	2	
10	16QAM	25	12	22.31	22.40	22.41			
10	16QAM	25	25	22.28	22.35	22.48			
10	16QAM	50	0	22.27	22.31	22.42			
10	16QAM	50	12	22.28	22.36	22.48			
10	16QAM	1	0	22.22	22.37	22.44	23.5	2	
10	16QAM	1	25	22.22	22.31	22.44			
10	16QAM	1	49	22.25	22.21	22.46			
10	16QAM	25	12	21.32	21.39	21.41			
10	16QAM	25	25	21.27	21.37	21.49			
10	16QAM	50	0	21.26	21.35	21.45			
10	16QAM	50	0	21.26	21.35	21.45			
Channel									
Frequency (MHz)									
5	QPSK	1	0	24.30	24.34	24.47	25.5	0	
5	QPSK	1	12	24.34	24.41	24.58			
5	QPSK	1	24	24.35	24.40	24.58			
5	QPSK	12	0	23.39	23.42	23.50			
5	QPSK	12	7	23.49	23.56	23.63			
5	QPSK	12	13	23.45	23.50	23.64	24.5	1	
5	QPSK	25	0	23.43	23.46	23.52			
5	16QAM	1	0	23.21	23.28	23.59			
5	16QAM	1	12	23.17	23.38	23.57			
5	16QAM	1	24	23.15	23.46	23.61			
5	16QAM	12	0	22.38	22.40	22.52	23.5	2	
5	16QAM	12	7	22.49	22.56	22.62			
5	16QAM	12	13	22.48	22.52	22.64			
5	16QAM	25	0	22.47	22.52	22.54			
5	16QAM	1	0	22.37	22.52	22.48			
5	16QAM	1	12	22.31	22.53	22.59	23.5	2	
5	16QAM	1	24	22.35	22.42	22.58			
5	16QAM	12	0	21.38	21.36	21.54			
5	16QAM	12	7	21.49	21.52	21.65			
5	16QAM	12	13	21.45	21.50	21.65			
5	16QAM	25	0	21.40	21.52	21.58	22.5	3	
5	16QAM	25	0	21.40	21.52	21.58			
5	16QAM	25	0	21.40	21.52	21.58			
5	16QAM	25	0	21.40	21.52	21.58			
5	16QAM	25	0	21.40	21.52	21.58			
5	16QAM	25	0	21.40	21.52	21.58			
5	16QAM	25	0	21.40	21.52	21.58			
Channel									
Frequency (MHz)									
3	QPSK	1	0	24.30	24.36	24.55	25.5	0	
3	QPSK	1	6	24.37	24.47	24.52			
3	QPSK	1	14	24.35	24.44	24.50			
3	QPSK	8	0	23.43	23.43	23.59			
3	QPSK	8	4	23.45	23.51	23.66			
3	QPSK	8	7	23.43	23.48	23.68	24.5	1	
3	QPSK	15	0	23.42	23.50	23.64			
3	16QAM	1	0	23.12	23.14	23.58			
3	16QAM	1	14	23.38	23.41	23.58			
3	16QAM	8	4	22.43	22.53	22.62			
3	16QAM	16	0	22.48	22.50	22.65	23.5	2	
3	16QAM	16	0	22.48	22.50	22.65			
3	16QAM	1	0	22.25	22.27	22.44			
3	16QAM	1	8	22.34	22.35	22.41			
3	16QAM	1	14	22.33	22.37	22.47			
3	16QAM	8	0	21.57	21.44	21.68	22.5	3	
3	16QAM	8	4	21.48	21.49	21.68			
3	16QAM	8	7	21.42	21.50	21.67			
3	16QAM	15	0	21.48	21.53	21.68			
3	16QAM	15	0	21.48	21.53	21.68			
3	16QAM	15	0	21.48	21.53	21.68			
3	16QAM	15	0	21.48	21.53	21.68			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	24.28	24.33	24.47	25.5	0	
1.4	QPSK	1	3	24.31	24.40	24.49			
1.4	QPSK	3	0	24.26	24.26	24.34			
1.4	QPSK	3	1	24.46	24.48	24.52			
1.4	QPSK	3	1	24.33	24.42	24.47			
1.4	QPSK	6	0	23.34	23.43	23.55	24.5	1	
1.4	16QAM	1	0	23.21	23.24	23.35			
1.4	16QAM	1	0	23.35	23.39	23.51			
1.4	16QAM	1	5	23.21	23.30	23.52			
1.4	16QAM	3	0	23.09	23.11	23.22			
1.4	16QAM	3	0	23.05	23.07	23.18	23.5	2	
1.4	16QAM	3	0	23.03	23.12	23.20			
1.4	16QAM	6	0	22.26	22.33	22.43			
1.4	16QAM	6	0	22.26	22.33	22.43			
1.4	16QAM	6	0	22.26	22.33	22.43			
1.4	16QAM	1	3	22.43	22.43	22.46	23.5	2	
1.4	16QAM	1	9	22.38	22.46	22.46			
1.4	16QAM	1	9	22.38	22.46	22.46			
1.4	16QAM	1	9	22.38	22.46	22.46			
1.4	16QAM	1	9	22.38	22.46	22.46			
1.4	16QAM	1	9	22.38	22.46	22.46	22.5	3	
1.4	16QAM	1	9	22.38	22.46	22.46			
1.4	16QAM	3	3	22.29	22.39	22.47			
1.4	16QAM	3	3	22.29	22.39	22.47			
1.4	16QAM	3	3	22.29	22.39	22.47			

Band 38_Ant2 DSI1&4									
BW [MHz]	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	25.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.54	24.69	24.64	24.5	1	
20	QPSK	1	49	24.64	24.55	24.67			
20	QPSK	1	99	24.54	24.64	24.60			
20	QPSK	50	0	23.58	23.64	23.57	24.5	1	
20	QPSK	50	24	23.55	23.59	23.59			
20	QPSK	50	50	23.58	23.57	23.60			
20	QPSK	100	0	23.60	23.61	23.57	24.5	1	
20	16QAM	1	0	23.80	23.74	23.77			
20	16QAM	1	49	23.77	23.72	23.88			
20	16QAM	1	99	23.70	23.79	23.78	24.5	1	
20	16QAM	50	0	22.56	22.62	22.63			
20	16QAM	50	24	22.55	22.62	22.64			
20	16QAM	50	50	22.62	22.62	22.67	23.5	2	
20	16QAM	100	0	22.62	22.60	22.58			
20	64QAM	1	0	22.74	22.65	22.69			
20	64QAM	1	49	22.70	22.66	22.79	23.5	2	
20	64QAM	1	99	22.66	22.74	22.85			
20	64QAM	50	0	21.71	21.75	21.76			
20	64QAM	50	24	21.69	21.76	21.76	22.5	3	
20	64QAM	50	50	21.77	21.75	21.81			
20	64QAM	100	0	21.88	21.84	21.82			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	25.5	0	
15	QPSK	1	0	24.53	24.42	24.55			
15	QPSK	1	37	24.49	24.43	24.47	24.5	1	
15	QPSK	1	74	24.46	24.45	24.47			
15	QPSK	36	0	23.48	23.39	23.39	24.5	1	
15	QPSK	36	20	23.43	23.40	23.46			
15	QPSK	36	39	23.43	23.38	23.44			
15	QPSK	75	0	23.44	23.43	23.48	24.5	1	
15	16QAM	1	0	23.49	23.40	23.40			
15	16QAM	1	37	23.37	23.33	23.44			
15	16QAM	1	74	23.41	23.37	23.47	23.5	2	
15	16QAM	36	0	22.45	22.41	22.37			
15	16QAM	36	20	22.44	22.39	22.46			
15	16QAM	36	39	22.41	22.34	22.45	23.5	2	
15	16QAM	75	0	22.49	22.41	22.51			
15	64QAM	1	0	22.48	22.39	22.44			
15	64QAM	1	37	22.47	22.36	22.47	23.5	2	
15	64QAM	1	74	22.39	22.38	22.49			
15	64QAM	36	0	21.40	21.34	21.32			
15	64QAM	36	20	21.37	21.31	21.39	22.5	3	
15	64QAM	36	39	21.35	21.30	21.37			
15	64QAM	75	0	21.39	21.33	21.41			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	25.5	0	
10	QPSK	1	0	24.59	24.47	24.51			
10	QPSK	1	25	24.50	24.51	24.52	24.5	1	
10	QPSK	1	49	24.59	24.57	24.55			
10	QPSK	25	0	23.42	23.43	23.28			
10	QPSK	25	12	23.40	23.34	23.30	24.5	1	
10	QPSK	25	25	23.40	23.29	23.36			
10	QPSK	50	0	23.42	23.31	23.32			
10	16QAM	1	0	23.59	23.47	23.52	24.5	1	
10	16QAM	1	25	23.51	23.46	23.54			
10	16QAM	1	49	23.54	23.42	23.50			
10	16QAM	25	0	22.74	22.55	22.60	23.5	2	
10	16QAM	25	12	22.72	22.67	22.65			
10	16QAM	25	25	22.69	22.61	22.72			
10	16QAM	50	0	22.74	22.63	22.65	23.5	2	
10	64QAM	1	0	22.60	22.49	22.51			
10	64QAM	1	25	22.57	22.49	22.63			
10	64QAM	1	49	22.63	22.58	22.62	22.5	3	
10	64QAM	25	0	21.70	21.53	21.58			
10	64QAM	25	12	21.71	21.64	21.62			
10	64QAM	25	25	21.65	21.59	21.67	22.5	3	
10	64QAM	50	0	21.68	21.59	21.60			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	25.5	0	
5	QPSK	1	0	24.61	24.42	24.53			
5	QPSK	1	12	24.60	24.46	24.56	24.5	1	
5	QPSK	1	24	24.50	24.47	24.41			
5	QPSK	12	0	23.70	23.44	23.52			
5	QPSK	12	7	23.72	23.61	23.72	24.5	1	
5	QPSK	12	13	23.61	23.56	23.54			
5	QPSK	25	0	23.68	23.53	23.51			
5	16QAM	1	0	23.65	23.48	23.47	24.5	1	
5	16QAM	1	12	23.64	23.51	23.61			
5	16QAM	1	24	23.59	23.51	23.57			
5	16QAM	12	0	22.69	22.41	22.54	23.5	2	
5	16QAM	12	7	22.75	22.62	22.60			
5	16QAM	12	13	22.56	22.54	22.61			
5	16QAM	25	0	22.72	22.61	22.59	23.5	2	
5	64QAM	1	0	22.39	22.23	22.31			
5	64QAM	1	12	22.41	22.32	22.42			
5	64QAM	1	24	22.31	22.27	22.39	22.5	3	
5	64QAM	12	0	21.66	21.47	21.53			
5	64QAM	12	7	21.74	21.63	21.61			
5	64QAM	12	13	21.56	21.56	21.63	22.5	3	
5	64QAM	25	0	21.65	21.52	21.54			

Band 41_Ant2 DSI1&4										
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	25.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.75	24.67	24.79	24.66	24.55		
20	QPSK	1	49	24.70	24.70	24.59	24.56	24.48	24.5	1
20	QPSK	1	99	24.76	24.67	24.61	24.59	24.48		
20	QPSK	50	0	23.75	23.67	23.83	23.44	23.43		
20	QPSK	50	24	23.75	23.67	23.52	23.43	23.44	24.5	1
20	QPSK	50	50	23.74	23.65	23.50	23.50	23.36		
20	QPSK	100	0	23.74	23.66	23.83	23.49	23.40		
20	16QAM	1	0	24.15	23.93	23.74	23.88	23.81	24.5	1
20	16QAM	1	49	24.03	23.95	23.69	23.79	23.70		
20	16QAM	1	99	23.99	23.84	23.72	23.81	23.68		
20	16QAM	50	0	23.18	23.00	22.74	22.76	22.68	23.5	2
20	16QAM	50	24	23.17	22.99	22.83	22.75	22.75		
20	16QAM	50	50	23.15	22.97	22.82	22.81	22.74		
20	16QAM	100	0	23.18	22.97	22.84	22.83	22.76	23.5	2
20	64QAM	1	0	22.89	22.86	22.74	22.57	22.72		
20	64QAM	1	49	22.88	22.87	23.04	22.72	22.69		
20	64QAM	1	99	22.95	22.93	22.73	22.72	22.68	22.5	3
20	64QAM	50	0	22.00	21.98	21.73	21.88	21.71		
20	64QAM	50	24	22.00	22.00	21.85	21.78	21.72		
20	64QAM	50	50	21.99	21.97	21.83	21.74	21.83	22.5	3
20	64QAM	100	0	21.95	21.92	21.82	21.86	21.73		
Channel				39725	40173	40620	41055	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.5	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	24.71	24.52	24.34	24.39	24.30	25.50	0
15	QPSK	1	37	24.72	24.52	24.36	24.37	24.24		
15	QPSK	1	74	24.65	24.61	24.41	24.47	24.31		
15	QPSK	36	0	23.79	23.57	23.34	23.35	23.32	24.5	1
15	QPSK	36	20	23.79	23.58	23.41	23.39	23.32		
15	QPSK	36	39	23.75	23.53	23.42	23.40	23.30		
15	QPSK	75	0	23.74	23.57	23.43	23.41	23.32	24.5	1
15	16QAM	1	0	23.77	23.59	23.35	23.44	23.38		
15	16QAM	1	37	23.69	23.50	23.35	23.35	23.46		
15	16QAM	1	74	23.74	23.63	23.52	23.50	23.37	23.5	2
15	16QAM	36	0	22.73	22.54	22.32	22.30	22.31		
15	16QAM	36	20	22.71	22.54	22.40	22.39	22.28		
15	16QAM	36	39	22.71	22.51	22.41	22.36	22.28	23.5	2
15	16QAM	75	0	22.79	22.63	22.47	22.45	22.35		
15	64QAM	1	0	22.69	22.53	22.32	22.39	22.29		
15	64QAM	1	37	22.68	22.44	22.30	22.34	22.29	22.5	3
15	64QAM	1	74	22.64	22.56	22.45	22.42	22.28		
15	64QAM	36	0	21.80	21.80	21.34	21.37	21.35		
15	64QAM	36	20	21.78	21.56	21.43	21.43	21.35	22.5	3
15	64QAM	36	39	21.75	21.57	21.41	21.41	21.31		
15	64QAM	75	0	21.80	21.80	21.46	21.43	21.36		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	25.50	0
10	QPSK	1	0	24.77	24.55	24.37	24.39	24.34		
10	QPSK	1	25	24.60	24.58	24.57	24.43	24.38		
10	QPSK	1	49	24.77	24.57	24.52	24.42	24.36	24.5	1
10	QPSK	25	0	23.71	23.70	23.44	23.45	23.47		
10	QPSK	25	12	23.81	23.62	23.46	23.38	23.38		
10	QPSK	25	25	23.79	23.59	23.45	23.42	23.43	24.5	1
10	QPSK	50	0	23.80	23.58	23.43	23.46	23.38		
10	16QAM	1	0	23.86	23.64	23.43	23.47	23.46		
10	16QAM	1	49	23.85	23.65	23.47	23.48	23.44	24.5	1
10	16QAM	25	0	23.82	23.61	23.45	23.45	23.36		
10	16QAM	25	12	22.82	22.65	22.48	22.43	22.43		
10	16QAM	25	25	22.79	22.58	22.47	22.46	22.38	23.5	2
10	16QAM	50	0	22.86	22.62	22.49	22.41	22.40		
10	64QAM	1	0	22.80	22.53	22.33	22.38	22.39		
10	64QAM	1	25	22.81	22.54	22.42	22.47	22.40	23.5	2
10	64QAM	1	49	22.79	22.53	22.46	22.46	22.38		
10	64QAM	25	0	21.86	21.67	21.45	21.48	21.48		
10	64QAM	25	12	21.92	21.72	21.53	21.49	21.49	22.5	3
10	64QAM	25	25	21.85	21.63	21.51	21.49	21.43		
10	64QAM	50	0	21.84	21.65	21.51	21.47	21.46		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	25.50	0
5	QPSK	1	0	24.52	24.59	24.37	24.41	24.29		
5	QPSK	1	12	24.75	24.63	24.45	24.48	24.36		
5	QPSK	1	24	24.68	24.55	24.38	24.38	24.41	24.5	1
5	QPSK	12	0	23.63	23.62	23.37	23.35	23.31		
5	QPSK	12	7	23.65	23.68	23.50	23.49	23.36		
5	QPSK	12	13	23.78	23.60	23.41	23.41	23.32	24.5	1
5	QPSK	25	0	23.58	23.59	23.39	23.37	23.27		
5	16QAM	1	0	23.56	23.51	23.29	23.35	23.40		
5	16QAM	1	12	23.57	23.59	23.39	23.44	23.37	24.5	1
5	16QAM	1	24	23.57	23.53	23.43	23.39	23.40		
5	16QAM	12	0	22.59	22.56	22.29	22.31	22.28		
5	16QAM	12	7	22.61	22.66	22.45	22.46	22.35	23.5	2
5	16QAM	12	13	22.74	22.54	22.41	22.38	22.42		
5	16QAM	25	0	22.84	22.63	22.46	22.45	22.36		
5	64QAM	1	0	22.43	22.34	22.18	22.21	22.26	23.5	2
5	64QAM	1	12	22.43	22.48	22.34	22.26	22.21		
5	64QAM	1	24	22.42	22.36	22.25	22.23	22.15		
5	64QAM	12	0	21.86	21.70	21.43	21.41	21.43	22.5	3
5	64QAM	12	7	21.72	21.73	21.56	21.57	21.45		
5	64QAM	12	13	21.70	21.67	21.52	21.52	21.38		
5	64QAM	25	0	21.84	21.65	21.50	21.50	21.38		

GSM850 Ant 3 DSI 4

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.6	24.2	824.2	836.4	848.6	24.2
Frequency (MHz)	32.87	32.69	32.73	33.50	23.87	23.69	23.73	24.50
GSM 1 Tx slot	32.86	32.68	32.72	33.50	23.86	23.68	23.72	24.50
GPRS 1 Tx slot	29.42	29.27	29.24	30.50	23.42	23.27	23.24	24.50
GPRS 2 Tx slots	27.47	27.65	27.60	28.50	23.21	23.39	23.34	24.24
GPRS 3 Tx slots	26.23	26.35	26.22	28.00	23.23	23.35	23.22	25.00
GPRS 4 Tx slots	26.53	26.61	26.57	27.00	17.53	17.61	17.57	18.00
EDGE 1 Tx slot	23.50	23.42	23.35	24.00	17.50	17.42	17.35	18.00
EDGE 2 Tx slots	21.66	21.91	21.67	23.00	17.40	17.65	17.41	18.74
EDGE 3 Tx slots	20.39	20.50	20.36	21.00	17.39	17.50	17.36	18.00
EDGE 4 Tx slots								

WCDMA V Ant 3 Full

Band	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4232	
TX Channel	4357	4407	4458	
Rx Channel	826.4	836.4	846.6	
Frequency (MHz)	24.76	24.73	24.50	25.00
3GPP Rel 99 AMR 12.2Kbps	24.76	24.77	24.52	25.00
3GPP Rel 99 RMC 12.2Kbps	23.83	23.86	23.55	24.00
3GPP Rel 6 HSDPA Subtest-1	23.56	23.81	23.61	24.00
3GPP Rel 6 HSDPA Subtest-2	23.39	23.32	23.11	23.50
3GPP Rel 6 HSDPA Subtest-3	23.38	23.39	23.04	23.50
3GPP Rel 6 HSDPA Subtest-4	23.84	23.86	23.55	24.00
3GPP Rel 8 DC-HSDPA Subtest-1	23.55	23.81	23.62	24.00
3GPP Rel 8 DC-HSDPA Subtest-2	23.38	23.31	23.11	23.50
3GPP Rel 8 DC-HSDPA Subtest-3	23.38	23.38	23.04	23.50
3GPP Rel 6 HSUPA Subtest-1	23.73	23.74	23.48	24.00
3GPP Rel 6 HSUPA Subtest-2	21.75	21.76	21.48	22.00
3GPP Rel 6 HSUPA Subtest-3	22.76	22.78	22.47	23.00
3GPP Rel 6 HSUPA Subtest-4	21.74	21.78	21.48	22.00
3GPP Rel 6 HSUPA Subtest-5	23.75	23.75	23.45	24.00

Band 5_Ant3 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600	844		
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	23.53	23.56	23.53	24	0	
10	QPSK	1	25	23.53	23.54	23.53			
10	QPSK	1	49	23.48	23.51	23.40			
10	QPSK	25	0	22.55	22.66	22.51			
10	QPSK	25	12	22.64	22.52	22.54	23	1	
10	QPSK	25	25	22.59	22.55	22.56			
10	QPSK	50	0	22.63	22.65	22.50			
10	16QAM	1	0	22.46	22.47	22.44			
10	16QAM	1	25	22.44	22.41	22.39	23	1	
10	16QAM	1	49	22.44	22.35	22.37			
10	16QAM	25	0	21.57	21.53	21.52			
10	16QAM	25	12	21.67	21.55	21.53			
10	16QAM	25	25	21.58	21.57	21.54	22	2	
10	16QAM	50	0	21.64	21.52	21.49			
10	64QAM	1	0	21.44	21.43	21.35			
10	64QAM	1	25	21.37	21.34	21.34			
10	64QAM	1	49	21.34	21.31	21.28	22	2	
10	64QAM	25	0	20.54	20.53	20.52			
10	64QAM	25	12	20.64	20.54	20.54			
10	64QAM	25	25	20.59	20.57	20.54			
10	64QAM	50	0	20.63	20.50	20.52	Tune-up limit (dBm)	MPR (dB)	
Channel				20425	20525	20625			
Frequency (MHz)				826.5	836.5	846.5	24	0	
5	QPSK	1	0	23.54	23.53	23.54			
5	QPSK	1	12	23.47	23.47	23.42	23	1	
5	QPSK	1	24	23.42	23.39	23.37			
5	QPSK	12	0	22.53	22.51	22.46			
5	QPSK	12	7	22.63	22.61	22.52			
5	QPSK	12	13	22.51	22.52	22.45	23	1	
5	QPSK	25	0	22.59	22.44	22.50			
5	16QAM	1	0	22.47	22.46	22.54			
5	16QAM	1	12	22.39	22.53	22.58			
5	16QAM	1	24	22.43	22.45	22.53	22	2	
5	16QAM	12	0	21.56	21.54	21.54			
5	16QAM	12	7	21.60	21.63	21.60			
5	16QAM	12	13	21.52	21.52	21.53			
5	16QAM	25	0	21.60	21.48	21.55	22	2	
5	64QAM	1	0	21.46	21.42	21.46			
5	64QAM	1	12	21.37	21.38	21.41			
5	64QAM	1	24	21.35	21.27	21.27			
5	64QAM	12	0	20.53	20.50	20.44	21	3	
5	64QAM	12	7	20.61	20.59	20.51			
5	64QAM	12	13	20.50	20.49	20.45			
5	64QAM	25	0	20.59	20.49	20.52			
Channel				20418	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				835.5	836.5	847.5			
3	QPSK	1	0	23.52	23.51	23.47	24	0	
3	QPSK	1	8	23.55	23.49	23.48			
3	QPSK	1	14	23.45	23.41	23.41			
3	QPSK	8	0	22.54	22.52	22.46			
3	QPSK	8	4	22.62	22.57	22.58	23	1	
3	QPSK	8	7	22.58	22.53	22.50			
3	QPSK	15	0	22.50	22.57	22.46			
3	16QAM	1	0	22.49	22.50	22.46			
3	16QAM	1	8	22.51	22.55	22.56	23	1	
3	16QAM	1	14	22.46	22.42	22.41			
3	16QAM	8	0	21.57	21.49	21.48			
3	16QAM	8	4	21.68	21.64	21.64			
3	16QAM	8	7	21.61	21.52	21.52	22	2	
3	16QAM	15	0	21.51	21.60	21.50			
3	64QAM	1	0	21.50	21.49	21.52			
3	64QAM	1	8	21.54	21.55	21.52			
3	64QAM	1	14	21.46	21.48	21.44	21	3	
3	64QAM	8	0	20.55	20.57	20.51			
3	64QAM	8	4	20.63	20.60	20.57			
3	64QAM	8	7	20.59	20.53	20.51			
3	64QAM	15	0	20.55	20.55	20.47	Tune-up limit (dBm)	MPR (dB)	
Channel				20407	20525	20643			
Frequency (MHz)				824.7	836.5	848.3	24	0	
1.4	QPSK	1	0	23.43	23.42	23.39			
1.4	QPSK	1	3	23.42	23.45	23.44	23	1	
1.4	QPSK	1	5	23.40	23.41	23.38			
1.4	QPSK	3	0	23.32	23.35	23.26			
1.4	QPSK	3	1	23.52	23.50	23.50			
1.4	QPSK	3	3	23.35	23.39	23.33	23	1	
1.4	QPSK	6	0	22.51	22.54	22.39			
1.4	16QAM	1	0	22.42	22.44	22.41			
1.4	16QAM	1	3	22.33	22.34	22.28			
1.4	16QAM	1	5	22.31	22.30	22.27	23	1	
1.4	16QAM	3	0	22.33	22.36	22.33			
1.4	16QAM	3	1	22.51	22.50	22.48			
1.4	16QAM	3	3	22.38	22.32	22.34			
1.4	16QAM	6	0	21.40	21.38	21.27	22	2	
1.4	64QAM	1	0	21.43	21.41	21.41			
1.4	64QAM	1	3	21.53	21.47	21.54			
1.4	64QAM	1	5	21.37	21.41	21.39			
1.4	64QAM	3	0	21.40	21.44	21.39	22	2	
1.4	64QAM	3	1	21.44	21.45	21.42			
1.4	64QAM	3	3	21.40	21.38	21.37			
1.4	64QAM	6	0	20.52	20.52	20.40			

Band 12_Ant3 DSI1&4&5									
BW [MHz]	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	707.5		
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	24.34	24.45	24.33	25	0	
10	QPSK	1	25	24.33	24.36	24.32			
10	QPSK	1	49	24.39	24.28	24.34			
10	QPSK	25	0	23.13	23.38	23.16			
10	QPSK	25	12	23.21	23.17	23.21	24	1	
10	QPSK	25	25	23.23	23.22	23.20			
10	QPSK	50	0	23.24	23.37	23.23			
10	16QAM	1	0	23.42	23.43	23.42			
10	16QAM	1	25	23.35	23.44	23.39	24	1	
10	16QAM	1	49	23.50	23.44	23.47			
10	16QAM	25	0	22.51	22.47	22.45			
10	16QAM	25	12	22.54	22.52	22.54			
10	16QAM	25	25	22.54	22.52	22.51	23	2	
10	16QAM	50	0	22.53	22.48	22.54			
10	64QAM	1	0	22.46	22.40	22.43			
10	64QAM	1	25	22.45	22.42	22.46			
10	64QAM	1	49	22.54	22.41	22.47	23	2	
10	64QAM	25	0	21.24	21.37	21.23			
10	64QAM	25	12	21.56	21.51	21.55			
10	64QAM	25	25	21.52	21.52	21.49			
10	64QAM	50	0	21.55	21.50	21.52	Tune-up limit (dBm)	MPR (dB)	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5	25	0	
5	QPSK	1	0	24.40	24.41	24.36			
5	QPSK	1	12	24.33	24.37	24.32	24	1	
5	QPSK	1	24	24.32	24.32	24.34			
5	QPSK	12	0	23.34	23.33	23.32			
5	QPSK	12	7	23.40	23.42	23.35			
5	QPSK	12	13	23.32	23.36	23.34	24	1	
5	QPSK	25	0	23.35	23.28	23.31			
5	16QAM	1	0	23.38	23.37	23.34			
5	16QAM	1	12	23.34	23.39	23.32			

Band 17_Ant3 DSI1&4&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	24.28	24.37	24.28	25	0	
10	QPSK	1	25	24.31	24.32	24.32			
10	QPSK	1	49	24.36	24.33	24.26			
10	QPSK	25	0	23.14	23.35	23.13	24	1	
10	QPSK	25	12	23.27	23.22	23.28			
10	QPSK	25	25	23.27	23.31	23.28			
10	QPSK	50	0	23.28	23.29	23.26	24	1	
10	16QAM	1	0	23.33	23.35	23.34			
10	16QAM	1	25	23.35	23.38	23.36			
10	16QAM	1	49	23.42	23.40	23.36	23	2	
10	16QAM	25	0	22.36	22.38	22.35			
10	16QAM	25	12	22.52	22.45	22.51			
10	16QAM	25	25	22.49	22.49	22.49	23	2	
10	16QAM	50	0	22.47	22.40	22.47			
10	64QAM	1	0	22.33	22.32	22.35			
10	64QAM	1	25	22.46	22.50	22.37	23	2	
10	64QAM	1	49	22.51	22.44	22.40			
10	64QAM	25	0	21.36	21.37	21.38			
10	64QAM	25	12	21.52	21.46	21.51	22	3	
10	64QAM	25	25	21.47	21.49	21.48			
10	64QAM	50	0	21.46	21.41	21.47			
Channel				23755	23790	23625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	24.28	24.32	24.30	25	0	
5	QPSK	1	12	24.29	24.30	24.34			
5	QPSK	1	24	24.36	24.34	24.35			
5	QPSK	12	0	23.34	23.37	23.35	24	1	
5	QPSK	12	7	23.47	23.49	23.45			
5	QPSK	12	13	23.43	23.42	23.45			
5	QPSK	25	0	23.44	23.33	23.33	24	1	
5	16QAM	1	0	23.36	23.32	23.33			
5	16QAM	1	12	23.36	23.31	23.41			
5	16QAM	1	24	23.35	23.41	23.37	23	2	
5	16QAM	12	0	22.34	22.38	22.35			
5	16QAM	12	7	22.48	22.47	22.50			
5	16QAM	12	13	22.43	22.45	22.44	23	2	
5	16QAM	25	0	22.47	22.38	22.38			
5	64QAM	1	0	22.30	22.30	22.28			
5	64QAM	1	12	22.29	22.30	22.36	23	2	
5	64QAM	1	24	22.33	22.33	22.28			
5	64QAM	12	0	21.36	21.35	21.33			
5	64QAM	12	7	21.49	21.50	21.47	22	3	
5	64QAM	12	13	21.46	21.42	21.42			
5	64QAM	25	0	21.45	21.38	21.35			

Band 26_Ant3 DSI4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	24.28	24.33	24.29	25	0	
15	QPSK	1	37	24.32	24.27	24.24			
15	QPSK	1	74	24.32	24.32	24.20			
15	QPSK	36	0	23.24	23.27	23.22	24	1	
15	QPSK	36	20	23.20	22.91	23.07			
15	QPSK	36	39	23.18	23.15	23.09			
15	QPSK	75	0	23.17	23.19	23.15	24	1	
15	16QAM	1	0	23.30	23.33	23.32			
15	16QAM	1	37	23.32	22.91	23.32			
15	16QAM	1	74	23.38	23.29	23.22	23	2	
15	16QAM	36	0	22.38	22.37	22.32			
15	16QAM	36	20	22.41	22.37	22.29			
15	16QAM	36	39	22.39	22.38	22.29	23	2	
15	16QAM	75	0	22.41	22.32	22.28			
15	64QAM	1	0	22.38	22.26	22.40			
15	64QAM	1	37	22.21	22.48	22.19	23	2	
15	64QAM	1	74	22.41	22.21	22.08			
15	64QAM	36	0	21.36	21.38	21.33			
15	64QAM	36	20	21.42	21.34	21.28	22	3	
15	64QAM	36	39	21.36	21.37	21.31			
15	64QAM	75	0	21.41	21.33	21.28			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	24.29	24.32	24.27	25	0	
10	QPSK	1	25	24.28	24.29	24.24			
10	QPSK	1	49	24.24	24.25	24.11			
10	QPSK	25	0	23.23	23.45	23.39	24	1	
10	QPSK	25	12	23.51	23.26	23.41			
10	QPSK	25	25	23.44	23.40	23.42			
10	QPSK	50	0	23.51	23.22	23.37	24	1	
10	16QAM	1	0	23.17	23.28	23.26			
10	16QAM	1	25	23.24	23.21	23.21			
10	16QAM	1	49	23.25	23.23	23.11	24	1	
10	16QAM	25	0	22.34	22.38	22.32			
10	16QAM	25	12	22.45	22.37	22.29			
10	16QAM	25	25	22.36	22.39	22.25	23	2	
10	16QAM	50	0	22.43	22.35	22.28			
10	64QAM	1	0	22.35	22.38	22.28			
10	64QAM	1	25	22.33	22.24	22.25	23	2	
10	64QAM	1	49	22.28	22.30	22.17			
10	64QAM	25	0	21.36	21.36	21.30			
10	64QAM	25	12	21.48	21.40	21.30	22	3	
10	64QAM	25	25	21.37	21.38	21.27			
10	64QAM	50	0	21.39	21.34	21.28			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	24.24	24.29	24.28	25	0	
5	QPSK	1	12	24.16	24.15	24.26			
5	QPSK	1	24	24.32	24.27	24.31			
5	QPSK	12	0	22.96	23.03	23.01	24	1	
5	QPSK	12	7	23.11	23.06	23.08			
5	QPSK	12	13	23.07	23.06	22.94			
5	QPSK	25	0	22.74	22.72	22.93	24	1	
5	16QAM	1	0	23.05	23.31	23.26			
5	16QAM	1	12	23.28	23.12	23.25			
5	16QAM	1	24	23.22	23.27	23.19	23	2	
5	16QAM	12	0	22.09	22.11	22.00			
5	16QAM	12	7	22.21	22.11	22.08			
5	16QAM	12	13	22.07	22.08	21.96	23	2	
5	16QAM	25	0	22.16	22.06	21.97			
5	64QAM	1	0	22.06	22.05	22.01			
5	64QAM	1	12	22.09	22.08	21.98	23	2	
5	64QAM	1	24	21.99	22.05	21.94			
5	64QAM	12	0	21.07	21.10	21.01			
5	64QAM	12	7	21.18	21.10	21.09	22	3	
5	64QAM	12	13	21.05	21.07	20.96			
5	64QAM	25	0	21.16	21.02	20.97			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	24.31	24.25	24.28	25	0	
3	QPSK	1	8	24.23	24.21	24.27			
3	QPSK	1	14	24.25	24.13	24.18			
3	QPSK	8	0	23.28	23.15	23.33	24	1	
3	QPSK	8	4	23.27	23.19	23.29			
3	QPSK	8	7	23.35	23.21	23.25			
3	QPSK	15	0	23.14	23.15	23.28	24	1	
3	16QAM	1	0	23.36	23.08	23.22			
3	16QAM	1	8	23.25	23.17	23.25			
3	16QAM	1	14	23.26	23.21	23.26	23	2	
3	16QAM	8	0	22.01	22.02	22.01			
3	16QAM	8	4	22.19	22.17	22.06			
3	16QAM	8	7	22.07	22.05	21.94	23	2	
3	16QAM	15	0	22.12	22.03	22.02			
3	64QAM	1	0	22.23	22.23	22.15			
3	64QAM	1	8	22.24	22.18	22.12	23	2	
3	64QAM	1	14	22.15	21.98	22.06			
3	64QAM	8	0	21.16	21.16	21.17			
3	64QAM	8	4	21.24	21.20	21.13	22	3	
3	64QAM	8	7	21.19	21.20	21.04			
3	64QAM	15	0	21.20	21.14	21.09			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	24.25	23.88	24.12	25	0	
1.4	QPSK	1	3	24.26	23.92	24.12			
1.4	QPSK	1	5	24.08	23.85	24.06			
1.4	QPSK	3	0	24.12	24.09	24.04	24	1	
1.4	QPSK	3	1	24.20	24.13	24.11			
1.4	QPSK	3	3	24.04	24.04	24.08			
1.4	QPSK	6	0	23.00	22.82	22.92	24	1	
1.4	16QAM	1	0	23.05	22.87	22.94			
1.4	16QAM	1	3	23.18	23.10	23.01			
1.4	16QAM	1	5	23.04	22.82	22.89	24	1	
1.4	16QAM	3	0	22.86	22.83	22.76			
1.4	16QAM	3	1	22.88	22.85	22.78			
1.4	16QAM	3	3	22.80	22.81	22.71	23	2	
1.4	16QAM	6	0	21.89	21.82	21.77			
1.4	64QAM	1	0	22.01	21.91	21.83			
1.4	64QAM	1	3	22.02	22.01	21.89	23	2	
1.4	64QAM	1	5	21.97	21.93	21.82			
1.4	64QAM	3	0	21.89	21.87	21.79			
1.4	64QAM	3	1	21.90	21.89	21.83	22	3	
1.4	64QAM	3	3	21.84	21.83	21.78			
1.4	64QAM	6	0	20.84	20.79	20.73			

Band 4_Ant4 DSI3&4												
BW [MHz]	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	23.50	23.55	23.52	24	0				
20	QPSK	1	49	23.53	23.43	23.37						
20	QPSK	1	99	23.32	23.38	23.38						
20	QPSK	50	0	22.55	22.60	22.56						
20	QPSK	50	24	22.57	22.53	22.55	23	1				
20	QPSK	50	50	22.49	22.50	22.45						
20	QPSK	100	0	22.50	22.54	22.53						
20	16QAM	1	0	22.40	22.50	22.36						
20	16QAM	1	49	22.44	22.31	22.36	23	1				
20	16QAM	1	99	22.28	22.19	22.34						
20	16QAM	50	0	21.58	21.81	21.57						
20	16QAM	50	24	21.59	21.52	21.57						
20	16QAM	50	50	21.52	21.54	21.48	22	2				
20	16QAM	100	0	21.57	21.52	21.52						
20	64QAM	1	0	21.39	21.58	21.38						
20	64QAM	1	49	21.67	21.29	21.48						
20	64QAM	1	99	21.47	21.36	21.58	22	2				
20	64QAM	50	0	20.46	20.49	20.46						
20	64QAM	50	24	20.48	20.46	20.45						
20	64QAM	50	50	20.40	20.41	20.36						
20	64QAM	100	0	20.47	20.41	20.44	21	3				
Channel				20025	20175	20325						
Frequency (MHz)				1717.5	1732.5	1747.5				Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.49	23.47	23.48	23	1				
15	QPSK	1	37	23.45	23.46	23.40						
15	QPSK	1	74	23.31	23.33	23.24						
15	QPSK	36	0	22.19	22.44	22.15						
15	QPSK	36	20	22.25	22.39	22.28	23	1				
15	QPSK	36	39	22.21	22.38	22.27						
15	QPSK	75	0	22.12	22.12	22.02						
15	16QAM	1	0	22.45	22.38	22.47						
15	16QAM	1	37	22.27	22.25	22.20	23	1				
15	16QAM	1	74	22.31	22.32	22.23						
15	16QAM	36	0	21.19	21.44	21.15						
15	16QAM	36	20	21.26	21.42	21.29						
15	16QAM	36	39	21.19	21.38	21.28	22	2				
15	16QAM	75	0	21.14	21.10	21.02						
15	64QAM	1	0	21.33	21.42	21.06						
15	64QAM	1	37	21.02	21.05	21.18						
15	64QAM	1	74	21.37	20.96	21.28	22	2				
15	64QAM	36	0	20.25	20.39	20.38						
15	64QAM	36	20	20.37	20.26	20.11						
15	64QAM	36	39	20.33	20.28	20.13						
15	64QAM	75	0	20.32	20.56	20.61	21	3				
Channel				20000 <th>20175<th>20350</th><th></th><th></th><th></th></th>	20175 <th>20350</th> <th></th> <th></th> <th></th>	20350						
Frequency (MHz)				1715 <th>1732.5<th>1750<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	1732.5 <th>1750<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1750 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.48	23.49	23.52	24	0				
10	QPSK	1	25	23.48	23.34	23.49						
10	QPSK	1	49	23.34	23.23	23.50						
10	QPSK	25	0	22.65	22.49	22.60						
10	QPSK	25	12	22.36	22.42	22.28	23	1				
10	QPSK	25	25	22.56	22.23	22.33						
10	QPSK	50	0	22.35	22.37	22.36						
10	16QAM	1	0	22.40	22.32	22.40						
10	16QAM	1	25	22.49	22.27	22.22	23	1				
10	16QAM	1	49	22.24	22.16	22.42						
10	16QAM	25	0	21.42	21.32	21.37						
10	16QAM	25	12	21.54	21.59	21.48						
10	16QAM	25	25	21.75	21.45	21.53	22	2				
10	16QAM	50	0	21.55	21.55	21.55						
10	64QAM	1	0	21.23	21.35	21.35						
10	64QAM	1	25	21.13	21.04	21.14						
10	64QAM	1	49	21.47	21.32	21.11	22	2				
10	64QAM	25	0	20.31	20.44	20.30						
10	64QAM	25	12	20.27	20.52	20.37						
10	64QAM	25	25	20.52	20.59	20.47						
10	64QAM	50	0	20.58	20.39	20.55	21	3				
Channel				19575 <th>17175<th>20375</th><th></th><th></th><th></th></th>	17175 <th>20375</th> <th></th> <th></th> <th></th>	20375						
Frequency (MHz)				1712.5 <th>1732.5<th>1752.5</th><th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1732.5 <th>1752.5</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	1752.5				Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.40	23.50	23.37	24	0				
5	QPSK	1	12	23.49	23.35	23.54						
5	QPSK	1	24	23.45	23.40	23.33						
5	QPSK	12	0	22.47	22.59	22.72						
5	QPSK	12	7	22.46	22.64	22.62	23	1				
5	QPSK	12	13	22.60	22.43	22.60						
5	QPSK	25	0	22.78	22.53	22.60						
5	16QAM	1	0	22.49	22.63	22.47						
5	16QAM	1	12	22.57	22.65	22.63	23	1				
5	16QAM	1	24	22.55	22.51	22.44						
5	16QAM	12	0	21.39	21.51	21.63						
5	16QAM	12	7	21.34	21.53	21.52						
5	16QAM	12	13	21.50	21.34	21.49	22	2				
5	16QAM	25	0	21.67	21.45	21.51						
5	64QAM	1	0	21.47	21.55	21.50						
5	64QAM	1	12	21.77	21.65	21.61						
5	64QAM	1	24	21.33	21.57	21.49	22	2				
5	64QAM	12	0	20.32	20.41	20.58						
5	64QAM	12	7	20.35	20.37	20.59						
5	64QAM	12	13	20.66	20.48	20.38						
5	64QAM	25	0	20.55	20.64	20.54	21	3				
Channel				19665 <th>20165<th>20385</th><th></th><th></th><th></th></th>	20165 <th>20385</th> <th></th> <th></th> <th></th>	20385						
Frequency (MHz)				1711.5 <th>1732.5<th>1753.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th></th>	1732.5 <th>1753.5<th>Tune-up limit (dBm)</th><th>MPR (dB)</th><th></th></th>	1753.5 <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>				Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	23.41	23.43	23.39	24	0				
3	QPSK	1	8	23.54	23.50	23.44						
3	QPSK	1	14	23.48	23.51	23.42						
3	QPSK	8	0	22.47	22.43	22.39						
3	QPSK	8	4	22.56	22.51	22.43	23	1				
3	QPSK	8	7	22.40	22.54	22.48						
3	QPSK	15	0	22.53	22.48	22.41						
3	16QAM	1	0	22.40	22.42	22.43						
3	16QAM	1	8	22.53	22.56	22.51	23	1				
3	16QAM	1	14	22.46	22.55	22.46						
3	16QAM	8	0	21.56	21.51	21.37						
3	16QAM	8	4	21.64	21.55	21.47						
3	16QAM	8	7	21.58	21.57	21.55	22	2				
3	16QAM	15	0	21.59	21.49	21.43						
3	64QAM	1	0	21.41	21.39	21.41						
3	64QAM	1	8	21.51	21.44	21.43						
3	64QAM	1	14	21.44	21.45	21.41	22	2				
3	64QAM	8	0	20.59	20.46	20.47						
3	64QAM	8	4	20.58	20.51	20.44						
3	64QAM	8	7	20.57	20.59	20.51						
3	64QAM	15	0	20.55	20.48	20.45	21	3				
Channel				19657 <th>20175<th>20393</th><th></th><th></th><th></th></th>	20175 <th>20393</th> <th></th> <th></th> <th></th>	20393						
Frequency (MHz)				1710.7	1732.5	1754.3				Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	23.39	23.45	23.33	24	0				
1.4	QPSK	1	3	23.43	23.47	23.39						
1.4	QPSK	1	5	23.39	23.41	23.37						
1.4	QPSK	3	0	23.36	23.29	23.27						
1.4	QPSK	3	1	23.45	23.51	23.50	23	1				
1.4	QPSK	3	3	23.38	23.40	23.25						
1.4	QPSK	6	0	22.49	22.44	22.11						
1.4	16QAM	1	0	22.40	22.45	22.42						
1.4	16QAM	1	5	22.45	22.36	22.57	23	1				
1.4	16QAM	3	0	22.44	22.46	22.38						
1.4	16QAM	3	1	22.50	22.54	22.42						
1.4	16QAM	6	0	21.55	21.50	21.46						
1.4	64QAM	1	0	21.47	21.45	21.47	22	2				
1.4	64QAM	1	3	21.48	21.60	21.52						
1.4	64QAM	1	5	21.47	21.57	21.48						
1.4	64QAM	3	0	21.39	21.41	21.35						
1.4	64QAM	3	1	21.44	21.51	21.39	22	2				
1.4	64QAM	3	3	21.38	21.44	21.34						
1.4	64QAM	6	0	20.49	20.45	20.43						
1.4	64QAM	6	0	20.49	20.45	20.43						

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												
Frequency (MHz)												
20	QPSK	1	0	23.20	23.27	23.12	23.5	0				
20	QPSK	1	49	23.20	23.26	23.25						
20	QPSK	1	99	23.24	23.26	23.21						
20	QPSK	50	0	22.11	22.16	22.14	22.5	1				
20	QPSK	50	24	22.15	22.15	22.13						
20	QPSK	50	50	22.15	22.11	22.13						
20	QPSK	100	0	22.11	22.12	22.08	22.5	1				
20	16QAM	1	0	22.21	22.22	22.17						
20	16QAM	1	49	22.37	22.30	22.17						
20	16QAM	1	99	22.31	22.32	22.23	21.5	2				
20	16QAM	50	0	21.22	21.22	21.13						
20	16QAM	50	24	21.33	21.26	21.21						
20	16QAM	50	50	21.34	21.34	21.25	21.5	2				
20	16QAM	100	0	21.29	21.22	21.13						
20	64QAM	1	0	21.30	21.27	21.24						
20	64QAM	1	49	21.26	21.22	21.31	21.5	2				
20	64QAM	1	99	21.29	21.26	21.23						
20	64QAM	50	0	20.17	20.17	20.11						
20	84QAM	50	24	20.34	20.26	20.15	20.5	3				
20	84QAM	50	50	20.31	20.31	20.23						
20	84QAM	100	0	20.31	20.23	20.14						
Channel												
Frequency (MHz)							2507.5	2535	2562.5			
15	QPSK	1	0	23.25	23.24	23.09	23.5	0				
15	QPSK	1	37	23.20	23.21	23.14						
15	QPSK	1	74	23.17	23.18	23.10						
15	QPSK	36	0	22.17	22.16	22.28	22.5	1				
15	QPSK	36	20	22.21	22.21	22.20						
15	QPSK	36	39	22.25	22.26	22.22						
15	QPSK	75	0	22.28	22.24	22.22	22.5	1				
15	16QAM	1	0	22.25	22.24	22.08						
15	16QAM	1	37	22.26	22.24	22.16						
15	16QAM	1	74	22.26	22.20	22.12	21.5	2				
15	16QAM	36	0	21.22	21.22	21.32						
15	16QAM	36	20	21.31	21.16	21.16						
15	16QAM	36	20	21.31	21.16	21.16	21.5	2				
15	16QAM	36	39	21.24	21.21	21.21						
15	16QAM	75	0	21.22	21.21	21.30						
15	84QAM	1	0	21.34	21.24	20.96	21.5	2				
15	84QAM	1	37	21.07	20.94	21.08						
15	84QAM	1	74	21.18	21.24	21.15						
15	64QAM	1	0	20.02	20.14	20.04	20.5	3				
15	64QAM	36	0	20.28	20.16	20.04						
15	64QAM	36	39	20.27	20.08	19.98						
15	64QAM	75	0	20.06	19.96	20.07	20.5	3				
Channel										2080 <th>2100<th>2140</th></th>	2100 <th>2140</th>	2140
Frequency (MHz)										2505	2535	2565
10	QPSK	1	0	23.23	23.17	23.11	23.5	0				
10	QPSK	1	25	23.14	23.23	23.23						
10	QPSK	1	49	23.26	23.17	23.22						
10	QPSK	25	0	21.85	22.17	21.84	22.5	1				
10	QPSK	25	12	22.07	21.95	22.11						
10	QPSK	25	25	22.17	21.97	21.86						
10	QPSK	50	0	21.75	22.13	21.04	22.5	1				
10	16QAM	1	0	22.24	22.16	22.13						
10	16QAM	1	25	22.13	22.24	22.21						
10	16QAM	1	49	22.24	22.19	22.28	21.5	2				
10	16QAM	25	0	20.86	21.15	20.85						
10	16QAM	25	12	21.09	20.97	21.12						
10	16QAM	25	25	21.18	20.96	20.86	21.5	2				
10	16QAM	50	0	20.73	21.14	21.03						
10	16QAM	1	49	21.05	21.18	21.07						
10	84QAM	1	25	20.91	21.05	20.92	21.5	2				
10	84QAM	1	49	21.28	21.26	21.33						
10	84QAM	25	0	20.25	20.16	20.26						
10	84QAM	25	12	20.24	20.20	20.26	20.5	3				
10	84QAM	25	25	20.26	20.24	20.15						
10	84QAM	50	0	20.17	20.21	20.21						
Channel							2077.5	2100	2142.5			
Frequency (MHz)							2502.5	2535	2547.5			
5	QPSK	1	0	23.21	23.20	23.24	23.5	0				
5	QPSK	1	12	23.17	23.18	23.19						
5	QPSK	1	24	23.17	22.98	22.82						
5	QPSK	12	0	22.31	22.12	22.28	22.5	1				
5	QPSK	12	7	22.29	22.16	22.10						
5	QPSK	12	13	22.26	22.19	21.88						
5	QPSK	25	0	22.01	21.89	22.30	22.5	1				
5	16QAM	1	0	22.30	22.21	22.10						
5	16QAM	1	12	22.12	22.16	22.13						
5	16QAM	24	0	22.31	22.12	22.21	22.5	1				
5	16QAM	12	0	21.12	21.13	20.92						
5	16QAM	12	7	21.00	20.74	20.92						
5	16QAM	12	13	21.04	21.15	20.91	21.5	2				
5	16QAM	25	0	20.84	20.94	20.96						
5	64QAM	1	0	21.24	21.21	21.26						
5	64QAM	1	12	21.28	21.32	21.34	21.5	2				
5	64QAM	1	24	21.16	21.26	21.14						
5	84QAM	12	0	19.86	20.18	20.00						
5	84QAM	12	7	20.19	19.86	20.22	20.5	3				
5	84QAM	12	13	20.17	20.07	20.01						
5	84QAM	25	0	20.24	20.05	20.09						

Band 38_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				37850	38000	38150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.15	23.23	22.96	23.5	0	
20	QPSK	1	49	23.21	22.99	22.98			
20	QPSK	1	99	23.21	23.03	22.97			
20	QPSK	50	0	22.15	22.25	22.08	22.5	1	
20	QPSK	50	24	22.17	22.15	22.11			
20	QPSK	50	50	22.15	22.17	22.09			
20	QPSK	100	0	22.23	22.26	22.12	22.5	1	
20	16QAM	1	0	22.32	22.36	22.19			
20	16QAM	1	49	22.32	22.25	22.22			
20	16QAM	1	99	22.25	22.08	22.19	21.5	2	
20	16QAM	50	0	21.34	21.25	21.14			
20	16QAM	50	24	21.27	21.29	21.17			
20	16QAM	50	50	21.35	21.26	21.25	21.5	2	
20	16QAM	100	0	21.23	21.31	21.04			
20	64QAM	1	0	21.24	21.24	21.11			
20	64QAM	1	49	21.12	21.10	21.07	20.5	3	
20	64QAM	1	99	21.17	21.14	21.14			
20	64QAM	50	0	20.28	20.16	20.01			
20	64QAM	50	24	20.20	20.23	20.11	20.5	3	
20	64QAM	50	50	20.30	20.17	20.19			
20	64QAM	100	0	20.27	20.25	20.21			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.14	23.01	23.07	23.5	0	
15	QPSK	1	37	23.18	23.12	22.95			
15	QPSK	1	74	23.19	23.09	22.89			
15	QPSK	36	0	22.35	22.20	22.13	22.5	1	
15	QPSK	36	20	22.30	22.26	22.21			
15	QPSK	36	39	22.34	22.28	22.11			
15	QPSK	75	0	22.35	22.22	22.18	22.5	1	
15	16QAM	1	0	22.31	22.27	22.21			
15	16QAM	1	37	22.29	22.25	22.14			
15	16QAM	1	74	22.35	22.23	22.15	21.5	2	
15	16QAM	36	0	21.20	21.19	21.22			
15	16QAM	36	20	21.31	21.28	21.15			
15	16QAM	36	39	21.31	21.22	21.17	21.5	2	
15	16QAM	75	0	21.34	21.26	21.10			
15	64QAM	1	0	21.20	20.85	21.04			
15	64QAM	1	37	21.08	20.95	20.85	20.5	3	
15	64QAM	1	74	20.90	20.89	20.83			
15	64QAM	36	0	20.04	19.97	19.94			
15	64QAM	36	20	20.06	19.92	19.84	20.5	3	
15	64QAM	36	39	20.04	19.96	19.83			
15	64QAM	75	0	20.13	20.01	19.94			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.13	23.18	22.94	23.5	0	
10	QPSK	1	25	23.19	22.94	23.08			
10	QPSK	1	49	23.17	23.07	22.97			
10	QPSK	25	0	22.42	22.14	22.13	22.5	1	
10	QPSK	25	12	22.41	22.33	22.22			
10	QPSK	25	25	22.36	22.20	22.20			
10	QPSK	50	0	22.37	22.29	22.13	22.5	1	
10	16QAM	1	0	22.41	22.22	22.18			
10	16QAM	1	25	22.35	22.28	22.24			
10	16QAM	1	49	22.44	22.36	22.20	21.5	2	
10	16QAM	25	0	21.35	21.12	21.24			
10	16QAM	25	12	21.40	21.24	21.27			
10	16QAM	25	25	21.45	21.27	21.11	21.5	2	
10	16QAM	50	0	21.42	21.23	21.20			
10	64QAM	1	0	21.41	21.19	21.12			
10	64QAM	1	25	21.28	21.16	21.19	20.5	3	
10	64QAM	1	49	21.31	21.19	21.11			
10	64QAM	25	0	20.22	20.26	20.14			
10	64QAM	25	12	20.21	20.26	20.28	20.5	3	
10	64QAM	25	25	20.24	20.27	20.12			
10	64QAM	50	0	20.34	20.25	20.18			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.15	23.08	22.98	23.5	0	
5	QPSK	1	12	23.21	23.19	22.94			
5	QPSK	1	24	23.09	23.11	23.06			
5	QPSK	12	0	22.35	22.15	22.12	22.5	1	
5	QPSK	12	7	22.39	22.25	22.07			
5	QPSK	12	13	22.19	22.26	22.10			
5	QPSK	25	0	22.35	22.16	21.90	22.5	1	
5	16QAM	1	0	22.19	22.12	21.83			
5	16QAM	1	12	22.11	22.30	21.90			
5	16QAM	1	24	22.25	22.30	22.13	21.5	2	
5	16QAM	12	0	21.25	21.09	21.10			
5	16QAM	12	7	21.31	21.21	21.09			
5	16QAM	12	13	21.21	21.18	21.12	21.5	2	
5	16QAM	25	0	21.31	21.28	21.08			
5	64QAM	1	0	21.18	21.17	21.35			
5	64QAM	1	12	21.32	21.16	21.30	20.5	3	
5	64QAM	1	24	21.19	21.15	21.28			
5	64QAM	12	0	20.35	20.10	20.03			
5	64QAM	12	7	20.22	20.21	20.09	20.5	3	
5	64QAM	12	13	20.21	20.27	20.16			
5	64QAM	25	0	20.07	20.22	20.03			

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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.19	23.18	23.20	22.76	22.96	23.5	0
20	QPSK	1	49	23.10	23.09	22.93	22.91	23.07		
20	QPSK	1	99	23.14	22.99	22.80	22.88	23.08		
20	QPSK	50	0	22.14	22.30	22.34	22.06	22.26	22.5	1
20	QPSK	50	24	22.32	22.29	22.20	22.07	22.33		
20	QPSK	50	50	22.33	22.28	22.14	22.12	22.32		
20	QPSK	100	0	22.31	22.30	22.32	22.15	22.13	22.5	1
20	16QAM	1	0	22.23	22.14	22.04	21.90	22.16		
20	16QAM	1	49	22.36	22.18	22.14	21.91	22.25		
20	16QAM	1	99	22.26	22.07	22.11	21.89	22.23	22.5	1
20	16QAM	50	0	21.34	21.37	21.08	21.06	21.32		
20	16QAM	50	24	21.35	21.30	21.16	21.07	21.18		
20	16QAM	50	50	21.29	21.25	21.11	21.13	21.32	21.5	2
20	16QAM	100	0	21.33	21.31	21.18	21.16	21.33		
20	64QAM	1	0	21.33	21.13	21.09	20.96	21.12		
20	64QAM	1	49	21.19	21.16	20.98	20.96	21.22	21.5	2
20	64QAM	1	99	21.31	21.18	21.05	21.02	21.19		
20	64QAM	50	0	20.29	20.26	20.10	20.12	20.31		
20	64QAM	50	24	20.29	20.19	20.21	20.04	20.31	20.5	3
20	64QAM	50	50	20.39	20.28	20.13	20.09	20.31		
20	64QAM	100	0	20.35	20.30	20.18	20.13	20.20		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.11	23.04	22.99	22.88	22.97	24	0
15	QPSK	1	37	23.15	23.12	23.06	22.91	22.94		
15	QPSK	1	74	23.12	23.14	23.00	22.84	22.88		
15	QPSK	36	0	22.30	22.31	22.05	21.99	22.10	22.5	1
15	QPSK	36	20	22.31	22.31	22.15	21.95	21.98		
15	QPSK	36	39	22.37	22.23	22.10	21.96	22.08		
15	QPSK	75	0	22.27	22.24	22.13	22.10	22.10	22.5	1
15	16QAM	1	0	22.12	22.08	21.96	21.80	21.94		
15	16QAM	1	37	22.21	22.05	21.87	21.94	21.93		
15	16QAM	1	74	22.20	22.17	22.01	21.95	21.95	21.5	2
15	16QAM	36	0	21.20	21.21	21.06	21.01	20.92		
15	16QAM	36	20	21.21	21.16	21.08	21.02	21.03		
15	16QAM	36	39	21.21	21.19	21.05	21.03	21.04	21.5	2
15	16QAM	75	0	21.34	21.30	21.22	21.15	21.15		
15	64QAM	1	0	21.11	21.25	20.92	20.97	20.92		
15	64QAM	1	37	21.17	21.02	20.86	20.95	20.94	21.5	2
15	64QAM	1	74	21.25	21.17	21.04	20.82	20.87		
15	64QAM	36	0	20.30	20.34	20.06	20.00	19.95		
15	64QAM	36	20	20.28	20.29	20.11	20.11	20.09	20.5	3
15	64QAM	36	39	20.27	20.27	20.10	19.95	19.96		
15	64QAM	75	0	20.32	20.29	20.15	20.02	20.02		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	23.13	23.10	23.11	22.96	22.91	23.50	0
10	QPSK	1	25	23.12	23.10	23.05	22.94	22.91		
10	QPSK	1	49	23.07	23.07	23.04	22.86	22.89		
10	QPSK	25	0	22.31	22.26	22.09	22.03	22.13	22.5	1
10	QPSK	25	12	22.32	22.34	22.19	22.03	22.04		
10	QPSK	25	25	22.34	22.34	22.19	22.13	22.14		
10	QPSK	50	0	22.36	22.30	22.23	22.07	22.17	22.5	1
10	16QAM	1	0	22.33	22.29	22.17	22.10	22.13		
10	16QAM	1	25	22.34	22.38	22.21	22.13	22.09		
10	16QAM	1	49	22.37	22.25	22.11	22.04	22.04	21.5	2
10	16QAM	25	0	21.32	21.35	21.21	21.18	21.21		
10	16QAM	25	12	21.38	21.30	21.25	21.05	21.21		
10	16QAM	25	25	21.38	21.33	21.20	21.17	21.16	21.5	2
10	16QAM	50	0	21.36	21.29	21.26	21.09	21.19		
10	64QAM	1	0	21.05	20.93	21.10	20.85	20.84		
10	64QAM	1	25	21.07	21.00	20.71	20.75	20.78	21.5	2
10	64QAM	1	49	21.00	20.84	20.72	20.80	20.82		
10	64QAM	25	0	20.29	20.26	20.09	20.00	19.97		
10	64QAM	25	12	20.29	20.32	20.12	20.00	20.12	20.5	3
10	64QAM	25	25	20.32	20.23	20.17	20.00	20.12		
10	64QAM	50	0	20.33	20.18	20.14	20.03	20.02		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	23.12	23.14	22.98	23.00	22.99	23.50	0
5	QPSK	1	12	23.04	22.75	23.10	22.71	22.86		
5	QPSK	1	24	23.00	22.93	22.82	22.78	23.00		
5	QPSK	12	0	22.10	21.96	21.96	21.84	21.85	22.5	1
5	QPSK	12	7	22.02	22.07	21.92	21.85	21.72		
5	QPSK	12	13	22.14	21.84	21.83	21.82	21.84		
5	QPSK	25	0	21.96	21.92	21.77	21.74	21.72	22.5	1
5	16QAM	1	0	22.14	22.13	21.96	21.90	21.96		
5	16QAM	1	12	22.07	22.11	22.07	21.88	21.96		
5	16QAM	1	24	22.08	22.13	22.01	21.96	21.91	21.5	2
5	16QAM	12	0	21.12	21.09	20.97	20.80	20.95		
5	16QAM	12	7	21.24	21.10	20.95	20.93	20.81		
5	16QAM	12	13	21.11	21.09	20.97	20.91	20.94	21.5	2
5	16QAM	25	0	21.25	21.09	20.96	20.94	20.93		
5	64QAM	1	0	21.36	21.16	20.97	21.04	21.06		
5	64QAM	1	12	21.18	21.16	21.14	21.05	21.02	21.5	2
5	64QAM	1	24	21.22	21.17	21.14	20.96	20.94		
5	64QAM	12	0	20.07	20.04	19.98	19.81	19.90		
5	64QAM	12	7	20.10	20.16	19.96	19.91	19.80	20.5	3
5	64QAM	12	13	20.22	19.99	19.96	19.85	19.90		
5	64QAM	25	0	20.16	20.06	19.91	19.87	19.90		

GSM1900 Ant 5 DSI3&4

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)								
GSM 1 Tx slot	29.43	29.42	29.34	30.50	20.43	20.42	20.34	21.50
GPRS 1 Tx slot	29.39	29.41	29.33	30.50	20.39	20.41	20.33	21.50
GPRS 2 Tx slots	25.74	25.70	25.78	26.50	19.74	19.70	19.78	20.50
GPRS 3 Tx slots	23.98	24.07	24.00	25.50	19.72	19.81	19.74	21.24
GPRS 4 Tx slots	22.22	22.14	22.11	23.50	19.22	19.14	19.11	20.50
EDGE 1 Tx slot	24.90	25.04	24.95	25.50	15.90	16.04	15.95	16.50
EDGE 2 Tx slots	21.77	21.61	21.62	22.50	15.77	15.61	15.62	16.50
EDGE 3 Tx slots	19.82	20.31	20.26	21.50	15.56	16.05	16.00	17.24
EDGE 4 Tx slots	19.02	19.18	19.14	20.50	16.02	16.18	16.14	17.50

WCDMA II Ant 5 DSI3&4

WCDMA IV Ant 5 DSI3&4

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
TX Channel	9662	9800	9938		1537	1638	1738	
Rx Channel	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
Frequency (MHz)								
3GPP Rel 99 AMR 12.2Kbps	23.74	23.84	23.83	24.50	24.07	24.02	23.94	24.50
3GPP Rel 99 RMC 12.2Kbps	23.85	23.91	23.89	24.50	24.05	24.06	24.08	24.50
3GPP Rel 6 HSDPA Subtest-1	22.74	22.92	22.91	23.50	23.36	23.35	23.28	23.50
3GPP Rel 6 HSDPA Subtest-2	22.76	22.92	22.91	23.50	23.28	23.35	23.25	23.50
3GPP Rel 6 HSDPA Subtest-3	22.25	22.39	22.40	23.00	22.77	22.85	22.77	23.00
3GPP Rel 6 HSDPA Subtest-4	22.23	22.41	22.38	23.00	22.85	22.84	22.76	23.00
3GPP Rel 8 DC-HSDPA Subtest-1	22.72	22.93	22.93	23.50	23.33	23.35	23.30	23.50
3GPP Rel 8 DC-HSDPA Subtest-2	22.76	22.91	22.94	23.50	23.27	23.34	23.25	23.50
3GPP Rel 8 DC-HSDPA Subtest-3	22.28	22.39	22.41	23.00	22.79	22.87	22.78	23.00
3GPP Rel 8 DC-HSDPA Subtest-4	22.24	22.43	22.38	23.00	22.84	22.86	22.76	23.00
3GPP Rel 6 HSUPA Subtest-1	22.92	22.89	22.81	23.50	23.05	23.11	23.02	23.50
3GPP Rel 6 HSUPA Subtest-2	20.98	21.02	21.05	21.50	21.23	21.27	21.28	21.50
3GPP Rel 6 HSUPA Subtest-3	21.95	21.89	21.82	22.50	22.23	22.35	22.25	22.50
3GPP Rel 6 HSUPA Subtest-4	20.99	21.15	21.16	21.50	20.82	20.79	20.96	21.50
3GPP Rel 6 HSUPA Subtest-5	22.45	22.10	22.12	23.50	22.86	22.94	22.87	23.50

Band 4_Ant5 DSI3&4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)							1720	1732.5	1745
20	QPSK	1	0	23.58	23.68	23.62	24	0	
20	QPSK	1	49	23.48	23.35	23.43			
20	QPSK	1	99	23.44	23.35	23.19			
20	QPSK	50	0	22.52	22.67	22.62			
20	QPSK	50	24	22.42	22.63	22.51	23	1	
20	QPSK	50	50	22.28	22.50	22.50			
20	QPSK	100	0	22.27	22.38	22.28			
20	16QAM	1	0	22.65	22.66	22.52			
20	16QAM	1	49	22.60	22.63	22.42	23	1	
20	16QAM	1	99	22.61	22.36	22.39			
20	16QAM	50	0	21.31	21.89	21.40			
20	16QAM	50	24	21.29	21.42	21.54			
20	16QAM	50	50	21.20	21.44	21.39	22	2	
20	16QAM	100	0	21.45	21.47	21.76			
20	64QAM	1	0	21.45	21.73	21.65			
20	64QAM	1	49	21.50	21.35	21.49			
20	64QAM	1	99	21.38	21.54	21.30	21	3	
20	64QAM	50	0	20.58	20.64	20.64			
20	64QAM	50	24	20.53	20.56	20.60			
20	64QAM	50	50	20.60	20.56	20.50			
20	64QAM	100	0	20.60	20.63	20.64			
Channel							20205	20175	20350
Frequency (MHz)							1717.5	1732.5	1747.5
15	QPSK	1	0	23.59	23.61	23.52	24	0	
15	QPSK	1	37	23.40	23.50	23.61			
15	QPSK	1	74	23.47	23.57	23.54			
15	QPSK	36	0	22.57	22.59	22.53			
15	QPSK	36	20	22.56	22.58	22.59	23	1	
15	QPSK	36	39	22.57	22.56	22.57			
15	QPSK	75	0	22.60	22.59	22.51			
15	16QAM	1	0	22.43	22.60	22.44			
15	16QAM	1	37	22.35	22.35	22.14	23	1	
15	16QAM	1	74	22.33	22.25	22.39			
15	16QAM	36	0	21.62	21.61	21.63			
15	16QAM	36	20	21.61	21.64	21.49			
15	16QAM	36	39	21.64	21.47	21.65	22	2	
15	16QAM	75	0	21.65	21.61	21.75			
15	64QAM	1	0	21.80	21.57	21.63			
15	64QAM	1	37	21.74	21.63	21.74			
15	64QAM	1	74	21.73	21.67	21.65	22	2	
15	64QAM	36	0	20.52	20.57	20.42			
15	64QAM	36	20	20.52	20.61	20.35			
15	64QAM	36	39	20.52	20.54	20.50			
15	64QAM	75	0	20.49	20.56	20.59	21	3	
Channel							20000	20015	20350
Frequency (MHz)							1715	1732.5	1750
10	QPSK	1	0	23.51	23.47	23.52	24	0	
10	QPSK	1	25	23.54	23.49	23.35			
10	QPSK	1	49	23.53	23.39	23.55			
10	QPSK	25	0	22.22	22.34	22.23			
10	QPSK	25	12	22.32	22.18	22.35	23	1	
10	QPSK	25	25	22.36	22.21	22.47			
10	QPSK	50	0	22.10	21.93	22.26			
10	16QAM	1	0	22.30	22.39	22.07			
10	16QAM	1	25	22.41	22.19	22.38	23	1	
10	16QAM	1	49	22.31	22.21	22.44			
10	16QAM	25	0	21.62	21.37	21.30			
10	16QAM	25	12	21.40	21.34	21.36			
10	16QAM	25	25	21.38	21.33	21.50	22	2	
10	16QAM	50	0	21.64	21.50	21.27			
10	64QAM	1	0	21.59	21.32	21.39			
10	64QAM	1	25	21.40	21.42	21.23			
10	64QAM	1	49	21.57	21.54	21.51	22	2	
10	64QAM	25	0	20.40	20.40	20.57			
10	64QAM	25	12	20.58	20.55	20.51			
10	64QAM	25	25	20.61	20.51	20.64			
10	64QAM	50	0	20.65	20.39	20.57	21	3	
Channel							19575 <th>19575</th> <th>19575</th>	19575	19575
Frequency (MHz)							1712.5 <th>1732.5<th>1752.5</th></th>	1732.5 <th>1752.5</th>	1752.5
5	QPSK	1	0	23.58	23.57	23.52	24	0	
5	QPSK	1	12	23.54	23.55	23.56			
5	QPSK	1	24	23.52	23.56	23.51			
5	QPSK	12	0	21.98	22.11	22.21			
5	QPSK	12	7	21.86	22.00	22.02	23	1	
5	QPSK	12	13	22.06	22.06	22.20			
5	QPSK	25	0	22.29	22.01	22.28			
5	16QAM	1	0	22.25	22.06	22.06			
5	16QAM	1	12	22.34	22.30	22.22	23	1	
5	16QAM	1	24	22.39	22.54	22.22			
5	16QAM	12	0	21.01	21.18	21.16			
5	16QAM	12	7	21.21	20.99	20.93			
5	16QAM	12	13	21.27	20.88	20.93	22	2	
5	16QAM	25	0	21.01	20.77	20.82			
5	64QAM	1	0	21.01	21.04	21.14			
5	64QAM	1	12	21.12	21.26	21.22			
5	64QAM	1	24	21.10	21.31	21.24	22	2	
5	64QAM	12	0	20.42	20.11	20.09			
5	64QAM	12	7	20.31	20.42	20.31			
5	64QAM	12	13	20.21	20.37	20.21			
5	64QAM	25	0	20.39	20.39	20.39	21	3	
Channel							19965 <th>20175</th> <th>20385</th>	20175	20385
Frequency (MHz)							1711.5	1732.5	1753.5
3	QPSK	1	0	23.67	23.45	23.43	24	0	
3	QPSK	1	8	23.65	23.55	23.58			
3	QPSK	1	14	23.59	23.64	23.36			
3	QPSK	8	0	22.48	22.21	22.26			
3	QPSK	8	4	22.27	22.39	22.13	23	1	
3	QPSK	8	7	22.22	22.33	22.08			
3	QPSK	15	0	22.78	22.72	22.53			
3	16QAM	1	0	22.24	22.25	22.56			
3	16QAM	1	8	22.43	22.57	22.43	23	1	
3	16QAM	1	14	22.12	22.34	22.27			
3	16QAM	8	0	21.03	21.26	20.95			
3	16QAM	8	4	21.12	21.12	21.36			
3	16QAM	8	7	21.06	21.07	20.88	22	2	
3	16QAM	15	0	21.03	21.28	20.82			
3	64QAM	1	0	21.14	21.34	21.12			
3	64QAM	1	8	21.32	21.43	21.00			
3	64QAM	1	14	21.15	21.32	21.01	22	2	
3	64QAM	8	0	20.12	20.29	20.56			
3	64QAM	8	4	20.50	20.09	20.33			
3	64QAM	8	7	20.37	20.39	20.41			
3	64QAM	15	0	20.31	20.30	20.33	21	3	
Channel							19955 <th>20175</th> <th>20393</th>	20175	20393
Frequency (MHz)							1710.7	1732.5	1756.3
1.4	QPSK	1	0	23.49	23.57	23.36	24	0	
1.4	QPSK	1	3	23.40	23.45	23.47			
1.4	QPSK	1	5	23.40	23.49	23.44			
1.4	QPSK	3	0	23.42	23.36	23.24			
1.4	QPSK	3	1	23.16	23.45	23.27	23	1	
1.4	QPSK	3	3	23.12	23.30	23.35			
1.4	QPSK	6	0	22.52	22.53	22.52			
1.4	16QAM	1	0	22.26	22.34	22.57			
1.4	16QAM	1	5	21.38	21.49	21.22	23	1	
1.4	16QAM	1	5	22.18	22.41	22.28			
1.4	16QAM	3	0	22.47	22.48	22.55			
1.4	16QAM	3	1	22.39	22.35	22.58			
1.4	16QAM	3	3	22.39	22.27	22.60	22	2	
1.4	16QAM	6	0	21.34	21.33	21.37			
1.4	64QAM	1	0	21.17	21.25	21.27			
1.4	64QAM	1	3	21.11	21.36	21.41			
1.4	64QAM	1	5	21.33	21.40	21.35	22	2	
1.4	64QAM	3	0	21.17	21.18	21.33			
1.4	64QAM	3	1	21.10	21.14	21.31			
1.4	64QAM	3	3	20.98	21.08	21.20			
1.4	64QAM	6	0	20.36	20.32	20.39	21	3	

Band 7_Ant5 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												
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	23.17	23.26	23.18	23.5	0				
20	QPSK	1	49	23.18	23.23	23.15						
20	QPSK	1	99	23.15	23.21	23.20						
20	QPSK	50	0	22.20	22.35	22.24						
20	QPSK	50	24	22.33	22.27	22.27	22.5	1				
20	QPSK	50	50	22.33	22.28	22.18						
20	QPSK	100	0	22.11	22.20	22.18						
20	16QAM	1	0	22.18	22.24	22.23						
20	16QAM	1	49	22.15	22.19	22.21	22.5	1				
20	16QAM	1	99	22.31	22.16	22.39						
20	16QAM	50	0	21.21	21.24	21.26	21.5	2				
20	16QAM	50	24	21.34	21.28	21.38						
20	16QAM	50	50	21.36	21.29	21.41						
20	16QAM	100	0	21.29	21.26	21.29						
20	64QAM	1	0	21.31	21.33	21.31	21.5	2				
20	64QAM	1	49	21.21	21.32	21.19						
20	64QAM	1	99	21.17	21.31	21.22						
20	64QAM	50	0	20.15	20.32	20.34						
20	64QAM	50	24	20.32	20.26	20.39	20.5	3				
20	64QAM	50	50	20.34	20.26	20.30						
20	64QAM	100	0	20.31	20.22	20.26						
Channel				20825 <th>21100</th> <th>21375</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	21100	21375				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5						
15	QPSK	1	0	23.18	23.18	23.19	23.5	0				
15	QPSK	1	37	23.12	23.19	23.10						
15	QPSK	1	74	23.19	23.18	23.13						
15	QPSK	36	0	22.04	22.06	22.07						
15	QPSK	36	24	21.97	21.94	21.21	22.5	1				
15	QPSK	36	39	22.11	22.02	22.15						
15	QPSK	75	0	22.39	22.01	22.19						
15	16QAM	1	0	22.31	22.12	22.16						
15	16QAM	1	37	22.08	22.15	22.04	22.5	1				
15	16QAM	1	74	22.21	22.45	22.18						
15	16QAM	36	0	20.97	21.15	20.97						
15	16QAM	36	20	21.25	21.06	21.10						
15	16QAM	36	39	21.03	20.95	21.22	21.5	2				
15	16QAM	75	0	21.18	20.81	21.24						
15	64QAM	1	0	21.38	21.10	21.19						
15	64QAM	1	37	21.34	21.07	21.08						
15	64QAM	1	74	21.18	21.29	21.21	21.5	2				
15	64QAM	36	0	20.12	20.15	20.07						
15	64QAM	36	20	20.23	20.23	20.06						
15	64QAM	36	39	20.20	20.34	20.06						
15	64QAM	75	0	20.12	20.08	20.08	20.5	3				
Channel				20810	21100	21490				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565						
10	QPSK	1	0	23.10	23.15	23.17				23.5	0	
10	QPSK	1	25	23.14	23.18	23.12						
10	QPSK	1	49	23.18	23.16	23.13						
10	QPSK	25	0	21.63	21.85	21.60						
10	QPSK	25	12	21.77	21.91	21.66	22.5	1				
10	QPSK	25	25	21.53	21.70	21.71						
10	QPSK	50	0	21.53	21.91	21.85						
10	16QAM	1	0	21.91	21.92	21.91						
10	16QAM	1	25	21.67	21.76	22.16	22.5	1				
10	16QAM	1	49	21.83	21.78	21.88						
10	16QAM	25	0	21.01	20.91	21.16						
10	16QAM	25	12	21.09	20.94	20.97						
10	16QAM	25	25	21.09	20.92	21.25	21.5	2				
10	16QAM	50	0	21.07	20.79	20.96						
10	64QAM	1	0	21.15	21.10	21.07						
10	64QAM	1	25	20.71	21.13	20.79						
10	64QAM	1	49	20.96	21.06	21.02	21.5	2				
10	64QAM	25	0	19.82	19.86	19.90						
10	64QAM	25	12	19.88	19.96	20.14						
10	64QAM	25	25	19.87	20.07	20.26						
10	64QAM	50	0	19.87	19.91	20.12	20.5	3				
Channel				20775 <th>21100</th> <th>21425</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	21100	21425				Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5						
5	QPSK	1	0	23.17	23.07	23.07				23.5	0	
5	QPSK	1	12	23.12	23.07	23.19						
5	QPSK	1	24	23.18	23.14	23.17						
5	QPSK	12	0	22.27	22.01	22.06						
5	QPSK	12	7	22.36	21.95	22.31	22.5	1				
5	QPSK	12	13	22.13	22.29	22.08						
5	QPSK	25	0	22.31	21.83	22.10						
5	16QAM	1	0	22.29	22.23	22.02						
5	16QAM	1	12	22.20	22.22	22.04	22.5	1				
5	16QAM	1	24	22.31	22.20	22.19						
5	16QAM	12	0	20.90	21.11	21.14						
5	16QAM	12	7	21.20	20.94	21.20						
5	16QAM	12	13	21.18	21.03	21.01	21.5	2				
5	16QAM	25	0	21.34	21.27	21.04						
5	64QAM	1	0	21.24	21.12	21.26						
5	64QAM	1	12	21.33	21.08	21.33						
5	64QAM	24	0	21.16	21.10	21.07	21.5	2				
5	64QAM	12	0	20.29	20.18	20.26						
5	64QAM	12	7	20.25	20.23	20.32						
5	64QAM	12	13	20.42	20.28	20.46						
5	64QAM	25	0	20.04	20.01	20.00	20.5	3				

Band 38_Ant5 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				37850	38000	38150	23.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	23.32	23.33	23.27	22.5	1	
20	QPSK	1	49	23.17	23.25	23.18			
20	QPSK	1	99	23.18	23.20	23.09			
20	QPSK	50	0	22.23	22.33	22.25			
20	QPSK	50	24	22.31	22.32	22.25			
20	QPSK	50	50	22.32	22.27	22.21	22.5	1	
20	QPSK	100	0	22.29	22.30	22.24			
20	16QAM	1	0	22.20	22.33	22.25			
20	16QAM	1	49	22.31	22.34	22.29			
20	16QAM	1	99	22.25	22.30	22.21			
20	16QAM	50	0	21.30	21.36	21.29	21.5	2	
20	16QAM	50	24	21.38	21.36	21.30			
20	16QAM	50	50	21.39	21.30	21.25			
20	16QAM	100	0	21.31	21.32	21.26			
20	64QAM	1	0	21.24	21.26	21.24			
20	64QAM	1	49	21.15	21.25	21.25	21.5	2	
20	64QAM	1	99	21.15	21.20	21.16			
20	64QAM	50	0	20.27	20.31	20.22			
20	64QAM	50	24	20.22	20.38	20.39			
20	64QAM	50	50	20.29	20.35	20.36			
20	64QAM	100	0	20.34	20.35	20.22	20.5	3	
Channel				37825	38000	38175			
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	23.31	23.27	23.15	23.5	0	
15	QPSK	1	37	23.27	23.19	23.07			
15	QPSK	1	74	23.26	23.16	23.06			
15	QPSK	36	0	22.39	22.32	22.29			
15	QPSK	36	20	22.35	22.37	22.28			
15	QPSK	36	39	22.35	22.35	22.23	22.5	1	
15	QPSK	75	0	22.38	22.39	22.26			
15	16QAM	1	0	22.36	22.31	22.27			
15	16QAM	1	37	22.39	22.29	22.17			
15	16QAM	1	74	22.32	22.29	22.23			
15	16QAM	36	0	21.38	21.28	21.27	21.5	2	
15	16QAM	36	20	21.23	21.32	21.26			
15	16QAM	36	39	21.30	21.32	21.20			
15	16QAM	75	0	21.30	21.32	21.31			
15	64QAM	1	0	21.18	21.13	21.12			
15	64QAM	1	37	21.21	21.19	21.06	21.5	2	
15	64QAM	1	74	21.15	21.17	21.00			
15	64QAM	36	0	20.31	20.21	20.23			
15	64QAM	36	20	20.36	20.26	20.17			
15	64QAM	36	39	20.35	20.25	20.14			
15	64QAM	75	0	20.31	20.29	20.21	20.5	3	
Channel				37800	38000	38200			
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	23.29	23.20	23.13	23.5	0	
10	QPSK	1	25	23.31	23.21	23.12			
10	QPSK	1	49	23.31	23.25	23.13			
10	QPSK	25	0	22.37	22.32	22.18			
10	QPSK	25	12	22.35	22.39	22.29			
10	QPSK	25	25	22.24	22.36	22.27	22.5	1	
10	QPSK	50	0	22.25	22.38	22.29			
10	16QAM	1	0	22.27	22.36	22.29			
10	16QAM	1	25	22.25	22.30	22.27			
10	16QAM	1	49	22.22	22.30	22.26			
10	16QAM	25	0	21.38	21.29	21.20	21.5	2	
10	16QAM	25	12	21.37	21.35	21.30			
10	16QAM	25	25	21.35	21.39	21.27			
10	16QAM	50	0	21.37	21.32	21.32			
10	64QAM	1	0	21.29	21.25	21.19			
10	64QAM	1	25	21.32	21.23	21.13	21.5	2	
10	64QAM	1	49	21.31	21.26	21.16			
10	64QAM	25	0	20.37	20.29	20.19			
10	64QAM	25	12	20.37	20.32	20.28			
10	64QAM	25	25	20.31	20.35	20.23			
10	64QAM	50	0	20.24	20.36	20.25	20.5	3	
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	23.27	23.31	23.16	23.5	0	
5	QPSK	1	12	23.25	23.23	23.05			
5	QPSK	1	24	23.28	23.21	23.10			
5	QPSK	12	0	22.39	22.31	22.12			
5	QPSK	12	7	22.34	22.39	22.26			
5	QPSK	12	13	22.30	22.31	22.21	22.5	1	
5	QPSK	25	0	22.36	22.30	22.18			
5	16QAM	1	0	22.29	22.21	22.11			
5	16QAM	1	12	22.38	22.31	22.20			
5	16QAM	1	24	22.35	22.32	22.12			
5	16QAM	12	0	21.38	21.32	21.09	21.5	2	
5	16QAM	12	7	21.23	21.39	21.28			
5	16QAM	12	13	21.34	21.33	21.19			
5	16QAM	25	0	21.37	21.39	21.25			
5	64QAM	1	0	21.32	21.31	21.20			
5	64QAM	1	12	21.34	21.30	21.27	21.5	2	
5	64QAM	1	24	21.38	21.38	21.29			
5	64QAM	12	0	20.35	20.35	20.10			
5	64QAM	12	7	20.36	20.37	20.26			
5	64QAM	12	13	20.30	20.28	20.17			
5	64QAM	25	0	20.30	20.31	20.18	20.5	3	
Channel				37750	38000	38250			
Frequency (MHz)				25700	25950	26200	Tune-up limit (dBm)	MPR (dB)	

Band 41_Ant5 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	23.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	23.08	22.86	23.24	23.12	23.13	22.5	1
20	QPSK	1	49	23.08	22.87	22.99	22.94	22.95		
20	QPSK	1	99	23.10	23.01	22.92	23.11	22.92		
20	QPSK	50	0	22.19	22.06	22.21	21.99	21.98		
20	QPSK	50	24	22.26	22.15	22.04	21.89	21.97		
20	QPSK	50	50	22.26	22.09	22.11	21.89	21.94	22.5	1
20	QPSK	100	0	22.18	22.10	22.22	21.96	21.94		
20	16QAM	1	0	22.39	22.11	22.30	22.16	22.06		
20	16QAM	1	49	22.38	22.20	22.17	22.06	22.04		
20	16QAM	1	99	22.32	22.14	22.06	22.08	22.04		
20	16QAM	50	0	21.29	21.15	20.99	20.92	20.99	21.5	2
20	16QAM	50	24	21.34	21.18	21.03	21.00	20.98		
20	16QAM	50	50	21.30	21.16	21.05	20.93	20.99		
20	16QAM	100	0	21.23	21.08	21.09	20.98	20.98		
20	64QAM	1	0	21.23	21.06	21.21	20.93	20.85		
20	64QAM	1	49	21.31	21.10	21.05	20.97	20.98	21.5	2
20	64QAM	1	99	21.25	21.07	21.16	20.99	20.97		
20	64QAM	50	0	20.36	20.14	20.12	20.08	20.06		
20	64QAM	50	24	20.33	20.23	20.19	20.09	20.06		
20	64QAM	50	50	20.35	20.18	20.15	19.95	20.05		
20	64QAM	100	0	20.34	20.23	20.16	20.10	20.06	20.5	3
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	23.08	22.98	22.87	22.90	22.86	23.50	0
15	QPSK	1	37	23.05	23.01	22.88	22.90	22.84		
15	QPSK	1	74	23.01	22.97	23.00	22.84	22.83		
15	QPSK	36	0	22.14	22.08	22.04	21.84	21.95	22.5	1
15	QPSK	36	20	22.29	22.07	22.01	21.88	21.94		
15	QPSK	36	39	22.20	22.08	21.97	21.88	21.83		
15	QPSK	75	0	22.24	22.11	22.02	21.88	21.96		
15	16QAM	1	0	22.02	21.87	21.85	21.69	21.74		
15	16QAM	1	37	21.95	21.81	21.74	21.77	21.69	22.5	1
15	16QAM	1	74	22.01	21.99	21.96	21.65	21.76		
15	16QAM	36	0	21.35	21.17	21.03	20.93	21.04		
15	16QAM	36	20	21.33	21.17	21.11	21.08	21.03	21.5	2
15	16QAM	36	39	21.35	21.17	21.14	21.06	21.04		
15	16QAM	75	0	21.24	21.07	21.01	20.90	20.95		
15	64QAM	1	0	21.12	20.93	20.90	20.81	20.84		
15	64QAM	1	37	21.13	20.97	20.84	20.72	20.80		
15	64QAM	1	74	21.08	21.00	21.02	20.79	20.83	21.5	2
15	64QAM	36	0	20.13	20.05	19.95	19.84	19.95		
15	64QAM	36	20	20.14	20.15	20.03	19.89	19.93		
15	64QAM	36	39	20.25	20.04	20.10	19.96	19.93	20.5	3
15	64QAM	75	0	20.26	20.17	20.04	19.91	19.99		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	23.50	0
10	QPSK	1	0	23.09	22.90	22.90	22.74	22.78		
10	QPSK	1	25	22.98	22.97	22.96	22.69	22.82	22.5	1
10	QPSK	1	49	23.05	22.89	22.81	22.79	22.78		
10	QPSK	25	0	21.99	21.87	21.91	21.77	21.78		
10	QPSK	25	12	22.15	21.93	21.90	21.74	21.81		
10	QPSK	25	25	21.98	21.91	21.92	21.68	21.78		
10	QPSK	50	0	22.09	22.00	21.87	21.79	21.80	22.5	1
10	16QAM	1	0	22.12	21.93	21.87	21.76	21.82		
10	16QAM	1	25	22.01	21.93	21.94	21.85	21.82		
10	16QAM	1	49	22.06	21.95	21.91	21.83	21.77		
10	16QAM	25	0	20.99	20.85	20.88	20.79	20.74		
10	16QAM	25	12	20.96	20.90	20.86	20.68	20.77	21.5	2
10	16QAM	25	25	20.96	20.90	20.69	20.78	20.72		
10	16QAM	50	0	20.92	20.87	20.80	20.65	20.75		
10	64QAM	1	0	21.25	21.14	20.89	21.04	21.02		
10	64QAM	1	25	21.23	21.12	21.17	20.95	20.98		
10	64QAM	1	49	21.21	21.16	21.09	21.04	20.97	21.5	2
10	64QAM	25	0	20.18	19.94	19.87	19.73	19.81		
10	64QAM	25	12	20.05	19.99	19.96	19.77	19.83		
10	64QAM	25	25	20.19	19.98	19.80	19.71	19.84		
10	64QAM	50	0	20.17	19.94	19.92	19.78	19.81		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	23.50	0
5	QPSK	1	0	22.83	22.77	22.71	22.51	22.62		
5	QPSK	1	12	22.83	22.87	22.72	22.54	22.63	22.5	1
5	QPSK	1	24	22.82	22.75	22.65	22.66	22.61		
5	QPSK	12	0	22.12	21.95	21.82	21.82	21.78		
5	QPSK	12	7	22.00	21.97	21.88	21.67	21.79		
5	QPSK	12	13	22.10	21.94	21.82	21.81	21.77		
5	QPSK	25	0	22.09	21.89	21.80	21.76	21.72	22.5	1
5	16QAM	1	0	22.05	21.82	21.74	21.73	21.69		
5	16QAM	1	12	21.90	21.87	21.81	21.74	21.70		
5	16QAM	1	24	22.06	21.82	21.77	21.73	21.68		
5	16QAM	12	0	21.11	20.92	20.80	20.79	20.76		
5	16QAM	12	7	20.98	20.99	20.89	20.68	20.77	21.5	2
5	16QAM	12	13	21.08	20.88	20.81	20.79	20.76		
5	16QAM	25	0	21.00	20.95	20.87	20.83	20.79		
5	64QAM	1	0	20.83	20.74	20.71	20.66	20.64		
5	64QAM	1	12	20.84	20.86	20.79	20.57	20.66		
5	64QAM	1	24	20.85	20.76	20.69	20.52	20.63	21.5	2
5	64QAM	12	0	20.00	19.78	19.71	19.71	19.66		
5	64QAM	12	7	19.88	19.90	19.80	19.57	19.69		
5	64QAM	12	13	20.02	19.79	19.72	19.69	19.65		
5	64QAM	25	0	19.99	19.78	19.71	19.67	19.63		

Band 42_Ant6 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.45	23.58	23.78		
20	QPSK	1	49	23.51	23.74	23.80	25	0
20	QPSK	1	99	23.52	23.72	23.82		
20	QPSK	50	0	22.74	23.12	22.94		
20	QPSK	50	24	22.72	22.95	23.09		
20	QPSK	50	50	22.91	23.11	23.00	24	1
20	QPSK	100	0	22.73	23.09	22.94		
20	16QAM	1	0	22.70	22.90	23.07		
20	16QAM	1	49	22.76	22.95	23.08		
20	16QAM	1	99	22.76	22.93	23.03	24	1
20	16QAM	50	0	21.88	21.88	22.05		
20	16QAM	50	24	21.88	22.07	22.22		
20	16QAM	50	50	22.06	22.25	22.27		
20	16QAM	100	0	21.88	22.07	22.21	23	2
20	64QAM	1	0	21.89	21.90	22.06		
20	64QAM	1	49	21.74	21.93	22.06		
20	64QAM	1	99	21.75	21.91	22.01		
20	64QAM	50	0	21.04	21.04	21.19		
20	64QAM	50	24	21.04	21.22	21.36		
20	64QAM	50	50	21.23	21.41	21.42		
20	64QAM	100	0	21.14	21.33	21.46	22	3
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.62	23.69	23.84		
15	QPSK	1	37	23.62	23.69	23.82	25	0
15	QPSK	1	74	23.66	23.71	23.80		
15	QPSK	36	0	22.88	22.96	23.11		
15	QPSK	36	20	22.89	22.96	23.10		
15	QPSK	36	39	23.18	23.24	23.34	24	1
15	QPSK	75	0	23.02	23.09	23.21		
15	16QAM	1	0	22.81	22.86	23.00		
15	16QAM	1	37	22.83	22.89	23.00		
15	16QAM	1	74	22.88	22.91	22.99	24	1
15	16QAM	36	0	21.96	22.03	22.18		
15	16QAM	36	20	21.98	22.04	22.18		
15	16QAM	36	39	22.27	22.32	22.44		
15	16QAM	75	0	22.16	22.22	22.35	23	2
15	64QAM	1	0	21.81	21.87	22.03		
15	64QAM	1	37	21.82	21.88	22.01		
15	64QAM	1	74	21.85	21.89	22.00		
15	64QAM	36	0	21.21	21.27	21.43		
15	64QAM	36	20	21.22	21.28	21.43		
15	64QAM	36	39	21.52	21.56	21.69		
15	64QAM	75	0	21.37	21.42	21.57	22	3
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.38	23.67	23.79		
10	QPSK	1	25	23.40	23.67	23.77	25	0
10	QPSK	1	49	23.44	23.70	23.77		
10	QPSK	25	0	22.67	22.86	22.98		
10	QPSK	25	12	22.63	22.90	22.80		
10	QPSK	25	25	22.78	23.04	23.05	24	1
10	QPSK	50	0	22.68	22.96	23.07		
10	16QAM	1	0	22.61	22.67	22.98		
10	16QAM	1	25	22.63	22.88	22.98		
10	16QAM	1	49	22.64	22.88	22.95	24	1
10	16QAM	25	0	21.71	21.98	22.11		
10	16QAM	25	12	21.77	22.04	22.16		
10	16QAM	25	25	21.93	22.19	22.19		
10	16QAM	50	0	21.83	22.09	22.21	23	2
10	64QAM	1	0	21.60	21.86	21.98		
10	64QAM	1	25	21.61	21.86	21.97		
10	64QAM	1	49	21.63	21.87	21.96		
10	64QAM	25	0	20.88	21.15	21.27		
10	64QAM	25	12	20.94	21.20	21.32		
10	64QAM	25	25	21.09	21.35	21.35		
10	64QAM	50	0	20.99	21.25	21.37	22	3
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.46	23.71	23.75		
5	QPSK	1	12	23.41	23.65	23.68	25	0
5	QPSK	1	24	23.57	23.80	23.81		
5	QPSK	12	0	22.56	22.82	22.88		
5	QPSK	12	7	22.63	22.89	22.93		
5	QPSK	12	13	22.68	22.93	22.97	24	1
5	QPSK	25	0	22.61	22.87	22.91		
5	16QAM	1	0	22.63	22.88	22.90		
5	16QAM	1	12	22.63	22.87	22.88		
5	16QAM	1	24	22.97	23.08	23.05	24	1
5	16QAM	12	0	21.65	21.91	21.95		
5	16QAM	12	7	21.71	21.97	22.01		
5	16QAM	12	13	21.77	22.03	22.06		
5	16QAM	25	0	21.76	22.02	22.06	23	2
5	64QAM	1	0	21.66	21.91	21.94		
5	64QAM	1	12	21.61	21.86	21.89		
5	64QAM	1	24	21.83	22.07	22.08		
5	64QAM	12	0	20.85	21.12	21.16		
5	64QAM	12	7	20.93	21.19	21.23		
5	64QAM	12	13	20.98	21.24	21.26		
5	64QAM	25	0	20.92	21.18	21.21	22	3

Band 2_Ant8 DS14														
BW [MHz]	Modulation	RB Size	RB Offset	Power Ch./Freq.	Power Ch./Freq.	Power Ch./Freq.	Turn-on Time (dB)	MFR (dB)						
Channel														
Frequency (MHz)	1880	1880	1880											
20 QPSK	1	0	24.27	24.28	24.28		25	0						
20 QPSK	1	46	24.27	24.28	24.28									
20 QPSK	1	96	24.22	24.25	24.30		24	1						
20 QPSK	50	0	23.98	23.93	23.91									
20 QPSK	50	24	23.96	23.94	23.92									
20 QPSK	50	50	23.96	23.98	23.95									
20 TQAM	1	0	22.97	23.02	23.19		24	1						
20 TQAM	1	46	23.10	23.08	23.23									
20 TQAM	1	50	23.00	23.01	23.00									
20 TQAM	50	0	22.93	22.93	23.00									
20 TQAM	50	24	22.96	22.92	22.97									
20 TQAM	50	50	22.94	22.91	22.95		23	2						
20 TQAM	100	0	22.94	22.91	22.95									
20 TQAM	100	0	22.96	22.92	22.95									
20 TQAM	100	0	22.94	22.91	22.95									
20 TQAM	1	46	21.99	22.02	21.95		23	2						
20 TQAM	1	50	22.11	21.91	22.02									
20 TQAM	50	0	22.01	21.93	22.06									
20 TQAM	50	24	21.95	21.93	21.91									
20 TQAM	50	50	21.96	21.91	21.95		22	3						
20 TQAM	100	0	21.93	21.92	21.99									
Channel														
Frequency (MHz)	18875	18900	18925	Turn-on Time (dB)	MFR (dB)									
15 QPSK	1	0	24.30	24.30	24.22	25	0							
15 QPSK	1	37	24.24	24.18	24.28									
15 QPSK	1	74	24.30	24.18	24.26	24	1							
15 QPSK	36	0	23.96	23.92	23.91									
15 QPSK	36	20	23.45	23.38	23.52									
15 QPSK	36	50	23.58	23.40	23.56									
15 QPSK	75	0	23.46	23.33	23.59	24	1							
15 TQAM	1	0	23.02	23.15	23.12									
15 TQAM	1	37	23.46	23.48	23.32									
15 TQAM	1	74	23.45	23.48	23.32									
15 TQAM	36	0	22.09	22.17	22.10	23	2							
15 TQAM	36	24	22.08	22.06	22.04									
15 TQAM	36	50	22.26	22.16	22.18									
15 TQAM	75	0	22.20	22.22	22.18									
15 TQAM	75	0	22.30	22.22	22.18	23	2							
15 TQAM	1	37	22.13	22.21	22.13									
15 TQAM	1	46	22.36	22.10	22.27									
15 TQAM	36	20	21.27	21.19	21.18									
15 TQAM	36	20	21.27	21.19	21.18	22	3							
15 TQAM	36	50	21.28	21.18	21.15									
15 TQAM	75	0	21.28	21.16	21.13									
15 TQAM	75	0	21.28	21.16	21.13									
Channel														
Frequency (MHz)	18950	18960	18970	Turn-on Time (dB)	MFR (dB)									
10 QPSK	1	0	24.27	24.13	24.27	25	0							
10 QPSK	1	25	24.27	24.13	24.11									
10 QPSK	1	50	23.97	23.92	23.94	24	1							
10 QPSK	25	0	23.97	23.92	23.94									
10 QPSK	25	12	23.49	23.41	23.50									
10 QPSK	25	12	23.48	23.38	23.58									
10 QPSK	50	0	23.45	23.46	23.21	24	1							
10 TQAM	1	0	22.76	22.69	22.87									
10 TQAM	1	46	22.96	22.96	22.97									
10 TQAM	1	46	22.92	23.05	22.87									
10 TQAM	25	0	22.74	22.68	22.93	23	2							
10 TQAM	25	14	22.50	22.22	22.18									
10 TQAM	25	20	22.94	21.88	22.95									
10 TQAM	50	0	22.76	22.69	22.87									
10 TQAM	1	0	22.18	22.09	22.02	23	2							
10 TQAM	1	25	22.00	21.87	22.09									
10 TQAM	25	0	21.95	21.09	21.10									
10 TQAM	25	12	21.26	21.28	21.08									
10 TQAM	25	12	21.08	21.25	21.08	22	3							
10 TQAM	50	0	21.12	21.01	21.11									
Channel														
Frequency (MHz)	18975	18980	18975	Turn-on Time (dB)	MFR (dB)									
5 QPSK	1	0	24.24	24.13	24.18	25	0							
5 QPSK	1	12	24.03	24.05	24.18									
5 QPSK	1	24	24.16	24.22	24.18	24	1							
5 QPSK	12	0	23.97	23.92	23.98									
5 QPSK	12	7	23.21	23.27	23.12									
5 QPSK	12	7	23.12	23.18	23.21									
5 QPSK	25	0	23.25	23.05	23.05	24	1							
5 TQAM	1	0	22.97	22.97	23.07									
5 TQAM	1	12	23.31	23.31	23.53									
5 TQAM	1	24	23.18	23.44	23.41									
5 TQAM	12	0	22.96	22.96	23.05	23	2							
5 TQAM	12	7	22.45	22.36	22.28									
5 TQAM	12	13	22.26	22.30	22.52									
5 TQAM	25	0	22.49	22.07	22.05									
5 TQAM	1	0	22.44	22.17	22.14	23	2							
5 TQAM	1	12	22.55	22.58	22.45									
5 TQAM	25	0	22.26	22.37	22.38									
5 TQAM	25	0	22.26	22.37	22.38									
5 TQAM	12	0	21.21	21.17	21.14	22	3							
5 TQAM	12	13	21.25	21.20	21.15									
5 TQAM	25	0	21.23	21.14	21.11									
5 TQAM	25	0	21.23	21.14	21.11									
Channel														
Frequency (MHz)	18975	18980	18975	Turn-on Time (dB)	MFR (dB)									
3 QPSK	1	0	24.32	24.20	24.23	25	0							
3 QPSK	1	8	24.21	24.25	24.27									
3 QPSK	1	14	24.25	24.26	24.25	24	1							
3 QPSK	8	0	23.91	23.93	23.98									
3 QPSK	8	4	23.33	23.28	23.40									
3 QPSK	8	7	23.55	23.22	23.44									
3 TQAM	1	0	23.48	23.53	23.37	24	1							
3 TQAM	1	8	23.28	23.28	23.48									
3 TQAM	1	14	23.30	23.39	23.30									
3 TQAM	8	0	22.36	22.27	22.65									
3 TQAM	8	4	22.44	22.38	22.34	23	2							
3 TQAM	8	7	22.26	22.28	22.05									
3 TQAM	15	0	22.33	22.21	22.22									
3 TQAM	1	0	22.22	22.29	22.54									
3 TQAM	1	8	22.85	22.17	22.61	23	2							
3 TQAM	1	14	22.3	22.05	22.26									
3 TQAM	8	0	21.47	21.29	21.34	24	1							
3 TQAM	8	4	21.47	21.42	21.30									
3 TQAM	8	7	21.27	21.31	21.34									
3 TQAM	15	0	21.27	21.28	21.27									
Channel														
Frequency (MHz)	18975	18980	18975	Turn-on Time (dB)	MFR (dB)									
1.4 QPSK	1	0	24.30	24.26	24.30	25	0							
1.4 QPSK	1	3	24.27	24.26	24.21									
1.4 QPSK	1	6	24.26	24.03	24.18	24	1							
1.4 QPSK	3	0	23.95	23.95	23.93									
1.4 QPSK	3	1	24.24	24.24	24.25									
1.4 QPSK	3	3	24.26	24.24	24.16									
1.4 TQAM	1	0	23.22	23.16	23.16	24	1							
1.4 TQAM	1	0	23.13	23.22	23.40									
1.4 TQAM	1	3	23.21	23.10	23.24									
1.4 TQAM	3	0	23.30	23.30	23.30									
1.4 TQAM	3	1	23.40	23.22	23.13	24	1							
1.4 TQAM	3	1	23.41	23.16	23.25									
1.4 TQAM	3	1	23.41	23.16	23.25									
1.4 TQAM	3	1	23.41	23.16	23.25									
1.4 TQAM	6	0	22.23	22.22	22.35	23	2							
1.4 TQAM	6	0	22.23	22.22	22.35									
1.4 TQAM	6	1	22.23	22.22	22.35									
1.4 TQAM	6	1	21.97	21.98	22.19									
1.4 TQAM	1	0	22.05	22.05	22.18	23	2							
1.4 TQAM	1	3	22.05	22.05	22.18									
1.4 TQAM	1	6	22.05	22.05	22.18									
1.4 TQAM	1	3	22.05	22.05	22.18									
1.4 TQAM	3	1	22.22	22.04	22.11	22	3							
1.4 TQAM	3	3	21.85	22.07	22.11									
1.4 TQAM	3	6	22.05	22.05	22.18									
1.4 TQAM	3	6	22.05	22.05	22.18									

Band 38_Ant8 Full									
BW [MHz]	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	24.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	24.24	24.27	24.15			
20	QPSK	1	49	24.06	23.91	23.89	23.5	1	
20	QPSK	1	99	24.03	23.87	23.93			
20	QPSK	50	0	23.24	23.26	23.19			
20	QPSK	50	24	23.26	23.18	22.96	23.5	1	
20	QPSK	50	50	23.23	23.15	23.06			
20	QPSK	100	0	23.17	23.20	22.94			
20	16QAM	1	0	23.28	23.29	23.19	23.5	1	
20	16QAM	1	49	23.25	23.23	22.97			
20	16QAM	1	99	23.16	23.24	23.06			
20	16QAM	50	0	22.22	22.17	22.15	22.5	2	
20	16QAM	50	24	22.24	22.25	22.01			
20	16QAM	50	50	22.26	22.24	22.11			
20	16QAM	100	0	22.25	22.25	22.04	22.5	2	
20	16QAM	1	0	22.29	22.25	22.01			
20	16QAM	1	49	22.25	22.16	22.16			
20	16QAM	1	99	22.20	22.08	22.10	21.5	3	
20	16QAM	50	0	21.35	21.21	21.05			
20	16QAM	50	24	21.22	21.31	21.16			
20	16QAM	50	50	21.39	21.26	21.11	21.5	3	
20	16QAM	100	0	21.27	21.35	21.08			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5	24.5	0	
15	QPSK	1	0	24.14	24.02	23.93			
15	QPSK	1	37	24.18	24.01	23.90	23.5	1	
15	QPSK	1	74	24.00	23.97	23.93			
15	QPSK	36	0	23.18	23.08	23.08			
15	QPSK	36	20	23.28	23.13	23.08	23.5	1	
15	QPSK	36	39	23.25	23.17	23.00			
15	QPSK	75	0	23.32	23.24	23.10			
15	16QAM	1	0	23.40	23.09	23.16	23.5	1	
15	16QAM	1	37	23.27	23.09	23.10			
15	16QAM	1	74	23.17	23.25	23.04			
15	16QAM	36	0	22.00	21.96	21.94	22.5	2	
15	16QAM	36	20	22.09	21.92	21.76			
15	16QAM	36	39	21.99	21.89	21.77			
15	16QAM	75	0	22.06	21.96	21.88	22.5	2	
15	16QAM	1	0	22.06	21.95	21.86			
15	16QAM	1	37	22.07	22.01	21.90			
15	16QAM	1	74	21.97	21.82	21.86	21.5	3	
15	16QAM	36	0	21.01	20.93	20.87			
15	16QAM	36	20	21.06	20.98	20.84			
15	16QAM	36	39	21.05	20.92	20.81	21.5	3	
15	16QAM	75	0	21.12	20.99	20.92			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615	24.5	0	
10	QPSK	1	0	24.20	24.00	23.96			
10	QPSK	1	25	24.08	24.22	23.92	23.5	1	
10	QPSK	1	49	24.19	23.94	23.86			
10	QPSK	25	0	23.09	22.99	22.88			
10	QPSK	25	12	23.06	23.06	22.85	23.5	1	
10	QPSK	25	25	23.13	23.04	22.90			
10	QPSK	50	0	23.12	22.97	22.85			
10	16QAM	1	0	23.25	23.01	22.95	23.5	1	
10	16QAM	1	25	23.11	23.01	22.88			
10	16QAM	1	49	23.28	23.03	22.94			
10	16QAM	25	0	22.14	21.97	21.88	22.5	2	
10	16QAM	25	12	22.00	22.05	21.91			
10	16QAM	25	25	22.12	21.95	21.89			
10	16QAM	50	0	22.21	22.03	21.92	22.5	2	
10	16QAM	1	0	22.24	22.00	22.26			
10	16QAM	1	25	22.31	22.24	22.07			
10	16QAM	1	49	22.14	22.29	21.89	21.5	3	
10	16QAM	25	0	21.14	20.95	20.82			
10	16QAM	25	12	21.11	21.00	20.86			
10	16QAM	25	25	21.08	20.99	20.71	21.5	3	
10	16QAM	50	0	21.02	21.00	20.84			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5	24.5	0	
5	QPSK	1	0	24.25	24.04	23.87			
5	QPSK	1	12	24.15	24.05	23.88	23.5	1	
5	QPSK	1	24	24.04	24.08	23.92			
5	QPSK	12	0	23.17	22.90	23.05			
5	QPSK	12	7	23.37	23.17	23.00	23.5	1	
5	QPSK	12	13	23.23	23.14	23.01			
5	QPSK	25	0	23.24	23.02	22.85			
5	16QAM	1	0	22.91	22.98	22.67	23.5	1	
5	16QAM	1	12	22.91	22.70	22.74			
5	16QAM	1	24	23.05	22.82	22.69			
5	16QAM	12	0	22.29	21.98	21.93	22.5	2	
5	16QAM	12	7	22.33	22.07	21.96			
5	16QAM	12	13	22.26	22.19	21.87			
5	16QAM	25	0	22.31	22.19	21.97	22.5	2	
5	16QAM	1	0	22.16	22.04	21.86			
5	16QAM	1	12	22.12	22.03	21.94			
5	16QAM	1	24	21.74	21.71	21.82	21.5	3	
5	16QAM	12	0	21.19	21.09	20.98			
5	16QAM	12	7	21.25	21.28	20.98			
5	16QAM	12	13	21.26	21.10	20.88	21.5	3	
5	16QAM	25	0	21.29	21.01	20.91			

Band 41_Ant8_Full										
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	24.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	24.18	24.18	24.32	24.30	24.29	24.5	0
20	QPSK	1	49	24.13	24.10	24.06	23.93	24.06		
20	QPSK	1	99	24.14	24.10	24.08	23.94	24.09		
20	QPSK	50	0	23.22	23.13	23.26	23.24	23.07	23.5	1
20	QPSK	50	24	23.13	23.09	23.12	22.92	23.08		
20	QPSK	50	50	23.20	23.07	23.02	22.89	23.01		
20	QPSK	100	0	23.00	23.15	23.19	23.18	23.03	23.5	1
20	16QAM	1	0	23.36	23.28	23.32	23.23	23.29		
20	16QAM	1	49	23.34	23.29	23.16	23.09	23.24		
20	16QAM	1	99	23.35	23.28	23.25	23.10	23.26	22.5	2
20	16QAM	50	0	22.37	22.30	22.19	22.16	22.25		
20	16QAM	50	24	22.50	22.31	22.33	22.14	22.29		
20	16QAM	50	50	22.50	22.28	22.30	22.09	22.25	22.5	2
20	16QAM	100	0	22.31	22.32	22.24	22.10	22.24		
20	16QAM	1	0	22.38	22.37	22.35	22.21	22.37		
20	16QAM	1	49	22.31	22.36	22.35	22.21	22.31	22.5	2
20	16QAM	1	99	22.45	22.31	22.39	22.19	22.31		
20	16QAM	50	0	21.29	21.23	21.28	21.26	21.50		
20	16QAM	50	24	21.19	21.34	21.26	21.19	21.25	21.5	3
20	16QAM	50	50	21.28	21.27	21.20	21.33	21.50		
20	16QAM	100	0	21.20	21.32	21.28	21.48	21.21		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	24.50	0
15	QPSK	1	0	24.14	24.15	23.94	23.96	23.90		
15	QPSK	1	37	24.13	24.11	23.99	23.95	23.86	24.50	0
15	QPSK	1	74	24.28	24.08	23.95	23.93	23.83		
15	QPSK	36	0	23.08	23.09	22.85	22.90	22.83		
15	QPSK	36	20	23.09	23.07	22.89	22.89	22.83	23.5	1
15	QPSK	36	39	23.18	23.09	22.92	22.86	22.82		
15	QPSK	75	0	23.27	23.12	22.96	22.90	22.87		
15	16QAM	1	0	23.21	23.04	22.98	22.96	22.90	23.5	1
15	16QAM	1	37	23.23	23.06	22.92	22.95	22.86		
15	16QAM	1	74	23.13	23.10	23.06	22.96	22.84		
15	16QAM	36	0	22.25	22.22	22.01	21.91	21.97	22.5	2
15	16QAM	36	20	22.24	22.15	22.09	22.02	21.96		
15	16QAM	36	39	22.22	22.18	22.10	21.99	21.96		
15	16QAM	75	0	22.32	22.33	22.11	22.11	22.06	22.5	2
15	16QAM	1	0	22.23	22.30	22.16	21.88	22.00		
15	16QAM	1	37	22.22	22.05	22.10	22.03	21.94		
15	16QAM	1	74	22.36	22.14	22.00	22.04	21.92	21.5	3
15	16QAM	36	0	21.10	21.07	20.91	20.91	20.85		
15	16QAM	36	20	21.23	21.04	20.99	20.89	20.85		
15	16QAM	36	39	21.25	21.02	20.95	20.87	20.84	21.5	3
15	16QAM	75	0	21.13	21.14	20.93	20.91	20.85		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	24.50	0
10	QPSK	1	0	24.21	24.21	23.99	23.86	23.96		
10	QPSK	1	25	24.21	24.20	24.00	23.84	23.91	23.5	1
10	QPSK	1	49	24.18	24.05	24.10	23.96	23.88		
10	QPSK	25	0	22.99	22.97	22.75	22.83	22.73		
10	QPSK	25	12	23.00	23.02	22.83	22.68	22.76	23.5	1
10	QPSK	25	25	23.15	22.96	22.86	22.78	22.75		
10	QPSK	50	0	23.00	22.93	22.89	22.82	22.75		
10	16QAM	1	0	23.14	23.08	23.03	22.85	22.88	23.5	1
10	16QAM	1	25	23.12	23.12	23.01	22.94	22.86		
10	16QAM	1	49	23.15	22.98	23.02	22.94	22.83		
10	16QAM	25	0	21.98	21.88	21.73	21.77	21.68	22.5	2
10	16QAM	25	12	21.98	22.00	21.83	21.78	21.69		
10	16QAM	25	25	21.95	21.94	21.85	21.71	21.67		
10	16QAM	50	0	21.94	21.92	21.80	21.75	21.70	22.5	2
10	16QAM	1	0	22.03	21.99	21.77	21.80	21.78		
10	16QAM	1	25	22.00	21.93	21.80	21.73	21.70		
10	16QAM	1	49	21.99	22.01	21.85	21.73	21.70	21.5	3
10	16QAM	25	0	21.29	21.30	21.12	20.95	21.05		
10	16QAM	25	12	21.30	21.25	21.10	21.10	21.03		
10	16QAM	25	25	21.28	21.24	21.12	21.03	21.02	21.5	3
10	16QAM	50	0	21.50	21.31	21.20	21.13	21.10		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	24.50	0
5	QPSK	1	0	24.11	24.01	24.02	23.82	23.83		
5	QPSK	1	12	24.13	23.78	24.04	23.78	23.88	24.50	0
5	QPSK	1	24	24.14	24.16	23.86	23.89	23.87		
5	QPSK	12	0	22.99	22.90	22.81	22.73	22.62		
5	QPSK	12	7	22.94	22.90	22.83	22.72	22.64	23.5	1
5	QPSK	12	13	23.02	22.83	22.80	22.69	22.65		
5	QPSK	25	0	23.01	22.86	22.73	22.68	22.60		
5	16QAM	1	0	23.06	22.78	22.98	22.78	22.71	23.5	1
5	16QAM	1	12	22.99	23.12	22.75	22.79	22.67		
5	16QAM	1	24	23.07	23.01	22.77	22.72	22.66		
5	16QAM	12	0	22.23	22.25	22.07	21.89	21.96	22.5	2
5	16QAM	12	7	22.23	22.30	22.08	21.99	21.97		
5	16QAM	12	13	22.23	22.12	22.01	21.96	21.91		
5	16QAM	25	0	22.31	22.30	22.11	22.07	22.04	22.5	2
5	16QAM	1	0	22.02	21.88	22.00	21.82	21.89		
5	16QAM	1	12	22.07	21.96	22.11	21.87	21.80		
5	16QAM	12	0	21.02	20.96	20.84	20.82	20.75	21.5	3
5	16QAM	12	7	21.05	21.06	20.91	20.77	20.73		
5	16QAM	12	13	21.08	20.98	20.80	20.80	20.72		
5	16QAM	25	0	20.93	20.90	20.78	20.75	20.65		

Band 42_Ant11 DSI1&4								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	23.37	23.70	23.63		
20	QPSK	1	49	23.34	23.50	23.68	24	0
20	QPSK	1	99	23.36	23.44	23.65	23	1
20	QPSK	50	0	22.40	22.78	22.72		
20	QPSK	50	24	22.41	22.61	22.77		
20	QPSK	50	50	22.45	22.56	22.74	23	1
20	QPSK	100	0	22.41	22.75	22.71		
20	16QAM	1	0	22.48	22.58	22.77		
20	16QAM	1	49	22.42	22.57	22.81	23	1
20	16QAM	1	99	22.37	22.53	22.69	22	2
20	16QAM	50	0	21.39	21.56	21.72		
20	16QAM	50	24	21.45	21.68	21.81		
20	16QAM	50	50	21.46	21.59	21.76	22	2
20	16QAM	100	0	21.40	21.60	21.78		
20	64QAM	1	0	21.18	21.24	21.45		
20	64QAM	1	49	21.14	21.32	21.53	22	2
20	64QAM	1	99	21.13	21.30	21.48		
20	64QAM	50	0	20.33	20.48	20.67		
20	64QAM	50	24	20.38	20.55	20.76	21	3
20	64QAM	50	50	20.41	20.54	20.70		
20	64QAM	100	0	20.41	20.65	20.81		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	23.29	23.62	23.68		
15	QPSK	1	37	23.30	23.63	23.68	24	0
15	QPSK	1	74	23.29	23.60	23.62		
15	QPSK	36	0	22.36	22.65	22.70		
15	QPSK	36	20	22.37	22.74	22.79	23	1
15	QPSK	36	39	22.40	22.69	22.70		
15	QPSK	75	0	22.33	22.74	22.81		
15	16QAM	1	0	22.45	22.72	22.77	23	1
15	16QAM	1	37	22.39	22.67	22.74		
15	16QAM	1	74	22.38	22.71	22.75		
15	16QAM	36	0	21.31	21.62	21.66	22	2
15	16QAM	36	20	21.30	21.69	21.73		
15	16QAM	36	39	21.38	21.67	21.72		
15	16QAM	75	0	21.34	21.71	21.80	22	2
15	64QAM	1	0	21.12	21.41	21.50		
15	64QAM	1	37	21.12	21.47	21.58		
15	64QAM	1	74	21.14	21.45	21.55	21	3
15	64QAM	36	0	20.36	20.67	20.71		
15	64QAM	36	20	20.39	20.77	20.80		
15	64QAM	36	39	20.37	20.67	20.76	20.37	20.73
15	64QAM	75	0	20.37	20.73	20.76		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	23.28	23.62	23.56		
10	QPSK	1	25	23.24	23.62	23.54	24	0
10	QPSK	1	49	23.29	23.66	23.60		
10	QPSK	25	0	22.36	22.71	22.64		
10	QPSK	25	12	22.38	22.79	22.72	23	1
10	QPSK	25	25	22.42	22.74	22.70		
10	QPSK	50	0	22.36	22.77	22.73		
10	16QAM	1	0	22.48	22.82	22.71	23	1
10	16QAM	1	25	22.44	22.85	22.77		
10	16QAM	1	49	22.41	22.75	22.68		
10	16QAM	25	0	21.35	21.67	21.62	22	2
10	16QAM	25	12	21.37	21.79	21.75		
10	16QAM	25	25	21.43	21.73	21.71		
10	16QAM	50	0	21.39	21.82	21.76	22	2
10	64QAM	1	0	21.21	21.53	21.52		
10	64QAM	1	25	21.22	21.55	21.52		
10	64QAM	1	49	21.24	21.57	21.54	21	3
10	64QAM	25	0	20.32	20.66	20.58		
10	64QAM	25	12	20.36	20.79	20.71		
10	64QAM	25	25	20.39	20.70	20.64	20.33	20.73
10	64QAM	50	0	20.33	20.73	20.65		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	23.20	23.58	23.54		
5	QPSK	1	12	23.31	23.66	23.65	24	0
5	QPSK	1	24	23.18	23.57	23.53		
5	QPSK	12	0	22.30	22.58	22.59		
5	QPSK	12	7	22.35	22.61	22.77	23	1
5	QPSK	12	13	22.32	22.77	22.70		
5	QPSK	25	0	22.27	22.70	22.66		
5	16QAM	1	0	22.25	22.64	22.58	23	1
5	16QAM	1	12	22.39	22.74	22.73		
5	16QAM	1	24	22.31	22.73	22.59		
5	16QAM	12	0	21.29	21.64	21.64	22	2
5	16QAM	12	7	21.37	21.62	21.66		
5	16QAM	12	13	21.40	21.74	21.72		
5	16QAM	25	0	21.31	21.78	21.73	22	2
5	64QAM	1	0	21.08	21.37	21.35		
5	64QAM	1	12	21.13	21.43	21.48		
5	64QAM	1	24	21.00	21.39	21.40	21	3
5	64QAM	12	0	20.28	20.62	20.56		
5	64QAM	12	7	20.35	20.60	20.74		
5	64QAM	12	13	20.33	20.71	20.69	20.26	20.73
5	64QAM	25	0	20.26	20.73	20.71		

Band 42_Ant12 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.67	24.69	24.44		
20	QPSK	1	49	24.54	24.49	24.43	25	0
20	QPSK	1	99	24.39	24.43	24.33	24	1
20	QPSK	50	0	23.55	23.58	23.50		
20	QPSK	50	24	23.52	23.55	23.51		
20	QPSK	50	50	23.51	23.55	23.47	24	1
20	QPSK	100	0	23.58	23.59	23.51		
20	16QAM	1	0	23.75	23.64	23.57		
20	16QAM	1	49	23.63	23.61	23.49	24	1
20	16QAM	1	99	23.51	23.45	23.38	23	2
20	16QAM	50	0	22.75	22.58	22.47		
20	16QAM	50	24	22.73	22.59	22.57		
20	16QAM	50	50	22.52	22.56	22.44	23	2
20	16QAM	100	0	22.68	22.55	22.48		
20	64QAM	1	0	22.55	22.32	22.26		
20	64QAM	1	49	22.40	22.31	22.25	23	2
20	64QAM	1	99	22.19	22.26	22.15	22	3
20	64QAM	50	0	21.71	21.53	21.40		
20	64QAM	50	24	21.62	21.50	21.44		
20	64QAM	50	50	21.46	21.51	21.42	20	0
20	64QAM	100	0	21.73	21.54	21.52		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.61	24.42	24.29		
15	QPSK	1	37	24.50	24.40	24.40	25	0
15	QPSK	1	74	24.39	24.37	24.37	24	1
15	QPSK	36	0	23.70	23.48	23.45		
15	QPSK	36	20	23.64	23.47	23.51		
15	QPSK	36	39	23.44	23.40	23.41	24	1
15	QPSK	75	0	23.63	23.46	23.49		
15	16QAM	1	0	23.68	23.53	23.51		
15	16QAM	1	37	23.57	23.49	23.47	24	1
15	16QAM	1	74	23.50	23.42	23.41	23	2
15	16QAM	36	0	22.82	22.42	22.36		
15	16QAM	36	20	22.59	22.42	22.45		
15	16QAM	36	39	22.44	22.44	22.39	23	2
15	16QAM	75	0	22.66	22.45	22.49		
15	64QAM	1	0	22.49	22.21	22.19		
15	64QAM	1	37	22.41	22.17	22.18	23	2
15	64QAM	1	74	22.19	22.18	22.19	22	3
15	64QAM	36	0	21.65	21.47	21.43		
15	64QAM	36	20	21.67	21.46	21.51		
15	64QAM	36	39	21.46	21.45	21.39	20	0
15	64QAM	75	0	21.64	21.44	21.45		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.57	24.39	24.55		
10	QPSK	1	25	24.52	24.60	24.47	25	0
10	QPSK	1	49	24.48	24.51	24.50	24	1
10	QPSK	25	0	23.70	23.56	23.60		
10	QPSK	25	12	23.68	23.57	23.68		
10	QPSK	25	25	23.53	23.60	23.60	24	1
10	QPSK	50	0	23.67	23.57	23.61		
10	16QAM	1	0	23.78	23.61	23.62		
10	16QAM	1	25	23.74	23.65	23.62	24	1
10	16QAM	1	49	23.58	23.50	23.55	23	2
10	16QAM	25	0	22.67	22.57	22.54		
10	16QAM	25	12	22.71	22.60	22.63		
10	16QAM	25	25	22.54	22.64	22.57	23	2
10	16QAM	50	0	22.69	22.60	22.64		
10	64QAM	1	0	22.08	22.42	22.38		
10	64QAM	1	25	22.05	22.43	22.37	23	2
10	64QAM	1	49	22.02	22.41	22.33	22	3
10	64QAM	25	0	21.71	21.54	21.45		
10	64QAM	25	12	21.45	21.58	21.56		
10	64QAM	25	25	21.65	21.55	21.50	20	0
10	64QAM	50	0	21.79	21.51	21.54		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.66	24.44	24.41		
5	QPSK	1	12	24.59	24.45	24.47	25	0
5	QPSK	1	24	24.48	24.35	24.39	24	1
5	QPSK	12	0	23.72	23.53	23.44		
5	QPSK	12	7	23.75	23.57	23.61		
5	QPSK	12	13	23.62	23.55	23.53	24	1
5	QPSK	25	0	23.66	23.49	23.50		
5	16QAM	1	0	23.64	23.53	23.45		
5	16QAM	1	12	23.68	23.54	23.55	24	1
5	16QAM	1	24	23.65	23.47	23.48	23	2
5	16QAM	12	0	22.70	22.54	22.46		
5	16QAM	12	7	22.72	22.54	22.54		
5	16QAM	12	13	22.59	22.53	22.50	23	2
5	16QAM	25	0	22.71	22.56	22.56		
5	64QAM	1	0	22.37	22.24	22.20		
5	64QAM	1	12	22.44	22.32	22.31	23	2
5	64QAM	1	24	22.30	22.20	22.21	22	3
5	64QAM	12	0	21.67	21.54	21.46		
5	64QAM	12	7	21.74	21.58	21.59		
5	64QAM	12	13	21.54	21.51	21.51	20	0
5	64QAM	25	0	21.65	21.50	21.50		

Band 42_Ant13 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				42190	42590	42990		
Frequency (MHz)				3460	3500	3540		
20	QPSK	1	0	24.85	25.19	25.12		
20	QPSK	1	49	24.80	25.12	25.17	25.5	0
20	QPSK	1	99	24.72	25.08	25.11	24.5	1
20	QPSK	50	0	23.95	24.16	24.15		
20	QPSK	50	24	23.92	24.13	24.15		
20	QPSK	50	50	23.77	24.12	24.12	24.5	1
20	QPSK	100	0	23.92	24.25	24.21		
20	16QAM	1	0	23.95	24.20	24.23		
20	16QAM	1	49	23.93	24.22	24.23	24.5	1
20	16QAM	1	99	23.77	24.17	24.16	23.5	2
20	16QAM	50	0	22.97	23.19	23.17		
20	16QAM	50	24	22.94	23.19	23.25		
20	16QAM	50	50	22.81	23.20	23.22	23.5	2
20	16QAM	100	0	22.89	23.17	23.23		
20	64QAM	1	0	22.68	22.90	22.94		
20	64QAM	1	49	22.81	22.92	22.98	23.5	2
20	64QAM	1	99	22.53	22.91	22.76		
20	64QAM	50	0	21.88	22.12	22.19		
20	64QAM	50	24	21.86	22.14	22.17	22.5	3
20	64QAM	50	50	21.74	22.17	22.11		
20	64QAM	100	0	21.93	22.19	22.19		
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500	3542.5		
15	QPSK	1	0	24.83	24.97	25.05		
15	QPSK	1	37	24.77	24.97	25.09	25.5	0
15	QPSK	1	74	24.70	24.96	25.07	24.5	1
15	QPSK	36	0	23.90	24.04	24.11		
15	QPSK	36	20	23.92	24.03	24.21		
15	QPSK	36	39	23.77	24.03	24.12	24.5	1
15	QPSK	75	0	23.90	24.02	24.20		
15	16QAM	1	0	23.86	24.08	24.20		
15	16QAM	1	37	23.86	24.08	24.17	24.5	1
15	16QAM	1	74	23.79	24.03	24.16	23.5	2
15	16QAM	36	0	22.88	23.00	23.07		
15	16QAM	36	20	22.85	23.02	23.14		
15	16QAM	36	39	22.72	23.03	23.12	23.5	2
15	16QAM	75	0	22.89	23.05	23.19		
15	64QAM	1	0	22.85	22.78	22.91		
15	64QAM	1	37	22.54	22.79	22.91	23.5	2
15	64QAM	1	74	22.56	22.83	22.95	22.5	3
15	64QAM	36	0	21.90	22.02	22.12		
15	64QAM	36	20	21.91	22.06	22.18		
15	64QAM	36	39	21.75	22.06	22.16	22.5	3
15	64QAM	75	0	21.90	22.02	22.21		
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3455	3500	3545		
10	QPSK	1	0	24.94	25.12	25.18		
10	QPSK	1	25	24.83	25.10	25.17	25.5	0
10	QPSK	1	49	24.85	25.12	25.13	24.5	1
10	QPSK	25	0	24.01	24.21	24.23		
10	QPSK	25	12	24.03	24.20	24.30		
10	QPSK	25	25	23.90	24.24	24.28	24.5	1
10	QPSK	50	0	24.01	24.16	24.30		
10	16QAM	1	0	24.07	24.25	24.32		
10	16QAM	1	25	24.00	24.25	24.34	24.5	1
10	16QAM	1	49	23.92	24.22	24.26	23.5	2
10	16QAM	25	0	22.99	23.16	23.19		
10	16QAM	25	12	23.04	23.22	23.31		
10	16QAM	25	25	22.88	23.23	23.27	23.5	2
10	16QAM	50	0	23.02	23.19	23.31		
10	64QAM	1	0	22.91	23.04	23.07		
10	64QAM	1	25	22.74	23.00	23.08	23.5	2
10	64QAM	1	49	22.72	22.97	23.16	22.5	3
10	64QAM	25	0	21.94	22.12	22.15		
10	64QAM	25	12	21.98	22.16	22.28		
10	64QAM	25	25	21.81	22.19	22.21	22.5	3
10	64QAM	50	0	21.94	22.13	22.23		
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3452.5	3500	3547.5		
5	QPSK	1	0	24.80	25.12	25.12		
5	QPSK	1	12	24.97	25.03	25.15	25.5	0
5	QPSK	1	24	24.88	25.16	25.12	24.5	1
5	QPSK	12	0	24.08	24.18	24.19		
5	QPSK	12	7	24.14	24.27	24.33		
5	QPSK	12	13	23.98	24.25	24.28	24.5	1
5	QPSK	25	0	24.03	24.17	24.22		
5	16QAM	1	0	24.03	24.19	24.14		
5	16QAM	1	12	24.07	24.26	24.24	24.5	1
5	16QAM	1	24	23.95	24.21	24.21	23.5	2
5	16QAM	12	0	23.08	23.20	23.18		
5	16QAM	12	7	23.19	23.28	23.30		
5	16QAM	12	13	23.01	23.27	23.26	23.5	2
5	16QAM	25	0	23.12	23.20	23.30		
5	64QAM	1	0	22.68	22.92	22.94		
5	64QAM	1	12	22.87	22.96	23.07	23.5	2
5	64QAM	1	24	22.65	22.89	22.95	22.5	3
5	64QAM	12	0	22.07	22.14	22.15		
5	64QAM	12	7	22.12	22.24	22.32		
5	64QAM	12	13	21.93	22.21	22.22	22.5	3
5	64QAM	25	0	22.04	22.17	22.23		

Reduced power level for WWAN

		WCDMA II Ant 2 DSI 5			WCDMA IV Ant 2 DSI 3&5				
Band		WCDMA II			WCDMA IV				
TX Channel		9262	9400	9538	Tune-up Limit (dBm)	1312	1413	1513	Tune-up Limit (dBm)
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	23.40	23.55	23.50	24.50	22.31	22.33	22.30	23.50
3GPP Rel 99	RMG 12.2Kbps	23.49	23.57	23.44	24.50	22.33	22.35	22.39	23.50
3GPP Rel 6	HSDPA Subtest-1	22.46	22.58	22.51	23.50	21.48	21.59	21.68	22.50
3GPP Rel 6	HSDPA Subtest-2	22.45	22.46	22.47	23.50	21.44	21.70	21.58	22.50
3GPP Rel 6	HSDPA Subtest-3	21.78	21.96	22.09	23.00	21.01	21.16	21.05	22.00
3GPP Rel 6	HSDPA Subtest-4	21.99	22.08	22.18	23.00	20.92	21.14	21.20	22.00
3GPP Rel 6	DC-HSDPA Subtest-1	22.42	22.54	22.59	23.50	21.49	21.61	21.59	22.50
3GPP Rel 6	DC-HSDPA Subtest-2	22.51	22.49	22.44	23.50	21.28	21.75	21.61	22.50
3GPP Rel 6	DC-HSDPA Subtest-3	22.20	22.23	22.00	23.00	21.03	21.24	20.96	22.00
3GPP Rel 6	DC-HSDPA Subtest-4	21.84	22.14	21.96	23.00	20.96	21.20	21.17	22.00
3GPP Rel 6	HSUPA Subtest-1	22.41	22.73	22.85	23.50	21.69	21.80	21.66	22.50
3GPP Rel 6	HSUPA Subtest-2	20.61	20.70	20.54	21.50	19.57	19.63	19.78	20.50
3GPP Rel 6	HSUPA Subtest-3	21.47	21.62	21.73	22.50	20.50	20.85	20.76	21.50
3GPP Rel 6	HSUPA Subtest-4	20.58	20.76	20.63	21.50	19.68	19.68	19.63	20.50
3GPP Rel 6	HSUPA Subtest-5	22.52	22.77	22.71	23.50	21.59	21.76	21.70	22.50

Band 2_Ant2 DSI5														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 18000	Power Mid Ch./Freq. 18000	Power High Ch./Freq. 18000	Turn-up limit (dBm)	MPE (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	20.66	20.70	20.52	21.5	0						
20	QPSK	1	49	20.49	20.53	20.58								
20	QPSK	1	99	20.33	20.53	20.61								
20	QPSK	50	0	20.44	20.66	20.62								
20	QPSK	50	24	20.57	20.64	20.61	21.5	0						
20	QPSK	50	50	20.54	20.55	20.53								
20	16QAM	100	0	20.52	20.52	20.52								
20	16QAM	1	0	20.52	20.33	20.50								
20	16QAM	1	49	20.53	20.55	20.60	21.5	0						
20	16QAM	1	99	20.53	20.55	20.60								
20	16QAM	50	0	20.43	20.18	20.26								
20	16QAM	50	24	20.43	20.07	20.40								
20	16QAM	50	50	20.43	20.20	20.25	21.5	0						
20	16QAM	100	0	20.33	20.25	20.27								
20	16QAM	1	0	20.27	20.27	20.27								
20	16QAM	1	49	20.38	20.39	20.43								
20	16QAM	1	99	20.37	20.32	20.37	21.5	0						
20	16QAM	50	0	20.25	20.39	20.38								
20	16QAM	50	24	20.43	20.07	20.40								
20	16QAM	50	50	20.24	20.29	20.25								
20	16QAM	100	0	20.44	20.49	20.31	21.5	0						
Channel														
18075 18000 19200														
15	QPSK	1	0	20.52	20.42	20.32	21.5	0						
15	QPSK	1	37	20.36	20.32	20.39								
15	QPSK	1	74	20.21	20.28	20.37								
15	QPSK	36	0	20.13	20.38	20.31								
15	QPSK	36	20	20.39	20.40	20.24	21.5	0						
15	QPSK	36	36	20.33	20.35	20.32								
15	QPSK	75	0	20.39	20.33	20.36								
15	16QAM	1	0	20.38	20.07	20.40								
15	16QAM	1	37	20.36	20.41	20.34	21.5	0						
15	16QAM	1	74	20.26	20.57	20.47								
15	16QAM	36	0	20.28	20.34	20.11								
15	16QAM	36	20	20.16	20.04	20.06								
15	16QAM	36	36	20.12	20.12	20.16	21.5	0						
15	16QAM	75	0	20.06	20.16	19.98								
15	16QAM	75	0	20.05	20.15	20.08								
15	16QAM	1	37	20.10	20.07	20.25								
15	16QAM	1	74	20.18	20.18	20.18	21.5	0						
15	16QAM	36	0	19.97	20.27	20.13								
15	16QAM	36	20	20.13	19.85	20.26								
15	16QAM	75	0	20.28	20.28	20.18								
Channel														
18050 18000 19150														
10	QPSK	1	0	20.52	20.45	20.24	21.5	0						
10	QPSK	1	25	20.39	20.34	20.40								
10	QPSK	1	49	20.17	20.23	20.31								
10	QPSK	25	0	20.34	20.42	20.36								
10	QPSK	25	12	20.42	20.35	20.32	21.5	0						
10	QPSK	25	25	20.37	20.32	20.52								
10	QPSK	50	0	20.38	20.38	20.25								
10	16QAM	1	0	20.34	20.09	20.24								
10	16QAM	1	25	20.40	20.29	20.28	21.5	0						
10	16QAM	1	49	20.40	20.40	20.30								
10	16QAM	25	0	20.34	19.96	20.17								
10	16QAM	25	12	20.12	19.92	20.07								
10	16QAM	25	25	20.16	20.15	20.06	21.5	0						
10	16QAM	50	0	20.04	20.02	20.11								
10	16QAM	50	12	20.17	20.17	20.07								
10	16QAM	1	25	20.09	20.15	20.13								
10	16QAM	1	49	20.22	20.13	20.26	21.5	0						
10	16QAM	25	0	20.06	20.12	20.09								
10	16QAM	25	12	20.11	19.84	20.17								
10	16QAM	25	25	20.16	20.18	20.03								
Channel														
18025 18000 19175														
5	QPSK	1	0	20.36	20.56	20.27	21.5	0						
5	QPSK	1	12	20.41	20.4	20.38								
5	QPSK	1	24	20.24	20.32	20.31								
5	QPSK	12	0	20.24	20.37	20.43								
5	QPSK	12	7	20.42	20.44	20.35	21.5	0						
5	QPSK	12	13	20.3	20.39	20.57								
5	QPSK	25	0	20.43	20.38	20.57								
5	16QAM	1	0	20.33	20.1	20.29								
5	16QAM	1	12	20.27	20.29	20.28	21.5	0						
5	16QAM	1	24	20.44	19.95	20.37								
5	16QAM	12	0	20.19	19.95	20.08								
5	16QAM	12	7	20.21	20.1	19.97								
5	16QAM	12	13	20.12	20.12	20.12	21.5	0						
5	16QAM	25	0	20.07	20.15	20.19								
5	16QAM	25	0	20.15	20.13	20.08								
5	16QAM	1	0	20.16	20.09	20.17								
5	16QAM	1	12	20.06	20.13	20.28	21.5	0						
5	16QAM	1	24	20.14	20.04	20.19								
5	16QAM	12	0	20.16	20.29	20.23								
5	16QAM	12	13	20.12	20.12	19.97								
5	16QAM	12	13	20.07	20.08	20	21.5	0						
5	16QAM	25	0	20.34	20.24	20.06								
Channel														
18015 18000 19125														
3	QPSK	1	0	20.57	20.56	20.28	21.5	0						
3	QPSK	1	8	20.29	20.20	20.43								
3	QPSK	1	14	20.08	20.42	20.50								
3	QPSK	8	0	20.22	20.56	20.51								
3	QPSK	8	4	20.38	20.26	20.41	21.5	0						
3	QPSK	8	7	20.41	20.41	20.43								
3	16QAM	1	0	20.35	20.23	20.34								
3	16QAM	1	14	20.27	20.34	20.50								
3	16QAM	8	0	20.12	20.09	19.99	21.5	0						
3	16QAM	8	4	20.20	20.04	20.13								
3	16QAM	8	7	20.30	20.16	20.26								
3	16QAM	16	0	20.22	20.03	20.32								
3	16QAM	1	0	20.14	20.01	20.00	21.5	0						
3	16QAM	1	8	20.16	20.09	20.17								
3	16QAM	1	14	20.26	20.13	20.28								
3	16QAM	8	0	20.12	20.12	20.10								
3	16QAM	8	4	20.28	19.96	20.10	21.5	0						
3	16QAM	8	7	20.14	20.06	20.15								
3	16QAM	15	0	20.27	20.23	20.05								
Channel														
18007 18000 19193														
1.4	QPSK	1	0	20.39	20.55	20.41	21.5	0						
1.4	QPSK	1	3	20.30	20.24	20.37								
1.4	QPSK	1	5	20.11	20.24	20.38								
1.4	QPSK	3		20.25	20.55	20.44	21.5	0						
1.4	QPSK	3		20.47	20.29	20.52								
1.4	QPSK	3		20.17	20.38	20.49								
1.4	QPSK	6	0	20.39	20.43	20.43	21.5	0						
1.4	QPSK	6	0	20.39	20.25	20.27								
1.4	QPSK	6	0	20.39	20.30	20.30								
1.4	16QAM	1	0	20.38	20.49	20.46	21.5	0						
1.4	16QAM	1	0	20.31	20.24	19.93								
1.4	16QAM	1	0	20.14	20.08	20.14								
1.4	16QAM	3	0	20.28	20.08	20.25	21.5	0						
1.4	16QAM	3	0	20.16	20.09	20.08								
1.4	16QAM	3	0	20.07	20.03	20.17								
1.4	16QAM	1	0	20.09	20.19	20.08	21.5	0						
1.4	16QAM	1	0	20.18	19.88	20.25								
1.4	16QAM	3	0	20.00	20.11	20.17								
1.4	16QAM	3	0	20.00	20.11	20.17	21.5	0						
1.4	16QAM	3	0	20.00	20.11	20.17								
1.4	16QAM	3	0	20.00	20.11	20.17								



Band 4 Ant2_DSIS														
BW (MHz)	Modulation	RB Size	RB Offset	Power Mod Ch./Freq.	Power Mod Ch./Freq.	Power Mod Ch./Freq.	Time-up Int. (sec)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	23.59	23.59	23.61	24.5	0						
20	QPSK	1	49	23.58	23.57	23.59								
20	QPSK	1	99	23.58	23.57	23.58	24.5	0						
20	QPSK	50	0	23.57	23.59	23.56								
20	QPSK	50	24	23.57	23.59	23.58	24.5	0						
20	QPSK	50	50	23.47	23.54	23.46								
20	QPSK	100	0	23.58	23.57	23.55	24.5	0						
20	QPSK	100	0	23.51	23.52	23.51								
20	16QAM	1	0	23.47	23.54	23.45	24.5	0						
20	16QAM	1	99	23.37	23.56	23.50								
20	16QAM	50	24	22.41	22.44	22.37	23.5	1						
20	16QAM	50	24	22.36	22.43	22.40								
20	16QAM	100	0	22.39	22.33	22.44	23.5	1						
20	16QAM	1	0	22.18	22.47	22.35								
20	16QAM	1	49	22.39	22.56	22.44	23.5	1						
20	16QAM	1	99	22.36	22.44	22.29								
20	16QAM	50	0	21.50	21.54	21.52	22.5	2						
20	16QAM	50	24	21.54	21.47	21.54								
20	16QAM	100	0	21.52	21.47	21.50	22.5	2						
Channel														
Frequency (MHz)														
15	QPSK	1	0	23.52	23.51	23.53			24.5	0				
15	QPSK	1	37	23.45	23.46	23.37								
15	QPSK	1	74	23.52	23.59	23.51	24.5	0						
15	QPSK	36	0	23.54	23.56	23.53								
15	QPSK	36	20	23.57	23.58	23.53	24.5	0						
15	QPSK	36	4	23.51	23.53	23.48								
15	QPSK	75	0	23.56	23.54	23.52	24.5	0						
15	16QAM	1	0	23.45	23.54	23.43								
15	16QAM	1	37	23.43	23.32	23.39	24.5	0						
15	16QAM	1	74	23.48	23.47	23.45								
15	16QAM	36	0	22.51	22.51	22.51	23.5	1						
15	16QAM	36	20	22.50	22.48	22.49								
15	16QAM	36	4	22.47	22.47	22.47	23.5	1						
15	16QAM	75	0	22.52	22.48	22.48								
15	16QAM	1	0	22.22	22.58	22.17	23.5	1						
15	16QAM	1	37	22.41	22.58	22.42								
15	16QAM	1	74	22.48	22.48	22.47	22.5	2						
15	16QAM	36	0	21.21	21.21	21.19								
15	16QAM	36	20	21.23	21.17	21.19	22.5	2						
15	16QAM	75	0	21.27	21.19	21.19								
Channel														
Frequency (MHz)														
10	QPSK	1	0	23.61	23.58	23.58	24.5	0						
10	QPSK	1	25	23.54	23.52	23.48								
10	QPSK	1	49	23.52	23.56	23.44	24.5	0						
10	QPSK	25	0	23.59	23.58	23.52								
10	QPSK	25	25	23.58	23.56	23.54	24.5	0						
10	QPSK	50	0	23.51	23.55	23.49								
10	QPSK	50	24	23.48	23.49	23.49	24.5	0						
10	16QAM	1	0	23.49	23.50	23.42								
10	16QAM	1	25	23.49	23.50	23.42	24.5	0						
10	16QAM	1	49	23.38	23.54	23.43								
10	16QAM	25	0	22.45	22.49	22.44	23.5	1						
10	16QAM	25	12	22.59	22.54	22.58								
10	16QAM	25	25	22.61	22.55	22.53	23.5	1						
10	16QAM	50	0	22.61	22.51	22.55								
10	16QAM	1	25	22.70	22.68	22.49	23.5	1						
10	16QAM	1	49	22.56	22.25	22.50								
10	16QAM	1	74	22.48	22.48	22.47	22.5	2						
10	16QAM	25	12	21.81	21.55	21.58								
10	16QAM	25	25	21.56	21.53	21.54	22.5	2						
10	16QAM	50	0	21.58	21.51	21.50								
Channel														
Frequency (MHz)														
5	QPSK	1	0	23.46	23.61	23.46	24.5	0						
5	QPSK	1	24	23.49	23.51	23.48								
5	QPSK	12	0	23.60	23.56	23.53	24.5	0						
5	QPSK	12	7	23.57	23.57	23.42								
5	QPSK	12	13	23.65	23.65	23.60	24.5	0						
5	QPSK	25	0	23.59	23.54	23.49								
5	16QAM	1	0	23.42	23.63	23.39	24.5	0						
5	16QAM	1	24	23.51	23.58	23.49								
5	16QAM	1	25	23.56	23.55	23.53	24.5	0						
5	16QAM	12	7	22.61	22.53	22.48								
5	16QAM	12	7	21.58	21.51	21.46	22.5	2						
5	16QAM	12	13	21.53	21.58	21.52								
5	16QAM	25	0	21.53	21.47	21.42	22.5	2						
Channel														
Frequency (MHz)														
3	QPSK	1	0	17.11.5	17.32.5	17.53.5	24.5	0						
3	QPSK	1	8	17.32	17.36	17.48								
3	QPSK	1	14	17.48	17.52	17.48	24.5	0						
3	QPSK	8	0	15.64	15.63	15.46								
3	QPSK	8	4	15.63	15.62	15.46	24.5	0						
3	QPSK	8	7	15.65	15.63	15.55								
3	QPSK	16	0	15.60	15.51	15.46	24.5	0						
3	16QAM	1	0	15.31	15.32	15.28								
3	16QAM	1	8	15.44	15.49	15.48	24.5	0						
3	16QAM	1	14	15.37	15.43	15.38								
3	16QAM	8	0	15.27	15.50	15.35	23.5	1						
3	16QAM	8	4	15.26	15.47	15.50								
3	16QAM	16	0	15.46	15.50	15.43	23.5	1						
3	16QAM	1	0	15.45	15.43	15.34								
3	16QAM	8	4	15.49	15.42	15.35	22.5	2						
3	16QAM	8	7	15.44	15.51	15.44								
3	16QAM	16	0	15.41	15.41	15.33	22.5	2						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	23.51	23.59	23.46	24.5	0						
1.4	QPSK	1	3	23.50	23.56	23.46								
1.4	QPSK	1	3	23.49	23.52	23.45	24.5	0						
1.4	QPSK	3	0	23.37	23.39	23.34								
1.4	QPSK	3	3	23.40	23.44	23.35	24.5	0						
1.4	QPSK	6	0	23.24	23.51	23.53								
1.4	QPSK	6	0	23.24	23.51	23.53	24.5	0						
1.4	QPSK	1	0	23.57	23.54	23.56								
1.4	16QAM	1	5	23.49	23.56	23.52	24.5	0						
1.4	16QAM	1	3	23.48	23.47	23.48								
1.4	16QAM	3	3	23.37	23.43	23.38	23.5	1						
1.4	16QAM	6	0	23.28	23.49	22.47								
1.4	16QAM	1	3	23.34	23.48	22.29	23.5	1						
1.4	16QAM	1	3	23.31	23.47	22.29								
1.4	16QAM	3	0	22.28	22.22	22.22	23.5	1						
1.4	16QAM	1	3	22.36	22.33	22.27								
1.4	16QAM	3	0	22.28	22.28	22.28	22.5	2						
1.4	16QAM	6	0	21.19	21.15	21.17								

Band 66_Ant2 DS1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Time-up limit (sec)	MFR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	22.63	22.74	22.72	23.5	0						
20	QPSK	1	49	22.68	22.83	22.82								
20	QPSK	1	99	22.38	22.68	22.41								
20	QPSK	50	0	22.53	22.69	22.51								
20	QPSK	50	24	22.52	22.68	22.58								
20	QPSK	50	50	22.59	22.60	22.57								
20	QPSK	100	0	22.55	22.72	22.69								
20	16QAM	1	0	22.62	22.72	22.63								
20	16QAM	1	49	22.62	22.59	22.49								
20	16QAM	1	99	22.94	22.60	22.70								
20	16QAM	50	0	22.70	22.62	22.59								
20	16QAM	50	24	22.60	22.59	22.84								
20	16QAM	50	50	22.42	22.46	22.43								
20	16QAM	100	0	22.58	22.58	22.61								
20	64QAM	1	0	22.57	22.59	22.70								
20	64QAM	1	49	22.63	22.60	22.53								
20	64QAM	1	99	22.95	22.69	22.86								
20	64QAM	50	0	21.66	21.61	21.72								
20	64QAM	50	24	21.71	21.49	21.67								
20	64QAM	50	50	21.53	21.45	21.54								
20	64QAM	100	0	21.50	21.68	21.68								
Channel														
Frequency (MHz)														
15	QPSK	1	0	22.32	22.50	22.43	23.5	0						
15	QPSK	1	37	22.58	22.48	22.38								
15	QPSK	1	74	22.28	22.35	22.19								
15	QPSK	36	0	22.30	22.60	22.33								
15	QPSK	36	20	22.37	22.37	22.50								
15	QPSK	36	39	22.49	22.43	22.45								
15	QPSK	75	0	22.29	22.59	22.52								
15	16QAM	1	0	22.32	22.55	22.41								
15	16QAM	1	37	22.47	22.37	22.18								
15	16QAM	1	74	22.52	22.29	22.60								
15	16QAM	36	0	22.42	22.33	22.53								
15	16QAM	36	20	22.33	22.41	22.53								
15	16QAM	36	39	22.32	22.17	22.17								
15	16QAM	75	0	22.36	22.34	22.52								
15	16QAM	1	0	22.31	22.51	22.58								
15	16QAM	1	37	22.34	22.42	22.39								
15	16QAM	1	74	22.33	22.45	22.35								
15	16QAM	36	0	21.37	21.34	21.50								
15	16QAM	36	20	21.48	21.39	21.36								
15	16QAM	36	39	21.44	21.19	21.27								
15	16QAM	75	0	21.34	21.50	21.44								
Channel														
Frequency (MHz)														
10	QPSK	1	0	22.32	22.51	22.43	23.5	0						
10	QPSK	1	25	22.52	22.38	22.42								
10	QPSK	1	49	22.22	22.56	22.14								
10	QPSK	1	74	22.28	22.59	22.31								
10	QPSK	25	0	22.36	22.43	22.39								
10	QPSK	25	25	22.32	22.24	22.26								
10	QPSK	50	0	22.40	22.52	22.46								
10	16QAM	1	0	22.31	22.42	22.25								
10	16QAM	1	25	22.48	22.36	22.30								
10	16QAM	1	49	22.44	22.41	22.40								
10	16QAM	25	0	22.43	22.41	22.57								
10	16QAM	25	12	22.38	22.37	22.57								
10	16QAM	25	25	22.12	22.30	22.29								
10	16QAM	50	0	22.42	22.47	22.34								
10	16QAM	50	12	22.39	22.35	22.56								
10	16QAM	1	25	22.54	22.55	22.42								
10	64QAM	1	49	22.33	22.48	22.38								
10	64QAM	1	74	22.41	22.28	22.46								
10	64QAM	25	12	21.45	21.21	21.38								
10	64QAM	25	25	21.40	21.17	21.41								
10	64QAM	50	0	21.32	21.45	21.41								
Channel														
Frequency (MHz)														
5	QPSK	1	0	22.44	22.44	22.56	23.5	0						
5	QPSK	1	12	22.40	22.53	22.38								
5	QPSK	12	0	22.43	22.40	22.27								
5	QPSK	12	7	22.40	22.47	22.52								
5	QPSK	12	13	22.31	22.30	22.47								
5	QPSK	25	0	22.24	22.50	22.40								
5	16QAM	1	0	22.37	22.60	22.24								
5	16QAM	1	12	22.52	22.46	22.26								
5	16QAM	1	24	22.50	22.56	22.31								
5	16QAM	12	0	22.41	22.35	22.56								
5	16QAM	12	7	22.29	22.39	22.41								
5	16QAM	12	13	22.52	22.32	22.45								
5	16QAM	25	0	22.25	22.28	22.30								
5	64QAM	1	0	22.31	22.29	22.61								
5	64QAM	1	24	22.42	22.48	22.48								
5	64QAM	12	0	21.47	21.48	21.58								
5	64QAM	12	7	21.46	21.27	21.57								
5	64QAM	12	13	21.23	21.28	21.40								
5	64QAM	25	0	21.22	21.59	21.37								
Channel														
Frequency (MHz)														
3	QPSK	1	0	22.40	22.51	22.41	23.5	0						
3	QPSK	1	8	22.37	22.39	22.39								
3	QPSK	1	14	22.38	22.52	22.28								
3	QPSK	8	0	22.34	22.43	22.41								
3	QPSK	8	4	22.28	22.39	22.45								
3	QPSK	8	7	22.51	22.41	22.30								
3	QPSK	15	0	22.44	22.53	22.58								
3	16QAM	1	0	22.52	22.43	22.41								
3	16QAM	1	8	22.60	22.39	22.46								
3	16QAM	8	0	22.30	22.52	22.48								
3	16QAM	8	4	22.30	22.50	22.42								
3	16QAM	15	0	22.27	22.42	22.36								
3	64QAM	1	0	22.33	22.49	22.44								
3	64QAM	1	8	22.45	22.52	22.37								
3	64QAM	1	14	22.36	22.42	22.56								
3	64QAM	8	0	21.40	21.40	21.59								
3	64QAM	8	4	21.57	21.21	21.54								
3	64QAM	8	7	21.26	21.14	21.37								
3	64QAM	15	0	21.20	21.40	21.48								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	22.43	22.50	22.45	23.5	0						
1.4	QPSK	1	3	22.54	22.46	22.31								
1.4	QPSK	1	5	22.13	22.49	22.28								
1.4	QPSK	3	0	22.38	22.57	22.38								
1.4	QPSK	3	1	22.26	22.46	22.46								
1.4	QPSK	6	0	22.36	22.23	22.25								
1.4	QPSK	6	0	22.37	22.60	22.58								
1.4	16QAM	1	0	22.49	22.53	22.29								
1.4	16QAM	1	5	22.32	22.57	22.53								
1.4	16QAM	3	0	22.68	22.49	22.39								
1.4	16QAM	3	3	22.43	22.19	22.34								
1.4	16QAM	3	3	22.22	22.27	22.18								
1.4	16QAM	6	0	22.36	22.22	22.23								
1.4	16QAM	6	0	22.37	22.60	22.58								
1.4	16QAM	1	0	22.48	22.33	22.41								
1.4	16QAM	1	3	22.48	22.49	22.50								
1.4	16QAM	1	5	22.43	22.27	22.47								
1.4	16QAM	3	0	21.38	21.32	21.42								
1.4	16QAM	3	1	21.50	21.30	21.54								
1.4	16QAM	6	0	21.24	21.24	21.24								
1.4	16QAM	6	0	21.26	21.60	21.41								
1.4	16QAM	6	0	21.26	21.60	21.41								

Band 38_Ant2 DSI5										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				37850	38000	38150	23.5	0		
Frequency (MHz)				2580	2595	2610				
20	QPSK	1	0	22.59	22.65	22.49	23.5	0		
20	QPSK	1	49	22.59	22.55	22.59				
20	QPSK	1	99	22.51	22.59	22.54				
20	QPSK	50	0	22.58	22.61	22.58				
20	QPSK	50	24	22.57	22.60	22.54	23.5	0		
20	QPSK	50	50	22.57	22.59	22.55				
20	QPSK	100	0	22.52	22.55	22.52				
20	16QAM	1	0	22.53	22.52	22.59				
20	16QAM	1	49	22.59	22.54	22.56	23.5	0		
20	16QAM	1	99	22.62	22.53	22.59				
20	16QAM	50	0	22.62	22.62	22.50				
20	16QAM	50	24	22.62	22.59	22.55				
20	16QAM	50	50	22.60	22.61	22.57	23.5	0		
20	16QAM	100	0	22.58	22.57	22.63				
20	64QAM	1	0	22.53	22.52	22.48				
20	64QAM	1	49	22.52	22.53	22.51				
20	64QAM	1	99	22.58	22.55	22.55	23.5	0		
20	64QAM	50	0	21.65	21.63	21.56				
20	64QAM	50	24	21.62	21.61	21.57				
20	64QAM	50	50	21.63	21.67	21.62				
20	64QAM	100	0	21.65	21.69	21.65	22.5	1		
Channel				37825	38000	38175			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5			23.5	0
15	QPSK	1	0	22.62	22.63	22.56				
15	QPSK	1	37	22.58	22.61	22.58				
15	QPSK	1	74	22.57	22.54	22.59				
15	QPSK	36	0	22.59	22.62	22.60				
15	QPSK	36	20	22.61	22.54	22.58	23.5	0		
15	QPSK	36	39	22.53	22.60	22.54				
15	QPSK	75	0	22.57	22.55	22.62				
15	16QAM	1	0	22.62	22.59	22.61				
15	16QAM	1	37	22.53	22.60	22.58	23.5	0		
15	16QAM	1	74	22.61	22.57	22.61				
15	16QAM	36	0	22.60	22.56	22.61				
15	16QAM	36	20	22.61	22.59	22.62				
15	16QAM	36	39	22.54	22.53	22.59	23.5	0		
15	16QAM	75	0	22.54	22.58	22.61				
15	64QAM	1	0	22.57	22.59	22.56				
15	64QAM	1	37	22.62	22.57	22.55				
15	64QAM	1	74	22.59	22.60	22.58	23.5	0		
15	64QAM	36	0	21.65	21.61	21.58				
15	64QAM	36	20	21.63	21.70	21.64				
15	64QAM	36	39	21.69	21.64	21.62				
15	64QAM	75	0	21.64	21.70	21.65	22.5	1		
Channel				37800	38000	38200			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615			23.5	0
10	QPSK	1	0	22.59	22.64	22.55				
10	QPSK	1	25	22.57	22.61	22.63				
10	QPSK	1	49	22.62	22.58	22.57				
10	QPSK	25	0	22.63	22.60	22.61				
10	QPSK	25	12	22.63	22.61	22.56	23.5	0		
10	QPSK	25	25	22.63	22.59	22.59				
10	QPSK	50	0	22.61	22.63	22.51				
10	16QAM	1	0	22.63	22.57	22.58				
10	16QAM	1	25	22.55	22.62	22.57	23.5	0		
10	16QAM	1	49	22.63	22.61	22.58				
10	16QAM	25	0	22.57	22.55	22.48				
10	16QAM	25	12	22.63	22.61	22.54				
10	16QAM	25	25	22.59	22.62	22.57	23.5	0		
10	16QAM	50	0	22.60	22.63	22.53				
10	64QAM	1	0	22.60	22.57	22.54				
10	64QAM	1	25	22.62	22.63	22.61				
10	64QAM	1	49	22.60	22.62	22.57	23.5	0		
10	64QAM	25	0	21.63	21.63	21.58				
10	64QAM	25	12	21.73	21.73	21.63				
10	64QAM	25	25	21.69	21.71	21.67				
10	64QAM	50	0	21.72	21.70	21.63	22.5	1		
Channel				37775	38000	38225			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5			23.5	0
5	QPSK	1	0	22.58	22.63	22.51				
5	QPSK	1	12	22.58	22.58	22.51				
5	QPSK	1	24	22.51	22.59	22.55				
5	QPSK	12	0	22.56	22.58	22.53				
5	QPSK	12	7	22.60	22.53	22.56	23.5	0		
5	QPSK	12	13	22.57	22.56	22.51				
5	QPSK	25	0	22.60	22.59	22.52				
5	16QAM	1	0	22.56	22.51	22.52				
5	16QAM	1	12	22.59	22.59	22.57	23.5	0		
5	16QAM	1	24	22.57	22.60	22.54				
5	16QAM	12	0	22.56	22.58	22.50				
5	16QAM	12	7	22.63	22.61	22.60				
5	16QAM	12	13	22.54	22.59	22.59	23.5	0		
5	16QAM	25	0	22.62	22.62	22.52				
5	64QAM	1	0	22.58	22.60	22.52				
5	64QAM	1	12	22.53	22.57	22.51				
5	64QAM	1	24	22.53	22.56	22.59	23.5	0		
5	64QAM	12	0	21.62	21.57	21.50				
5	64QAM	12	7	21.61	21.73	21.65				
5	64QAM	12	13	21.65	21.65	21.57				
5	64QAM	25	0	21.62	21.64	21.58	22.5	1		

Band 41_Ant2 DSI5										
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	23.5	0
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.65	22.56	22.68	22.63	22.57	23.5	0
20	QPSK	1	49	22.57	22.56	22.61	22.66	22.55		
20	QPSK	1	99	22.54	22.50	22.58	22.54	22.64		
20	QPSK	50	0	22.61	22.53	22.65	22.58	22.60		
20	QPSK	50	24	22.58	22.61	22.63	22.59	22.60	23.5	0
20	QPSK	50	50	22.63	22.60	22.63	22.60	22.57		
20	QPSK	100	0	22.62	22.58	22.64	22.57	22.58		
20	16QAM	1	0	22.62	22.50	22.65	22.60	22.62		
20	16QAM	1	49	22.62	22.57	22.60	22.59	22.50	23.5	0
20	16QAM	1	99	22.66	22.55	22.62	22.62	22.59		
20	16QAM	50	0	22.60	22.55	22.57	22.58	22.60		
20	16QAM	50	24	22.60	22.63	22.64	22.60	22.58		
20	16QAM	50	50	22.66	22.64	22.66	22.65	22.57	23.5	0
20	16QAM	100	0	22.58	22.61	22.65	22.57	22.58		
20	64QAM	1	0	22.67	22.57	22.50	22.56	22.58		
20	64QAM	1	49	22.62	22.59	22.58	22.54	22.56		
20	64QAM	1	99	22.55	22.61	22.58	22.59	22.52	22.5	1
20	64QAM	50	0	21.58	21.51	21.59	21.61	21.56		
20	64QAM	50	24	21.58	21.58	21.61	21.51	21.54		
20	64QAM	50	50	21.58	21.56	21.58	21.57	21.48		
20	64QAM	100	0	21.63	21.66	21.60	21.60	21.61		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2593.5	2548.3	2593	2637.8	2682.5	23.50	0
15	QPSK	1	0	22.63	22.54	22.67	22.60	22.56		
15	QPSK	1	37	22.60	22.54	22.56	22.57	22.51	23.5	0
15	QPSK	1	74	22.56	22.62	22.63	22.61	22.56		
15	QPSK	36	0	22.60	22.50	22.53	22.59	22.57		
15	QPSK	36	20	22.65	22.58	22.63	22.64	22.60	23.5	0
15	QPSK	36	39	22.64	22.60	22.61	22.63	22.53		
15	QPSK	75	0	22.66	22.60	22.60	22.64	22.57		
15	16QAM	1	0	22.61	22.51	22.59	22.56	22.58	23.5	0
15	16QAM	1	37	22.60	22.56	22.55	22.56	22.61		
15	16QAM	1	74	22.65	22.63	22.60	22.62	22.58		
15	16QAM	36	0	22.63	22.46	22.50	22.54	22.51	23.5	0
15	16QAM	36	20	22.61	22.56	22.58	22.59	22.51		
15	16QAM	36	39	22.58	22.53	22.55	22.58	22.49		
15	16QAM	75	0	22.66	22.63	22.66	22.64	22.55	23.5	0
15	64QAM	1	0	22.66	22.58	22.48	22.45	22.48		
15	64QAM	1	37	22.60	22.50	22.45	22.48	22.58		
15	64QAM	1	74	22.53	22.57	22.52	22.58	22.48	22.5	1
15	64QAM	36	0	21.72	21.62	21.65	21.67	21.68		
15	64QAM	36	20	21.68	21.69	21.72	21.74	21.65		
15	64QAM	36	39	21.68	21.70	21.71	21.72	21.62	22.5	1
15	64QAM	75	0	21.71	21.71	21.72	21.71	21.67		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2591	2547	2593	2639	2685	23.50	0
10	QPSK	1	0	22.65	22.59	22.65	22.55	22.50		
10	QPSK	1	25	22.64	22.55	22.53	22.55	22.56	23.5	0
10	QPSK	1	49	22.64	22.52	22.58	22.57	22.48		
10	QPSK	25	0	22.62	22.56	22.59	22.61	22.60		
10	QPSK	25	12	22.66	22.67	22.61	22.64	22.62	23.5	0
10	QPSK	25	25	22.66	22.63	22.63	22.59	22.58		
10	QPSK	50	0	22.64	22.62	22.60	22.61	22.61		
10	16QAM	1	0	22.63	22.62	22.66	22.59	22.63	23.5	0
10	16QAM	1	25	22.60	22.66	22.59	22.62	22.62		
10	16QAM	1	49	22.59	22.61	22.66	22.67	22.56		
10	16QAM	25	0	22.62	22.50	22.58	22.60	22.60	23.5	0
10	16QAM	25	12	22.64	22.65	22.60	22.65	22.64		
10	16QAM	25	25	22.61	22.59	22.66	22.65	22.60		
10	16QAM	50	0	22.62	22.65	22.66	22.62	22.64	23.5	0
10	64QAM	1	0	22.53	22.50	22.59	22.60	22.58		
10	64QAM	1	25	22.51	22.58	22.62	22.61	22.63		
10	64QAM	1	49	22.43	22.58	22.64	22.66	22.60	22.5	1
10	64QAM	25	0	21.64	21.65	21.68	21.74	21.72		
10	64QAM	25	12	21.67	21.80	21.81	21.77	21.77		
10	64QAM	25	25	21.63	21.72	21.78	21.78	21.72	22.5	1
10	64QAM	50	0	21.65	21.75	21.76	21.74	21.71		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	23.50	0
5	QPSK	1	0	22.62	22.50	22.59	22.51	22.57		
5	QPSK	1	12	22.65	22.56	22.55	22.58	22.59	23.5	0
5	QPSK	1	24	22.58	22.56	22.51	22.59	22.53		
5	QPSK	12	0	22.63	22.54	22.56	22.56	22.57		
5	QPSK	12	7	22.65	22.56	22.59	22.57	22.65	23.5	0
5	QPSK	12	13	22.63	22.60	22.65	22.67	22.57		
5	QPSK	25	0	22.65	22.61	22.61	22.53	22.52		
5	16QAM	1	0	22.61	22.56	22.50	22.54	22.58	23.5	0
5	16QAM	1	12	22.63	22.55	22.58	22.63	22.53		
5	16QAM	1	24	22.58	22.55	22.56	22.58	22.56		
5	16QAM	12	0	22.61	22.59	22.53	22.55	22.54	23.5	0
5	16QAM	12	7	22.67	22.65	22.62	22.66	22.59		
5	16QAM	12	13	22.61	22.57	22.60	22.61	22.59		
5	16QAM	25	0	22.60	22.61	22.66	22.61	22.60	23.5	0
5	64QAM	1	0	22.55	22.50	22.54	22.55	22.51		
5	64QAM	1	24	22.59	22.59	22.58	22.62	22.53		
5	64QAM	12	0	21.72	21.69	21.62	21.65	21.63	22.5	1
5	64QAM	12	7	21.59	21.77	21.78	21.80	21.71		
5	64QAM	12	13	21.69	21.65	21.68	21.71	21.61		
5	64QAM	25	0	21.69	21.66	21.70	21.61	21.64		

GSM850 Ant 3 DSI 1&5

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.98	30.64	30.87	31.50	21.98	21.64	21.87	22.50
GPRS 1 Tx slot	31.00	30.98	30.93	31.50	22.00	21.98	21.93	22.50
GPRS 2 Tx slots	27.30	27.60	27.29	28.50	21.30	21.60	21.29	22.50
GPRS 3 Tx slots	25.64	25.63	25.46	26.50	21.38	21.37	21.20	22.24
GPRS 4 Tx slots	24.19	24.21	24.05	26.00	21.19	21.21	21.05	23.00
EDGE 1 Tx slot	26.53	26.61	26.57	27.00	17.53	17.61	17.57	18.00
EDGE 2 Tx slots	23.50	23.42	23.35	24.00	17.50	17.42	17.35	18.00
EDGE 3 Tx slots	21.68	21.91	21.87	23.00	17.40	17.65	17.41	18.74
EDGE 4 Tx slots	20.39	20.50	20.36	21.00	17.39	17.50	17.36	18.00

WCDMA V Ant 3 DSI 1&5

Band TX Channel	WCDMA V			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	4132	4182	4233		4132	4182	4233	
Rx Channel	4357	4407	4458		4357	4407	4458	
Frequency (MHz)	826.4	836.4	846.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	22.11	22.11	22.00	22.50	22.62	22.58	22.40	23.00
3GPP Rel 99 RMC 12.2Kbps	22.16	22.14	22.10	22.50	22.55	22.69	22.67	23.00
3GPP Rel 6 HSDPA Subtest-1	21.36	21.28	21.13	21.50	21.90	21.84	21.53	22.00
3GPP Rel 6 HSDPA Subtest-2	20.99	21.39	21.18	21.50	21.40	21.93	21.57	22.00
3GPP Rel 6 HSDPA Subtest-3	20.95	20.81	20.56	21.00	21.45	21.36	21.00	21.50
3GPP Rel 6 HSDPA Subtest-4	20.93	20.95	20.64	21.00	21.52	21.47	21.05	21.50
3GPP Rel 6 DC-HSDPA Subtest-1	21.40	21.36	21.15	21.50	21.98	21.77	21.61	22.00
3GPP Rel 6 DC-HSDPA Subtest-2	21.03	21.21	21.18	21.50	21.52	21.63	21.70	22.00
3GPP Rel 6 DC-HSDPA Subtest-3	20.81	20.86	20.69	21.00	21.33	21.31	21.31	21.50
3GPP Rel 6 DC-HSDPA Subtest-4	20.97	20.99	20.51	21.00	21.41	21.45	20.64	21.50
3GPP Rel 6 HSUPA Subtest-1	21.27	21.32	20.99	21.50	21.82	21.90	21.44	22.00
3GPP Rel 6 HSUPA Subtest-2	19.21	19.22	19.01	19.50	19.80	19.83	19.51	20.00
3GPP Rel 6 HSUPA Subtest-3	20.16	20.27	19.92	20.50	20.59	20.74	20.50	21.00
3GPP Rel 6 HSUPA Subtest-4	19.23	19.26	18.99	19.50	19.85	19.78	19.46	20.00
3GPP Rel 6 HSUPA Subtest-5	21.35	21.20	21.04	21.50	21.75	21.70	21.49	22.00

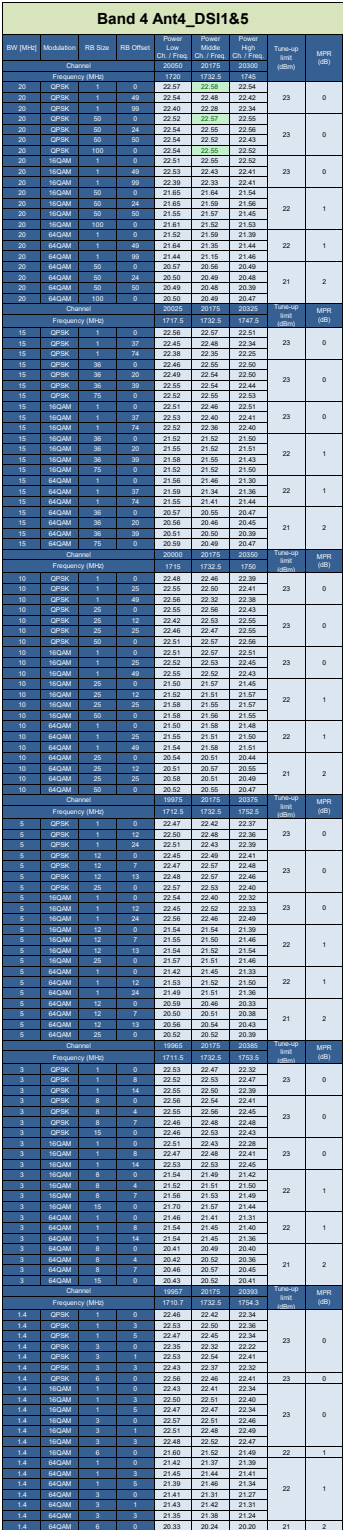
WCDMA V Ant 3 DSI 4

Band 5 Ant3_DS11										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20450	20525	20600	18.5	0		
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	18.14	18.29	18.01	18.5	0		
10	QPSK	1	25	17.79	17.94	17.79				
10	QPSK	1	49	18.01	18.07	18.09				
10	QPSK	25	0	17.86	18.11	17.88				
10	QPSK	25	12	17.93	17.87	17.91	18.5	0		
10	QPSK	25	25	17.85	18.01	17.85				
10	QPSK	50	0	17.84	18.02	17.82				
10	16QAM	1	0	18.11	17.95	18.08				
10	16QAM	1	25	17.83	17.99	17.82	18.5	0		
10	16QAM	1	49	17.94	18.03	18.08				
10	16QAM	25	0	17.87	18.11	18.03				
10	16QAM	25	12	17.87	17.83	17.80				
10	16QAM	25	25	17.66	17.82	17.96	18.5	0		
10	16QAM	50	0	17.86	18.06	18.04				
10	64QAM	1	0	18.05	17.98	18.05				
10	64QAM	1	25	17.83	17.90	17.82				
10	64QAM	1	49	17.97	18.04	17.99	18.5	0		
10	64QAM	25	0	17.92	18.01	18.03				
10	64QAM	25	12	17.93	17.91	17.82				
10	64QAM	25	25	17.62	17.99	17.90				
10	64QAM	50	0	18.01	17.96	17.97	18.5	0		
Channel				20425	20525	20625				
Frequency (MHz)				826.5	836.5	846.5	18.5	0		
5	QPSK	1	0	17.86	18.02	17.73				
5	QPSK	1	12	17.67	17.69	17.61	18.5	0		
5	QPSK	1	24	17.74	17.87	17.84				
5	QPSK	12	0	17.55	17.82	17.61				
5	QPSK	12	7	17.64	17.73	17.72				
5	QPSK	12	13	17.69	17.72	17.76	18.5	0		
5	QPSK	25	0	17.71	17.92	17.64				
5	16QAM	1	0	18.00	17.75	17.91				
5	16QAM	1	12	17.69	17.77	17.61				
5	16QAM	1	24	17.68	17.85	17.90	18.5	0		
5	16QAM	12	0	17.69	18.03	17.80				
5	16QAM	12	7	17.78	17.65	17.57				
5	16QAM	12	13	17.56	17.72	17.64				
5	16QAM	25	0	17.77	17.82	17.89	18.5	0		
5	64QAM	1	0	17.89	17.72	17.91				
5	64QAM	1	12	17.52	17.69	17.68				
5	64QAM	1	24	17.78	17.91	17.82				
5	64QAM	12	0	17.73	17.83	17.77	18.5	0		
5	64QAM	12	7	17.70	17.70	17.52				
5	64QAM	12	13	17.38	17.85	17.81				
5	64QAM	25	0	17.74	17.95	17.53				
Channel				20415	20525	20635	18.5	0		
Frequency (MHz)				825.5	836.5	847.5				
3	QPSK	1	0	17.84	18.05	17.89	18.5	0		
3	QPSK	1	8	17.64	17.71	17.65				
3	QPSK	1	14	17.84	17.77	17.88				
3	QPSK	8	0	17.64	17.99	17.80				
3	QPSK	8	4	17.82	17.75	17.71	18.5	0		
3	QPSK	8	7	17.75	17.89	17.78				
3	QPSK	15	0	17.53	17.86	17.73				
3	16QAM	1	0	17.85	17.71	18.00				
3	16QAM	1	8	17.74	17.89	17.59	18.5	0		
3	16QAM	1	14	17.70	17.87	17.95				
3	16QAM	8	0	17.66	17.83	17.75				
3	16QAM	8	4	17.55	17.51	17.49				
3	16QAM	8	7	17.53	17.55	17.86	18.5	0		
3	16QAM	15	0	17.69	17.95	17.84				
3	64QAM	1	0	17.92	17.72	17.81				
3	64QAM	1	8	17.69	17.62	17.60				
3	64QAM	1	14	17.77	17.84	17.84	18.5	0		
3	64QAM	8	0	17.69	17.86	17.93				
3	64QAM	8	4	17.85	17.69	17.57				
3	64QAM	8	7	17.46	17.74	17.70				
3	64QAM	15	0	17.74	17.64	17.88	18.5	0		
Channel				20407	20525	20643				
Frequency (MHz)				824.7	836.5	848.3	18.5	0		
1.4	QPSK	1	0	17.84	18.13	17.72				
1.4	QPSK	1	3	17.65	17.76	17.69	18.5	0		
1.4	QPSK	1	5	17.88	17.88	17.99				
1.4	QPSK	3	0	17.75	17.83	17.72				
1.4	QPSK	3	1	17.79	17.69	17.77				
1.4	QPSK	3	3	17.74	17.90	17.65	18.5	0		
1.4	QPSK	6	0	17.58	17.82	17.83				
1.4	16QAM	1	0	17.90	17.83	17.85				
1.4	16QAM	1	3	17.60	17.71	17.67				
1.4	16QAM	1	5	17.61	17.86	17.87	18.5	0		
1.4	16QAM	3	0	17.78	17.84	17.83				
1.4	16QAM	3	1	17.57	17.65	17.57				
1.4	16QAM	3	3	17.41	17.59	17.71				
1.4	16QAM	6	0	17.56	17.83	17.81	18.5	0		
1.4	64QAM	1	0	17.87	17.75	17.73				
1.4	64QAM	1	3	17.70	17.69	17.66				
1.4	64QAM	1	5	17.82	17.79	17.88				
1.4	64QAM	3	0	17.67	17.70	17.92	18.5	0		
1.4	64QAM	3	1	17.75	17.69	17.67				
1.4	64QAM	3	3	17.50	17.84	17.58				
1.4	64QAM	6	0	17.69	17.64	17.79				

Band 5 Ant3_DS15										
BW [MHz]	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	21	0		
Frequency (MHz)				829	836.5	844				
10	QPSK	1	0	20.56	20.63	20.45	21	0		
10	QPSK	1	25	20.38	20.50	20.40				
10	QPSK	1	49	20.39	20.53	20.37				
10	QPSK	25	0	20.23	20.48	20.47				
10	QPSK	25	12	20.47	20.44	20.32	21	0		
10	QPSK	25	25	20.33	20.46	20.36				
10	QPSK	50	0	20.43	20.52	20.40				
10	16QAM	1	0	20.50	20.45	20.47				
10	16QAM	1	25	20.46	20.33	20.39	21	0		
10	16QAM	1	49	20.47	20.56	20.56				
10	16QAM	25	0	20.25	20.55	20.52				
10	16QAM	25	12	20.27	20.34	20.35				
10	16QAM	25	25	20.21	20.44	20.32	21	0		
10	16QAM	50	0	20.38	20.47	20.54				
10	64QAM	1	0	20.55	20.62	20.42				
10	64QAM	1	25	20.36	20.35	20.41				
10	64QAM	1	49	20.31	20.57	20.57	21	0		
10	64QAM	25	0	20.32	20.48	20.52				
10	64QAM	25	12	20.27	20.44	20.36				
10	64QAM	25	25	20.13	20.52	20.48				
10	64QAM	50	0	20.46	20.54	20.42	21	0		
Channel				20425	20525	20625	21 <th colspan="2" rowspan="2">0</th>	0		
Frequency (MHz)				826.5	836.5	846.5				
5	QPSK	1	0	20.27	20.32	20.28	21	0		
5	QPSK	1	12	20.21	20.36	20.31				
5	QPSK	1	24	20.08	20.39	20.27				
5	QPSK	12	0	20.02	20.36	20.22				
5	QPSK	12	7	20.31	20.28	20.09	21	0		
5	QPSK	12	13	20.13	20.31	20.21				
5	QPSK	25	0	20.13	20.34	20.11				
5	16QAM	1	0	20.41	20.20	20.24				
5	16QAM	1	12	20.29	20.11	20.08	21	0		
5	16QAM	1	24	20.17	20.46	20.32				
5	16QAM	12	0	20.12	20.26	20.31				
5	16QAM	12	7	20.03	20.08	20.17				
5	16QAM	12	13	19.97	20.24	20.08	21	0		
5	16QAM	25	0	20.20	20.26	20.45				
5	64QAM	1	0	20.30	20.49	20.17				
5	64QAM	1	12	20.22	20.13	20.32				
5	64QAM	1	24	20.20	20.25	20.29	21	0		
5	64QAM	12	0	20.13	20.25	20.27				
5	64QAM	12	7	20.12	20.34	20.16				
5	64QAM	12	13	19.99	20.30	20.36				
5	64QAM	25	0	20.23	20.44	20.31	21	0		
Channel				20415	20525	20635	21 <th colspan="2" rowspan="2">0</th>	0		
Frequency (MHz)				826.5	836.5	847.5				
3	QPSK	1	0	20.29	20.34	20.24	21	0		
3	QPSK	1	8	20.17	20.34	20.16				
3	QPSK	1	14	20.16	20.24	20.25				
3	QPSK	8	0	19.97	20.32	20.38				
3	QPSK	8	4	20.23	20.35	20.11	21	0		
3	QPSK	8	7	20.09	20.20	20.22				
3	QPSK	15	0	20.33	20.30	20.13				
3	16QAM	1	0	20.27	20.18	20.31				
3	16QAM	1	8	20.25	20.02	20.14	21	0		
3	16QAM	1	14	20.37	20.35	20.47				
3	16QAM	8	0	20.00	20.45	20.32				
3	16QAM	8	4	20.06	20.03	20.22				
3	16QAM	8	7	20.08	20.16	20.05	21	0		
3	16QAM	15	0	20.06	20.15	20.23				
3	64QAM	1	0	20.43	20.38	20.31				
3	64QAM	1	8	20.23	20.05	20.27				
3	64QAM	1	14	20.16	20.33	20.37	21	0		
3	64QAM	8	0	20.19	20.17	20.25				
3	64QAM	8	4	19.96	20.21	20.11				
3	64QAM	8	7	19.93	20.39	20.20				
3	64QAM	15	0	20.28	20.45	20.23	21	0		
Channel				20407	20525	20643	21 <th colspan="2" rowspan="2">0</th>	0		
Frequency (MHz)				824.7	836.5	848.3				
1.4	QPSK	1	0	20.33	20.46	20.19	21	0		
1.4	QPSK	1	3	20.11	20.35	20.11				
1.4	QPSK	1	5	20.10	20.41	20.17				
1.4	QPSK	3	0	19.97	20.26	20.35				
1.4	QPSK	3	1	20.31	20.31	20.11	21	0		
1.4	QPSK	3	3	20.15	20.22	20.16				
1.4	QPSK	6	0	20.18	20.25	20.14				
1.4	16QAM	1	0	20.38	20.15	20.27				
1.4	16QAM	1	3	20.26	20.16	20.16	21	0		
1.4	16QAM	1	5	20.33	20.48	20.31				
1.4	16QAM	3	1	20.06	20.34	20.29				
1.4	16QAM	3	1	20.01	20.16	20.11				
1.4	16QAM	3	3	20.07	20.14	20.16	21	0		
1.4	16QAM	6	0	20.29	20.15	20.23				
1.4	64QAM	1	0	20.44	20.47	20.13				
1.4	64QAM	1	3	20.26	20.14	20.22				
1.4	64QAM	1	5	20.16	20.29	20.33	21	0		
1.4	64QAM	3	0	20.17	20.36	20.28				
1.4	64QAM	3	1	19.97	20.35	20.09				
1.4	64QAM	3	3	19.98	20.23	20.24				
1.4	64QAM	6	0	20.22	20.33	20.24	21	0		

Band 26 Ant3_DSI1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	18.89	19.10	18.84	19.5	0	
15	QPSK	1	37	19.01	18.98	18.85			
15	QPSK	1	74	18.87	19.04	18.89			
15	QPSK	36	0	18.80	19.06	18.76			
15	QPSK	36	20	18.99	18.97	18.89	19.5	0	
15	QPSK	36	39	18.81	18.99	18.93			
15	QPSK	75	0	18.87	18.93	18.86			
15	16QAM	1	0	18.91	18.88	18.99			
15	16QAM	1	37	18.96	18.90	18.89	19.5	0	
15	16QAM	1	74	19.09	18.94	19.06			
15	16QAM	36	0	18.94	18.87	18.79			
15	16QAM	36	20	18.99	18.97	18.87			
15	16QAM	36	39	18.95	18.91	18.91	19.5	0	
15	16QAM	75	0	19.04	18.80	18.68			
15	64QAM	1	0	18.97	19.03	18.93			
15	64QAM	1	37	18.87	19.08	18.91			
15	64QAM	1	74	18.88	19.00	18.92	19.5	0	
15	64QAM	36	0	18.81	18.83	18.88			
15	64QAM	36	20	18.91	19.03	18.90			
15	64QAM	36	39	18.95	18.96	18.73			
15	64QAM	75	0	18.83	18.80	18.92			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	18.66	19.01	18.66	19.5	0	
10	QPSK	1	25	18.80	18.81	18.60			
10	QPSK	1	49	18.58	18.90	18.70			
10	QPSK	25	0	18.66	18.87	18.57			
10	QPSK	25	12	18.71	18.80	18.67	19.5	0	
10	QPSK	25	25	18.68	18.90	18.84			
10	QPSK	50	0	18.74	18.81	18.63			
10	16QAM	1	0	18.63	18.58	18.80			
10	16QAM	1	25	18.67	18.79	18.61	19.5	0	
10	16QAM	1	49	18.96	18.77	18.92			
10	16QAM	25	0	18.78	18.62	18.68			
10	16QAM	25	12	18.87	18.70	18.68			
10	16QAM	25	25	18.64	18.66	18.61	19.5	0	
10	16QAM	50	0	18.79	18.49	18.40			
10	64QAM	1	0	18.70	18.74	18.64			
10	64QAM	1	25	18.69	18.88	18.81			
10	64QAM	1	49	18.58	18.87	18.74	19.5	0	
10	64QAM	25	0	18.67	18.64	18.56			
10	64QAM	25	12	18.72	18.88	18.59			
10	64QAM	25	25	18.83	18.79	18.61			
10	64QAM	50	0	18.69	18.67	18.81			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	18.75	18.87	18.59	19.5	0	
5	QPSK	1	12	18.71	18.86	18.68			
5	QPSK	1	24	18.63	18.80	18.60			
5	QPSK	12	0	18.60	18.96	18.63			
5	QPSK	12	7	18.83	18.79	18.72	19.5	0	
5	QPSK	12	13	18.68	18.68	18.81			
5	QPSK	25	0	18.77	18.64	18.78			
5	16QAM	1	0	18.69	18.57	18.71			
5	16QAM	1	12	18.64	18.66	18.64	19.5	0	
5	16QAM	1	24	18.99	18.69	18.87			
5	16QAM	12	0	18.79	18.73	18.60			
5	16QAM	12	7	18.71	18.80	18.75			
5	16QAM	12	13	18.67	18.78	18.60	19.5	0	
5	16QAM	25	0	18.74	18.59	18.52			
5	64QAM	1	0	18.81	18.75	18.79			
5	64QAM	1	12	18.73	18.87	18.61			
5	64QAM	1	24	18.57	18.85	18.83	19.5	0	
5	64QAM	12	0	18.61	18.62	18.69			
5	64QAM	12	7	18.59	18.91	18.74			
5	64QAM	12	13	18.70	18.78	18.57			
5	64QAM	25	0	18.53	18.54	18.78			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	18.63	18.80	18.56	19.5	0	
3	QPSK	1	8	18.77	18.90	18.62			
3	QPSK	1	14	18.57	18.80	18.58			
3	QPSK	8	0	18.59	18.93	18.65			
3	QPSK	8	4	18.82	18.74	18.68	19.5	0	
3	QPSK	8	7	18.50	18.87	18.73			
3	QPSK	15	0	18.71	18.76	18.66			
3	16QAM	1	0	18.74	18.64	18.88			
3	16QAM	1	8	18.85	18.78	18.81	19.5	0	
3	16QAM	1	14	18.80	18.80	18.97			
3	16QAM	8	0	18.70	18.72	18.56			
3	16QAM	8	4	18.75	18.87	18.74			
3	16QAM	8	7	18.74	18.76	18.72	19.5	0	
3	16QAM	15	0	18.86	18.54	18.37			
3	64QAM	1	0	18.73	18.72	18.76			
3	64QAM	1	8	18.73	18.89	18.76			
3	64QAM	1	14	18.63	18.84	18.63	19.5	0	
3	64QAM	8	0	18.55	18.68	18.67			
3	64QAM	8	4	18.64	18.76	18.68			
3	64QAM	8	7	18.77	18.78	18.46			
3	64QAM	15	0	18.63	18.52	18.71			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	18.78	18.96	18.55	19.5	0	
1.4	QPSK	1	3	18.84	18.78	18.54			
1.4	QPSK	1	5	18.66	18.79	18.68			
1.4	QPSK	3	0	18.65	18.92	18.66			
1.4	QPSK	3	1	18.68	18.75	18.77	19.5	0	
1.4	QPSK	3	3	18.56	18.71	18.69			
1.4	QPSK	6	0	18.67	18.71	18.71			
1.4	16QAM	1	0	18.64	18.56	18.68			
1.4	16QAM	1	3	18.65	18.66	18.62	19.5	0	
1.4	16QAM	1	5	18.86	18.79	18.95			
1.4	16QAM	3	0	18.66	18.71	18.50			
1.4	16QAM	3	1	18.78	18.87	18.68			
1.4	16QAM	3	3	18.63	18.69	18.63	19.5	0	
1.4	16QAM	6	0	18.82	18.68	18.59			
1.4	64QAM	1	0	18.70	18.93	18.65			
1.4	64QAM	1	3	18.79	18.79	18.83			
1.4	64QAM	1	5	18.62	18.79	18.60	19.5	0	
1.4	64QAM	3	0	18.50	18.60	18.67			
1.4	64QAM	3	1	18.62	18.84	18.78			
1.4	64QAM	3	3	18.74	18.84	18.61			
1.4	64QAM	6	0	18.54	18.67	18.81	19.5	0	

Band 26 Ant3_DS15									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq.	Power Middle Ch. Freq.	Power High Ch. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26765	26865	26965			
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.47	21.61	21.39	22	0	
15	QPSK	1	37	21.52	21.43	21.40			
15	QPSK	1	74	21.33	21.33	21.30			
15	QPSK	36	0	21.28	21.46	21.39	22	0	
15	QPSK	36	20	21.45	21.43	21.37			
15	QPSK	36	39	21.33	21.37	21.38			
15	QPSK	75	0	21.31	21.46	21.26	22	0	
15	16QAM	1	0	21.38	21.40	21.38			
15	16QAM	1	37	21.58	21.43	21.42			
15	16QAM	1	74	21.49	21.56	21.38	22	0	
15	16QAM	36	0	21.38	21.29	21.27			
15	16QAM	36	20	21.38	21.26	21.38			
15	16QAM	36	39	21.49	21.42	21.40	22	0	
15	16QAM	75	0	21.33	21.29	21.39			
15	64QAM	1	0	21.56	21.51	21.60			
15	64QAM	1	37	21.42	21.55	21.36	22	0	
15	64QAM	1	74	21.52	21.36	21.47			
15	64QAM	36	0	20.51	20.44	20.24			
15	64QAM	36	20	20.43	20.39	20.29	22	0	
15	64QAM	36	39	20.28	20.49	20.35			
15	64QAM	75	0	20.54	20.40	20.31			
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.26	21.47	21.28	22	0	
10	QPSK	1	25	21.23	21.12	21.27			
10	QPSK	1	49	21.15	21.22	21.00			
10	QPSK	25	0	21.18	21.30	21.08	22	0	
10	QPSK	25	12	21.27	21.19	21.22			
10	QPSK	25	25	21.03	21.29	21.15			
10	QPSK	50	0	21.05	21.31	21.09	22	0	
10	16QAM	1	0	21.09	21.19	21.45			
10	16QAM	1	25	21.48	21.28	21.13			
10	16QAM	1	49	21.26	21.29	21.20	22	0	
10	16QAM	25	0	21.26	21.05	21.13			
10	16QAM	25	12	21.22	21.03	21.28			
10	16QAM	25	25	21.35	21.29	21.31	22	0	
10	16QAM	50	0	21.18	20.99	21.29			
10	64QAM	1	0	21.31	21.35	21.31			
10	64QAM	1	25	21.18	21.39	21.05	22	0	
10	64QAM	1	49	21.41	21.22	21.27			
10	64QAM	25	0	20.20	20.21	20.15			
10	64QAM	25	12	20.20	20.11	20.01	22	0	
10	64QAM	25	25	20.10	20.35	20.18			
10	64QAM	50	0	20.25	20.23	20.04			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.34	21.49	21.20	22	0	
5	QPSK	1	12	21.20	21.14	21.22			
5	QPSK	1	24	21.14	21.10	21.19			
5	QPSK	12	0	21.12	21.38	21.16	22	0	
5	QPSK	12	7	21.18	21.24	21.11			
5	QPSK	12	13	21.26	21.29	21.10			
5	QPSK	25	0	21.17	21.27	20.94	22	0	
5	16QAM	1	0	21.11	21.08	21.34			
5	16QAM	1	12	21.47	21.33	21.24			
5	16QAM	1	24	21.30	21.37	21.07	22	0	
5	16QAM	12	0	21.14	21.19	21.16			
5	16QAM	12	7	21.29	20.99	21.24			
5	16QAM	12	13	21.22	21.23	21.10	22	0	
5	16QAM	25	0	21.13	21.03	21.17			
5	64QAM	1	0	21.41	21.21	21.50			
5	64QAM	1	12	21.20	21.32	21.06	22	0	
5	64QAM	1	24	21.39	21.17	21.17			
5	64QAM	12	0	20.25	20.35	20.00			
5	64QAM	12	7	20.12	20.20	20.15	22	0	
5	64QAM	12	13	20.15	20.36	20.04			
5	64QAM	25	0	20.38	20.09	20.03			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				815.5	831.5	847.5			
3	QPSK	1	0	21.28	21.34	21.20	22	0	
3	QPSK	1	8	21.29	21.25	21.18			
3	QPSK	1	14	21.17	21.14	21.10			
3	QPSK	8	0	21.06	21.36	21.24	22	0	
3	QPSK	8	4	21.20	21.14	21.29			
3	QPSK	8	7	21.19	21.28	21.07			
3	QPSK	15	0	20.99	21.18	20.96	22	0	
3	16QAM	1	0	21.09	21.29	21.46			
3	16QAM	1	8	21.41	21.28	21.21			
3	16QAM	1	14	21.34	21.29	21.24	22	0	
3	16QAM	8	0	21.09	21.18	21.16			
3	16QAM	8	4	21.30	21.00	21.21			
3	16QAM	8	7	21.18	21.29	21.10	22	0	
3	16QAM	15	0	21.02	20.98	21.16			
3	64QAM	1	0	21.37	21.22	21.37			
3	64QAM	1	8	21.17	21.26	21.14	22	0	
3	64QAM	1	14	21.43	21.23	21.25			
3	64QAM	8	0	20.43	21.04	20.15			
3	64QAM	8	4	20.12	21.22	20.36	22	0	
3	64QAM	8	7	20.18	20.40	20.09			
3	64QAM	15	0	20.46	20.25	20.04			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.23	21.47	21.16	22	0	
1.4	QPSK	1	3	21.33	21.20	21.23			
1.4	QPSK	1	5	21.15	21.23	20.98			
1.4	QPSK	3	0	21.00	21.15	21.24	22	0	
1.4	QPSK	3	1	21.14	21.33	21.22			
1.4	QPSK	3	3	21.05	21.09	21.20			
1.4	QPSK	6	0	21.05	21.32	21.02	22	0	
1.4	16QAM	1	0	21.18	21.09	21.47			
1.4	16QAM	1	3	21.28	21.30	21.12			
1.4	16QAM	1	5	21.30	21.26	21.19	22	0	
1.4	16QAM	3	0	21.25	21.15	21.06			
1.4	16QAM	3	1	21.29	21.03	21.13			
1.4	16QAM	3	3	21.28	21.27	21.31	22	0	
1.4	16QAM	6	0	21.08	21.20	21.24			
1.4	16QAM	1	0	21.40	21.22	21.30			
1.4	64QAM	1	3	21.23	21.24	21.21	22	0	
1.4	64QAM	1	5	21.32	21.15	21.24			
1.4	64QAM	3	0	20.39	20.31	20.07			
1.4	64QAM	3	1	20.17	20.27	20.04	22	0	
1.4	64QAM	3	3	20.00	20.37	20.22			
1.4	64QAM	6	0	20.31	20.27	20.17			



Band 7 Ant4_DS1&5									
Sub Band	Modulation	RB Size	RB Offset	Power [dBm]	Power [dBm]	Power [dBm]	Time-slot [ms]	MPR [dB]	
Channel 1									
20	QPSK	1	0	15.41	15.45	15.38	15.5	0	
20	QPSK	1	1	15.38	15.42	15.35	15.5	0	
20	QPSK	1	2	15.35	15.39	15.34	15.5	0	
20	QPSK	1	3	15.32	15.36	15.29	15.5	0	
20	QPSK	50	0	15.31	15.34	15.27	15.5	0	
20	QPSK	50	1	15.27	15.31	15.25	15.5	0	
20	QPSK	50	2	15.24	15.28	15.22	15.5	0	
20	QPSK	50	3	15.21	15.25	15.19	15.5	0	
20	QPSK	100	0	15.19	15.22	15.15	15.5	0	
20	QPSK	100	1	15.15	15.19	15.13	15.5	0	
20	QPSK	100	2	15.12	15.16	15.10	15.5	0	
20	QPSK	100	3	15.09	15.13	15.07	15.5	0	
20	QPSK	50	24	15.32	15.44	15.23	15.5	0	
20	QPSK	50	25	15.30	15.41	15.20	15.5	0	
20	QPSK	50	26	15.28	15.38	15.18	15.5	0	
20	QPSK	50	27	15.26	15.36	15.16	15.5	0	
20	QPSK	100	0	15.31	15.34	15.25	15.5	0	
Channel 2									
Channel				20.07	20.05	20.02			
16	QPSK	1	0	19.93	19.97	19.95	15.5	0	
16	QPSK	1	1	19.91	19.99	19.93	15.5	0	
16	QPSK	1	2	19.89	19.94	19.87	15.5	0	
16	QPSK	36	0	19.03	19.36	19.01	15.5	0	
16	QPSK	36	1	18.96	19.16	18.92	15.5	0	
16	QPSK	36	2	18.90	19.09	18.87	15.5	0	
16	QPSK	75	0	19.27	19.27	19.15	15.5	0	
16	QPSK	75	1	19.24	19.24	19.13	15.5	0	
16	QPSK	75	2	19.21	19.21	19.10	15.5	0	
16	QPSK	75	3	19.18	19.18	19.08	15.5	0	
16	QPSK	36	14	19.15	19.06	19.00	15.5	0	
16	QPSK	36	15	19.07	18.97	18.92	15.5	0	
16	QPSK	36	16	19.01	18.95	18.89	15.5	0	
16	QPSK	36	17	18.95	18.88	18.82	15.5	0	
16	QPSK	36	18	18.89	18.81	18.75	15.5	0	
16	QPSK	36	19	18.83	18.74	18.68	15.5	0	
16	QPSK	36	20	18.77	18.67	18.62	15.5	0	
16	QPSK	36	21	18.71	18.60	18.55	15.5	0	
16	QPSK	75	0	19.19	19.25	19.05	15.5	0	
Channel 3									
Channel				20.00	21.00	21.00			
10	QPSK	1	0	15.41	15.41	15.38	15.5	0	
10	QPSK	1	1	15.38	15.38	15.35	15.5	0	
10	QPSK	1	2	15.35	15.35	15.32	15.5	0	
10	QPSK	25	0	15.14	15.26	15.07	15.5	0	
10	QPSK	25	12	15.21	15.05	15.04	15.5	0	
10	QPSK	25	13	15.18	14.91	14.90	15.5	0	
10	QPSK	50	0	15.18	15.10	15.14	15.5	0	
10	QPSK	1	0	15.21	15.10	15.20	15.5	0	
10	QPSK	1	1	15.17	15.07	15.17	15.5	0	
10	QPSK	1	2	15.14	15.04	15.14	15.5	0	
10	QPSK	1	3	15.11	15.01	15.11	15.5	0	
10	QPSK	1	4	15.08	14.98	15.08	15.5	0	
10	QPSK	25	0	15.13	15.13	15.13	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0	
10	QPSK	1	2	15.21	15.11	15.21	15.5	0	
10	QPSK	1	3	15.18	15.08	15.18	15.5	0	
10	QPSK	1	4	15.15	15.05	15.15	15.5	0	
10	QPSK	25	12	15.08	14.92	14.92	15.5	0	
10	QPSK	25	13	15.05	14.89	14.89	15.5	0	
10	QPSK	50	0	15.22	15.19	15.13	15.5	0	
10	QPSK	1	0	15.27	15.17	15.27	15.5	0	
10	QPSK	1	1	15.24	15.14	15.24	15.5	0</	

Band 7 Ant4_DSI3												
IMT (MHz)	Modulation	RIS Size	RIS Offset	Power Max CH/Freq1	Power Max CH/Freq2	Power Max CH/Freq3	Time-slot init (ms)	MPE (dB)				
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.20	21.20	21.20	21.5	0				
15	QPSK	40	0	21.20	21.20	21.20						
15	QPSK	1	59	21.31	21.32	21.34						
15	QPSK	60	0	21.31	21.33	21.14						
15	QPSK	60	14	21.31	21.33	21.20						
15	QPSK	60	50	21.30	21.30	21.18	21.5	0				
15	QPSK	160	0	21.27	21.29	21.18						
15	QPSK	1	59	21.31	21.32	21.11						
15	HQAM	1	48	21.27	21.28	21.20			21.5	0		
15	HQAM	1	59	21.22	21.25	21.26						
15	HQAM	80	0	21.22	21.25	21.26						
15	HQAM	80	24	21.32	21.31	21.22						
15	HQAM	160	50	21.33	21.31	21.29						
15	HQAM	160	0	21.29	21.28	21.26	21.5	0				
15	HQAM	1	0	21.18	21.19	21.13						
15	HQAM	1	69	21.15	21.16	20.66						
15	HQAM	80	0	21.15	21.17	20.66						
15	HQAM	80	0	20.17	20.10	20.11						
15	HQAM	80	24	20.34	20.27	20.34	20.5	1				
15	HQAM	80	50	20.34	20.34	20.34						
15	HQAM	160	0	20.29	20.28	20.17						
15	HQAM	160	0	20.29	20.28	20.17						
15	HQAM	160	0	20.29	20.28	20.17						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.21	21.24	21.21	21.5	0				
15	QPSK	1	57	21.20	21.26	21.26						
15	QPSK	1	58	21.20	21.26	21.26						
15	QPSK	86	0	21.20	21.20	21.17						
15	QPSK	86	0	20.33	20.32	21.27						
15	QPSK	86	59	21.31	21.31	21.31	21.5	0				
15	QPSK	75	0	21.32	21.28	21.20						
15	QPSK	75	0	21.32	21.28	21.20						
15	HQAM	1	37	21.25	21.29	21.26			21.5	0		
15	HQAM	1	74	21.30	21.33	21.30						
15	HQAM	86	0	21.33	21.33	21.27						
15	HQAM	86	30	21.33	21.33	21.20						
15	HQAM	86	59	21.29	21.29	21.19						
15	HQAM	86	0	21.31	21.31	21.20	21.5	0				
15	HQAM	1	0	21.07	21.00	20.09						
15	HQAM	1	37	21.12	21.16	21.14						
15	HQAM	1	74	21.13	21.27	21.27						
15	HQAM	86	0	20.21	20.10	20.18						
15	HQAM	86	30	20.33	20.31	20.22	20.5	1				
15	HQAM	86	59	20.33	20.33	20.22						
15	HQAM	160	0	20.27	20.20	20.20						
15	HQAM	160	0	20.27	20.20	20.20						
15	HQAM	160	0	20.27	20.20	20.20						
Channel												
Frequency (MHz)												
15	QPSK	1	0	21.17	21.18	21.60	21.5	0				
15	QPSK	1	25	21.54	21.54	21.17						
15	QPSK	1	26	21.52	21.52	21.20						
15	QPSK	25	0	21.54	21.50	21.26						
15	QPSK	25	12	21.33	21.32	21.28						
15	QPSK	25	12	21.33	21.33	21.28	21.5	0				
15	QPSK	60	0	21.52	21.29	21						
15	HQAM	1	0	21.29	21.27	21.26			21.5	0		
15	HQAM	25	0	21.19	21.24	21.26						
15	HQAM	12	13	21.12	21.26	21.26						
15	HQAM	25	25	21.29	21.31	21.27						
15	HQAM	1	0	21.11	21.29	21.25	21.5	0				
15	HQAM	1	25	21.21	21.29	21.22						
15	HQAM	60	0	21.28	21.28	21.26						
15	HQAM	25	0	20.31	20.32	20.24						
15	HQAM	25	12	20.35	20.33	20.29						
15	HQAM	25	12	20.35	20.35	20.29	20.5	1				
15	HQAM	60	0	20.29	20.29	20.24						
15	HQAM	60	0	20.29	20.29	20.24						
15	HQAM	60	0	20.29	20.29	20.24						
15	HQAM	60	0	20.29	20.29	20.24						
Channel												
Frequency (MHz)												
5	QPSK	1	0	21.22	21.21	21.13	21.5	0				
5	QPSK	1	12	21.23	21.20	21.13						
5	QPSK	1	24	21.24	21.21	21.08						
5	QPSK	12	0	21.23	21.21	21.15						
5	QPSK	12	7	21.30	21.28	21.23						
5	QPSK	12	13	21.28	21.23	21.23	21.5	0				
5	QPSK	25	0	21.25	21.24	21.19						
5	QPSK	25	0	21.15	21.12	21.08						
5	HQAM	1	12	21.25	21.26	21.20			21.5	0		
5	HQAM	1	24	21.19	21.28	21.27						
5	HQAM	12	0	21.25	21.26	21.22						
5	HQAM	12	13	21.25	21.26	21.22						
5	HQAM	25	0	21.25	21.26	21.24						
5	HQAM	1	0	21.20	21.20	20.17	21.5	0				
5	HQAM	1	12	21.30	21.29	20.17						
5	HQAM	1	24	21.36	21.27	20.17						
5	HQAM	12	0	21.24	21.24	20.17						
5	HQAM	12	7	21.28	20.32	20.24						
5	HQAM	25	0	20.27	20.32	20.24	20.5	1				
5	HQAM	25	0	20.27	20.32	20.24						
5	HQAM	25	0	20.27	20.32	20.24						
5	HQAM	25	0	20.27	20.32	20.24						
5	HQAM	25	0	20.27	20.32	20.24						

Band 66 An14_DS1&5												
RW (MHz)	Modulation	Offset	Rate	Hz	Ch Offset	Ch Power [dBm]	Ch Power [dBm]	Ch Power [dBm]	Turn-up time (s)	MPE (dB)		
Frequency (MHz)												
20	QPSK	1	0	18.55	15.85	18.43						
20	QPSK	1	39	18.47	16.41	18.39						
20	QPSK	1	59	18.37	16.33	18.31						
20	QPSK	50	0	18.55	15.87	18.43						
20	QPSK	50	24	18.44	16.48	18.38			19	0		
20	QPSK	50	50	18.52	16.43	18.40						
20	QPSK	100	0	18.52	15.85	18.34						
20	QPSK	100	24	18.41	16.47	18.39						
20	16QAM	1	49	18.51	16.40	18.49			19	0		
20	16QAM	1	99	18.46	16.48	18.51						
20	16QAM	50	50	18.53	16.48	18.50						
20	16QAM	50	24	18.42	16.27	18.22						
20	16QAM	50	50	18.33	16.27	18.20						
20	16QAM	100	50	18.38	16.25	18.23						
20	64QAM	1	0	18.52	16.25	18.24						
20	64QAM	1	49	18.44	16.32	18.35						
20	64QAM	1	99	18.36	16.27	18.29						
20	64QAM	50	0	18.33	16.29	18.20						
20	64QAM	50	24	18.36	16.28	18.23						
20	64QAM	50	50	18.33	16.26	18.18			19	0		
20	64QAM	100	0	18.37	16.25	18.17						
Channels												
18	QPSK	1	0	17.175	17.165	17.175			Turn-up time (s)	MPE (dB)		
18	QPSK	1	0	18.46	18.49	18.41	18.26					
18	QPSK	1	37	18.40	18.42	18.33	18.27					
18	QPSK	1	39	18.39	18.38	18.29	18.23					
18	QPSK	36	0	18.35	18.28	18.19	18.13					
18	QPSK	36	20	18.34	18.27	18.19	18.13					
18	QPSK	36	20	18.34	18.28	18.18	18.13					
18	16QAM	1	37	18.50	18.33	18.23	18.17					
18	16QAM	1	37	18.47	18.42	18.43	18.37					
18	16QAM	1	74	18.47	18.52	18.54	18.48					
18	16QAM	36	20	18.53	18.47	18.45	18.39					
18	16QAM	36	20	18.45	18.54	18.50	18.44					
18	16QAM	36	39	18.55	18.48	18.43	18.37					
18	16QAM	75	24	18.56	18.42	18.40	18.34					
18	64QAM	1	0	18.48	18.48	18.40	18.34					
18	64QAM	1	37	18.36	18.51	18.29	18.23					
18	64QAM	1	39	18.27	18.50	18.29	18.23					
18	64QAM	36	0	18.53	18.48	18.40	18.34					
18	64QAM	36	20	18.52	18.56	18.48	18.42					
18	64QAM	36	20	18.54	18.49	18.40	18.34			19	0	
18	64QAM	75	0	18.57	18.44	18.42	18.36					
Frequency (MHz)												
10	QPSK	1	0	18.49	18.41	18.26						
10	QPSK	1	25	18.47	18.39	18.32						
10	QPSK	1	35	18.35	18.34	18.23						
10	QPSK	25	0	18.53	18.46	18.36						
10	QPSK	25	12	18.57	18.46	18.41						
10	QPSK	25	12	18.54	18.49	18.45						
10	QPSK	50	0	18.42	18.42	18.45						
10	16QAM	1	0	18.56	18.40	18.37						
10	16QAM	1	35	18.55	18.38	18.45						
10	16QAM	1	49	18.53	18.26	18.45						
10	16QAM	25	12	18.52	18.49	18.43						
10	16QAM	25	12	18.40	18.07	18.28						
10	16QAM	25	12	18.34	18.08	18.19						
10	16QAM	50	0	18.38	18.06	18.23						
10	64QAM	1	0	18.48	18.34	18.47						
10	64QAM	1	25	18.45	18.35	18.45						
10	64QAM	1	35	18.41	18.37	18.36						
10	64QAM	25	0	18.33	18.08	18.20						
10	64QAM	25	12	18.41	18.07	18.30						
10	64QAM	25	12	18.32	18.08	18.21						
10	64QAM	50	0	18.36	18.03	18.21						
Channels												
3	QPSK	1	0	18.53	18.37	18.22			Turn-up time (s)	MPE (dB)		
3	QPSK	1	12	18.50	18.38	18.27						
3	QPSK	1	24	18.41	18.33	18.23						
3	QPSK	12	0	18.36	18.22	18.12						
3	QPSK	12	7	18.41	18.36	18.24						
3	QPSK	12	7	18.33	18.26	18.15						
3	QPSK	12	0	18.32	18.15	18.17						
3	QPSK	15	0	18.44	18.44	18.31						
3	QPSK	15	0	18.45	18.43	18.30						
3	QPSK	1	24	18.51	18.45	18.32						
3	16QAM	12	0	18.40	18.21	18.15						
3	16QAM	12	7	18.45	18.33	18.23						
3	16QAM	12	7	18.35	18.28	18.16						
3	16QAM	15	0	18.42	18.41	18.28						
3	64QAM	1	12	18.44	18.41	18.43						
3	64QAM	1	24	18.38	18.10	18.12						
3	64QAM	12	26	18.40	18.31	18.25						
3	64QAM	12	7	18.41	18.32	18.21						
3	64QAM	15	0	18.35	18.23	18.21						
Channels												
3	QPSK	1	0	18.56	18.40	18.29			Turn-up time (s)	MPE (dB)		
3	QPSK	1	8	18.56	18.43	18.38						
3	QPSK	8	0	18.51	18.38	18.26						
3	QPSK	8	8	18.45	18.42	18.33						
3	QPSK	8	4	18.51	18.50	18.43						
3	QPSK	16	0	18.56	18.44	18.40						
3	QPSK	16	0	18.48	18.49	18.31						
3	16QAM	1	0	18.40	18.25	18.21						
3	16QAM	1	16	18.50	18.43	18.33						
3	16QAM	1	14	18.43	18.28	18.18						
3	16QAM	8	0	18.40	18.25	18.16						
3	16QAM	8	8	18.48	18.39	18.29						
3	16QAM	8	7	18.37	18.29	18.21						
3	64QAM	1	0	18.43	18.34	18.19						
3	64QAM	1	16	18.50	18.39	18.30						
3	64QAM	1	8	18.50	18.45	18.37						
3	64QAM	8	0	18.50	18.49	18.50						
3	64QAM	8	8	18.42	18.47	18.42						
3	64QAM	8	4	18.40	18.47	18.45						
3	64QAM	16	0	18.46	18.50	18.46						
3	64QAM	15	7	18.42	18.51	18.39						
Channels												
1.4	QPSK	1	0	18.187	18.022	18.085			Turn-up time (s)	MPE (dB)		
1.4	QPSK	1	0	18.42	18.34	18.26						
1.4	QPSK	1	3	18.45	18.34	18.27						
1.4	QPSK	1	5	18.42	18.49	18.24						
1.4	QPSK	3	1	18.46	18.24	18.17						
1.4	QPSK	3	1	18.45	18.45	18.35						
1.4	QPSK	5	0	18.57	18.27	18.21						
1.4	QPSK	5	0	18.50	18.44	18.26			19	0		
1.4	16QAM	1	0	18.34	18.40	18.30						
1.4	16QAM	3	0	18.46	18.53	18.41						
1.4	16QAM	3	0	18.51	18.46	18.38						
1.4	16QAM	3	3	18.39	18.29	18.16						
1.4	16QAM	3	3	18.36	18.28	18.18						
1.4	16QAM	3	3	18.31	18.27	18.18						
1.4	64QAM	1	0	18.48	18.48	18.34						
1.4	64QAM	1	3	18.57	18.53	18.32						
1.4	64QAM	1	5	18.51	18.41	18.39						
1.4	64QAM	3	1	18.36	18.34	18.27						
1.4	64QAM	3	1	18.22	18.44	18.19						
1.4	64QAM	3	1	18.42	18.37	18.27						
1.4	64QAM	3	3	18.36	18.33	18.21						
1.4	64QAM	3	3	18.32	18.34	18.23			19	0		

Band 38 Ant4_DSI1&5

BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	16.75	16.89	16.76	17	0
20	QPSK	1	49	16.46	16.76	16.82		
20	QPSK	1	99	16.69	16.84	16.79		
20	QPSK	50	0	16.77	16.79	16.71	17	0
20	QPSK	50	24	16.80	16.61	16.63		
20	QPSK	50	50	16.80	16.64	16.68		
20	QPSK	100	0	16.64	16.76	16.75	17	0
20	16QAM	1	0	16.71	16.72	16.54		
20	16QAM	1	49	16.67	16.65	16.57		
20	16QAM	1	99	16.56	16.62	16.70	17	0
20	16QAM	50	0	16.63	16.78	16.61		
20	16QAM	50	24	16.86	16.79	16.68		
20	16QAM	50	50	16.68	16.77	16.67	17	0
20	16QAM	100	0	16.75	16.74	16.71		
20	64QAM	1	0	16.38	16.49	16.30		
20	64QAM	1	49	16.30	16.52	16.45	17	0
20	64QAM	1	99	16.31	16.42	16.54		
20	64QAM	50	0	16.70	16.74	16.52		
20	64QAM	50	24	16.59	16.79	16.55	17	0
20	64QAM	50	50	16.66	16.70	16.61		
20	64QAM	100	0	16.80	16.86	16.63		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	16.60	16.67	16.66		
15	QPSK	1	37	16.24	16.64	16.55	17	0
15	QPSK	1	74	16.37	16.57	16.52		
15	QPSK	36	0	16.66	16.66	16.48		
15	QPSK	36	20	16.39	16.52	16.40	17	0
15	QPSK	36	39	16.40	16.36	16.48		
15	QPSK	75	0	16.37	16.51	16.64		
15	16QAM	1	0	16.42	16.45	16.32	17	0
15	16QAM	1	37	16.57	16.51	16.35		
15	16QAM	1	74	16.35	16.43	16.61		
15	16QAM	36	0	16.54	16.55	16.40	17	0
15	16QAM	36	20	16.68	16.58	16.47		
15	16QAM	36	39	16.59	16.53	16.52		
15	16QAM	75	0	16.53	16.56	16.43	17	0
15	64QAM	1	0	16.13	16.39	15.98		
15	64QAM	1	37	16.03	16.38	16.14		
15	64QAM	1	74	16.00	16.11	16.29	17	0
15	64QAM	36	0	16.57	16.44	16.21		
15	64QAM	36	20	16.28	16.62	16.34		
15	64QAM	36	39	16.57	16.46	16.33	17	0
15	64QAM	75	0	16.61	16.55	16.50		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	16.51	16.58	16.56		
10	QPSK	1	25	16.33	16.60	16.62	17	0
10	QPSK	1	49	16.47	16.67	16.51		
10	QPSK	25	0	16.64	16.58	16.55		
10	QPSK	25	12	16.30	16.43	16.35	17	0
10	QPSK	25	25	16.52	16.36	16.58		
10	QPSK	50	0	16.44	16.47	16.64		
10	16QAM	1	0	16.57	16.44	16.43	17	0
10	16QAM	1	25	16.45	16.44	16.32		
10	16QAM	1	49	16.39	16.38	16.53		
10	16QAM	25	0	16.35	16.65	16.50	17	0
10	16QAM	25	12	16.69	16.58	16.55		
10	16QAM	25	25	16.47	16.51	16.56		
10	16QAM	50	0	16.62	16.47	16.47	17	0
10	64QAM	1	0	16.07	16.34	16.03		
10	64QAM	1	25	16.11	16.27	16.34		
10	64QAM	1	49	16.10	16.21	16.33	17	0
10	64QAM	25	0	16.48	16.47	16.30		
10	64QAM	25	12	16.38	16.68	16.38		
10	64QAM	25	25	16.45	16.48	16.43	17	0
10	64QAM	50	0	16.66	16.77	16.46		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.48	16.66	16.61		
5	QPSK	1	12	16.33	16.49	16.65	17	0
5	QPSK	1	24	16.48	16.61	16.51		
5	QPSK	12	0	16.64	16.71	16.42		
5	QPSK	12	7	16.43	16.41	16.40	17	0
5	QPSK	12	13	16.41	16.48	16.52		
5	QPSK	25	0	16.36	16.46	16.46		
5	16QAM	1	0	16.45	16.54	16.31	17	0
5	16QAM	1	12	16.55	16.38	16.43		
5	16QAM	1	24	16.37	16.47	16.56		
5	16QAM	12	0	16.49	16.65	16.36	17	0
5	16QAM	12	7	16.71	16.48	16.37		
5	16QAM	12	13	16.47	16.49	16.53		
5	16QAM	25	0	16.50	16.58	16.55	17	0
5	64QAM	1	0	16.08	16.34	16.16		
5	64QAM	1	12	16.21	16.33	16.28		
5	64QAM	1	24	16.06	16.15	16.32	17	0
5	64QAM	12	0	16.56	16.47	16.35		
5	64QAM	12	7	16.45	16.52	16.43		
5	64QAM	12	13	16.46	16.52	16.35	17	0
5	64QAM	25	0	16.68	16.55	16.32		

Band 38 Ant4_DSI3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	21.25	21.29	21.24	21.5	0
20	QPSK	1	49	21.25	21.23	21.16		
20	QPSK	1	99	21.24	21.24	21.19		
20	QPSK	50	0	21.21	21.26	21.18	21.5	0
20	QPSK	50	24	21.22	21.22	21.20		
20	QPSK	50	50	21.25	21.22	21.25		
20	QPSK	100	0	21.20	21.24	21.20	21.5	0
20	16QAM	1	0	21.24	21.22	21.14		
20	16QAM	1	49	21.25	21.21	21.23		
20	16QAM	1	99	21.22	21.21	21.17	21.5	0
20	16QAM	50	0	21.14	21.26	21.18		
20	16QAM	50	24	21.13	21.14	21.20		
20	16QAM	50	50	21.21	21.24	21.25	21.5	0
20	16QAM	100	0	21.21	21.22	21.18		
20	64QAM	1	0	20.97	21.00	20.93		
20	64QAM	1	49	21.01	20.98	20.99	21.5	0
20	64QAM	1	99	20.92	20.96	21.01		
20	64QAM	50	0	20.36	20.28	20.24		
20	64QAM	50	24	20.35	20.36	20.24	20.5	1
20	64QAM	50	50	20.35	20.34	20.29		
20	64QAM	100	0	20.37	20.36	20.32		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	21.24	21.18	21.18	21.5	0
15	QPSK	1	37	21.23	21.26	21.16		
15	QPSK	1	74	21.26	21.26	21.17		
15	QPSK	36	0	21.28	21.26	21.18	21.5	0
15	QPSK	36	20	21.27	21.14	21.28		
15	QPSK	36	39	21.22	21.23	21.23		
15	QPSK	75	0	21.27	21.14	21.26	21.5	0
15	16QAM	1	0	21.23	21.20	21.19		
15	16QAM	1	37	21.24	21.22	21.15		
15	16QAM	1	74	21.25	21.23	21.18	21.5	0
15	16QAM	36	0	21.21	21.20	21.12		
15	16QAM	36	20	21.20	21.25	21.19		
15	16QAM	36	39	21.25	21.24	21.18	21.5	0
15	16QAM	75	0	21.24	21.21	21.23		
15	64QAM	1	0	20.96	20.95	20.88		
15	64QAM	1	37	20.99	20.99	20.98	21.5	0
15	64QAM	1	74	20.99	20.90	20.94		
15	64QAM	36	0	20.34	20.34	20.26		
15	64QAM	36	20	20.35	20.30	20.33	20.5	1
15	64QAM	36	39	20.36	20.30	20.31		
15	64QAM	75	0	20.35	20.32	20.36		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	21.22	21.27	21.19	21.5	0
10	QPSK	1	25	21.20	21.20	21.24		
10	QPSK	1	49	21.25	21.22	21.25		
10	QPSK	25	0	21.17	21.16	21.09	21.5	0
10	QPSK	25	12	21.26	21.24	21.10		
10	QPSK	25	25	21.25	21.23	21.18		
10	QPSK	50	0	21.27	21.24	21.12	21.5	0
10	16QAM	1	0	21.27	21.23	21.20		
10	16QAM	1	25	21.24	21.26	21.20		
10	16QAM	1	49	21.23	21.21	21.20	21.5	0
10	16QAM	25	0	21.24	21.24	21.21		
10	16QAM	25	12	21.22	21.24	21.24		
10	16QAM	25	25	21.13	21.12	21.12	21.5	0
10	16QAM	50	0	21.28	21.26	21.25		
10	64QAM	1	0	21.19	21.21	21.11		
10	64QAM	1	25	21.19	21.21	21.22	21.5	0
10	64QAM	1	49	21.19	21.19	21.19		
10	64QAM	25	0	20.32	20.29	20.24		
10	64QAM	25	12	20.33	20.32	20.32	20.5	1
10	64QAM	25	25	20.30	20.38	20.35		
10	64QAM	50	0	20.31	20.30	20.25		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	21.21	21.23	21.24	21.5	0
5	QPSK	1	12	21.27	21.24	21.22		
5	QPSK	1	24	21.24	21.26	21.20		
5	QPSK	12	0	21.27	21.23	21.12	21.5	0
5	QPSK	12	7	21.21	21.25	21.23		
5	QPSK	12	13	21.24	21.22	21.21		
5	QPSK	25	0	21.27	21.27	21.07	21.5	0
5	16QAM	1	0	21.15	21.15	21.06		
5	16QAM	1	12	21.23	21.24	21.14		
5	16QAM	1	24	21.18	21.17	21.11	21.5	0
5	16QAM	12	0	21.24	21.16	21.13		
5	16QAM	12	7	21.24	21.22	21.22		
5	16QAM	12	13	21.22	21.23	21.20	21.5	0
5	16QAM	25	0	21.22	21.21	21.18		
5	64QAM	1	0	20.99	20.94	20.91		
5	64QAM	1	12	20.99	20.98	21.03	21.5	0
5	64QAM	1	24	21.00	20.96	20.95		
5	64QAM	12	0	20.34	20.26	20.22		
5	64QAM	12	7	20.31	20.31	20.34	20.5	1
5	64QAM	12	13	20.33	20.34	20.27		
5	64QAM	25	0	20.33	20.33	20.20		

Band 41 Ant4_DSI1&5										
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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.64	16.61	16.84	16.75	16.62	17	0
20	QPSK	1	49	16.73	16.51	16.49	16.60	16.59		
20	QPSK	1	99	16.59	16.63	16.57	16.57	16.52		
20	QPSK	50	0	16.64	16.71	16.82	16.70	16.59	17	0
20	QPSK	50	24	16.56	16.71	16.78	16.70	16.71		
20	QPSK	50	50	16.66	16.77	16.81	16.67	16.50		
20	QPSK	100	0	16.54	16.75	16.76	16.70	16.62	17	0
20	16QAM	1	0	16.57	16.73	16.73	16.73	16.69		
20	16QAM	1	49	16.73	16.82	16.81	16.67	16.62		
20	16QAM	1	99	16.53	16.59	16.68	16.64	16.64	17	0
20	16QAM	50	0	16.65	16.61	16.80	16.81	16.70		
20	16QAM	50	24	16.77	16.69	16.66	16.81	16.76		
20	16QAM	50	50	16.66	16.58	16.66	16.69	16.66	17	0
20	16QAM	100	0	16.62	16.77	16.67	16.58	16.60		
20	64QAM	1	0	16.29	16.47	16.46	16.38	16.51		
20	64QAM	1	49	16.26	16.47	16.41	16.63	16.51	17	0
20	64QAM	1	99	16.29	16.36	16.38	16.62	16.37		
20	64QAM	50	0	16.68	16.58	16.68	16.57	16.60		
20	64QAM	50	24	16.75	16.74	16.63	16.58	16.71	17	0
20	64QAM	50	50	16.57	16.79	16.63	16.60	16.68		
20	64QAM	100	0	16.74	16.65	16.68	16.61	16.56		
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	16.39	16.48	16.71	16.48	16.49	17.00	0
15	QPSK	1	37	16.59	16.35	16.26	16.41	16.47		
15	QPSK	1	74	16.35	16.39	16.46	16.48	16.35		
15	QPSK	36	0	16.35	16.50	16.62	16.60	16.34	17	0
15	QPSK	36	20	16.37	16.40	16.47	16.58	16.48		
15	QPSK	36	39	16.55	16.53	16.50	16.44	16.32		
15	QPSK	75	0	16.29	16.47	16.62	16.40	16.52	17	0
15	16QAM	1	0	16.46	16.41	16.58	16.44	16.48		
15	16QAM	1	37	16.63	16.52	16.71	16.58	16.39		
15	16QAM	1	74	16.36	16.40	16.47	16.45	16.55	17	0
15	16QAM	36	0	16.56	16.45	16.62	16.70	16.60		
15	16QAM	36	20	16.51	16.42	16.58	16.56	16.51		
15	16QAM	36	39	16.53	16.49	16.37	16.41	16.42	17	0
15	16QAM	75	0	16.47	16.63	16.43	16.46	16.48		
15	64QAM	1	0	16.18	16.16	16.18	16.14	16.26		
15	64QAM	1	37	16.05	16.37	16.16	16.35	16.38	17	0
15	64QAM	1	74	16.04	16.09	16.27	16.46	16.12		
15	64QAM	36	0	16.44	16.44	16.50	16.41	16.37		
15	64QAM	36	20	16.52	16.63	16.48	16.31	16.53	17	0
15	64QAM	36	39	16.44	16.67	16.35	16.37	16.53		
15	64QAM	75	0	16.43	16.46	16.37	16.35	16.28		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.47	16.46	16.71	16.46	16.46	17.00	0
10	QPSK	1	25	16.44	16.28	16.26	16.47	16.35		
10	QPSK	1	49	16.50	16.31	16.31	16.36	16.22		
10	QPSK	25	0	16.37	16.60	16.62	16.44	16.40	17	0
10	QPSK	25	12	16.46	16.52	16.66	16.48	16.40		
10	QPSK	25	25	16.38	16.67	16.64	16.39	16.19		
10	QPSK	50	0	16.30	16.46	16.65	16.61	16.31	17	0
10	16QAM	1	0	16.34	16.53	16.55	16.49	16.51		
10	16QAM	1	25	16.45	16.54	16.68	16.45	16.52		
10	16QAM	1	49	16.33	16.51	16.60	16.40	16.34	17	0
10	16QAM	25	0	16.54	16.31	16.72	16.54	16.41		
10	16QAM	25	12	16.58	16.53	16.39	16.69	16.51		
10	16QAM	25	25	16.55	16.49	16.55	16.59	16.50	17	0
10	16QAM	50	0	16.43	16.56	16.41	16.42	16.40		
10	64QAM	1	0	16.12	16.25	16.33	16.08	16.33		
10	64QAM	1	25	16.13	16.24	16.24	16.49	16.24	17	0
10	64QAM	1	49	16.05	16.27	16.14	16.42	16.21		
10	64QAM	25	0	16.55	16.46	16.53	16.39	16.46		
10	64QAM	25	12	16.46	16.45	16.50	16.48	16.61	17	0
10	64QAM	25	25	16.41	16.68	16.51	16.35	16.45		
10	64QAM	50	0	16.45	16.47	16.42	16.46	16.30		
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	16.34	16.33	16.62	16.46	16.34	17.00	0
5	QPSK	1	12	16.65	16.20	16.27	16.49	16.36		
5	QPSK	1	24	16.40	16.46	16.45	16.46	16.27		
5	QPSK	12	0	16.43	16.45	16.61	16.60	16.43	17	0
5	QPSK	12	7	16.43	16.40	16.62	16.59	16.59		
5	QPSK	12	13	16.58	16.67	16.73	16.50	16.37		
5	QPSK	25	0	16.33	16.58	16.62	16.44	16.44	17	0
5	16QAM	1	0	16.35	16.61	16.45	16.49	16.56		
5	16QAM	1	12	16.49	16.50	16.60	16.58	16.51		
5	16QAM	1	24	16.28	16.49	16.40	16.39	16.50	17	0
5	16QAM	12	0	16.39	16.29	16.58	16.61	16.51		
5	16QAM	12	7	16.50	16.61	16.58	16.59	16.64		
5	16QAM	12	13	16.57	16.31	16.36	16.40	16.48	17	0
5	16QAM	25	0	16.48	16.46	16.41	16.28	16.45		
5	64QAM	1	0	16.11	16.34	16.26	16.29	16.42		
5	64QAM	1	12	16.02	16.28	16.24	16.46	16.20	17	0
5	64QAM	1	24	16.08	16.11	16.09	16.50	16.17		
5	64QAM	12	0	16.38	16.45	16.38	16.46	16.49		
5	64QAM	12	7	16.55	16.61	16.50	16.30	16.41	17	0
5	64QAM	12	13	16.42	16.66	16.48	16.51	16.51		
5	64QAM	25	0	16.46	16.52	16.40	16.36	16.44		

Band 41 Ant4_DSI3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	21.21	21.11	21.26	21.16	21.20	21.5	0
20	QPSK	1	49	21.11	21.19	21.24	21.22	21.08		
20	QPSK	1	99	21.13	21.15	21.23	21.23	21.06		
20	QPSK	50	0	21.13	21.12	21.23	21.13	21.15	21.5	0
20	QPSK	50	24	21.13	21.09	21.20	21.03	20.98		
20	QPSK	50	50	21.20	21.08	21.17	21.09	20.94		
20	QPSK	100	0	21.11	21.08	21.16	21.01	20.98	21.5	0
20	16QAM	1	0	21.13	21.03	21.22	21.03	21.04		
20	16QAM	1	49	21.21	21.04	21.17	21.02	20.94		
20	16QAM	1	99	21.20	21.02	21.17	21.09	20.88	21.5	0
20	16QAM	50	0	21.12	21.05	21.15	21.00	21.02		
20	16QAM	50	24	21.10	21.13	21.23	21.03	20.99		
20	16QAM	50	50	21.12	21.10	21.22	21.09	20.94	21.5	0
20	16QAM	100	0	21.12	21.12	21.22	21.01	20.97		
20	64QAM	1	0	21.10	20.89	21.05	20.93	20.95		
20	64QAM	1	49	21.12	20.93	21.07	20.92	20.83	21.5	0
20	64QAM	1	99	21.11	20.90	21.04	20.95	20.75		
20	64QAM	50	0	20.40	20.14	20.24	20.13	20.11		
20	64QAM	50	24	20.24	20.22	20.21	20.12	20.06	20.5	1
20	64QAM	50	50	20.20	20.20	20.22	20.17	20.03		
20	64QAM	100	0	20.21	20.29	20.21	20.17	20.15		
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	21.11	21.04	21.04	21.06	21.01	21.50	0
15	QPSK	1	37	21.20	21.05	21.01	21.04	20.93		
15	QPSK	1	74	21.25	21.09	21.01	21.12	21.00		
15	QPSK	36	0	21.12	21.00	20.94	21.03	20.99	21.5	0
15	QPSK	36	20	21.20	21.07	21.01	21.08	20.97		
15	QPSK	36	39	21.16	21.04	21.01	21.07	20.96		
15	QPSK	75	0	21.12	21.09	21.00	21.06	20.93	21.5	0
15	16QAM	1	0	21.11	21.05	21.00	21.01	20.98		
15	16QAM	1	37	21.24	21.00	20.97	21.01	20.87		
15	16QAM	1	74	21.25	21.11	21.11	21.14	20.96	21.5	0
15	16QAM	36	0	21.12	20.97	20.94	21.00	20.93		
15	16QAM	36	20	21.20	21.09	21.02	21.07	20.90		
15	16QAM	36	39	21.25	21.01	21.03	21.04	20.88	21.5	0
15	16QAM	75	0	21.12	21.08	21.07	21.09	20.95		
15	64QAM	1	0	21.18	20.89	20.87	20.92	20.88		
15	64QAM	1	37	21.13	20.90	20.89	20.92	20.81	21.5	0
15	64QAM	1	74	21.14	21.01	20.98	21.05	20.82		
15	64QAM	36	0	20.20	20.15	20.10	20.15	20.13		
15	64QAM	36	20	20.28	20.23	20.19	20.23	20.08	20.5	1
15	64QAM	36	39	20.24	20.22	20.20	20.22	20.07		
15	64QAM	75	0	20.29	20.26	20.21	20.23	20.12		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	21.23	21.11	21.04	21.13	21.05	21.50	0
10	QPSK	1	25	21.20	21.15	21.07	21.16	21.01		
10	QPSK	1	49	21.25	21.15	21.12	21.18	21.00		
10	QPSK	25	0	21.15	21.07	20.98	21.04	20.99	21.5	0
10	QPSK	25	12	21.12	21.17	21.11	21.05	21.01		
10	QPSK	25	25	21.12	21.10	21.09	21.14	20.98		
10	QPSK	50	0	21.24	21.14	21.10	21.09	21.02	21.5	0
10	16QAM	1	0	21.22	21.11	21.12	21.15	21.09		
10	16QAM	1	25	21.13	21.16	21.13	21.18	21.05		
10	16QAM	1	49	21.13	21.12	21.09	21.10	20.96	21.5	0
10	16QAM	25	0	21.24	21.05	21.00	21.03	21.02		
10	16QAM	25	12	21.15	21.18	21.12	21.10	21.02		
10	16QAM	25	25	21.13	21.12	21.11	21.13	20.99	21.5	0
10	16QAM	50	0	21.11	21.13	21.11	21.09	21.01		
10	64QAM	1	0	21.15	21.07	21.03	21.12	21.02		
10	64QAM	1	25	21.12	21.16	21.07	21.17	20.96	21.5	0
10	64QAM	1	49	21.14	21.11	21.15	21.14	20.96		
10	64QAM	25	0	20.27	20.15	20.10	20.15	20.13		
10	64QAM	25	12	20.22	20.29	20.25	20.21	20.15	20.5	1
10	64QAM	25	25	20.27	20.23	20.19	20.25	20.10		
10	64QAM	50	0	20.27	20.25	20.20	20.17	20.12		
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	21.22	21.12	21.06	21.12	21.02	21.50	0
5	QPSK	1	12	21.12	21.17	21.06	21.09	20.99		
5	QPSK	1	24	21.20	21.11	21.07	21.08	20.96		
5	QPSK	12	0	21.12	21.02	20.96	21.01	20.93	21.5	0
5	QPSK	12	7	21.22	21.17	21.09	21.13	21.03		
5	QPSK	12	13	21.11	21.09	21.07	21.11	20.96		
5	QPSK	25	0	21.12	21.10	21.01	20.97	20.94	21.5	0
5	16QAM	1	0	21.25	20.96	20.93	20.95	20.87		
5	16QAM	1	12	21.12	21.04	21.00	21.03	20.89		
5	16QAM	1	24	21.13	20.98	20.95	21.08	20.83	21.5	0
5	16QAM	12	0	21.17	21.00	20.94	20.98	20.89		
5	16QAM	12	7	21.13	21.12	21.09	21.14	21.00		
5	16QAM	12	13	21.24	21.00	21.05	21.07	20.91	21.5	0
5	16QAM	25	0	21.11	21.12	21.08	21.02	20.99		
5	64QAM	1	0	21.12	20.85	20.83	20.93	20.81		
5	64QAM	1	12	21.21	21.01	20.95	20.97	20.84	21.5	0
5	64QAM	1	24	21.20	20.93	20.88	20.99	20.77		
5	64QAM	12	0	20.27	20.14	20.06	20.14	20.04		
5	64QAM	12	7	20.29	20.21	20.27	20.21	20.15	20.5	1
5	64QAM	12	13	20.23	20.22	20.19	20.24	20.04		
5	64QAM	25	0	20.23	20.21	20.18	20.12	20.07		

GSM1900 Ant 5 DSI 1&5

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	28.47	28.32	28.42	29.50	19.47	19.32	19.42	20.50
GSM 1 Tx slot	28.37	28.42	28.25	29.50	19.37	19.42	19.25	20.50
GPRS 1 Tx slot	24.74	24.75	24.82	25.50	18.74	18.75	18.82	19.50
GPRS 2 Tx slots	22.90	23.16	22.93	24.50	18.64	18.90	18.67	20.24
GPRS 3 Tx slots	21.27	21.18	21.02	22.50	18.27	18.18	18.02	19.50
EDGE 1 Tx slot	24.90	25.04	24.95	25.50	15.90	16.04	15.95	16.50
EDGE 2 Tx slots	21.77	21.61	21.62	22.50	15.77	15.61	15.62	16.50
EDGE 3 Tx slots	19.82	20.31	20.26	21.50	15.56	16.05	16.00	17.24
EDGE 4 Tx slots	19.02	19.18	19.14	20.50	16.02	16.18	16.14	17.50

WCDMA II Ant 5 DSI 1&5

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
	9262	9400	9538		1312	1413	1513	
TX Channel	9662	9800	9938		1537	1638	1738	
Rx Channel	1852.4	1880	1907.6		1712.4	1732.6	1752.6	
Frequency (MHz)	18.67	18.67	18.72	19.50	18.77	18.74	18.74	19.50
3GPP Rel 99 AMR 12.2Kbps	18.77	18.78	18.76	19.50	18.85	18.95	18.88	19.50
3GPP Rel 99 RMC 12.2Kbps	17.55	17.82	17.68	18.50	18.14	18.20	18.19	18.50
3GPP Rel 6 HSDPA Subtest-1	17.54	17.72	17.62	18.50	18.15	18.13	17.98	18.50
3GPP Rel 6 HSDPA Subtest-2	16.95	17.13	17.31	18.00	17.59	17.55	17.57	18.00
3GPP Rel 6 HSDPA Subtest-3	17.07	17.32	17.07	18.00	17.69	17.75	17.56	18.00
3GPP Rel 6 HSDPA Subtest-4	17.63	17.69	17.74	18.50	18.22	18.16	18.08	18.50
3GPP Rel 8 DC-HSDPA Subtest-1	17.45	17.81	17.77	18.50	18.17	18.19	18.03	18.50
3GPP Rel 8 DC-HSDPA Subtest-2	17.07	17.21	17.24	18.00	17.65	17.74	17.65	18.00
3GPP Rel 8 DC-HSDPA Subtest-3	17.05	17.14	17.25	18.00	17.76	17.56	17.59	18.00
3GPP Rel 8 DC-HSDPA Subtest-4	17.63	17.80	17.50	18.50	17.84	17.82	17.93	18.50
3GPP Rel 6 HSUPA Subtest-1	15.96	15.92	15.95	16.50	16.15	16.15	16.08	16.50
3GPP Rel 6 HSUPA Subtest-2	16.80	16.64	16.65	17.50	16.97	17.09	16.94	17.50
3GPP Rel 6 HSUPA Subtest-3	15.90	15.90	15.95	16.50	15.70	15.72	15.83	16.50
3GPP Rel 6 HSUPA Subtest-4	17.25	17.01	17.00	18.50	17.74	17.85	17.67	18.50
3GPP Rel 6 HSUPA Subtest-5								

WCDMA IV Ant 5 DSI 5

Band	WCDMA IV			Tune-up Limit (dBm)
	1312	1413	1513	
TX Channel	1537	1638	1738	
Rx Channel	1712.4	1732.6	1752.6	
Frequency (MHz)	18.86	18.68	18.72	17.50
3GPP Rel 99 AMR 12.2Kbps	16.87	16.86	16.88	17.50
3GPP Rel 99 RMC 12.2Kbps	16.19	16.21	16.27	16.50
3GPP Rel 6 HSDPA Subtest-1	16.15	16.07	15.94	16.50
3GPP Rel 6 HSDPA Subtest-2	15.54	15.64	15.66	16.00
3GPP Rel 6 HSDPA Subtest-3	15.68	15.84	15.65	16.00
3GPP Rel 6 HSDPA Subtest-4	16.27	16.17	16.00	16.50
3GPP Rel 8 DC-HSDPA Subtest-1	16.11	16.08	16.03	16.50
3GPP Rel 8 DC-HSDPA Subtest-2	15.70	15.73	15.71	16.00
3GPP Rel 8 DC-HSDPA Subtest-3	15.78	15.67	15.69	16.00
3GPP Rel 8 DC-HSDPA Subtest-4	15.73	15.88	15.98	16.50
3GPP Rel 6 HSUPA Subtest-1	14.24	14.09	14.10	14.50
3GPP Rel 6 HSUPA Subtest-2	14.94	15.07	15.02	15.50
3GPP Rel 6 HSUPA Subtest-3	13.72	13.61	13.75	14.50
3GPP Rel 6 HSUPA Subtest-4	15.71	15.96	15.60	16.50
3GPP Rel 6 HSUPA Subtest-5				



Band 4 Ant5_DSI 1&5												
BW (MHz)	Modulation	RB Size	RB Offset	Power Max Ch / Freq	Power Min Ch / Freq	Power Min Ch / Freq	Tune-up init (dB)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	16.73	16.57	16.66	17	0				
20	QPSK	1	49	16.83	16.76	16.84						
20	QPSK	50	0	16.78	16.82	16.87						
20	QPSK	50	24	16.73	16.72	16.73						
20	QPSK	50	50	16.62	16.73	16.66	17	0				
20	QPSK	100	0	16.75	16.76	16.76						
20	QPSK	100	0	16.81	16.80	16.78						
20	16QAM	1	99	16.81	16.85	16.71						
20	16QAM	50	0	16.42	16.46	16.72	17	0				
20	16QAM	50	24	16.58	16.47	16.69						
20	16QAM	50	50	16.62	16.62	16.64						
20	16QAM	100	0	16.64	16.62	16.66						
20	64QAM	1	0	16.89	16.70	16.75	17	0				
20	64QAM	1	49	16.61	16.62	16.50						
20	64QAM	1	99	16.77	16.85	16.74						
20	64QAM	50	0	16.56	16.60	16.64						
20	64QAM	50	24	16.65	16.73	16.70	17	0				
20	64QAM	50	50	16.57	16.57	16.48						
20	64QAM	100	0	16.87	16.60	16.57						
Channel				20000	19715	20230			Tune-up init (dB)	MPR (dB)		
Frequency (MHz)												
15	QPSK	1	0	16.50	16.73	16.47	17	0				
15	QPSK	1	37	16.47	16.46	16.43						
15	QPSK	1	74	16.68	16.50	16.43						
15	QPSK	36	0	16.42	16.42	16.38						
15	QPSK	36	20	16.64	16.54	16.61	17	0				
15	QPSK	36	39	16.37	16.56	16.55						
15	QPSK	75	0	16.52	16.43	16.50						
15	QPSK	75	0	16.62	16.50	16.69						
15	16QAM	1	0	16.44	16.36	16.42	17	0				
15	16QAM	1	37	16.44	16.56	16.31						
15	16QAM	1	74	16.72	16.53	16.51						
15	16QAM	36	0	16.29	16.43	16.30						
15	16QAM	36	20	16.47	16.37	16.63	17	0				
15	16QAM	36	39	16.52	16.43	16.63						
15	16QAM	75	0	16.53	16.35	16.48						
15	16QAM	75	0	16.63	16.35	16.48						
15	64QAM	1	0	16.83	16.39	16.48	17	0				
15	64QAM	1	25	16.60	16.49	16.51						
15	64QAM	1	74	16.52	16.47	16.51						
15	64QAM	36	0	16.35	16.59	16.55						
15	64QAM	36	20	16.59	16.49	16.45	17	0				
15	64QAM	36	39	16.47	16.37	16.63						
15	64QAM	75	0	16.67	16.50	16.28						
Channel				20000	19715	20230			Tune-up init (dB)	MPR (dB)		
Frequency (MHz)												
10	QPSK	1	0	17.16	17.15	17.10	17	0				
10	QPSK	1	0	16.47	16.61	16.50						
10	QPSK	1	25	16.52	16.50	16.23						
10	QPSK	1	49	16.54	16.44	16.54						
10	QPSK	25	0	16.47	16.46	16.46	17	0				
10	QPSK	25	12	16.43	16.54	16.67						
10	QPSK	25	25	16.35	16.56	16.48						
10	QPSK	50	0	16.51	16.43	16.30						
10	16QAM	1	0	16.64	16.66	16.54	17	0				
10	16QAM	1	25	16.46	16.50	16.41						
10	16QAM	1	49	16.59	16.73	16.55						
10	16QAM	25	0	16.28	16.40	16.50						
10	16QAM	25	12	16.42	16.53	16.65	17	0				
10	16QAM	25	25	16.56	16.52	16.37						
10	16QAM	50	0	16.49	16.49	16.42						
10	16QAM	1	0	16.68	16.60	16.45						
10	16QAM	1	25	16.49	16.67	16.45	17	0				
10	16QAM	1	49	16.45	16.46	16.66						
10	16QAM	25	0	16.45	16.50	16.70						
10	16QAM	25	12	16.53	16.58	16.55						
10	16QAM	25	25	16.39	16.29	16.31	17	0				
10	16QAM	50	0	16.76	16.74	16.30						
Channel				20000	19715	20230			Tune-up init (dB)	MPR (dB)		
Frequency (MHz)												
5	QPSK	1	0	16.42	16.74	16.43	17	0				
5	QPSK	1	12	16.53	16.83	16.31						
5	QPSK	1	24	16.56	16.38	16.48						
5	QPSK	12	0	16.47	16.48	16.49						
5	QPSK	12	13	16.36	16.51	16.40	17	0				
5	QPSK	25	0	16.50	16.53	16.48						
5	QPSK	25	0	16.56	16.52	16.50						
5	16QAM	1	0	16.66	16.72	16.48						
5	16QAM	1	12	16.52	16.45	16.44	17	0				
5	16QAM	1	24	16.51	16.49	16.58						
5	16QAM	12	0	16.21	16.47	16.41						
5	16QAM	12	7	16.26	16.51	16.71						
5	16QAM	25	0	16.52	16.49	16.35	17	0				
5	16QAM	25	0	16.58	16.59	16.49						
5	64QAM	1	0	16.82	16.44	16.44						
5	64QAM	1	24	16.61	16.49	16.44						
5	64QAM	12	0	16.42	16.65	16.61	17	0				
5	64QAM	12	0	16.56	16.62	16.58						
5	64QAM	12	13	16.37	16.37	16.39						
5	64QAM	25	0	16.64	16.67	16.30						
Channel				19965	19715	20065	Tune-up init (dB)	MPR (dB)				
Frequency (MHz)												
3	QPSK	1	0	17.15	17.25	17.33	17	0				
3	QPSK	1	6	16.63	16.63	16.63						
3	QPSK	1	8	16.48	16.48	16.25						
3	QPSK	1	14	16.48	16.34	16.45						
3	QPSK	8	0	16.37	16.40	16.61	17	0				
3	QPSK	8	4	16.47	16.47	16.60						
3	QPSK	8	7	16.34	16.63	16.52						
3	QPSK	15	0	16.42	16.42	16.47						
3	16QAM	1	0	16.69	16.57	16.48	17	0				
3	16QAM	1	8	16.55	16.55	16.48						
3	16QAM	8	0	16.34	16.67	16.49						
3	16QAM	8	4	16.42	16.28	16.74						
3	16QAM	15	0	16.30	16.40	16.43	17	0				
3	64QAM	1	0	16.60	16.38	16.50						
3	64QAM	1	8	16.35	16.59	16.51						
3	64QAM	1	14	16.66	16.34	16.54						
3	64QAM	8	0	16.33	16.61	16.68	17	0				
3	64QAM	8	4	16.67	16.57	16.42						
3	64QAM	8	7	16.25	16.27	16.16						
3	64QAM	15	0	16.77	16.72	16.39						
Channel				17070	17025	17543	Tune-up init (dB)	MPR (dB)				
Frequency (MHz)												
1.4	QPSK	1	0	16.53	16.74	16.49	17	0				
1.4	QPSK	1	3	16.37	16.67	16.39						
1.4	QPSK	3	0	16.57	16.49	16.53						
1.4	QPSK	3	1	16.57	16.52	16.56						
1.4	QPSK	3	1	16.36	16.55	16.57	17	0				
1.4	QPSK	6	0	16.52	16.47	16.43						
1.4	QPSK	6	0	16.51	16.51	16.59						
1.4	QPSK	15	0	16.41	16.34	16.45						
1.4	QPSK	15	0	16.60	16.58	16.52	17	0				
1.4	QPSK	15	0	16.60	16.60	16.67						
1.4	QPSK	3	1	16.31	16.43	16.41						
1.4	QPSK	3	1	16.54	16.47	16.38						
1.4	16QAM	1	0	16.43	16.43	16.43	17	0				
1.4	16QAM	1	0	16.51	16.38	16.58						
1.4	16QAM	1	3	16.51	16.58	16.51						
1.4	16QAM	3	0	16.73	16.73	16.44						
1.4	16QAM	3	0	16.48	16.51	16.51	17	0				
1.4	16QAM	3	1	16.69	16.63	16.57						
1.4	16QAM	6	0	16.28	16.28	16.28						
1.4	16QAM	6	0	16.67	16.69	16.38						

Band 38 Ant5_DSI 3									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	20.17	20.34	20.08	20.5	0	
20	QPSK	1	49	20.09	20.32	20.05			
20	QPSK	1	99	20.06	20.29	19.99			
20	QPSK	50	0	20.16	20.33	20.22	20.5	0	
20	QPSK	50	24	20.24	20.19	20.17			
20	QPSK	50	50	20.31	20.22	20.12			
20	QPSK	100	0	20.17	20.20	20.18	20.5	0	
20	16QAM	1	0	20.27	20.26	20.11			
20	16QAM	1	49	20.22	20.07	20.16			
20	16QAM	1	99	20.09	19.99	20.16	20.5	0	
20	16QAM	50	0	20.26	20.11	20.29			
20	16QAM	50	24	20.20	20.24	20.20			
20	16QAM	50	50	20.24	20.22	20.17	20.5	0	
20	16QAM	100	0	20.26	20.25	20.27			
20	64QAM	1	0	20.15	20.02	20.26			
20	64QAM	1	49	20.22	20.15	20.28	20.5	0	
20	64QAM	1	99	20.19	20.10	20.13			
20	64QAM	50	0	20.28	20.31	20.29			
20	64QAM	50	24	20.21	20.16	20.24	20.5	0	
20	64QAM	50	50	20.28	20.19	20.30			
20	64QAM	100	0	20.14	20.17	20.15			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	20.23	20.30	20.24	20.5	0	
15	QPSK	1	37	20.26	20.30	20.23			
15	QPSK	1	74	20.21	20.21	20.25			
15	QPSK	36	0	20.30	20.31	20.31	20.5	0	
15	QPSK	36	20	20.28	20.19	20.29			
15	QPSK	36	39	20.29	20.21	20.21			
15	QPSK	75	0	20.29	20.18	20.26	20.5	0	
15	16QAM	1	0	20.24	20.26	20.22			
15	16QAM	1	37	20.18	20.13	20.19			
15	16QAM	1	74	20.11	20.31	20.13	20.5	0	
15	16QAM	36	0	20.17	20.18	20.27			
15	16QAM	36	20	20.17	20.23	20.19			
15	16QAM	36	39	20.15	20.28	20.15	20.5	0	
15	16QAM	75	0	20.31	20.27	20.31			
15	64QAM	1	0	20.20	20.27	20.21			
15	64QAM	1	37	20.23	20.27	20.20	20.5	0	
15	64QAM	1	74	20.18	20.18	20.22			
15	64QAM	36	0	20.27	20.28	20.28			
15	64QAM	36	20	20.25	20.16	20.11	20.5	0	
15	64QAM	36	39	20.26	20.18	20.03			
15	64QAM	75	0	20.26	20.15	20.08			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	20.17	20.20	20.09	20.5	0	
10	QPSK	1	25	20.18	20.21	20.18			
10	QPSK	1	49	20.31	20.23	20.14			
10	QPSK	25	0	20.22	20.16	20.16	20.5	0	
10	QPSK	25	12	20.19	20.17	20.28			
10	QPSK	25	25	20.10	20.13	20.27			
10	QPSK	50	0	20.16	20.21	20.27	20.5	0	
10	16QAM	1	0	20.16	20.21	20.19			
10	16QAM	1	25	20.23	20.24	20.30			
10	16QAM	1	49	20.33	20.26	20.21	20.5	0	
10	16QAM	25	0	20.21	20.29	20.22			
10	16QAM	25	12	20.17	20.32	20.20			
10	16QAM	25	25	20.12	20.23	20.09	20.5	0	
10	16QAM	50	0	20.19	20.28	20.20			
10	64QAM	1	0	20.14	20.17	20.06			
10	64QAM	1	25	20.15	20.18	20.15	20.5	0	
10	64QAM	1	49	20.28	20.20	20.11			
10	64QAM	25	0	20.19	20.28	20.13			
10	64QAM	25	12	20.31	20.29	20.25	20.5	0	
10	64QAM	25	25	20.22	20.25	20.24			
10	64QAM	50	0	20.28	20.33	20.24			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	20.33	20.18	20.23	20.5	0	
5	QPSK	1	12	20.09	20.20	20.15			
5	QPSK	1	24	20.26	20.08	20.25			
5	QPSK	12	0	20.31	20.23	20.19	20.5	0	
5	QPSK	12	7	20.31	20.21	20.21			
5	QPSK	12	13	20.24	20.25	20.14			
5	QPSK	25	0	20.19	20.28	20.24	20.5	0	
5	16QAM	1	0	20.27	20.20	19.97			
5	16QAM	1	12	20.26	20.22	20.30			
5	16QAM	1	24	20.08	20.13	19.96	20.5	0	
5	16QAM	12	0	20.22	20.17	20.12			
5	16QAM	12	7	20.20	20.24	20.13			
5	16QAM	12	13	20.33	20.10	20.07	20.5	0	
5	16QAM	25	0	20.31	20.25	20.21			
5	64QAM	1	0	20.30	20.15	20.20			
5	64QAM	1	12	20.21	20.32	20.27	20.5	0	
5	64QAM	1	24	20.23	20.05	20.22			
5	64QAM	12	0	20.28	20.20	20.16			
5	64QAM	12	7	20.28	20.18	20.18	20.5	0	
5	64QAM	12	13	20.21	20.22	20.26			
5	64QAM	25	0	20.31	20.10	20.21			

Band 38 Ant5_DSI 1&5									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	15.81	15.94	15.78	16	0	
20	QPSK	1	49	15.73	15.77	15.67			
20	QPSK	1	99	15.81	15.81	15.70			
20	QPSK	50	0	15.77	15.80	15.70	16	0	
20	QPSK	50	24	15.63	15.63	15.53			
20	QPSK	50	50	15.70	15.60	15.54			
20	QPSK	100	0	15.68	15.69	15.68	16	0	
20	16QAM	1	0	15.87	15.89	15.78			
20	16QAM	1	49	15.72	15.70	15.75			
20	16QAM	1	99	15.75	15.67	15.59	16	0	
20	16QAM	50	0	15.69	15.89	15.87			
20	16QAM	50	24	15.74	15.79	15.91			
20	16QAM	50	50	15.83	15.81	15.71	16	0	
20	16QAM	100	0	15.85	15.88	15.64			
20	64QAM	1	0	15.77	15.66	15.58			
20	64QAM	1	49	15.78	15.86	15.88	16	0	
20	64QAM	1	99	15.74	15.76	15.80			
20	64QAM	50	0	15.93	15.63	15.58			
20	64QAM	50	24	15.88	15.69	15.57	16	0	
20	64QAM	50	50	15.81	15.71	15.74			
20	64QAM	100	0	15.81	15.86	15.67			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	15.64	15.81	15.56	16	0	
15	QPSK	1	37	15.64	15.52	15.42			
15	QPSK	1	74	15.56	15.50	15.60			
15	QPSK	36	0	15.66	15.57	15.55	16	0	
15	QPSK	36	20	15.52	15.34	15.37			
15	QPSK	36	39	15.40	15.29	15.27			



Band 41 Ant5_DSI 3										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490	20.5	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.24	20.26	20.28	20.27	20.25	20.5	0
20	QPSK	1	49	20.13	20.15	20.19	20.16	20.16		
20	QPSK	1	99	20.24	20.19	20.14	20.23	20.24		
20	QPSK	50	0	20.15	20.19	20.23	20.21	20.20		
20	QPSK	50	24	20.14	20.20	20.06	19.84	19.84	20.5	0
20	QPSK	50	50	20.12	20.16	20.01	19.90	19.80		
20	QPSK	100	0	20.06	20.08	20.13	20.00	20.00		
20	16QAM	1	0	20.17	20.17	20.13	19.90	19.96		
20	16QAM	1	49	20.19	20.04	19.85	19.89	19.97	20.5	0
20	16QAM	1	99	20.23	20.07	19.92	19.82	19.94		
20	16QAM	50	0	20.15	20.27	19.96	19.89	19.83		
20	16QAM	50	24	20.14	20.19	20.04	19.86	19.87		
20	16QAM	50	50	20.14	20.04	20.00	19.92	19.81	20.5	0
20	16QAM	100	0	20.20	20.19	20.11	20.03	20.06		
20	64QAM	1	0	20.12	20.04	20.11	19.85	19.90		
20	64QAM	1	49	20.26	20.11	20.03	19.91	19.96		
20	64QAM	1	99	20.22	20.02	20.01	19.94	19.96	20.5	0
20	64QAM	50	0	20.26	20.11	20.03	20.07	19.97		
20	64QAM	50	24	20.25	20.21	20.17	19.95	19.95		
20	64QAM	50	50	20.23	20.27	20.12	20.01	19.91		
20	64QAM	100	0	20.12	20.02	19.89	19.86	19.86	Channel	
Frequency (MHz)				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
				2503.5	2548.3	2593	2637.8	2682.5	20.50	0
15	QPSK	1	0	20.22	20.13	20.08	19.97	20.02		
15	QPSK	1	37	20.23	20.17	20.08	19.93	20.01	20.50	0
15	QPSK	1	74	20.19	20.18	20.06	20.03	20.00		
15	QPSK	36	0	20.21	20.27	20.01	20.04	19.89		
15	QPSK	36	20	20.21	20.14	20.10	19.97	20.03		
15	QPSK	36	39	20.20	20.14	20.09	19.97	20.01	20.5	0
15	QPSK	75	0	20.20	20.20	20.00	19.90	20.02		
15	16QAM	1	0	20.13	20.16	20.07	19.98	20.08		
15	16QAM	1	37	20.25	20.13	20.07	20.07	20.06		
15	16QAM	1	74	20.15	20.08	20.08	20.01	20.06	20.5	0
15	16QAM	36	0	20.04	20.08	19.94	19.92	19.85		
15	16QAM	36	20	20.03	19.97	20.02	20.03	20.00		
15	16QAM	36	39	20.02	19.97	20.02	19.91	20.00		
15	16QAM	75	0	20.14	20.12	20.10	20.10	20.07	20.5	0
15	64QAM	1	0	20.09	20.00	20.10	19.99	20.04		
15	64QAM	1	37	20.20	20.04	20.10	19.95	20.03		
15	64QAM	1	74	20.06	20.05	20.08	20.05	20.02		
15	64QAM	36	0	20.23	20.19	20.18	20.04	20.06	20.5	0
15	64QAM	36	20	20.23	20.16	20.27	20.14	20.20		
15	64QAM	36	39	20.22	20.16	20.26	20.14	20.18		
15	64QAM	75	0	20.22	20.22	20.17	20.07	20.19		
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501	2547	2593	2639	2685	20.50	0
10	QPSK	1	0	20.19	20.15	20.01	19.93	19.85		
10	QPSK	1	25	20.17	20.24	20.06	19.88	19.85	20.50	0
10	QPSK	1	49	20.21	20.12	19.97	19.86	19.86		
10	QPSK	25	0	20.17	20.13	19.98	19.90	20.03		
10	QPSK	25	12	20.10	20.06	20.07	19.98	19.91		
10	QPSK	25	25	20.11	20.07	20.04	19.92	20.01	20.5	0
10	QPSK	50	0	20.20	20.07	20.03	19.88	19.87		
10	16QAM	1	0	20.11	19.99	20.05	19.92	19.88		
10	16QAM	1	25	20.09	20.07	20.13	19.96	19.94		
10	16QAM	1	49	20.09	20.08	19.99	20.01	20.03	20.5	0
10	16QAM	25	0	20.17	19.95	20.09	19.91	20.00		
10	16QAM	25	12	20.08	20.09	20.01	20.02	20.01		
10	16QAM	25	25	20.08	19.99	20.10	19.97	19.98		
10	16QAM	50	0	20.11	20.05	20.09	19.95	20.04	20.5	0
10	64QAM	1	0	20.05	20.01	19.97	19.89	19.81		
10	64QAM	1	25	20.03	20.10	20.02	19.84	19.81		
10	64QAM	1	49	20.07	19.98	19.93	19.82	19.82		
10	64QAM	25	0	20.20	20.16	19.91	19.83	19.96	20.5	0
10	64QAM	25	12	20.13	20.09	20.00	19.91	19.84		
10	64QAM	25	25	20.14	20.10	19.97	19.85	19.94		
10	64QAM	50	0	20.23	20.10	19.96	19.81	19.80		
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	20.50	0
5	QPSK	1	0	20.21	20.14	20.04	20.01	20.03		
5	QPSK	1	12	20.16	20.24	20.01	20.00	20.06	20.50	0
5	QPSK	1	24	20.14	20.14	20.09	19.97	19.96		
5	QPSK	12	0	20.18	20.06	20.06	19.89	20.00		
5	QPSK	12	7	20.22	20.20	20.15	20.01	20.04	20.5	0
5	QPSK	12	13	20.26	20.14	20.05	20.03	20.02		
5	QPSK	25	0	20.25	20.22	20.02	19.91	20.01		
5	16QAM	1	0	20.03	20.16	19.91	19.97	19.93		
5	16QAM	1	12	20.14	19.97	20.21	20.05	19.93	20.5	0
5	16QAM	1	24	20.15	20.26	19.85	19.91	19.87		
5	16QAM	12	0	20.16	20.13	20.09	19.99	19.85		
5	16QAM	12	7	20.16	20.13	19.96	19.90	20.00		
5	16QAM	12	13	20.24	20.06	20.08	19.86	20.01	20.5	0
5	16QAM	25	0	20.17	20.14	20.02	20.01	20.00		
5	64QAM	1	0	20.14	20.07	19.99	19.96	19.98		
5	64QAM	1	12	20.09	20.17	19.96	19.95	20.01		
5	64QAM	1	24	20.27	20.07	20.04	19.92	19.91	20.5	0
5	64QAM	12	0	20.04	19.92	19.90	19.73	19.84		
5	64QAM	12	7	20.08	20.06	19.99	19.85	19.88		
5	64QAM	12	13	20.12	20.00	19.89	19.87	19.86		
5	64QAM	25	0	20.11	20.08	19.86	19.75	19.85	Channel	

Band 41 Ant5_DSI 1&5										
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	16	0
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	15.67	15.78	15.86	15.73	15.71	16	0
20	QPSK	1	49	15.80	15.78	15.81	15.65	15.77		
20	QPSK	1	99	15.71	15.60	15.64	15.70	15.55		
20	QPSK	50	0	15.66	15.76	15.79	15.75	15.71		
20	QPSK	50	24	15.72	15.64	15.68	15.59	15.60	16	0
20	QPSK	50	50	15.72	15.76	15.68	15.48	15.48		
20	QPSK	100	0	15.57	15.68	15.69	15.51	15.55		
20	16QAM	1	0	15.62	15.77	15.71	15.53	15.56		
20	16QAM	1	49	15.72	15.65	15.55	15.42	15.42	16	0
20	16QAM	1	99	15.69	15.60	15.49	15.58	15.50		
20	16QAM	50	0	15.77	15.56	15.55	15.30	15.54		
20	16QAM	50	24	15.73	15.69	15.72	15.37	15.55		
20	16QAM	50	50	15.64	15.57	15.69	15.44	15.65	16	0
20	16QAM	100	0	15.62	15.76	15.66	15.62	15.52		
20	64QAM	1	0	15.59	15.61	15.42	15.48	15.59		
20	64QAM	1	49	15.58	15.82	15.46	15.42	15.56		
20	64QAM	1	99	15.65	15.69	15.43	15.58	15.39	16	0
20	64QAM	50	0	15.65	15.83	15.40	15.60	15.52		
20	64QAM	50	24	15.74	15.77	15.62	15.47	15.55		
20	64QAM	50	50	15.72	15.71	15.65	15.45	15.59	16	0
20	64QAM	100	0	15.77	15.87	15.81	15.47	15.59		
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	16.00	0
15	QPSK	1	0	15.56	15.67	15.63	15.61	15.58	16	0
15	QPSK	1	37	15.62	15.50	15.54	15.36	15.69		
15	QPSK	1	74	15.49	15.32	15.48	15.38	15.34		
15	QPSK	36	0	15.34	15.53	15.50	15.67	15.47		
15	QPSK	36	20	15.49	15.38	15.50	15.46	15.39	16	0
15	QPSK	36	39	15.53	15.51	15.59	15.39	15.29		
15	QPSK	75	0	15.54	15.43	15.32	15.36	15.35		
15	16QAM	1	0	15.36	15.65	15.62	15.26	15.45		
15	16QAM	1	37	15.50	15.38	15.43	15.32	15.18	16	0
15	16QAM	1	74	15.57	15.37	15.37	15.30	15.28		
15	16QAM	36	0	15.51	15.44	15.25	15.16	15.25		
15	16QAM	36	20	15.52	15.51	15.41	15.28	15.37		
15	16QAM	36	39	15.38	15.33	15.37	15.28	15.49	16	0
15	16QAM	75	0	15.54	15.58	15.38	15.40	15.34		
15	64QAM	1	0	15.37	15.33	15.30	15.28	15.50		
15	64QAM	1	37	15.45	15.57	15.29	15.33	15.34		
15	64QAM	1	74	15.39	15.59	15.20	15.49	15.23	16	0
15	64QAM	36	0	15.34	15.61	15.26	15.33	15.31		
15	64QAM	36	20	15.62	15.62	15.34	15.20	15.45		
15	64QAM	36	39	15.46	15.43	15.52	15.16	15.30		
15	64QAM	75	0	15.50	15.60	15.73	15.26	15.34	16	0
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				2501	2547	2593	2639	2685	16.00	0
10	QPSK	1	0	15.53	15.60	15.56	15.56	15.56	16	0
10	QPSK	1	25	15.68	15.56	15.70	15.34	15.66		
10	QPSK	1	49	15.57	15.28	15.51	15.52	15.39		
10	QPSK	25	0	15.39	15.48	15.64	15.44	15.60		
10	QPSK	25	12	15.55	15.52	15.51	15.31	15.50	16	0
10	QPSK	25	25	15.56	15.61	15.48	15.19	15.36		
10	QPSK	50	0	15.68	15.36	15.32	15.38	15.32		
10	16QAM	1	0	15.49	15.49	15.53	15.23	15.35		
10	16QAM	1	25	15.57	15.39	15.23	15.26	15.23	16	0
10	16QAM	1	49	15.56	15.50	15.22	15.43	15.41		
10	16QAM	25	0	15.51	15.42	15.45	15.63	15.32		
10	16QAM	25	12	15.52	15.47	15.45	15.25	15.39		
10	16QAM	25	25	15.54	15.33	15.52	15.17	15.49	16	0
10	16QAM	50	0	15.35	15.57	15.44	15.54	15.28		
10	64QAM	1	0	15.34	15.47	15.24	15.24	15.36		
10	64QAM	1	25	15.48	15.59	15.30	15.16	15.32		
10	64QAM	1	49	15.43	15.59	15.28	15.39	15.28	16	0
10	64QAM	25	0	15.35	15.54	15.29	15.33	15.20		
10	64QAM	25	12	15.66	15.54	15.30	15.18	15.37		
10	64QAM	25	25	15.49	15.54	15.56	15.28	15.46		
10	64QAM	50	0	15.53	15.55	15.52	15.27	15.38	16	0
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	16.00	0
5	QPSK	1	0	15.36	15.67	15.79	15.56	15.48	16	0
5	QPSK	1	12	15.49	15.58	15.52	15.43	15.50		
5	QPSK	1	24	15.50	15.30	15.47	15.57	15.42		
5	QPSK	12	0	15.39	15.68	15.50	15.44	15.52		
5	QPSK	12	7	15.59	15.50	15.59	15.42	15.42	16	0
5	QPSK	12	13	15.63	15.55	15.52	15.27	15.30		
5	QPSK	25	0	15.51	15.50	15.42	15.36	15.43		
5	16QAM	1	0	15.43	15.45	15.40	15.31	15.44		
5	16QAM	1	12	15.56	15.51	15.32	15.27	15.25	16	0
5	16QAM	1	24	15.42	15.49	15.25	15.42	15.28		
5	16QAM	12	0	15.50	15.25	15.36	15.17	15.45		
5	16QAM	12	7	15.44	15.56	15.47	15.22	15.41		
5	16QAM	12	13	15.33	15.44	15.42	15.15	15.42	16	0
5	16QAM	25	0	15.40	15.62	15.51	15.44	15.22		
5	64QAM	1	0	15.28	15.37	15.13	15.34	15.47		
5	64QAM	1	12	15.41	15.57	15.37	15.12	15.45		
5	64QAM	1	24	15.44	15.49	15.25	15.47	15.23	16	0
5	64QAM	12	0	15.36	15.59	15.31	15.46	15.23		
5	64QAM	12	7	15.43	15.53	15.36	15.22	15.47		
5	64QAM	12	13	15.44	15.41	15.51	15.20	15.36		
5	64QAM	25	0	15.55	15.71	15.61	15.28	15.36	16	0
Channel				39650	40118	40620	41068	41515		
Frequency (MHz)				2496	2542.5	2593	2637.8	2682.5	16.00	0

Band 42_Ant6_DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	18.47	18.94	18.94	20	0	
20	QPSK	1	49	18.53	18.72	18.74			
20	QPSK	1	99	18.59	18.62	18.75			
20	QPSK	50	0	18.53	18.93	18.77	20	0	
20	QPSK	50	24	18.56	18.71	18.88			
20	QPSK	50	50	18.44	18.63	18.90			
20	QPSK	100	0	18.54	18.84	18.76	20	0	
20	16QAM	1	0	18.50	18.71	18.91			
20	16QAM	1	49	18.47	18.82	18.85			
20	16QAM	1	99	18.43	18.89	18.71	20	0	
20	16QAM	50	0	18.50	18.87	18.70			
20	16QAM	50	24	18.53	18.79	18.71			
20	16QAM	50	50	18.46	18.68	18.87	20	0	
20	16QAM	100	0	18.59	18.80	18.69			
20	64QAM	1	0	18.38	18.87	18.80			
20	64QAM	1	49	18.51	18.80	18.70	20	0	
20	64QAM	1	99	18.53	18.72	18.87			
20	64QAM	50	0	18.52	18.85	18.68			
20	64QAM	50	24	18.46	18.72	18.88	20	0	
20	64QAM	50	50	18.45	18.68	18.85			
20	64QAM	100	0	18.49	18.75	18.88			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	18.27	18.75	18.50	20	0	
15	QPSK	1	37	18.26	18.40	18.53			
15	QPSK	1	74	18.34	18.32	18.52			
15	QPSK	36	0	18.36	18.63	18.57	20	0	
15	QPSK	36	20	18.41	18.62	18.77			
15	QPSK	36	39	18.29	18.54	18.78			
15	QPSK	75	0	18.42	18.67	18.61	20	0	
15	16QAM	1	0	18.33	18.62	18.67			
15	16QAM	1	37	18.29	18.68	18.63			
15	16QAM	1	74	18.24	18.63	18.51	20	0	
15	16QAM	36	0	18.27	18.70	18.52			
15	16QAM	36	20	18.43	18.57	18.49			
15	16QAM	36	39	18.36	18.38	18.62	20	0	
15	16QAM	75	0	18.45	18.57	18.38			
15	64QAM	1	0	18.47	18.73	18.48			
15	64QAM	1	37	18.37	18.62	18.52	20	0	
15	64QAM	1	74	18.43	18.51	18.59			
15	64QAM	36	0	18.34	18.64	18.48			
15	64QAM	36	20	18.33	18.48	18.71	20	0	
15	64QAM	36	39	18.29	18.48	18.58			
15	64QAM	75	0	18.38	18.66	18.73			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	18.22	18.62	18.56	20	0	
10	QPSK	1	25	18.44	18.47	18.58			
10	QPSK	1	49	18.45	18.36	18.43			
10	QPSK	25	0	18.35	18.68	18.47	20	0	
10	QPSK	25	12	18.39	18.49	18.58			
10	QPSK	25	25	18.33	18.48	18.77			
10	QPSK	50	0	18.45	18.56	18.44	20	0	
10	16QAM	1	0	18.22	18.51	18.56			
10	16QAM	1	25	18.29	18.59	18.55			
10	16QAM	1	49	18.31	18.69	18.51	20	0	
10	16QAM	25	0	18.40	18.74	18.39			
10	16QAM	25	12	18.26	18.60	18.43			
10	16QAM	25	25	18.36	18.45	18.63	20	0	
10	16QAM	50	0	18.48	18.48	18.43			
10	64QAM	1	0	18.30	18.64	18.48			
10	64QAM	1	25	18.22	18.62	18.56	20	0	
10	64QAM	1	49	18.24	18.59	18.70			
10	64QAM	25	0	18.44	18.58	18.38			
10	64QAM	25	12	18.34	18.56	18.62	20	0	
10	64QAM	25	25	18.27	18.59	18.65			
10	64QAM	50	0	18.30	18.66	18.57			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	18.33	18.79	18.49	20	0	
5	QPSK	1	12	18.29	18.52	18.52			
5	QPSK	1	24	18.34	18.47	18.44			
5	QPSK	12	0	18.27	18.66	18.49	20	0	
5	QPSK	12	7	18.42	18.49	18.70			
5	QPSK	12	13	18.31	18.51	18.71			
5	QPSK	25	0	18.40	18.71	18.58	20	0	
5	16QAM	1	0	18.27	18.49	18.74			
5	16QAM	1	12	18.33	18.65	18.62			
5	16QAM	1	24	18.28	18.74	18.54	20	0	
5	16QAM	12	0	18.41	18.64	18.45			
5	16QAM	12	7	18.24	18.67	18.63			
5	16QAM	12	13	18.23	18.51	18.55	20	0	
5	16QAM	25	0	18.31	18.61	18.37			
5	64QAM	1	0	18.29	18.77	18.50			
5	64QAM	1	12	18.38	18.61	18.60	20	0	
5	64QAM	1	24	18.40	18.63	18.71			
5	64QAM	12	0	18.31	18.68	18.47			
5	64QAM	12	7	18.26	18.61	18.75	20	0	
5	64QAM	12	13	18.35	18.60	18.73			
5	64QAM	25	0	18.34	18.61	18.57			

Band 42_Ant6_DSI 3&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.58	17.96	17.75	19	0	
20	QPSK	1	49	17.49	17.69	17.70			
20	QPSK	1	99	17.60	17.63	17.85			
20	QPSK	50	0	17.58	17.93	17.67	19	0	
20	QPSK	50	24	17.53	17.76	17.90			
20	QPSK	50	50	17.47	17.55	17.84			
20	QPSK	100	0	17.52	17.92	17.82	19	0	
20	16QAM	1	0	17.44	17.73	17.55			
20	16QAM	1	49	17.28	17.61	17.56			
20	16QAM	1	99	17.31	17.40	17.55	19	0	
20	16QAM	50	0	17.48	17.88	17.74			
20	16QAM	50	24	17.45	17.70	17.81			
20	16QAM	50	50	17.49	17.65	17.95	19	0	
20	16QAM	100	0	17.58	17.73	17.74			
20	64QAM	1	0	17.36	17.71	17.64			
20	64QAM	1	49	17.29	17.56	17.40	19	0	
20	64QAM	1	99	17.47	17.52	17.65			
20	64QAM	50	0	17.59	17.94	17.77			
20	64QAM	50	24	17.45	17.73	17.90	19	0	
20	64QAM	50	50	17.44	17.66	17.83			
20	64QAM	100	0	17.47	17.64	17.78			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.29	17.67	17.61	19	0	
15	QPSK	1	37	17.24	17.51	17.39			
15	QPSK	1	74	17.49	17.53	17.54			
15	QPSK	36	0	17.42	17.79	17.63	19	0	
15	QPSK	36	20	17.34	17.49	17.59			
15	QPSK	36	39	17.42	17.38	17.73			
15	QPSK	75	0	17.33	17.81	17.70	19	0	
15	16QAM	1	0	17.17	17.64	17.37			
15	16QAM	1	37	17.19	17.29	17.39			
15	16QAM	1	74	17.22	17.23	17.30	19	0	
15	16QAM	36	0	17.29	17.67	17.65			
15	16QAM	36	20	17.16	17.46	17.61			
15	16QAM	36	39	17.41	17.38	17.53	19	0	
15	16QAM	75	0	17.40	17.62	17.57			
15	64QAM	1	0	17.05	17.47	17.43			
15	64QAM	1	37	17.21	17.44	17.21	19	0	
15	64QAM	1	74	17.31	17.30	17.45			
15	64QAM	36	0	17.40	17.70	17.55			
15	64QAM	36	20	17.21	17.45	17.50	19	0	
15	64QAM	36	39	17.46	17.32	17.55			
15	64QAM	75	0	17.25	17.62	17.62			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.46	17.81	17.62	19	0	
10	QPSK	1	25	17.36	17.44	17.54			
10	QPSK	1	49	17.40	17.46	17.59			
10	QPSK	25	0	17.35	17.78	17.46	19	0	
10	QPSK	25	12	17.33	17.45	17.74			
10	QPSK	25	25	17.33	17.36	17.63			
10	QPSK	50	0	17.20	17.63	17.57	19	0	
10	16QAM	1	0	17.30	17.73	17.48			
10	16QAM	1	25	17.37	17.59	17.49			
10	16QAM	1	49	17.39	17.39	17.68	19	0	
10	16QAM	25	0	17.36	17.77	17.64			
10	16QAM	25	12	17.35	17.61	17.44			
10	16QAM	25	25	17.51	17.43	17.71	19	0	
10	16QAM	50	0	17.30	17.62	17.60			
10	64QAM	1	0	17.24	17.55	17.38			
10	64QAM	1	25	17.09	17.47	17.26	19	0	
10	64QAM	1	49	17.33	17.26	17.57			
10	64QAM	25	0	17.32	17.70	17.64			
10	64QAM	25	12	17.35	17.51	17.47	19	0	
10	64QAM	25	25	17.48	17.41	17.76			
10	64QAM	50	0	17.31	17.39	17.69			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.44	17.78	17.44	19	0	
5	QPSK	1	12	17.39	17.53	17.61			
5	QPSK	1	24	17.51	17.42	17.59			
5	QPSK	12	0	17.31	17.74	17.43	19	0	
5	QPSK	12	7	17.32	17.49	17.39			
5	QPSK	12	13	17.50	17.53	17.65			
5	QPSK	25	0	17.32	17.64	17.61	19	0	
5	16QAM	1	0	17.40	17.78	17.54			
5	16QAM	1	12	17.38	17.45	17.44			
5	16QAM	1	24	17.38	17.32	17.59	19	0	
5	16QAM	12	0	17.38	17.78	17.60			
5	16QAM	12	7	17.34	17.41	17.47			
5	16QAM	12	13	17.47	17.39	17.71	19	0	
5	16QAM	25	0	17.28	17.52	17.58			
5	64QAM	1	0	17.04	17.42	17.36			
5	64QAM	1	12	17.17	17.42	17.19	19	0	
5	64QAM	1	24	17.23	17.28	17.42			
5	64QAM	12	0	17.34	17.69	17.48			
5	64QAM	12	7	17.24	17.44	17.38	19	0	
5	64QAM	12	13	17.33	17.45	17.61			
5	64QAM	25	0	17.39	17.50	17.51			

Band 2 Ant8_DSI1&5									
BW [MHz]	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)				18600	18800	19000			
20	QPSK	1	0	15.47	15.52	15.29	16	0	
20	QPSK	1	49	15.37	15.24	15.33			
20	QPSK	1	99	15.40	15.45	15.36			
20	QPSK	50	0	15.34	15.50	15.30			
20	QPSK	50	24	15.30	15.33	15.30	16	0	
20	QPSK	50	50	15.40	15.28	15.34			
20	QPSK	100	0	15.30	15.30	15.28			
20	16QAM	1	0	15.32	15.42	15.45			
20	16QAM	1	49	15.43	15.20	15.33	16	0	
20	16QAM	1	99	15.35	15.20	15.48			
20	16QAM	50	0	15.34	15.41	15.41			
20	16QAM	50	24	15.29	15.44	15.40			
20	16QAM	50	50	15.44	15.34	15.32	16	0	
20	16QAM	100	0	15.42	15.49	15.34			
20	64QAM	1	0	15.39	15.35	15.07			
20	64QAM	1	49	15.32	15.34	15.18			
20	64QAM	1	99	15.23	15.49	15.40	16	0	
20	64QAM	50	0	15.25	15.28	15.24			
20	64QAM	50	24	15.42	15.29	15.30			
20	64QAM	50	50	15.38	15.31	15.46			
20	64QAM	100	0	15.40	15.36	15.29			
Channel				1857.5 <th>18800</th> <th>1902.5</th> <th>Tune-up limit (dBm)</th> <th>MPR (dB)</th> <th></th>	18800	1902.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5 <th>18800</th> <th>1902.5</th> <th></th> <th></th> <th></th>	18800	1902.5			
15	QPSK	1	0	15.27	15.24	15.01	16	0	
15	QPSK	1	37	15.29	14.96	15.22			
15	QPSK	1	74	15.23	15.14	15.15			
15	QPSK	36	0	15.03	15.40	15.03			
15	QPSK	36	20	15.04	15.19	14.99	16	0	
15	QPSK	36	39	15.31	15.12	15.10			
15	QPSK	75	0	15.00	15.30	15.02			
15	16QAM	1	0	15.09	15.22	15.33			
15	16QAM	1	37	15.14	15.06	15.10	16	0	
15	16QAM	1	74	15.14	14.94	15.39			
15	16QAM	36	0	15.08	15.28	15.15			
15	16QAM	36	20	15.04	15.16	15.22			
15	16QAM	36	39	15.22	15.17	15.03	16	0	
15	16QAM	75	0	15.17	15.35	15.15			
15	64QAM	1	0	15.20	15.24	14.84			
15	64QAM	1	37	15.02	15.13	14.88			
15	64QAM	1	74	14.97	15.33	15.19	16	0	
15	64QAM	36	0	14.98	15.14	15.15			
15	64QAM	36	20	15.17	14.97	15.16			
15	64QAM	36	39	15.30	15.11	15.29			
15	64QAM	75	0	15.30	15.19	15.18	Tune-up limit (dBm)	MPR (dB)	
Channel				18560	18900	19150			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	15.17	15.32	15.18	16	0	
10	QPSK	1	25	15.20	15.16	15.19			
10	QPSK	1	49	15.30	15.15	15.25			
10	QPSK	25	0	15.20	15.28	15.06			
10	QPSK	25	12	15.00	15.06	15.03	16	0	
10	QPSK	25	25	15.29	15.05	15.23			
10	QPSK	50	0	15.10	15.14	14.94			
10	16QAM	1	0	15.03	15.28	15.30			
10	16QAM	1	25	15.32	14.95	15.13	16	0	
10	16QAM	1	49	15.14	14.96	15.32			
10	16QAM	25	0	15.07	15.23	15.23			
10	16QAM	25	12	15.03	15.15	15.30			
10	16QAM	25	25	15.28	15.16	15.18	16	0	
10	16QAM	50	0	15.12	15.29	15.13			
10	64QAM	1	0	15.21	15.16	14.95			
10	64QAM	1	25	15.21	15.09	15.00			
10	64QAM	1	49	15.12	15.22	15.17	16	0	
10	64QAM	25	0	15.03	15.12	15.11			
10	64QAM	25	12	15.28	15.12	15.18			
10	64QAM	25	25	15.10	15.14	15.28			
10	64QAM	50	0	15.28	15.15	15.08	Tune-up limit (dBm)	MPR (dB)	
Channel				18525	18900	19175			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	15.16	15.41	15.21	16	0	
5	QPSK	1	12	15.25	14.86	15.04			
5	QPSK	1	24	15.30	15.27	15.28			
5	QPSK	12	0	15.17	15.41	15.21			
5	QPSK	12	7	15.05	15.16	15.05	16	0	
5	QPSK	12	13	15.20	15.02	15.07			
5	QPSK	25	0	15.20	15.11	15.05			
5	16QAM	1	0	15.15	15.11	15.31			
5	16QAM	1	12	15.28	15.11	15.09	16	0	
5	16QAM	1	24	15.04	14.97	15.17			
5	16QAM	12	0	15.12	15.31	15.30			
5	16QAM	12	7	15.04	15.23	15.26			
5	16QAM	12	13	15.36	15.21	15.20	16	0	
5	16QAM	25	0	15.24	15.22	15.09			
5	64QAM	1	0	15.15	15.10	14.95			
5	64QAM	1	12	15.05	15.17	14.86			
5	64QAM	1	24	15.06	15.34	15.31	16	0	
5	64QAM	12	0	15.05	14.97	15.15			
5	64QAM	12	7	15.15	15.03	15.05			
5	64QAM	12	13	15.10	15.13	15.23			
5	64QAM	25	0	15.32	15.20	15.12	Tune-up limit (dBm)	MPR (dB)	
Channel				18515	18900	19185			
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	15.17	15.42	15.18	16	0	
3	QPSK	1	8	15.16	15.06	15.10			
3	QPSK	1	14	15.21	15.17	15.09			
3	QPSK	8	0	15.11	15.24	15.02			
3	QPSK	8	4	15.06	15.23	15.11	16	0	
3	QPSK	8	7	15.32	15.07	15.03			
3	QPSK	15	0	15.17	15.20	15.18			
3	16QAM	1	0	15.18	15.25	15.28			
3	16QAM	1	8	15.33	15.07	15.21	16	0	
3	16QAM	1	14	15.11	14.96	15.37			
3	16QAM	8	0	15.07	15.25	15.16			
3	16QAM	8	4	15.20	15.20	15.31			
3	16QAM	8	7	15.21	15.12	15.02	16	0	
3	16QAM	15	0	15.25	15.35	15.03			
3	64QAM	1	0	15.27	15.18	14.86			
3	64QAM	1	8	15.14	15.08	14.90			
3	64QAM	1	14	15.04	15.24	15.26	16	0	
3	64QAM	8	0	15.02	15.00	15.15			
3	64QAM	8	4	15.20	14.98	14.98			
3	64QAM	8	7	15.21	15.09	15.31			
3	64QAM	15	0	15.26	15.26	14.98	Tune-up limit (dBm)	MPR (dB)	
Channel				18907	18900	19193			
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	15.31	15.38	15.13	16	0	
1.4	QPSK	1	3	15.15	15.04	15.18			
1.4	QPSK	1	5	15.32	15.27	15.06			
1.4	QPSK	3	0	15.19	15.30	15.01			
1.4	QPSK	3	1	15.17	15.21	15.07	16	0	
1.4	QPSK	3	3	15.09	15.08	15.04			
1.4	QPSK	6	0	15.11	15.29	15.07			
1.4	16QAM	1	0	15.18	15.21	15.24			
1.4	16QAM	1	3	15.11	15.04	15.12	16	0	
1.4	16QAM	1	5	15.16	15.01	15.27			
1.4	16QAM	3	0	15.18	15.27	15.31			
1.4	16QAM	3	1	15.21	15.30	15.27			
1.4	16QAM	3	3	15.25	15.04	15.04	16	0	
1.4	16QAM	6	0	15.11	15.29	15.18			
1.4	64QAM	1	0	15.14	15.05	14.93			
1.4	64QAM	1	3	15.09	15.07	15.04			
1.4	64QAM	1	5	14.94	15.29	15.12	16	0	
1.4	64QAM	3	0	15.13	15.06	15.06			
1.4	64QAM	3	1	15.21	15.21	15.10			
1.4	64QAM	3	3	15.17	15.14	15.35			
1.4	64QAM	6	0	15.40	15.27	14.97	16	0	



Band 7 Ant8_DS1&5										
BW [MHz]	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)				2310	2335	2360				
20	QPSK	1	0	13.71	13.68	13.78	14	0		
20	QPSK	1	49	13.79	13.82	13.71				
20	QPSK	1	99	13.73	13.85	13.83				
20	QPSK	50	0	13.82	13.85	13.77				
20	QPSK	50	24	13.64	13.71	13.75	14	0		
20	QPSK	50	50	13.69	13.57	13.62				
20	QPSK	100	0	13.81	13.85	13.78				
20	16QAM	1	0	13.82	13.74	13.87				
20	16QAM	1	49	13.77	13.81	13.75	14	0		
20	16QAM	1	99	13.73	13.70	13.79				
20	16QAM	50	0	13.61	13.65	13.55				
20	16QAM	50	24	13.72	13.74	13.69				
20	16QAM	50	50	13.78	13.80	13.67	14	0		
20	16QAM	100	0	13.83	13.81	13.86				
20	64QAM	1	0	13.72	13.72	13.83				
20	64QAM	1	49	13.77	13.66	13.68				
20	64QAM	1	99	13.86	13.79	13.80	14	0		
20	64QAM	50	0	13.57	13.74	13.83				
20	64QAM	50	24	13.73	13.78	13.68				
20	64QAM	50	50	13.69	13.75	13.78				
20	64QAM	100	0	13.64	13.57	13.64	14	0		
Channel				25075	25335	25675				
Frequency (MHz)				25075	25335	25675				
15	QPSK	1	0	13.63	13.74	13.53			14	0
15	QPSK	1	37	13.66	13.70	13.42				
15	QPSK	1	74	13.41	13.70	13.69				
15	QPSK	36	0	13.59	13.54	13.74				
15	QPSK	36	20	13.50	13.60	13.59	14	0		
15	QPSK	36	39	13.43	13.39	13.44				
15	QPSK	75	0	13.63	13.62	13.53				
15	16QAM	1	0	13.74	13.62	13.64				
15	16QAM	1	37	13.52	13.71	13.65	14	0		
15	16QAM	1	74	13.49	13.54	13.68				
15	16QAM	36	0	13.33	13.42	13.34				
15	16QAM	36	20	13.46	13.50	13.60				
15	16QAM	36	39	13.46	13.61	13.50	14	0		
15	16QAM	75	0	13.68	13.71	13.45				
15	64QAM	1	0	13.41	13.52	13.54				
15	64QAM	1	37	13.64	13.37	13.41				
15	64QAM	1	74	13.55	13.59	13.60	14	0		
15	64QAM	36	0	13.28	13.47	13.68				
15	64QAM	36	20	13.56	13.50	13.53				
15	64QAM	36	39	13.49	13.61	13.58				
15	64QAM	75	0	13.64	13.67	13.40	14	0		
Channel				26050	26100	26140				
Frequency (MHz)				25050	25335	25655				
10	QPSK	1	0	13.43	13.72	13.54			14	0
10	QPSK	1	25	13.59	13.71	13.40				
10	QPSK	1	49	13.45	13.73	13.69				
10	QPSK	25	0	13.66	13.62	13.72				
10	QPSK	25	12	13.50	13.53	13.63	14	0		
10	QPSK	25	25	13.61	13.62	13.50				
10	QPSK	50	0	13.55	13.67	13.65				
10	16QAM	1	0	13.62	13.54	13.69				
10	16QAM	1	25	13.60	13.71	13.56	14	0		
10	16QAM	1	49	13.63	13.41	13.67				
10	16QAM	25	0	13.41	13.44	13.37				
10	16QAM	25	12	13.54	13.57	13.50				
10	16QAM	25	25	13.62	13.72	13.47	14	0		
10	16QAM	50	0	13.73	13.71	13.52				
10	64QAM	1	0	13.64	13.40	13.74				
10	64QAM	1	25	13.51	13.52	13.58				
10	64QAM	1	49	13.60	13.55	13.52	14	0		
10	64QAM	25	0	13.35	13.60	13.64				
10	64QAM	25	12	13.49	13.58	13.64				
10	64QAM	25	25	13.41	13.56	13.63				
10	64QAM	50	0	13.51	13.47	13.37	14	0		
Channel				26775	26100	26125				
Frequency (MHz)				25050	25335	25675				
5	QPSK	1	0	13.48	13.71	13.47			14	0
5	QPSK	1	12	13.63	13.69	13.42				
5	QPSK	1	24	13.60	13.75	13.74				
5	QPSK	12	0	13.63	13.50	13.61				
5	QPSK	12	7	13.33	13.42	13.52	14	0		
5	QPSK	12	13	13.43	13.32	13.49				
5	QPSK	25	0	13.55	13.52	13.57				
5	16QAM	1	0	13.58	13.58	13.61				
5	16QAM	1	12	13.65	13.71	13.57	14	0		
5	16QAM	1	24	13.50	13.40	13.71				
5	16QAM	12	0	13.48	13.36	13.38				
5	16QAM	12	7	13.48	13.54	13.38				
5	16QAM	12	13	13.64	13.59	13.53	14	0		
5	16QAM	25	0	13.56	13.60	13.39				
5	64QAM	1	0	13.41	13.55	13.54				
5	64QAM	1	12	13.45	13.40	13.51				
5	64QAM	1	24	13.65	13.64	13.66	14	0		
5	64QAM	12	0	13.34	13.55	13.60				
5	64QAM	12	7	13.58	13.60	13.58				
5	64QAM	12	13	13.39	13.49	13.68				
5	64QAM	25	0	13.55	13.50	13.55	14	0		

Band 7 Ant8_DS14										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)				2510	2535	2550				
20	QPSK	1	0	19.75	19.77	19.75	20	0		
20	QPSK	1	49	19.69	19.74	19.64				
20	QPSK	50	0	19.70	19.76	19.72				
20	QPSK	50	24	19.75	19.72	19.69	20	0		
20	QPSK	50	50	19.73	19.75	19.67				
20	QPSK	100	0	19.69	19.71	19.65				
20	16QAM	1	0	19.70	19.72	19.70	20	0		
20	16QAM	1	49	19.71	19.74	19.67				
20	16QAM	1	99	19.72	19.67	19.75				
20	16QAM	50	0	19.72	19.71	19.73	20	0		
20	16QAM	50	24	19.74	19.75	19.70				
20	16QAM	50	50	19.75	19.68	19.71				
20	16QAM	100	0	19.69	19.71	19.66	20	0		
20	64QAM	1	0	19.72	19.65	19.70				
20	64QAM	1	49	19.73	19.69	19.59				
20	64QAM	1	99	19.66	19.72	19.67	20	0		
20	64QAM	50	0	19.69	19.71	19.71				
20	64QAM	50	24	19.75	19.74	19.68				
20	64QAM	50	50	19.72	19.68	19.69	20	0		
20	64QAM	100	0	19.71	19.71	19.66				
Channel										
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	19.68	19.75	19.72	20	0		
15	QPSK	1	37	19.75	19.68	19.74				
15	QPSK	1	74	19.70	19.69	19.72				
15	QPSK	36	0	19.69	19.71	19.72	20	0		
15	QPSK	36	20	19.71	19.73	19.68				
15	QPSK	36	39	19.70	19.74	19.66				
15	QPSK	75	0	19.71	19.66	19.64	20	0		
15	16QAM	1	0	19.73	19.74	19.72				
15	16QAM	1	37	19.62	19.75	19.65				
15	16QAM	1	74	19.65	19.74	19.69	20	0		
15	16QAM	36	0	19.63	19.65	19.64				
15	16QAM	36	20	19.72	19.76	19.69				
15	16QAM	36	39	19.73	19.76	19.68	20	0		
15	16QAM	75	0	19.73	19.74	19.67				
15	64QAM	1	0	19.76	19.68	19.70				
15	64QAM	1	37	19.70	19.71	19.74	20	0		
15	64QAM	1	74	19.76	19.74	19.69				
15	64QAM	36	0	19.72	19.71	19.73				
15	64QAM	36	20	19.75	19.74	19.68	20	0		
15	64QAM	36	39	19.72	19.76	19.68				
15	64QAM	75	0	19.73	19.72	19.65				
Channel										
Frequency (MHz)				2509.0	2110	2140	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	19.69	19.72	19.74	20	0		
10	QPSK	1	25	19.73	19.74	19.73				
10	QPSK	1	49	19.75	19.60	19.61				
10	QPSK	25	0	19.61	19.62	19.71	20	0		
10	QPSK	25	12	19.72	19.72	19.73				
10	QPSK	25	25	19.69	19.72	19.73				
10	QPSK	50	0	19.71	19.73	19.76	20	0		
10	16QAM	1	0	19.70	19.67	19.74				
10	16QAM	1	25	19.71	19.73	19.75				
10	16QAM	1	49	19.73	19.76	19.76	20	0		
10	16QAM	25	0	19.67	19.71	19.73				
10	16QAM	25	12	19.72	19.73	19.73				
10	16QAM	25	25	19.72	19.73	19.75	20	0		
10	16QAM	50	0	19.72	19.71	19.75				
10	64QAM	1	0	19.66	19.73	19.69				
10	64QAM	1	25	19.71	19.75	19.66	20	0		
10	64QAM	1	49	19.75	19.72	19.75				
10	64QAM	25	0	19.74	19.64	19.72				
10	64QAM	25	12	19.74	19.75	19.75	20	0		
10	64QAM	25	25	19.73	19.72	19.70				
10	64QAM	50	0	19.70	19.69	19.73				
Channel										
Frequency (MHz)				2077.5	2100	2142.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	19.73	19.76	19.75	20	0		
5	QPSK	1	12	19.71	19.75	19.69				
5	QPSK	1	24	19.73	19.73	19.70				
5	QPSK	12	0	19.70	19.62	19.70	20	0		
5	QPSK	12	12	19.72	19.72	19.73				
5	QPSK	12	13	19.67	19.71	19.70				
5	QPSK	25	0	19.69	19.70	19.67	20	0		
5	16QAM	1	0	19.72	19.74	19.67				
5	16QAM	1	12	19.76	19.62	19.64				
5	16QAM	1	24	19.74	19.69	19.73	20	0		
5	16QAM	12	0	19.74	19.63	19.69				
5	16QAM	12	12	19.72	19.72	19.71				
5	16QAM	12	13	19.70	19.72	19.70	20	0		
5	16QAM	25	0	19.68	19.73	19.68				
5	64QAM	1	0	19.72	19.76	19.76				
5	64QAM	1	12	19.73	19.75	19.63	20	0		
5	64QAM	1	24	19.69	19.70	19.68				
5	64QAM	12	0	19.73	19.69	19.69				
5	64QAM	12	12	19.70	19.70	19.70	20	0		
5	64QAM	12	13	19.67	19.73	19.69				
5	64QAM	25	0	19.71	19.70	19.70				

Band 38 Ant8_DS15												
RF (MHz)	Modulation	RB Size	RB Offset	Power Lower Ch / Freq	Power Upper Ch / Freq	Power Upper Ch / Freq	Time-up limit (min)	MPR (dB)				
Channel												
Frequency (MHz)				37860	38000	38150						
20	QPSK	1	0	17.29	17.30	17.30	17.5	0				
20	QPSK	1	48	17.19	17.29	17.13						
20	QPSK	1	96	17.17	17.30	17.23						
20	QPSK	50	0	17.26	17.30	17.15						
20	QPSK	24	0	17.23	17.29	17.21	17.5	0				
20	QPSK	50	50	17.29	17.23	17.27						
20	QPSK	100	0	17.22	17.27	17.25						
20	16QAM	1	0	17.31	17.29	17.24						
20	16QAM	1	48	17.21	17.29	17.15	17.5	0				
20	16QAM	1	96	17.17	17.30	17.26						
20	16QAM	50	0	17.24	17.30	17.30						
20	16QAM	50	24	17.30	17.28	17.21						
20	16QAM	100	0	17.22	17.23	17.23	17.5	0				
20	16QAM	1	0	17.31	17.16	17.04						
20	16QAM	1	48	17.21	17.29	17.15						
20	16QAM	1	96	17.27	17.28	17.23						
20	16QAM	50	0	17.28	17.22	17.12	17.5	0				
20	16QAM	50	24	17.30	17.23	17.23						
20	16QAM	50	50	17.26	17.27	17.31						
20	16QAM	100	0	17.25	17.25	17.23						
Channel												
Frequency (MHz)				37865	38000	38175	Time-up limit (min)	MPR (dB)				
15	QPSK	1	0	17.14	17.03	17.08	17.5	0				
15	QPSK	1	37	17.07	17.09	17.16						
15	QPSK	1	74	17.14	17.15	17.21						
15	QPSK	36	0	17.30	17.25	17.25						
15	QPSK	36	20	17.31	17.22	17.19	17.5	0				
15	QPSK	36	36	17.28	17.15	17.28						
15	QPSK	75	0	17.30	17.31	17.21						
15	16QAM	1	0	17.17	17.16	17.31						
15	16QAM	1	37	17.20	17.15	17.28	17.5	0				
15	16QAM	1	74	17.17	17.14	17.18						
15	16QAM	36	0	17.24	17.23	17.10						
15	16QAM	36	20	17.19	17.23	17.19						
15	16QAM	36	50	17.25	17.26	17.22	17.5	0				
15	16QAM	1	0	17.22	17.28	17.24						
15	16QAM	1	0	17.12	17.01	16.96						
15	16QAM	1	37	17.12	17.13	17.05						
15	16QAM	1	74	17.07	17.11	17.23	17.5	0				
15	16QAM	36	0	17.29	17.28	17.30						
15	16QAM	36	20	17.22	17.22	17.24						
15	16QAM	36	36	17.28	17.28	17.28						
15	16QAM	75	0	17.28	17.25	17.23	Time-up limit (min)	MPR (dB)				
Channel												
Frequency (MHz)				37860	38000	38050				Time-up limit (min)	MPR (dB)	
10	QPSK	1	0	17.16	17.08	17.05	17.5	0				
10	QPSK	1	25	17.15	17.22	17.18						
10	QPSK	25	0	17.17	17.21	17.24						
10	QPSK	25	12	17.24	17.28	17.26						
10	QPSK	25	25	17.22	17.31	17.30	17.5	0				
10	QPSK	50	0	17.22	17.27	17.23						
10	16QAM	1	0	17.26	17.28	17.20						
10	16QAM	1	25	17.21	17.16	17.06						
10	16QAM	1	40	17.27	17.09	17.22	17.5	0				
10	16QAM	25	0	17.27	17.20	17.29						
10	16QAM	25	12	17.27	17.31	17.22						
10	16QAM	25	25	17.31	17.22	17.31						
10	16QAM	50	0	17.22	17.28	17.21	17.5	0				
10	16QAM	1	0	17.03	16.90	16.74						
10	16QAM	1	25	17.03	16.79	17.03						
10	16QAM	1	40	16.90	17.01	17.03						
10	16QAM	25	0	17.27	17.22	17.27	17.5	0				
10	16QAM	25	12	17.29	17.23	17.29						
10	16QAM	25	25	17.22	17.24	17.21						
10	16QAM	50	0	17.22	17.26	17.23						
Channel												
Frequency (MHz)				28175	28000	28175	Time-up limit (min)	MPR (dB)				
5	QPSK	1	0	17.11	17.23	17.26	17.5	0				
5	QPSK	1	12	17.25	17.27	17.22						
5	QPSK	1	24	17.15	17.22	17.23						
5	QPSK	12	0	17.27	17.18	17.18						
5	QPSK	12	7	17.30	17.22	17.24	17.5	0				
5	QPSK	12	13	17.04	17.23	17.27						
5	QPSK	24	0	17.23	17.31	17.16						
5	16QAM	1	0	17.30	17.31	17.21						
5	16QAM	1	12	17.08	17.24	17.11	17.5	0				
5	16QAM	1	24	17.29	17.21	17.14						
5	16QAM	12	0	17.28	17.05	17.16						
5	16QAM	12	7	17.22	17.28	17.26						
5	16QAM	25	13	17.08	17.03	17.22	17.5	0				
5	16QAM	25	0	17.23	17.22	17.31						
5	16QAM	1	0	16.77	17.08	17.22						
5	16QAM	1	12	17.22	17.18	17.26						
5	16QAM	1	24	17.04	17.26	17.22	17.5	0				
5	16QAM	12	0	17.22	17.08	17.17						
5	16QAM	12	7	17.23	17.23	17.23						
5	16QAM	25	13	17.16	17.16	17.26						
5	16QAM	25	0	17.27	17.25	17.28	17.5	0				

Band 38 Ant8_DS11									
RF (MHz)	Modulation	RB Size	RB Offset	Power Low Ch (dBm)	Power High Ch (dBm)	Power Avg Ch (dBm)	Time-up limit (min)	MPR (dB)	
Channel									
Frequency (MHz)				37860	38000	38150			
				2680	2680	2680			
20	QPSK	1	0	16.68	16.78	16.73	17	0	
20	QPSK	1	48	16.58	16.78	16.70			
20	QPSK	1	96	16.60	16.67	16.72			
20	QPSK	50	50	16.88	16.80	16.66			
20	QPSK	24	0	16.63	16.85	16.68	17	0	
20	QPSK	50	50	16.89	16.80	16.68			
20	16QAM	1	0	16.77	16.82	16.71			
20	16QAM	1	48	16.88	16.82	16.82			
20	16QAM	1	96	16.77	16.76	16.76	17	0	
20	16QAM	50	0	16.70	16.70	16.75			
20	16QAM	50	24	16.73	16.69	16.80			
20	16QAM	100	0	16.69	16.80	16.76			
20	16QAM	1	0	16.82	16.83	16.78	17	0	
20	16QAM	1	0	16.82	16.78	16.47			
20	16QAM	1	48	16.80	16.81	16.76			
20	16QAM	1	96	16.80	16.87	16.89			
20	16QAM	50	0	16.74	16.77	16.82	17	0	
20	16QAM	50	24	16.72	16.83	16.77			
20	16QAM	50	50	16.76	16.83	16.78			
20	16QAM	100	0	16.80	16.87	16.78			
Channel				37865	38000	38175	Time-up limit (min)	MPR (dB)	
Frequency (MHz)				37865	38000	38175			
15	QPSK	1	0	16.56	16.71	16.53	17	0	
15	QPSK	1	37	16.36	16.63	16.43			
15	QPSK	1	74	16.43	16.36	16.46			
15	QPSK	36	0	16.55	16.65	16.60			
15	QPSK	36	20	16.51	16.60	16.48	17	0	
15	QPSK	36	36	16.54	16.51	16.54			
15	16QAM	1	0	16.55	16.53	16.54			
15	16QAM	1	37	16.69	16.67	16.52			
15	16QAM	1	74	16.69	16.67	16.52	17	0	
15	16QAM	36	0	16.56	16.65	16.67			
15	16QAM	36	20	16.51	16.55	16.45			
15	16QAM	36	36	16.49	16.58	16.51			
15	16QAM	76	0	16.51	16.44	16.53	17	0	
15	16QAM	76	0	16.51	16.44	16.53			
15	16QAM	1	37	16.57	16.52	16.59			
15	16QAM	1	74	16.57	16.59	16.57			
15	16QAM	1	0	16.61	16.47	16.54	17	0	
15	16QAM	1	37	16.61	16.47	16.54			
15	16QAM	20	0	16.45	16.60	16.52			
15	16QAM	36	36	16.48	16.73	16.63			
15	16QAM	76	0	16.58	16.58	16.58	Time-up limit (min) <td rowspan="3">MPR (dB)<td rowspan="3"></td></td>	MPR (dB) <td rowspan="3"></td>	
Channel				37860	38000	38050			
Frequency (MHz)				37860	38000	38050			
10	QPSK	1	0	16.54	16.75	16.54	17	0	
10	QPSK	1	26	16.54	16.57	16.51			
10	QPSK	1	52	16.56	16.56	16.54			
10	QPSK	26	0	16.43	16.57	16.50			
10	QPSK	25	12	16.47	16.58	16.36	17	0	
10	QPSK	50	50	16.60	16.70	16.50			
10	QPSK	36	0	16.58	16.60	16.53			
10	16QAM	1	0	16.57	16.60	16.54			
10	16QAM	1	26	16.70	16.68	16.69	17	0	
10	16QAM	1	52	16.68	16.68	16.69			
10	16QAM	1	40	16.50	16.64	16.55			
10	16QAM	25	12	16.54	16.60	16.53			
10	16QAM	25	12	16.64	16.46	16.55	17	0	
10	16QAM	50	50	16.61	16.49	16.57			
10	16QAM	50	26	16.61	16.50	16.54			
10	16QAM	1	0	16.67	16.61	16.22			
10	16QAM	1	26	16.68	16.64	16.57	17	0	
10	16QAM	1	52	16.63	16.64	16.57			
10	16QAM	1	40	16.53	16.47	16.52			
10	16QAM	25	0	16.43	16.62	16.40			
10	16QAM	25	12	16.51	16.60	16.52	17	0	
10	16QAM	25	26	16.55	16.55	16.49			
10	16QAM	50	0	16.65	16.44	16.56			
Channel <th>27435</th> <th>27995</th> <th>28175</th>				27435	27995	28175			
Frequency (MHz)				27435	27995	28175			
5	QPSK	1	0	16.61	16.61	16.61	17	0	
5	QPSK	1	12	16.42	16.42	16.42			
5	QPSK	1	24	16.35	16.41	16.58			
5	QPSK	12	0	16.50	16.52	16.51			
5	QPSK	1	7	16.43	16.63	16.56	17	0	
5	QPSK	12	13	16.73	16.60	16.54			
5	QPSK	25	0	16.47	16.61	16.57			
5	QPSK	1	0	16.63	16.64	16.41			
5	16QAM	1	12	16.68	16.67	16.57	17	0	
5	16QAM	1	24	16.59	16.59	16.50			
5	16QAM	12	13	16.44	16.53	16.52			
5	16QAM	13	0	16.63	16.51	16.52			
5	16QAM	12	13	16.56	16.51	16.52	17	0	
5	16QAM	1	12	16.70	16.60	16.55			
5	16QAM	1	24	16.57	16.56	16.36			
5	16QAM	12	0	16.60	16.64	16.44			
5	16QAM	12	7	16.61	16.58	16.53	17	0	
5	16QAM	12	7	16.61	16.58	16.53			
5	16QAM	12	13	16.58	16.58	16.54			
5	16QAM	25	0	16.58	16.46	16.52			

Band 41 Ant8_DS15																	
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Mid Ch / Freq	Power High Ch / Freq	Power High Mid Ch / Freq	Power High Ch / Freq	Power High Mid Ch / Freq	Time-up test (min)	MFR (dB)						
Channel																	
Frequency (MHz)																	
30	QPSK	1	0	17.35	17.35	17.35	17.35	17.35	17.35	17.5	0						
30	QPSK	1	49	17.35	17.36	17.34	17.33	17.33	17.33								
30	QPSK	1	98	17.38	17.18	17.27	17.22	17.33	17.33								
30	QPSK	50	0	17.32	17.32	17.27	17.31	17.31	17.32								
30	QPSK	50	24	17.32	17.22	17.21	17.32	17.34	17.34								
30	QPSK	50	50	17.33	17.31	17.34	17.33	17.33	17.32	17.5	0						
30	16QAM	1	0	17.32	17.31	17.35	17.33	17.33	17.33								
30	16QAM	1	49	17.29	17.35	17.38	17.25	17.37	17.37								
30	16QAM	1	99	17.27	17.31	17.32	17.30	17.15	17.15								
30	16QAM	50	0	17.31	17.33	17.32	17.30	17.24	17.24								
30	16QAM	50	24	17.29	17.32	17.34	17.31	17.34	17.34	17.5	0						
30	16QAM	50	50	17.29	17.30	17.33	17.31	17.20	17.20								
30	16QAM	100	0	17.31	17.32	17.34	17.27	17.32	17.32								
30	84QAM	1	0	17.14	17.16	17.12	17.14	17.18	17.18								
30	84QAM	1	49	17.15	17.16	17.18	17.23	17.16	17.16								
30	84QAM	1	99	17.22	17.16	17.18	17.23	17.16	17.16	17.5	0						
30	84QAM	50	0	17.27	17.27	17.25	17.24	17.21	17.21								
30	84QAM	50	24	17.31	17.35	17.27	17.27	17.19	17.19								
30	84QAM	50	50	17.31	17.33	17.32	17.29	17.15	17.15								
30	84QAM	100	0	17.32	17.33	17.32	17.34	17.35	17.35								
Channel																	
Frequency (MHz)																	
15	QPSK	1	0	17.24	17.24	17.23	17.25	17.29	17.29	18	0						
15	QPSK	1	37	17.21	17.22	17.17	17.19	17.02	17.02								
15	QPSK	1	74	17.21	17.25	17.28	17.21	17.05	17.05								
15	QPSK	36	0	17.24	17.23	17.29	17.27	17.21	17.21								
15	QPSK	36	20	17.34	17.32	17.34	17.32	17.18	17.18								
15	QPSK	36	39	17.31	17.30	17.35	17.33	17.14	17.14	17.5	0						
15	QPSK	75	0	17.33	17.34	17.32	17.35	17.19	17.19								
15	16QAM	1	0	17.32	17.35	17.38	17.29	17.28	17.28								
15	16QAM	1	37	17.32	17.28	17.29	17.24	17.15	17.15								
15	16QAM	1	74	17.29	17.34	17.33	17.32	17.22	17.22								
15	16QAM	36	0	17.33	17.35	17.36	17.33	17.18	17.18	17.5	0						
15	16QAM	36	20	17.30	17.32	17.35	17.32	17.18	17.18								
15	16QAM	36	40	17.35	17.32	17.34	17.29	17.14	17.14								
15	16QAM	75	0	17.35	17.31	17.31	17.30	17.19	17.19								
15	84QAM	1	0	17.23	17.11	17.17	17.15	17.15	17.15								
15	84QAM	1	37	17.22	17.15	17.08	17.14	17.07	17.07	17.5	0						
15	84QAM	1	74	17.27	17.12	17.23	17.21	17.04	17.04								
15	84QAM	36	0	17.30	17.31	17.30	17.30	17.24	17.24								
15	84QAM	36	20	17.31	17.33	17.33	17.34	17.18	17.18								
15	84QAM	36	39	17.27	17.32	17.32	17.35	17.12	17.12								
Channel																	
Frequency (MHz)																	
10	QPSK	1	0	17.23	17.24	17.29	17.25	17.30	17.30	18	0						
10	QPSK	1	26	17.19	17.26	17.20	17.25	17.17	17.05								
10	QPSK	1	49	17.21	17.27	17.20	17.18	17.05	17.05								
10	QPSK	25	0	17.25	17.22	17.25	17.22	17.14	17.14								
10	QPSK	25	12	17.27	17.26	17.22	17.31	17.22	17.22								
10	QPSK	25	20	17.26	17.25	17.26	17.24	17.19	17.19	17.5	0						
10	QPSK	50	0	17.25	17.22	17.22	17.18	17.23	17.23								
10	16QAM	1	0	17.34	17.32	17.28	17.22	17.28	17.28								
10	16QAM	1	26	17.35	17.31	17.22	17.26	17.23	17.23								
10	16QAM	1	49	17.27	17.21	17.26	17.23	17.09	17.09								
10	16QAM	25	0	17.34	17.34	17.30	17.30	17.20	17.20	17.5	0						
10	16QAM	25	12	17.29	17.31	17.27	17.20	17.18	17.18								
10	16QAM	25	20	17.34	17.32	17.33	17.18	17.14	17.14								
10	16QAM	50	0	17.17	17.11	17.24	17.14	17.14	17.14								
10	84QAM	1	0	17.19	17.24	17.22	17.20	17.27	17.27								
10	84QAM	1	25	17.11	17.19	17.18	17.23	17.21	17.21	17.5	0						
10	84QAM	1	49	17.15	17.16	17.18	17.23	17.12	17.12								
10	84QAM	25	0	17.31	17.29	17.27	17.15	17.19	17.19								
10	84QAM	25	12	17.25	17.27	17.19	17.26	17.26	17.26								
10	84QAM	25	20	17.27	17.25	17.19	17.31	17.20	17.20								
10	84QAM	50	0	17.23	17.31	17.29	17.23	17.22	17.22	17.5	0						
Channel																	
Frequency (MHz)																	
5	QPSK	1	0	17.22	17.23	17.23	17.21	17.17	17.17	18	0						
5	QPSK	1	12	17.21	17.32	17.33	17.27	17.12	17.12								
5	QPSK	1	24	17.20	17.23	17.24	17.19	17.06	17.06								
5	QPSK	12	0	17.23	17.27	17.28	17.20	17.15	17.15								
5	QPSK	12	13	17.26	17.33	17.32	17.33	17.18	17.18								
5	QPSK	12	13	17.26	17.33	17.32	17.33	17.18	17.18	17.5	0						
5	QPSK	36	0	17.27	17.32	17.35	17.24	17.14	17.14								
5	16QAM	1	0	17.26	17.24	17.23	17.28	17.14	17.14								
5	16QAM	1	12	17.28	17.31	17.30	17.34	17.20	17.20								
5	16QAM	1	24	17.28	17.29	17.28	17.33	17.16	17.16								
5	16QAM	12	0	17.32	17.25	17.28	17.22	17.16	17.16	17.5	0						
5	16QAM	12	7	17.32	17.31	17.29	17.33	17.22	17.22								
5	16QAM	12	13	17.28	17.32	17.33	17.35	17.14	17.14								
5	16QAM	25	0	17.32	17.32	17.32	17.33	17.24	17.24								
5	84QAM	1	0	17.03	17.01	17.05	17.08	16.94	16.94								
5	84QAM	1	12	17.03	17.15	17.19	17.12	16.94	16.94	17.5	0						
5	84QAM	1	24	17.05	17.07	17.12	17.09	16.93	16.93								
5	84QAM	12	0	17.31	17.24	17.28	17.27	17.19	17.19	17.5	0						
5	84QAM	12	7	17.34	17.32	17.33	17.32	17.23	17.23								
5	84QAM	12	13	17.31	17.34	17.34	17.33	17.15	17.15								
5	84QAM	12	13	17.31	17.34	17.34	17.33	17.15	17.15								

Band 42_Ant 11 DSI 3&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990			
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	18.78	19.27	19.23	19.5	0	
20	QPSK	1	49	18.92	19.01	19.11			
20	QPSK	1	99	18.82	18.94	19.04			
20	QPSK	50	0	18.87	19.23	19.22	19.5	0	
20	QPSK	50	24	18.77	18.98	19.14			
20	QPSK	50	50	18.96	19.00	19.03			
20	QPSK	100	0	18.98	19.17	19.10	19.5	0	
20	16QAM	1	0	18.98	19.12	19.14			
20	16QAM	1	49	18.92	19.07	19.20			
20	16QAM	1	99	18.96	18.84	19.08	19.5	0	
20	16QAM	50	0	18.86	18.91	19.09			
20	16QAM	50	24	18.84	19.24	19.12			
20	16QAM	50	50	18.89	18.97	19.17	19.5	0	
20	16QAM	100	0	18.96	19.04	19.24			
20	64QAM	1	0	18.87	19.26	19.14			
20	64QAM	1	49	18.76	18.89	19.11	19.5	0	
20	64QAM	1	99	18.78	18.93	19.14			
20	64QAM	50	0	18.88	18.84	19.17			
20	64QAM	50	24	18.83	19.18	19.08	19.5	0	
20	64QAM	50	50	18.73	19.09	19.18			
20	64QAM	100	0	18.89	19.01	19.17			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	18.68	19.06	18.95	19.5	0	
15	QPSK	1	37	18.65	18.81	18.99			
15	QPSK	1	74	18.78	18.83	18.89			
15	QPSK	36	0	18.70	18.95	19.05	19.5	0	
15	QPSK	36	20	18.66	18.67	18.89			
15	QPSK	36	39	18.81	18.78	18.89			
15	QPSK	75	0	18.72	18.99	18.99	19.5	0	
15	16QAM	1	0	18.82	18.99	18.90			
15	16QAM	1	37	18.76	18.88	18.95			
15	16QAM	1	74	18.74	18.74	18.91	19.5	0	
15	16QAM	36	0	18.57	19.05	19.01			
15	16QAM	36	20	18.61	18.79	18.97			
15	16QAM	36	39	18.66	18.82	18.77	19.5	0	
15	16QAM	75	0	18.66	18.94	19.10			
15	64QAM	1	0	18.66	19.07	19.03			
15	64QAM	1	37	18.59	18.79	18.84	19.5	0	
15	64QAM	1	74	18.60	18.73	18.94			
15	64QAM	36	0	18.61	18.71	19.00			
15	64QAM	36	20	18.59	18.97	18.86	19.5	0	
15	64QAM	36	39	18.59	18.83	18.91			
15	64QAM	75	0	18.80	18.70	19.04			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	18.76	19.00	18.93	19.5	0	
10	QPSK	1	25	18.50	18.69	18.88			
10	QPSK	1	49	18.84	18.68	18.95			
10	QPSK	25	0	18.62	19.02	19.08	19.5	0	
10	QPSK	25	12	18.60	18.75	18.97			
10	QPSK	25	25	18.74	18.84	18.73			
10	QPSK	50	0	18.66	18.99	18.87	19.5	0	
10	16QAM	1	0	18.83	19.00	18.96			
10	16QAM	1	25	18.79	18.85	19.06			
10	16QAM	1	49	18.77	18.61	18.93	19.5	0	
10	16QAM	25	0	18.76	18.64	18.88			
10	16QAM	25	12	18.71	19.00	18.83			
10	16QAM	25	25	18.63	18.71	19.00	19.5	0	
10	16QAM	50	0	18.75	18.77	19.13			
10	64QAM	1	0	18.69	18.97	18.86			
10	64QAM	1	25	18.61	18.62	18.80	19.5	0	
10	64QAM	1	49	18.49	18.72	18.92			
10	64QAM	25	0	18.74	19.04	18.97			
10	64QAM	25	12	18.57	18.67	18.94	19.5	0	
10	64QAM	25	25	18.74	18.86	18.91			
10	64QAM	50	0	18.64	18.82	19.02			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	18.67	18.98	19.00	19.5	0	
5	QPSK	1	12	18.53	18.67	18.88			
5	QPSK	1	24	18.75	18.89	18.86			
5	QPSK	12	0	18.59	18.97	18.95	19.5	0	
5	QPSK	12	7	18.60	18.89	18.98			
5	QPSK	12	13	18.78	18.78	18.87			
5	QPSK	25	0	18.74	18.92	18.92	19.5	0	
5	16QAM	1	0	18.74	18.96	19.02			
5	16QAM	1	12	18.61	18.76	19.08			
5	16QAM	1	24	18.69	18.72	18.95	19.5	0	
5	16QAM	12	0	18.77	18.93	19.01			
5	16QAM	12	7	18.63	18.81	18.86			
5	16QAM	12	13	18.68	18.72	18.79	19.5	0	
5	16QAM	25	0	18.82	18.79	18.95			
5	64QAM	1	0	18.77	18.97	19.03			
5	64QAM	1	12	18.59	18.79	18.83	19.5	0	
5	64QAM	1	24	18.83	18.71	18.95			
5	64QAM	12	0	18.62	18.98	19.03			
5	64QAM	12	7	18.60	18.79	18.89	19.5	0	
5	64QAM	12	13	18.82	18.81	18.83			
5	64QAM	25	0	18.68	18.79	18.92			

Band 42_Ant12 DSI 1&3&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	20	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	19.77	19.81	19.45			
20	QPSK	1	49	19.53	19.59	19.53	20	0	
20	QPSK	1	99	19.39	19.31	19.39			
20	QPSK	50	0	19.61	19.70	19.38			
20	QPSK	50	24	19.57	19.39	19.35	20	0	
20	QPSK	50	50	19.45	19.36	19.22			
20	QPSK	100	0	19.58	19.75	19.54			
20	16QAM	1	0	19.52	19.37	19.44	20	0	
20	16QAM	1	49	19.34	19.43	19.31			
20	16QAM	1	99	19.66	19.80	19.43			
20	16QAM	50	0	19.64	19.47	19.32	20	0	
20	16QAM	50	24	19.27	19.45	19.25			
20	16QAM	50	50	19.71	19.68	19.40			
20	16QAM	100	0	19.42	19.45	19.37	20	0	
20	64QAM	1	0	19.46	19.35	19.34			
20	64QAM	1	49	19.63	19.58	19.51			
20	64QAM	1	99	19.65	19.59	19.40	20	0	
20	64QAM	50	0	19.31	19.53	19.36			
20	64QAM	50	24	19.57	19.78	19.44			
20	64QAM	50	50	19.59	19.43	19.43	20	0	
20	64QAM	100	0	19.49	19.41	19.42			
Channel				42165	42590	43015	20	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.66	19.52	19.23			
15	QPSK	1	37	19.42	19.28	19.35	20	0	
15	QPSK	1	74	19.24	19.16	19.26			
15	QPSK	36	0	19.54	19.49	19.21	20	0	
15	QPSK	36	20	19.32	19.50	19.27			
15	QPSK	36	39	19.18	19.22	19.26			
15	QPSK	75	0	19.34	19.59	19.39	20	0	
15	16QAM	1	0	19.42	19.25	19.22			
15	16QAM	1	37	19.17	19.29	19.21			
15	16QAM	1	74	19.47	19.63	19.15	20	0	
15	16QAM	36	0	19.59	19.52	19.29			
15	16QAM	36	20	19.40	19.37	19.37			
15	16QAM	36	39	19.19	19.19	19.24	20	0	
15	16QAM	75	0	19.19	19.24	19.19			
15	64QAM	1	0	19.16	19.20	19.16			
15	64QAM	1	37	19.34	19.45	19.43	20	0	
15	64QAM	1	74	19.48	19.29	19.18			
15	64QAM	36	0	19.17	19.38	19.24			
15	64QAM	36	20	19.43	19.67	19.36	20	0	
15	64QAM	36	39	19.42	19.18	19.29			
15	64QAM	75	0	19.31	19.32	19.11			
Channel				42140	42590	43040	20	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.65	19.65	19.16			
10	QPSK	1	25	19.29	19.27	19.33	20	0	
10	QPSK	1	49	19.20	19.17	19.30			
10	QPSK	25	0	19.45	19.46	19.15	20	0	
10	QPSK	25	12	19.46	19.15	19.09			
10	QPSK	25	25	19.31	19.09	19.13			
10	QPSK	50	0	19.48	19.62	19.32	20	0	
10	16QAM	1	0	19.47	19.59	19.25			
10	16QAM	1	25	19.28	19.41	19.33			
10	16QAM	1	49	19.24	19.12	19.15	20	0	
10	16QAM	25	0	19.34	19.39	19.02			
10	16QAM	25	12	19.18	19.34	19.12			
10	16QAM	25	25	19.42	19.43	19.26	20	0	
10	16QAM	50	0	19.20	19.37	19.21			
10	64QAM	1	0	19.21	19.13	19.19			
10	64QAM	1	25	19.55	19.46	19.37	20	0	
10	64QAM	1	49	19.43	19.37	19.29			
10	64QAM	25	0	18.99	19.23	19.27			
10	64QAM	25	12	19.31	19.46	19.25	20	0	
10	64QAM	25	25	19.40	19.29	19.15			
10	64QAM	50	0	19.39	19.33	19.30			
Channel				42115	42590	43065	20	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.57	19.52	19.28			
5	QPSK	1	12	19.27	19.36	19.36	20	0	
5	QPSK	1	24	19.13	19.15	19.19			
5	QPSK	12	0	19.41	19.41	19.10	20	0	
5	QPSK	12	7	19.37	19.15	19.15			
5	QPSK	12	13	19.29	19.25	18.96			
5	QPSK	25	0	19.37	19.70	19.26	20	0	
5	16QAM	1	0	19.51	19.57	19.25			
5	16QAM	1	12	19.28	19.35	19.39			
5	16QAM	1	24	19.13	19.13	19.13	20	0	
5	16QAM	12	0	19.55	19.52	19.25			
5	16QAM	12	7	19.24	19.39	19.39			
5	16QAM	12	13	19.14	19.23	19.09	20	0	
5	16QAM	25	0	19.16	19.35	19.16			
5	64QAM	1	0	19.27	19.22	19.18			
5	64QAM	1	12	19.38	19.49	19.33	20	0	
5	64QAM	1	24	19.49	19.36	19.29			
5	64QAM	12	0	19.16	19.33	19.05			
5	64QAM	12	7	19.36	19.55	19.26	20	0	
5	64QAM	12	13	19.42	19.32	19.19			
5	64QAM	25	0	19.37	19.32	19.20			

Band 42_Ant13 DSI 1&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	18.5	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	17.91	18.26	18.16			
20	QPSK	1	49	17.84	18.13	18.16	18.5	0	
20	QPSK	1	99	17.79	18.00	18.23			
20	QPSK	50	0	17.92	18.17	18.08			
20	QPSK	50	24	17.93	18.13	18.14	18.5	0	
20	QPSK	50	50	17.83	18.02	18.10			
20	QPSK	100	0	17.77	18.10	18.02			
20	16QAM	1	0	17.75	18.11	18.14	18.5	0	
20	16QAM	1	49	17.80	18.01	18.03			
20	16QAM	1	99	17.86	18.19	18.19			
20	16QAM	50	0	17.85	18.07	18.12	18.5	0	
20	16QAM	50	24	17.83	18.14	18.17			
20	16QAM	50	50	17.92	18.20	18.03			
20	16QAM	100	0	17.87	18.07	18.22	18.5	0	
20	64QAM	1	0	17.81	18.14	18.16			
20	64QAM	1	49	17.79	18.04	18.19			
20	64QAM	1	99	17.81	18.08	18.17	18.5	0	
20	64QAM	50	0	17.78	17.97	18.21			
20	64QAM	50	24	17.78	18.25	18.15			
20	64QAM	50	50	17.89	18.01	18.19	18.5	0	
20	64QAM	100	0	17.76	18.05	18.14			
Channel				42165	42590	43015	18.5	0	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	17.67	18.09	17.87			
15	QPSK	1	37	17.66	17.97	17.94	18.5	0	
15	QPSK	1	74	17.61	17.75	18.04			
15	QPSK	36	0	17.69	17.90	17.97			
15	QPSK	36	20	17.81	17.97	17.86	18.5	0	
15	QPSK	36	39	17.54	17.76	17.85			
15	QPSK	75	0	17.48	17.92	17.74			
15	16QAM	1	0	17.83	18.00	17.87	18.5	0	
15	16QAM	1	37	17.73	17.91	17.83			
15	16QAM	1	74	17.57	17.76	17.80			
15	16QAM	36	0	17.69	17.81	18.02	18.5	0	
15	16QAM	36	20	17.55	17.95	18.02			
15	16QAM	36	39	17.78	17.93	17.93			
15	16QAM	75	0	17.57	17.94	17.92	18.5	0	
15	64QAM	1	0	17.66	18.06	17.80			
15	64QAM	1	37	17.62	17.98	17.94			
15	64QAM	1	74	17.67	17.87	17.94	18.5	0	
15	64QAM	36	0	17.81	18.08	17.87			
15	64QAM	36	20	17.85	18.01	18.02			
15	64QAM	36	39	17.73	17.82	17.80	18.5	0	
15	64QAM	75	0	17.54	17.82	17.88			
Channel				42140	42590	43040	18.5	0	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	17.63	18.04	17.98			
10	QPSK	1	25	17.78	17.98	17.92	18.5	0	
10	QPSK	1	49	17.55	17.76	17.82			
10	QPSK	25	0	17.74	18.07	17.91			
10	QPSK	25	12	17.66	18.04	18.03	18.5	0	
10	QPSK	25	25	17.66	17.72	17.79			
10	QPSK	50	0	17.50	17.85	17.85			
10	16QAM	1	0	17.68	17.95	17.88	18.5	0	
10	16QAM	1	25	17.81	17.87	17.86			
10	16QAM	1	49	17.68	17.93	17.95			
10	16QAM	25	0	17.62	17.82	17.98	18.5	0	
10	16QAM	25	12	17.58	17.93	17.94			
10	16QAM	25	25	17.76	17.89	17.78			
10	16QAM	50	0	17.75	17.90	17.92	18.5	0	
10	64QAM	1	0	17.71	17.85	17.96			
10	64QAM	1	25	17.68	17.76	17.93			
10	64QAM	1	49	17.57	17.79	17.97	18.5	0	
10	64QAM	25	0	17.74	17.98	17.85			
10	64QAM	25	12	17.75	18.05	17.97			
10	64QAM	25	25	17.83	17.83	17.90	18.5	0	
10	64QAM	50	0	17.55	17.79	18.00			
Channel				42115	42590	43065	18.5	0	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	17.61	17.88	17.88			
5	QPSK	1	12	17.84	17.85	18.03	18.5	0	
5	QPSK	1	24	17.65	17.93	17.92			
5	QPSK	12	0	17.77	18.07	17.89			
5	QPSK	12	7	17.62	17.88	17.97	18.5	0	
5	QPSK	12	13	17.63	17.90	18.02			
5	QPSK	25	0	17.65	17.88	17.82			
5	16QAM	1	0	17.45	17.93	17.92	18.5	0	
5	16QAM	1	12	17.50	17.72	17.76			
5	16QAM	1	24	17.75	17.89	17.95			
5	16QAM	12	0	17.60	17.99	17.96	18.5	0	
5	16QAM	12	7	17.62	17.91	18.07			
5	16QAM	12	13	17.77	17.99	17.92			
5	16QAM	25	0	17.64	17.98	17.86	18.5	0	
5	64QAM	1	0	17.51	17.83	17.88			
5	64QAM	1	12	17.64	17.95	18.00			
5	64QAM	1	24	17.65	17.79	17.91	18.5	0	
5	64QAM	12	0	17.69	17.90	17.89			
5	64QAM	12	7	17.63	18.02	17.94			
5	64QAM	12	13	17.61	17.86	17.87	18.5	0	
5	64QAM	25	0	17.55	17.76	17.97			

Band 42_Ant13 DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				42190	42590	42990	20.5	0	
Frequency (MHz)				3460	3500	3540			
20	QPSK	1	0	19.83	20.23	20.15	20.5	0	
20	QPSK	1	49	19.75	20.09	20.12			
20	QPSK	1	99	19.73	19.97	20.20			
20	QPSK	50	0	19.79	20.15	20.08	20.5	0	
20	QPSK	50	24	19.77	20.03	20.11			
20	QPSK	50	50	19.82	19.97	20.07			
20	QPSK	100	0	19.87	20.12	20.10	20.5	0	
20	16QAM	1	0	19.84	20.14	20.11			
20	16QAM	1	49	19.77	20.09	20.11			
20	16QAM	1	99	19.73	20.07	20.14	20.5	0	
20	16QAM	50	0	19.73	20.07	20.11			
20	16QAM	50	24	19.73	20.02	20.11			
20	16QAM	50	50	19.93	20.11	20.00	20.5	0	
20	16QAM	100	0	19.87	20.17	20.15			
20	64QAM	1	0	19.79	20.11	20.01			
20	64QAM	1	49	19.87	20.14	20.06	20.5	0	
20	64QAM	1	99	19.68	20.13	20.18			
20	64QAM	50	0	19.83	20.08	20.13			
20	64QAM	50	24	19.82	20.19	20.14	20.5	0	
20	64QAM	50	50	19.79	20.18	20.05			
20	64QAM	100	0	19.77	19.99	20.09			
Channel				42165	42590	43015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500	3542.5			
15	QPSK	1	0	19.62	19.97	19.97	20.5	0	
15	QPSK	1	37	19.53	19.90	19.98			
15	QPSK	1	74	19.48	19.67	19.97			
15	QPSK	36	0	19.70	19.99	19.97	20.5	0	
15	QPSK	36	20	19.55	19.81	19.86			
15	QPSK	36	39	19.67	19.83	19.81			
15	QPSK	75	0	19.73	20.03	19.96	20.5	0	
15	16QAM	1	0	19.55	19.87	19.99			
15	16QAM	1	37	19.69	19.79	20.02			
15	16QAM	1	74	19.60	19.98	19.88	20.5	0	
15	16QAM	36	0	19.52	19.90	19.97			
15	16QAM	36	20	19.53	19.81	19.88			
15	16QAM	36	39	19.75	19.89	19.83	20.5	0	
15	16QAM	75	0	19.77	20.07	19.97			
15	64QAM	1	0	19.75	19.97	20.00			
15	64QAM	1	37	19.63	19.95	19.94	20.5	0	
15	64QAM	1	74	19.65	19.80	20.09			
15	64QAM	36	0	19.67	19.96	19.98			
15	64QAM	36	20	19.64	20.09	19.90	20.5	0	
15	64QAM	36	39	19.68	20.07	19.89			
15	64QAM	75	0	19.59	19.83	19.89			
Channel				42140	42590	43040	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3455	3500	3545			
10	QPSK	1	0	19.54	19.92	19.83	20.5	0	
10	QPSK	1	25	19.58	19.80	19.90			
10	QPSK	1	49	19.57	19.68	19.91			
10	QPSK	25	0	19.63	20.02	19.93	20.5	0	
10	QPSK	25	12	19.60	19.91	19.95			
10	QPSK	25	25	19.54	19.66	19.90			
10	QPSK	50	0	19.68	19.81	19.94	20.5	0	
10	16QAM	1	0	19.70	19.97	19.88			
10	16QAM	1	25	19.54	19.82	19.93			
10	16QAM	1	49	19.58	19.73	19.99	20.5	0	
10	16QAM	25	0	19.65	19.88	19.79			
10	16QAM	25	12	19.62	19.78	19.89			
10	16QAM	25	25	19.65	19.79	19.74	20.5	0	
10	16QAM	50	0	19.73	19.90	19.97			
10	64QAM	1	0	19.71	20.05	19.91			
10	64QAM	1	25	19.56	19.92	19.95	20.5	0	
10	64QAM	1	49	19.65	19.70	20.05			
10	64QAM	25	0	19.72	19.98	19.93			
10	64QAM	25	12	19.60	19.80	19.91	20.5	0	
10	64QAM	25	25	19.51	19.86	19.96			
10	64QAM	50	0	19.53	19.83	19.83			
Channel				42115	42590	43065	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3452.5	3500	3547.5			
5	QPSK	1	0	19.62	20.06	19.90	20.5	0	
5	QPSK	1	12	19.63	19.93	19.91			
5	QPSK	1	24	19.58	19.73	20.01			
5	QPSK	12	0	19.61	19.84	19.91	20.5	0	
5	QPSK	12	7	19.66	19.84	19.97			
5	QPSK	12	13	19.66	19.88	19.88			
5	QPSK	25	0	19.58	19.98	19.93	20.5	0	
5	16QAM	1	0	19.51	19.99	20.00			
5	16QAM	1	12	19.59	19.87	19.82			
5	16QAM	1	24	19.53	19.68	20.00	20.5	0	
5	16QAM	12	0	19.60	19.94	19.80			
5	16QAM	12	7	19.60	19.86	19.83			
5	16QAM	12	13	19.77	19.80	19.83	20.5	0	
5	16QAM	25	0	19.59	19.99	19.92			
5	64QAM	1	0	19.60	19.94	19.86			
5	64QAM	1	12	19.55	20.00	19.98	20.5	0	
5	64QAM	1	24	19.63	19.71	19.90			
5	64QAM	12	0	19.55	19.90	19.86			
5	64QAM	12	7	19.60	19.91	19.90	20.5	0	
5	64QAM	12	13	19.58	19.96	19.79			
5	64QAM	25	0	19.49	19.88	19.90			

Uplink CA Power

Ant 3 Full Power DS144

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	24.66	25.50	
21100	21296	QPSK	0	0	1	99	24.73	25.50	
21350	21152	QPSK	0	0	1	99	24.61	25.50	
20850	21048	QPSK	50	0	1	49	24.66	25.50	
21100	21296	QPSK	50	0	1	49	24.73	25.50	
21350	21152	QPSK	50	0	1	49	24.61	25.50	

Ant 4 Full Power DS14

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	22.98	23.50	
21100	21296	QPSK	1	0	1	99	23.08	23.50	
21350	21152	QPSK	1	0	1	99	22.91	23.50	

Ant 5 Full Power DS14

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	23.12	23.50	
21100	21296	QPSK	1	0	1	99	23.03	23.50	
21350	21152	QPSK	1	0	1	99	22.98	23.50	

Ant 6 Full Power Full

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	23.68	24.00	
21100	21296	QPSK	1	0	1	99	23.72	24.00	
21350	21152	QPSK	1	0	1	99	23.70	24.00	

Ant 2 Down Power DS13

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	20.03	21.00	
21100	21296	QPSK	0	0	1	99	20.18	21.00	
21350	21152	QPSK	0	0	1	99	20.15	21.00	
20850	21048	QPSK	50	0	1	49	20.01	21.00	
21100	21296	QPSK	50	0	1	49	20.90	21.00	
21350	21152	QPSK	50	0	1	49	20.12	21.00	

Ant 2 Down Power DS15

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	21.73	22.50	
21100	21296	QPSK	0	0	1	99	21.80	22.50	
21350	21152	QPSK	0	0	1	99	21.71	22.50	
20850	21048	QPSK	50	0	1	49	21.68	22.50	
21100	21296	QPSK	50	0	1	49	21.76	22.50	
21350	21152	QPSK	50	0	1	49	21.75	22.50	

Ant 4 Down Power DS14.5

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	15.28	15.50	
21100	21296	QPSK	1	0	1	99	15.33	15.50	
21350	21152	QPSK	1	0	1	99	15.35	15.50	
20850	21048	QPSK	50	0	1	49	15.27	15.50	
21100	21296	QPSK	50	0	1	49	15.32	15.50	
21350	21152	QPSK	50	0	1	49	15.34	15.50	

Ant 3 Down Power DS13

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	21.28	21.50	
21100	21296	QPSK	1	0	1	99	21.23	21.50	
21350	21152	QPSK	1	0	1	99	21.29	21.50	
20850	21048	QPSK	50	0	1	49	21.22	21.50	
21100	21296	QPSK	50	0	1	49	21.20	21.50	
21350	21152	QPSK	50	0	1	49	21.18	21.50	

Ant 5 Down Power DS14.5

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	12.77	13.00	
21100	21296	QPSK	1	0	1	99	12.65	13.00	
21350	21152	QPSK	1	0	1	99	12.71	13.00	
20850	21048	QPSK	50	0	1	49	12.72	13.00	
21100	21296	QPSK	50	0	1	49	12.61	13.00	
21350	21152	QPSK	50	0	1	49	12.69	13.00	

Ant 5 Down Power DS13

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	18.15	18.50	
21100	21296	QPSK	1	0	1	99	18.17	18.50	
21350	21152	QPSK	1	0	1	99	18.11	18.50	
20850	21048	QPSK	50	0	1	49	18.10	18.50	
21100	21296	QPSK	50	0	1	49	18.13	18.50	
21350	21152	QPSK	50	0	1	49	18.10	18.50	

Ant 8 Down Power DS14.5

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	13.82	14.00	
21100	21296	QPSK	1	0	1	99	13.85	14.00	
21350	21152	QPSK	1	0	1	99	13.79	14.00	
20850	21048	QPSK	50	0	1	49	13.79	14.00	
21100	21296	QPSK	50	0	1	49	13.82	14.00	
21350	21152	QPSK	50	0	1	49	13.78	14.00	

Ant 8 Down Power DS14

CA_7c									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
20850	21048	QPSK	0	0	1	99	19.71	20.00	
21100	21296	QPSK	1	0	1	99	19.64	20.00	
21350	21152	QPSK	1	0	1	99	19.68	20.00	
20850	21048	QPSK	50	0	1	49	19.68	20.00	
21100	21296	QPSK	50	0	1	49	19.63	20.00	
21350	21152	QPSK	50	0	1	49	19.62	20.00	

Ant 2 Full Power DS14.4

CA_38C									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
37850	38048	QPSK	0	0	1	99	24.63	25.50	
38000	38198	QPSK	1	0	1	99	24.51	25.50	
38150	37952	QPSK	1	0	1	99	24.63	25.50	

Ant 4 Full Power DS14

CA_38C									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
37850	38048	QPSK	0	0	1	99	22.57	23.50	
38000	38198	QPSK	1	0	1	99	23.37	23.50	
38150	37952	QPSK	1	0	1	99	22.73	23.50	

Ant 5 Full Power DS14

CA_38C									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC RB Size	SCC RB Size	Modulation	PCC RB Size	SCC RB Size	Measured Power (dBm)	Turn up Power (dBm)
37850	38048	QPSK	0	0	1	99	23.12	23.50	
38000	38198	QPSK	1	0	1	99	23.34	23.50	
38150	37952	QPSK	1	0	1	99	23.04	23.50	

Ant 6 Full Power Full

CA_38C									
Combination 20MHz+20MHz (1RB+100RB)									
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Turn up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset			
37850	38048	QPSK	0	0	1	99	23.57	24.50	
38000	38198	QPSK	1	0	1	99	23.32	24.50	
38150	37952	QPSK	1	0	1	99	23.87	24.50	

Downlink CA Power

2CA DL

Configure	PCC								SCC				Power	
	LTE	Ant	BW (MHz)	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	With CA	Without CA
	Band			Freq.	Channel		RB	RB	Band	(MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)	
				(MHz)				Offset						Freq. (MHz)
CA_7A-42A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	24.57	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	23.22	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	23.24	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 42	20M	3500	42590	23.87	23.88
	Band 42	6	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	23.65	23.88
	Band 42	11	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	23.54	23.70
	Band 42	12	20M	3500	42590	QPSK	1	0	Band 7	20M	2535	21100	24.56	24.69
	Band 42	13	20M	3540	42990	QPSK	1	0	Band 7	20M	2535	21100	25.07	25.19
CA_2C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 2	20M	1899.8	19098	24.54	24.67
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 2	20M	1899.8	19098	24.10	24.33
CA_2A-66A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	24.56	24.67
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 66	20M	2155	66886	24.23	24.33
CA_38C	Band 38	2	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	24.54	24.69
	Band 38	4	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	23.17	23.23
	Band 38	5	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	23.20	23.33
	Band 38	8	20M	2595	37901	QPSK	1	0	Band 38	20M	2614.8	38099	24.05	24.27
CA_41C	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	24.61	24.79
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	23.18	23.20
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	23.12	23.24
	Band 41	8	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	24.11	24.30
CA_41A-41A	Band 41	2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.60	24.79
	Band 41	4	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.17	23.20
	Band 41	5	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.10	23.24
	Band 41	8	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.17	24.30

3CA DL

Configure	PCC								SCC1				SCC2				Power	
	LTE	Ant	BW	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band		(MHz)	Freq.	Channel		RB	RB Offset	Band	(MHz)	Freq.	Channel	Band	(MHz)	Freq.	Channel	Tx. Power (dBm)	Tx. Power (dBm)
			(MHz)	(MHz)							(MHz)							
CA_2A-4A-5A	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	24.56	24.67
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 5	10M	881.5	2525	24.22	24.33
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	24.46	24.58
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	23.37	23.55
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	23.46	23.68
	Band 4	8	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	Band 2	20M	1960	900	24.15	24.37
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.57	23.68
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	Band 4	20M	2132.5	2175	23.55	23.56
CA_5A-7A-7A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.54	23.68
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	23.47	23.56
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	24.68	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.16	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.12	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.75	23.88
	Band 2	2	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.56	24.67
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.32	24.33
CA_2A-7A-7A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	24.63	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.11	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.13	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 2	20M	1960	900	23.74	23.88
	Band 12	1	10M	704	23060	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.52	24.53
	Band 12	3	10M	704	23060	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.42	24.45
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	24.72	24.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	23.37	23.52
CA_12-66A-66A	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	22.58	22.63
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 12	10M	737.5	5095	23.41	23.55

4CA DL

Configure	PCC							SCC1					SCC2				SCC3				Power	
	LTE	Ant	BW (MHz)	UL	UL	Mod.	UL#	UL	LTE	BW	DL	DL	LTE	BW	DL	DL	LTE	BW	DL	DL	With CA	Without CA
	Band			Freq. (MHz)	Channel		RB	RB Offset	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-4A-7C	Band 2	2	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.61	24.67
	Band 2	8	20M	1880	18900	QPSK	1	0	Band 4	20M	2132.5	2175	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.22	24.33
	Band 4	2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	24.39	24.58
	Band 4	4	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	23.43	23.55
	Band 4	5	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	23.56	23.68
	Band 4	8	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	24.29	24.37
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	24.66	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	23.15	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	23.13	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 2	20M	1880	900	Band 4	20M	2132.5	2175	23.73	23.88
CA_5A-7A-66A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.64	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.19	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.16	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.75	23.88
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	23.59	23.68
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	23.44	23.56
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	24.73	24.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.37	23.52
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	22.49	22.63
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	23.43	23.55
CA_7C-66A-66A	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	24.69	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.12	23.27
	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.15	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 66	20M	2155	66886	Band 66	5M	2197.5	67311	23.73	23.88
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.75	24.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.37	23.52
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.50	22.63
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 66	5M	2197.5	67311	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.43	23.55
	Band 7	2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	24.64	24.78
	Band 7	4	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	23.14	23.27
CA_5A-7C-66A	Band 7	5	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	23.15	23.26
	Band 7	8	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	Band 66	20M	2155	66886	23.72	23.88
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.54	23.68
	Band 5	3	10M	836.5	20525	QPSK	1	0	Band 66	20M	2155	66886	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.45	23.56
	Band 66	2	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.75	24.88
	Band 66	4	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.37	23.52
	Band 66	5	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	22.51	22.63
	Band 66	8	20M	1745	132322	QPSK	1	0	Band 5	10M	881.5	2525	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	23.43	23.55

Full Power level/Default Power level for 5G NR

n5 Ant1_DSI1&4									
BW [MHz]	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	25.5	0.0	
Frequency (MHz)				834	836.5	839			
20	Pl/2 BPSK	1	1	24.45	24.54	24.55			
20	Pl/2 BPSK	1	53	24.50	24.57	24.46	25.0	0.5	
20	Pl/2 BPSK	1	104	24.56	24.56	24.36			
20	Pl/2 BPSK	50	0	23.91	24.14	23.97			
20	Pl/2 BPSK	50	28	24.54	24.51	24.49	25.0	0.5	
20	Pl/2 BPSK	50	56	24.03	24.03	23.97			
20	Pl/2 BPSK	100	0	23.91	24.09	23.93			
20	QPSK	1	1	24.57	24.52	24.56	25.5	0.0	
20	QPSK	1	53	24.56	24.58	24.50			
20	QPSK	1	104	24.53	24.55	24.51			
20	QPSK	50	0	23.44	23.50	23.46	24.5	1.0	
20	QPSK	50	28	24.43	24.51	24.48			
20	QPSK	50	56	23.43	23.46	23.42			
20	QPSK	100	0	23.52	23.55	23.49	24.5	1.0	
20	16QAM	1	1	23.53	23.52	23.57			
20	64QAM	1	1	22.12	22.11	22.17			
20	256QAM	1	1	20.09	20.04	20.03	21.0	4.5	
Channel				166300	167300	168300			
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	40	24.52	24.53	24.52	25.5	0.0	
Channel				165800	167300	168800			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	26	24.52	24.54	24.52	25.5	0.0	
Channel				165300	167300	169300			
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	13	24.46	24.55	24.57	25.5	0.0	
Channel				826.5	836.5	846.5			
Frequency (MHz)				24.46	24.55	24.57			

n7 Ant2_DSI 1&4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBn)	MPR (dB)	
Channel				504000	507000	510000	24.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	24.25	24.33	24.22	24.5	0.0	
40	PI/2 BPSK	1	108	24.29	24.41	24.33			
40	PI/2 BPSK	1	214	24.40	24.41	24.36			
40	PI/2 BPSK	108	0	23.68	23.94	23.49	24.0	0.5	
40	PI/2 BPSK	108	54	24.36	24.40	24.33	24.5	0.0	
40	PI/2 BPSK	108	108	23.61	23.92	23.89	24.0	0.5	
40	PI/2 BPSK	216	0	23.75	23.69	23.68			
40	QPSK	1	1	24.41	24.37	24.40	24.5	0.0	
40	QPSK	1	108	24.40	24.42	24.41			
40	QPSK	1	214	24.27	24.40	24.33			
40	QPSK	108	0	22.39	23.46	23.25	23.5	1.0	
40	QPSK	108	54	23.47	24.41	23.42	24.5	0.0	
40	QPSK	108	108	23.34	23.46	23.38	23.5	1.0	
40	QPSK	216	0	23.31	23.43	23.35			
40	16QAM	1	1	23.42	23.43	23.46	23.5	1.0	
40	64QAM	1	1	21.68	21.62	21.75	22.0	2.5	
40	256QAM	1	1	19.83	19.63	19.87	20.0	4.5	
Channel				503000	507000	511000	Tune-up limit (dBn)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	24.5	0.0	
30	PI/2 BPSK	1	1	24.40	24.30	23.30	24.5	0.0	
Channel				502500	507000	511500			
Frequency (MHz)				2512.5	2535	2557.5	Tune-up limit (dBn)	MPR (dB)	
25	PI/2 BPSK	1	1	24.41	24.30	24.30	24.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBn)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	24.5	0.0	
20	QPSK	1	1	24.33	24.35	24.30	24.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBn)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	24.5	0.0	
15	PI/2 BPSK	1	1	24.37	24.35	24.35	24.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBn)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	24.5	0.0	
10	PI/2 BPSK	1	1	24.40	24.41	24.38	24.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBn)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	24.5	0.0	
5	PI/2 BPSK	1	1	24.36	24.37	24.35	24.5	0.0	

n66 Ant2_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				348000	349000	352000	24.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	24.40	24.44	24.38	24.5	0.0	
40	PI/2 BPSK	1	108	24.38	24.40	24.32			
40	PI/2 BPSK	1	214	24.32	24.33	24.35			
40	PI/2 BPSK	108	0	23.92	23.92	23.94	24.0	0.5	
40	PI/2 BPSK	108	54	24.43	24.45	24.41	24.5	0.0	
40	PI/2 BPSK	108	108	23.91	23.92	23.97	24.0	0.5	
40	PI/2 BPSK	216	0	23.97	23.90	23.92			
40	QPSK	1	1	24.43	24.42	24.45	24.5	0.0	
40	QPSK	1	108	24.42	24.47	24.44			
40	QPSK	1	214	24.40	24.42	24.38			
40	QPSK	108	0	23.45	23.46	23.43	23.5	1.0	
40	QPSK	108	54	24.37	24.42	24.31	24.5	0.0	
40	QPSK	108	108	23.28	23.46	23.35	23.5	1.0	
40	QPSK	216	0	23.35	23.40	23.39			
40	16QAM	1	1	23.42	23.41	23.43	23.5	1.0	
40	64QAM	1	1	21.63	21.88	21.81	22.0	2.5	
40	256QAM	1	1	19.67	19.73	19.58	20.0	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	24.5	0.0	
30	PI/2 BPSK	1	1	24.46	24.45	24.43	24.5	0.0	
Channel				344000	349000	354000			
Frequency (MHz)				1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	24.42	24.43	24.41	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	24.5	0.0	
15	PI/2 BPSK	1	1	24.42	24.45	24.43	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	24.5	0.0	
10	PI/2 BPSK	1	1	24.43	24.45	24.44	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	24.5	0.0	
5	PI/2 BPSK	1	1	24.43	24.42	24.42	24.5	0.0	

n38 Ant2_DSI1&4									
BW [MHz]	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	24.19	24.17	24.19	25.0	0.0	
40	PI/2 BPSK	1	53	24.12	24.18	24.22			
40	PI/2 BPSK	1	104	24.22	24.18	24.19			
40	PI/2 BPSK	50	0	23.69	23.71	23.69	24.5	0.5	
40	PI/2 BPSK	50	28	24.19	24.17	24.19	25.0	0.0	
40	PI/2 BPSK	50	56	23.61	23.61	23.59	24.5	0.5	
40	PI/2 BPSK	100	0	23.58	23.60	23.62			
40	QPSK	1	1	24.21	24.21	24.22			
40	QPSK	1	53	24.21	24.23	24.19	25.0	0.0	
40	QPSK	1	104	24.19	24.20	24.21			
40	QPSK	50	0	24.16	23.20	23.20			
40	QPSK	50	28	24.16	24.19	24.17	25.0	0.0	
40	QPSK	50	56	23.30	23.27	23.28	24.0	1.0	
40	QPSK	100	0	23.23	23.25	23.24			
40	16QAM	1	1	23.28	23.25	23.23	24.0	1.0	
40	64QAM	1	1	21.77	21.76	21.83	22.5	2.5	
40	256QAM	1	1	19.68	19.69	19.70	20.5	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	1	24.30	24.28	24.25	25.0	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	1	24.28	24.29	24.28	25.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	1	24.30	24.31	24.30	25.0	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	1	24.30	24.32	24.30	25.0	0.0	

n41 Ant2_DSI1&4									
BW [MHz]	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	24.25	24.25	24.22	25.0	0.0	
100	PI/2 BPSK	1	137	24.28	24.34	24.31			
100	PI/2 BPSK	1	271	24.24	24.27	24.24			
100	PI/2 BPSK	135	0	23.67	23.71	23.72			
100	PI/2 BPSK	135	69	24.28	24.24	23.25	25.0	0.0	
100	PI/2 BPSK	135	138	23.74	23.66	23.72	24.5	0.5	
100	PI/2 BPSK	270	0	23.65	23.67	23.71			
100	QPSK	1	1	24.31	24.33	24.32			
100	QPSK	1	137	24.32	24.35	24.24	25.0	0.0	
100	QPSK	1	271	24.27	24.31	24.27			
100	QPSK	135	0	23.26	23.30	23.43			
100	QPSK	135	69	24.21	24.23	24.22	25.0	0.0	
100	QPSK	135	138	23.15	23.26	23.17	24.0	1.0	
100	QPSK	270	0	23.22	23.32	23.22			
100	16QAM	1	1	23.27	23.25	23.28	24.0	1.0	
100	64QAM	1	1	21.66	21.63	21.69	22.5	2.5	
100	256QAM	1	1	19.66	19.73	19.78	20.5	4.5	
Channel				508200	518598	528098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2641	2592.99	2644.98			
90	QPSK	1	1	24.32	24.25	24.26	25.0	0.0	
Channel				507204	518598	528098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2636.02	2592.99	2640.99			
80	QPSK	1	1	24.28	24.23	24.23	25.0	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2626	2592.99	2650.98			
60	QPSK	1	1	24.25	24.24	24.28	25.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2592.99	2664.99			
50	QPSK	1	1	24.24	24.27	24.22	25.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2616.01	2592.99	2670			
40	QPSK	1	1	24.24	24.28	24.22	25.0	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2611	2592.99	2674.98			
30	QPSK	1	1	24.27	24.28	24.26	25.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2606.02	2592.99	2670.99			
20	QPSK	1	1	24.28	24.29	24.27	25.0	0.0	

n5_Ant3 Full								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800		
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	24.44	24.50	24.36	25.0	0.0
20	PI/2 BPSK	1	53	24.50	24.52	24.41		
20	PI/2 BPSK	1	104	24.52	24.50	24.53		
20	PI/2 BPSK	50	0	23.91	23.99	23.95		
20	PI/2 BPSK	50	28	24.46	24.52	24.40	25.0	0.0
20	PI/2 BPSK	50	56	23.93	23.92	23.94	24.5	0.5
20	PI/2 BPSK	100	0	23.91	23.98	23.95		
20	QPSK	1	1	24.50	24.54	24.50	25.0	0.0
20	QPSK	1	53	24.42	24.55	24.44		
20	QPSK	1	104	24.42	24.46	24.50		
20	QPSK	50	0	23.24	23.43	23.31		
20	QPSK	50	28	24.51	24.52	24.51	24.0	1.0
20	QPSK	50	56	23.52	23.51	23.56	25.0	0.0
20	QPSK	100	0	23.40	23.54	23.51	24.0	1.0
20	16QAM	1	1	23.49	23.54	23.58	24.0	1.0
20	64QAM	1	1	21.92	22.01	21.96	22.5	2.5
20	256QAM	1	1	19.92	19.99	19.89	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	24.47	24.52	24.48		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	26	24.49	24.51	24.53		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	13	24.53	24.49	24.51		

n7 Ant 4_DSI4

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBn)	MPR (dB)
Channel				504000	507000	510000		
Frequency (MHz)				2520	2535	2550		
40	PI/2 BPSK	1	1	25.32	25.35	25.31	25.5	0.0
40	PI/2 BPSK	1	108	25.35	25.37	25.33		
40	PI/2 BPSK	1	214	25.36	25.36	25.32		
40	PI/2 BPSK	108	0	24.80	24.63	24.81		
40	PI/2 BPSK	108	54	25.35	25.32	25.35	25.5	0.0
40	PI/2 BPSK	108	108	24.81	24.63	24.82	25.0	0.5
40	PI/2 BPSK	216	0	24.79	24.62	24.80		
40	QPSK	1	1	25.37	25.34	25.29	25.5	0.0
40	QPSK	1	108	25.37	25.39	25.38		
40	QPSK	1	214	25.29	25.32	25.30		
40	QPSK	108	0	24.29	24.33	24.30		
40	QPSK	108	54	25.33	25.36	25.34	25.5	0.0
40	QPSK	108	108	24.32	24.32	24.31	24.5	1.0
40	QPSK	216	0	24.31	24.33	24.31		
40	16QAM	1	1	24.34	24.37	24.34	24.5	1.0
40	64QAM	1	1	22.80	22.76	22.81	23.0	2.5
40	256QAM	1	1	20.61	20.63	20.60	21.0	4.5
Channel				503000	507000	511000	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2515	2535	2555		
30	QPSK	1	80	25.36	25.31	25.32	25.5	0.0
Channel				502000	507000	511500	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2512.5	2535	2557.5		
25	QPSK	1	67	25.34	25.35	25.33	25.5	0.0
Channel				502000	507000	512000	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	53	25.35	25.34	25.31	25.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	40	25.37	25.35	25.38	25.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	26	25.32	25.32	25.35	25.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBn)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	13	25.35	25.36	25.32	25.5	0.0

n66 Ant 4_Full

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				348000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	23.33	23.31	23.32	24.0	0.0
40	PI/2 BPSK	1	108	23.28	23.32	23.30		
40	PI/2 BPSK	1	214	23.30	23.32	23.32		
40	PI/2 BPSK	108	0	22.79	22.82	22.80		
40	PI/2 BPSK	108	54	23.29	23.32	23.30	24.0	0.0
40	PI/2 BPSK	108	108	22.79	22.83	22.85	23.5	0.5
40	PI/2 BPSK	216	0	22.82	22.84	22.81		
40	QPSK	1	1	23.32	23.30	23.31	24.0	0.0
40	QPSK	1	108	23.30	23.34	23.32		
40	QPSK	1	214	23.30	23.31	23.32		
40	QPSK	108	0	22.30	22.35	22.31		
40	QPSK	108	54	23.31	23.32	23.30	23.0	1.0
40	QPSK	108	108	22.34	22.33	22.32	23.0	1.0
40	QPSK	216	0	22.28	22.31	22.29		
40	16QAM	1	1	22.35	22.30	22.34	23.0	1.0
40	64QAM	1	1	20.86	20.83	20.87	21.5	2.5
40	256QAM	1	1	18.87	18.82	18.89	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	80	23.30	23.32	23.31	24.0	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
20	QPSK	1	53	23.31	23.29	23.33	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	23.29	23.28	23.28	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	26	23.25	23.27	23.28	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	23.28	23.28	23.27	24.0	0.0

n38 Ant 4_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				516004	519000	519996	25.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	24.77	24.80	24.76	25.5	0.0	
40	PI/2 BPSK	1	53	24.74	24.78	24.75			
40	PI/2 BPSK	1	104	24.80	24.81	24.79			
40	PI/2 BPSK	50	0	24.32	24.35	24.33	25.0	0.5	
40	PI/2 BPSK	50	28	24.74	24.77	24.75	25.5	0.0	
40	PI/2 BPSK	50	56	24.27	24.31	24.28	25.0	0.5	
40	PI/2 BPSK	100	0	24.25	24.28	24.26			
40	QPSK	1	1	24.68	24.85	24.86	25.5	0.0	
40	QPSK	1	53	24.63	24.90	24.87			
40	QPSK	1	104	24.66	24.87	24.87			
40	QPSK	50	0	23.90	23.94	23.92	24.5	1.0	
40	QPSK	50	28	24.85	24.87	24.86	25.5	0.0	
40	QPSK	50	56	23.77	23.80	23.76	24.5	1.0	
40	QPSK	100	0	23.67	23.69	23.66			
40	16QAM	1	1	23.91	23.87	23.90	24.5	1.0	
40	64QAM	1	1	22.36	22.41	22.38	23.0	2.5	
40	256QAM	1	1	20.30	20.34	20.32	21.0	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2635.01	2595	2604.99			
30	QPSK	1	39	24.87	24.86	24.85	25.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	24.81	24.84	24.83	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	24.85	24.84	24.85	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	24.51	24.82	24.63	25.5	0.0	

n41 Ant 4_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				509202	518598	528000	25.5	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	s	24.88	24.95	25.5	0.0	
100	PI/2 BPSK	1	137	24.83	24.87	24.85			
100	PI/2 BPSK	1	271	24.87	24.89	24.85			
100	PI/2 BPSK	135	0	24.23	24.25	24.22	25.0	0.5	
100	PI/2 BPSK	135	69	24.86	24.88	24.85	25.5	0.0	
100	PI/2 BPSK	135	138	24.27	24.31	24.29	25.0	0.5	
100	PI/2 BPSK	270	0	24.36	24.39	24.35			
100	QPSK	1	1	24.93	24.95	24.91	25.5	0.0	
100	QPSK	1	137	24.95	24.98	24.91			
100	QPSK	1	271	24.96	24.94	24.97			
100	QPSK	135	0	23.85	23.90	23.88	24.5	1.0	
100	QPSK	135	69	24.81	24.84	24.82	25.5	0.0	
100	QPSK	135	138	23.94	23.96	23.93	24.5	1.0	
100	QPSK	270	0	23.81	23.85	23.83			
100	16QAM	1	1	23.93	23.94	23.92	24.5	1.0	
100	64QAM	1	1	22.30	22.35	22.34	23.0	2.5	
100	256QAM	1	1	20.31	20.36	20.33	21.0	4.5	
Channel				509200	518598	528098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	24.87	24.81	24.85	25.5	0.0	
Channel				507204	518598	529098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	109	24.83	24.84	24.86	25.5	0.0	
Channel				505200	518598	531098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2650.98			
60	QPSK	1	81	24.87	24.85	24.84	25.5	0.0	
Channel				504204	518598	532098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	67	24.83	24.86	24.84	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	24.83	24.89	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	24.82	24.85	24.81	25.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2678.99			
20	QPSK	1	26	24.78	24.81	24.79	25.5	0.0	

n7 Ant 5_Full									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	25.02	25.05	24.99	25.5	0.0	
40	PI/2 BPSK	1	108	24.98	25.02	25.01			
40	PI/2 BPSK	1	214	25.05	25.05	25.01			
40	PI/2 BPSK	108	0	24.51	24.57	24.57	25.0	0.5	
40	PI/2 BPSK	108	54	25.01	25.03	24.92	25.5	0.0	
40	PI/2 BPSK	108	108	24.52	24.54	24.49	25.0	0.5	
40	PI/2 BPSK	216	0	24.50	24.52	24.51			
40	QPSK	1	1	25.00	25.03	24.75	25.5	0.0	
40	QPSK	1	108	25.02	25.07	25.05			
40	QPSK	1	214	25.04	24.99	25.05			
40	QPSK	108	0	24.00	24.02	23.96	24.5	1.0	
40	QPSK	108	54	24.94	25.05	25.01	25.5	0.0	
40	QPSK	108	108	23.86	24.06	24.02	24.5	1.0	
40	QPSK	216	0	24.06	24.09	23.99			
40	16QAM	1	1	24.03	24.05	24.07	24.5	1.0	
40	64QAM	1	1	22.48	22.57	22.55	23.0	2.5	
40	256QAM	1	1	20.58	20.57	20.56	21.0	4.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	80	24.98	25.05	25.05	25.5	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	67	25.06	25.05	24.07	25.5	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	53	24.99	25.02	25.02	25.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	40	24.99	24.98	24.98	25.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	26	25.07	24.99	24.98	25.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	13	25.07	24.98	24.95	25.5	0.0	

n66 Ant 5_DSI 3&4									
BW [MHz]	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	24.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.00	23.03	22.96			
40	PI/2 BPSK	1	108	23.05	23.03	23.01	24.0	0.5	
40	PI/2 BPSK	1	214	23.04	23.02	23.05			
40	PI/2 BPSK	108	0	22.42	22.56	22.49			
40	PI/2 BPSK	108	54	23.02	23.05	23.07	24.5	0.0	
40	PI/2 BPSK	108	108	22.45	22.51	22.53	24.0	0.5	
40	PI/2 BPSK	216	0	22.49	22.56	22.51			
40	QPSK	1	1	23.06	23.02	23.01	24.5	0.0	
40	QPSK	1	108	23.06	23.08	23.04			
40	QPSK	1	214	23.06	22.99	23.07			
40	QPSK	108	0	22.04	22.08	22.04	23.5	1.0	
40	QPSK	108	54	23.02	23.06	23.00	24.5	0.0	
40	QPSK	108	108	22.01	22.08	22.07	23.5	1.0	
40	QPSK	216	0	22.01	22.03	22.02			
40	16QAM	1	1	22.02	22.07	22.00	23.5	1.0	
40	64QAM	1	1	20.55	20.70	20.53	22.0	2.5	
40	256QAM	1	1	18.47	18.42	18.49	20.0	4.5	
Channel				345000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dbm)	(db)	
30	QPSK	1	80	23.03	23.07	23.02	24.5	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dbm)	(db)	
20	QPSK	1	53	23.06	23.06	23.03	24.5	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dbm)	(db)	
15	QPSK	1	40	22.97	23.06	23.02	24.5	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dbm)	(db)	
10	QPSK	1	26	23.02	23.03	22.97	24.5	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dbm)	(db)	
5	QPSK	1	13	23.04	23.07	23.05	24.5	0.0	

n38 Ant 5_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				518004	519000	519996	25.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	25.12	25.13	25.13	25.5	0.0	
40	PI/2 BPSK	1	53	25.10	25.12	25.13			
40	PI/2 BPSK	1	104	25.10	25.13	25.10			
40	PI/2 BPSK	50	0	24.55	24.56	24.57		0.5	
40	PI/2 BPSK	50	28	25.10	25.05	25.13	25.5	0.0	
40	PI/2 BPSK	50	56	24.53	24.55	24.54	25.0	0.5	
40	PI/2 BPSK	100	0	24.56	24.51	24.52			
40	QPSK	1	1	25.12	25.11	25.13	25.5	0.0	
40	QPSK	1	53	25.12	25.14	25.13			
40	QPSK	1	104	25.10	25.10	25.12			
40	QPSK	50	0	24.58	24.52	24.54		1.0	
40	QPSK	50	28	25.10	25.13	25.10	25.5	0.0	
40	QPSK	50	56	24.51	24.54	24.51	24.5	1.0	
40	QPSK	100	0	24.53	24.57	24.54			
40	16QAM	1	1	24.56	24.56	24.52	24.5	1.0	
40	64QAM	1	1	22.65	22.63	22.65	23.0	2.5	
40	256QAM	1	1	20.65	20.71	20.63	21.0	4.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2535.01	2535	2539.99	25.5	0.0	
30	QPSK	1	1	25.12	25.00	25.00	25.5	0.0	
Channel				516000	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2530	2595	2610	25.5	0.0	
20	QPSK	1	1	25.00	25.00	25.05	25.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	25.5	0.0	
15	QPSK	1	1	25.13	25.05	25.12	25.5	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98	25.5	0.0	
10	QPSK	1	1	25.05	25.01	25.09	25.5	0.0	

n41 Ant 5_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				509202	518598	528000	25.5	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.08	25.11	25.08	25.5	0.0	
100	PI/2 BPSK	1	137	25.08	25.10	25.10			
100	PI/2 BPSK	1	271	25.12	25.10	25.09			
100	PI/2 BPSK	135	0	24.53	24.55	24.51		0.5	
100	PI/2 BPSK	135	69	25.14	25.12	25.11	25.5	0.0	
100	PI/2 BPSK	135	138	24.51	24.55	24.57	25.0	0.5	
100	PI/2 BPSK	270	0	24.49	24.52	24.56			
100	QPSK	1	1	25.10	25.14	25.08	25.5	0.0	
100	QPSK	1	137	25.11	25.15	25.11			
100	QPSK	1	271	24.11	25.12	25.10			
100	QPSK	135	0	24.19	24.13	24.16		1.0	
100	QPSK	135	69	25.12	25.13	25.07	25.5	0.0	
100	QPSK	135	138	24.17	24.15	24.16	24.5	1.0	
100	QPSK	270	0	24.14	24.16	24.14			
100	16QAM	1	1	23.93	24.25	24.08	24.5	1.0	
100	64QAM	1	1	22.65	22.68	22.63	23.0	2.5	
100	256QAM	1	1	20.61	20.68	20.69	21.0	4.5	
Channel				508200	518598	528998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	25.5	0.0	
90	QPSK	1	1	25.11	25.06	25.05	25.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99	25.5	0.0	
80	QPSK	1	1	25.01	25.08	25.11	25.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2650.98	25.5	0.0	
60	QPSK	1	1	25.04	25.06	25.07	25.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	25.5	0.0	
50	QPSK	1	1	25.03	25.07	25.11	25.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	25.5	0.0	
40	QPSK	1	1	25.14	25.09	25.07	25.5	0.0	
Channel				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	25.5	0.0	
30	QPSK	1	1	25.04	25.03	25.01	25.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	25.5	0.0	
20	QPSK	1	1	25.00	25.02	25.07	25.5	0.0	

PC3 n77_Ant6 DSI 4									
BW [MHz]	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	25.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	23.92	24.06	23.89	25.5	0.0	
100	PI/2 BPSK	1	137	23.85	23.97	23.75			
100	PI/2 BPSK	1	271	23.79	24.03	23.91			
100	PI/2 BPSK	135	0	23.44	23.63	23.53			
100	PI/2 BPSK	135	69	23.71	23.94	23.83	25.0	0.5	
100	PI/2 BPSK	135	138	23.36	23.52	23.42			
100	PI/2 BPSK	270	0	23.28	23.54	23.27			
100	QPSK	1	1	23.67	23.96	23.77			
100	QPSK	1	137	23.77	24.09	23.81	25.5	0.0	
100	QPSK	1	271	23.93	24.08	23.78			
100	QPSK	135	0	22.75	23.04	22.94			
100	QPSK	135	69	23.74	23.63	23.65			
100	QPSK	135	138	22.94	23.09	22.85	24.5	1.0	
100	QPSK	270	0	22.85	23.04	22.92			
100	16QAM	1	1	23.02	23.16	22.89			
100	64QAM	1	1	21.30	21.62	21.51			
100	256QAM	1	1	19.27	19.50	19.50	21.0	4.5	
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	23.80	23.50	
90	QPSK	1	123	23.67	23.80	23.50	25.5	0.0	
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	23.48	23.02	
80	QPSK	1	109	23.48	23.92	23.04	25.5	0.0	
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	23.55	23.01	
70	QPSK	1	95	23.55	23.91	23.61	25.5	0.0	
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	23.47	23.95	
60	QPSK	1	81	23.47	23.95	23.63	25.5	0.0	
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	23.68	23.96	
50	QPSK	1	67	23.68	23.96	23.68	25.5	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	23.64	23.92	
40	QPSK	1	53	23.64	23.92	23.58	25.5	0.0	
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3965.01	23.69	23.90	
30	QPSK	1	39	23.69	23.90	23.52	25.5	0.0	
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	23.46	23.86	
20	QPSK	1	26	23.46	23.86	23.51	25.5	0.0	

PC3 Par27Q n77_Ant6 DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				633000		633334	25.5	0.0	
Frequency (MHz)				3495		3500.01			
100	PI/2 BPSK	1	1	23.93	23.93	23.93	25.5	0.0	
100	PI/2 BPSK	1	137	23.97	23.97	23.97			
100	PI/2 BPSK	1	271	23.92	23.92	23.92			
100	PI/2 BPSK	135	0	23.73	23.73	23.73			
100	PI/2 BPSK	135	69	23.81	23.81	23.81	25.0	0.5	
100	PI/2 BPSK	135	138	23.69	23.69	23.69			
100	PI/2 BPSK	270	0	23.76	23.76	23.76			
100	QPSK	1	1	23.93	23.93	23.93			
100	QPSK	1	137	24.17	24.17	24.17	25.5	0.0	
100	QPSK	1	271	23.71	23.71	23.71			
100	QPSK	135	0	23.16	23.16	23.16			
100	QPSK	135	69	23.85	23.85	23.85			
100	QPSK	135	138	23.17	23.17	23.17	24.5	1.0	
100	QPSK	270	0	23.07	23.07	23.07			
100	16QAM	1	1	23.16	23.16	23.16			
100	64QAM	1	1	21.65	21.65	21.65			
100	256QAM	1	1	19.89	19.89	19.89	21.0	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99	23.81	23.98	
90	QPSK	1	123	23.81	23.98	23.69	25.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	23.74	23.99	
80	QPSK	1	109	23.74	23.99	23.73	25.5	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98	23.83	23.97	
70	QPSK	1	95	23.83	23.97	23.87	25.5	0.0	
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3510.99	23.72	24.04	
60	QPSK	1	81	23.72	24.04	23.88	25.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	23.63	23.90	
50	QPSK	1	67	23.63	23.90	23.78	25.5	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3520.98	23.70	24.09	
40	QPSK	1	53	23.70	24.09	23.74	25.5	0.0	
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99	23.61	23.91	
30	QPSK	1	39	23.61	23.91	23.88	25.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	23.70	24.00	
20	QPSK	1	26	23.70	24.00	23.72	25.5	0.0	

PC3 n78_Ant6 DSI 4									
BW [MHz]	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		24.5	0.0	
Frequency (MHz)					3750				
100	PI/2 BPSK	1	1		22.82		24.5	0.0	
100	PI/2 BPSK	1	137		22.69				
100	PI/2 BPSK	1	271		22.68				
100	PI/2 BPSK	135	0		22.42				
100	PI/2 BPSK	135	69		22.77		24.5	0.0	
100	PI/2 BPSK	135	138		22.36		24.0	0.5	
100	PI/2 BPSK	270	0		22.42				
100	QPSK	1	1		22.84		24.5	0.0	
100	QPSK	1	137		22.88				
100	QPSK	1	271		22.58				
100	QPSK	135	0		21.81				
100	QPSK	135	69		22.82		23.5	1.0	
100	QPSK	135	138		21.77		23.5	1.0	
100	QPSK	270	0		21.82				
100	16QAM	1	1		20.36		23.5	1.0	
100	64QAM	1	1		19.27		22.0	2.5	
100	256QAM	1	1		18.27		20.0	4.5	
Channel					649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3745.02	3750	3755.01		
90	QPSK	1	123		22.69	22.81	22.67	24.5	0.0
Channel					649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3740.01	3750	3760.02		
80	QPSK	1	109		22.64	22.81	22.60	24.5	0.0
Channel					649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3735	3750	3765		
70	QPSK	1	95		22.69	22.71	22.63	24.5	0.0
Channel					648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3730.02	3750	3770.01		
60	QPSK	1	81		22.67	22.83	22.62	24.5	0.0
Channel					648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3725.01	3750	3775.02		
50	QPSK	1	67		22.67	22.80	22.65	24.5	0.0
Channel					648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3720	3750	3780		
40	QPSK	1	53		22.69	22.67	22.66	24.5	0.0
Channel					647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3715.02	3750	3785.01		
30	QPSK	1	39		22.67	22.76	22.66	24.5	0.0
Channel					647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					3710.01	3750	3790.02		
20	QPSK	1	26		22.72	22.86	22.62	24.5	0.0

PC3 Par27Q n78_Ant6 DSI 4									
BW [MHz]	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			24.5	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		22.77		24.5	0.0	
100	PI/2 BPSK	1	137		22.68				
100	PI/2 BPSK	1	271		22.57				
100	PI/2 BPSK	135	0		22.36				
100	PI/2 BPSK	135	69		22.77		24.0	0.5	
100	PI/2 BPSK	135	138		22.25		24.0	0.0	
100	PI/2 BPSK	270	0		22.46				
100	QPSK	1	1		22.82		24.5	0.0	
100	QPSK	1	137		22.86				
100	QPSK	1	271		22.61				
100	QPSK	135	0		21.74				
100	QPSK	135	69		22.84		23.5	1.0	
100	QPSK	135	138		21.83		23.5	1.0	
100	QPSK	270	0		21.85				
100	16QAM	1	1		21.86		23.5	1.0	
100	64QAM	1	1		20.33		22.0	2.5	
100	256QAM	1	1		18.36		20.0	4.5	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	QPSK	1	123		22.72	22.83	22.75	24.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		22.80	22.83	22.65	24.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	QPSK	1	95		22.63	22.76	22.66	24.5	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	QPSK	1	81		22.71	22.84	22.69	24.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		22.67	22.80	22.67	24.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	QPSK	1	53		22.66	22.76	22.75	24.5	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	QPSK	1	39		22.71	22.80	22.63	24.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		22.81	22.84	22.63	24.5	0.0

PC2 n78_Ant6 DSI 4								
BW [MHz]	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	24.55			26.0	0.0
100	PI/2 BPSK	1	137	24.49				
100	PI/2 BPSK	1	271	24.49				
100	PI/2 BPSK	135	0	24.07			25.5	0.5
100	PI/2 BPSK	135	69	24.52			26.0	0.0
100	PI/2 BPSK	135	138	24.16			25.5	0.5
100	PI/2 BPSK	270	0	24.12				
100	QPSK	1	1	24.48				
100	QPSK	1	137	24.57			26.0	0.0
100	QPSK	1	271	24.36				
100	QPSK	135	0	23.56				
100	QPSK	135	69	24.51			25.0	1.0
100	QPSK	135	138	23.58			26.0	0.0
100	QPSK	270	0	23.63			25.0	1.0
100	16QAM	1	1	23.65			25.0	1.0
100	64QAM	1	1	21.98			23.5	2.5
100	256QAM	1	1	19.98			21.5	4.5
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	24.10	24.45	23.98	26.0	0.0
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	24.11	24.38	24.05	26.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	24.18	24.40	24.03	26.0	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3770.01		
60	QPSK	1	81	24.23	24.42	23.95	26.0	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3775.02		
50	QPSK	1	67	24.11	24.48	24.03	26.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.28	24.26	24.00	26.0	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	24.19	24.47	24.17	26.0	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	24.22	24.47	24.18	26.0	0.0

PC2 Par27Q n78_Ant6 DSI 4								
BW [MHz]	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	24.34				
100	PI/2 BPSK	1	137	24.38		26.0		
100	PI/2 BPSK	1	271	24.43				
100	PI/2 BPSK	135	0	24.03		25.5		
100	PI/2 BPSK	135	69	24.37		26.0		
100	PI/2 BPSK	135	138	23.90		25.5		
100	PI/2 BPSK	270	0	23.84				
100	QPSK	1	1	24.34				
100	QPSK	1	137	24.44		26.0		
100	QPSK	1	271	24.30				
100	QPSK	135	0	23.49		25.0		
100	QPSK	135	69	24.35		26.0		
100	QPSK	135	138	23.53		25.0		
100	QPSK	270	0	23.53				
100	16QAM	1	1	23.40		25.0		
100	64QAM	1	1	21.95		23.5		
100	256QAM	1	1	19.88		21.5		
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.03	24.22	24.01	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.15	24.32	24.10	26.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.01	24.23	24.09	26.0	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.08	24.13	24.03	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.08	24.15	23.95	26.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.16	24.13	24.06	26.0	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.03	24.33	24.14	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.06	24.16	24.03	26.0	0.0

n7 Ant8_Full									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI/2 BPSK	1	1	23.82	23.85	23.81	24.0		
40	PI/2 BPSK	1	108	23.77	23.83	23.79			
40	PI/2 BPSK	1	214	23.82	23.82	23.80			
40	PI/2 BPSK	108	0	23.32	23.33	23.31		0.5	
40	PI/2 BPSK	108	54	23.61	23.84	23.85	24.0	0.0	
40	PI/2 BPSK	108	108	23.32	23.29	23.31	23.5	0.5	
40	PI/2 BPSK	216	0	23.28	23.31	23.28			
40	QPSK	1	1	23.65	23.84	23.85	24.0		
40	QPSK	1	108	23.63	23.86	23.83			
40	QPSK	1	214	23.61	23.83	23.82			
40	QPSK	108	0	22.88	22.81	22.84		1.0	
40	QPSK	108	54	23.61	23.83	23.82	24.0	0.0	
40	QPSK	108	108	22.89	22.84	22.84	23.0	1.0	
40	QPSK	216	0	22.82	22.87	22.74			
40	16QAM	1	1	22.83	22.83	22.87	23.0	1.0	
40	64QAM	1	1	21.36	21.35	21.37	21.5	2.5	
40	256QAM	1	1	19.26	19.44	19.37	19.5	4.5	
Channel				503000	507000	510000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555			
30	QPSK	1	80	23.82	23.85	23.74	24.0	0.0	
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5			
25	QPSK	1	67	23.85	23.71	23.81	24.0	0.0	
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	53	23.80	23.85	23.82	24.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	40	23.78	23.82	23.81	24.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	26	23.84	23.85	23.80	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	23.75	23.85	23.82	24.0	0.0	

n66 Ant8_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				348000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	23.75	23.79	23.80	24.0		
40	PI/2 BPSK	1	108	23.82	23.77	23.81			
40	PI/2 BPSK	1	214	23.77	23.82	23.80			
40	PI/2 BPSK	108	0	23.31	23.30	23.33		0.5	
40	PI/2 BPSK	108	54	23.80	23.77	23.78	24.0	0.0	
40	PI/2 BPSK	108	108	23.27	23.30	23.26	23.5	0.5	
40	PI/2 BPSK	216	0	23.25	23.27	23.29			
40	QPSK	1	1	23.75	23.80	23.80	24.0		
40	QPSK	1	108	23.78	23.85	23.81			
40	QPSK	1	214	23.77	23.78	23.77			
40	QPSK	108	0	22.80	22.79	22.81		1.0	
40	QPSK	108	54	23.76	23.78	23.75	24.0	0.0	
40	QPSK	108	108	22.83	22.80	22.78	23.0	1.0	
40	QPSK	216	0	22.79	22.82	22.80			
40	16QAM	1	1	22.85	22.84	22.83	23.0	1.0	
40	64QAM	1	1	21.42	21.28	21.38	21.5	2.5	
40	256QAM	1	1	19.37	19.37	19.43	19.5	4.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	80	23.83	23.84	23.81	24.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	53	23.82	23.88	23.70	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	23.88	23.88	23.80	24.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	26	23.80	23.84	23.89	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	23.48	23.57	23.71	24.0	0.0	

n38 Ant8_Full									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				516004	519000	519996	24.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	24.15	24.16	24.17	24.5	0.0	
40	PI/2 BPSK	1	53	24.18	24.18	24.15			
40	PI/2 BPSK	1	104	24.17	24.20	23.21			
40	PI/2 BPSK	50	0	23.69	23.68	23.69		0.5	
40	PI/2 BPSK	50	28	24.15	24.21	24.18	24.5	0.0	
40	PI/2 BPSK	50	56	23.68	23.70	23.72	24.0	0.5	
40	PI/2 BPSK	100	0	23.77	23.73	23.71			
40	QPSK	1	1	24.17	24.17	24.21	24.5	0.0	
40	QPSK	1	53	24.20	24.22	24.17			
40	QPSK	1	104	24.17	24.16	24.16			
40	QPSK	50	0	23.10	23.18	23.21		1.0	
40	QPSK	50	28	24.16	24.17	24.15	24.5	0.0	
40	QPSK	50	56	23.13	23.33	23.17	23.5	1.0	
40	QPSK	100	0	23.15	23.17	23.11	23.5	1.0	
40	16QAM	1	1	23.16	23.32	23.22			
40	64QAM	1	1	21.70	21.68	21.69			
40	256QAM	1	1	19.70	19.68	19.67			
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	24.5	0.0	
30	QPSK	1	39	24.15	24.21	24.00	24.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	24.06	24.1	23.98	24.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	24.5	0.0	
15	QPSK	1	19	24.06	24.16	24.15	24.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	12	24.13	24.14	24.13	24.5	0.0	

n41 Ant8_Full									
BW [MHz]	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	24.5	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	24.03	24.18	24.17	24.5	0.0	
100	PI/2 BPSK	1	137	24.16	24.20	24.20			
100	PI/2 BPSK	1	271	24.19	24.17	24.18			
100	PI/2 BPSK	135	0	23.57	23.57	23.65		0.5	
100	PI/2 BPSK	135	69	23.99	24.13	23.96	24.5	0.0	
100	PI/2 BPSK	135	138	23.67	23.66	23.68	24.0	0.5	
100	PI/2 BPSK	270	0	23.70	23.73	23.58			
100	QPSK	1	1	24.19	24.33	24.16	24.5	0.0	
100	QPSK	1	137	24.27	24.35	24.31			
100	QPSK	1	271	24.14	24.15	24.16			
100	QPSK	135	0	23.20	23.09	23.17		1.0	
100	QPSK	135	69	24.02	24.09	24.06	24.5	0.0	
100	QPSK	135	138	23.05	23.16	23.10	23.5	1.0	
100	QPSK	270	0	23.04	23.18	23.08	23.5	1.0	
100	16QAM	1	1	23.05	23.10	22.88			
100	64QAM	1	1	21.68	21.77	21.71			
100	256QAM	1	1	19.79	19.93	19.80			
Channel				508200	518598	528098	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	24.5	0.0	
90	QPSK	1	123	24.14	24.17	24.14	24.5	0.0	
Channel				507204	518598	529098			
Frequency (MHz)				2536.02	2592.99	2640.99	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	24.3	24.15	24.2	24.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2650.98	24.5	0.0	
60	QPSK	1	81	24.14	24.24	24.19	24.5	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	24.27	24.17	24.24	24.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.5	0.0	
40	QPSK	1	53	24.30	24.14	24.21	24.5	0.0	
Channel				502200	518598	534998			
Frequency (MHz)				2511	2592.99	2674.98	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	24.14	24.20	24.19	24.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2670.99	24.5	0.0	
20	QPSK	1	26	24.19	24.21	24.13	24.5	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	23.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	23.18	23.27	23.17	23.5	0.0
100	PI/2 BPSK	1	137	23.27	23.41	23.24		
100	PI/2 BPSK	1	271	22.98	23.24	23.03		
100	PI/2 BPSK	135	0	22.62	22.91	22.67		
100	PI/2 BPSK	135	69	23.21	23.42	23.28	23.5	0.0
100	PI/2 BPSK	135	138	22.72	22.93	22.69	23.0	0.5
100	PI/2 BPSK	270	0	22.98	23.07	22.96		
100	QPSK	1	1	23.12	23.42	23.20	23.5	0.0
100	QPSK	1	137	23.13	23.45	23.25		
100	QPSK	1	271	23.13	23.28	23.03		
100	QPSK	135	0	22.21	22.46	22.26		
100	QPSK	135	69	23.13	23.23	23.08	22.5	1.0
100	QPSK	135	138	22.11	22.35	22.06	22.5	1.0
100	QPSK	270	0	22.30	22.45	22.23		
100	16QAM	1	1	22.19	22.41	22.24	22.5	1.0
100	64QAM	1	1	20.86	21.01	20.86	21.0	2.5
100	256QAM	1	1	18.60	19.85	18.64	19.0	4.5
Channel				646668	650000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	22.87	23.10	23.00	23.5	0.0
Channel				646334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	23.02	23.10	23.11	23.5	0.0
Channel				646000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	22.84	23.31	23.00	23.5	0.0
Channel				646668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	22.85	23.26	23.11	23.5	0.0
Channel				646334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3840	3955.02		
50	QPSK	1	67	22.88	23.10	23.00	23.5	0.0
Channel				646000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	22.94	23.14	23.12	23.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	22.82	23.31	22.99	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	22.92	23.18	22.96	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			23.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		23.23		23.5	0.0
100	PI/2 BPSK	1	137		23.37			
100	PI/2 BPSK	1	271		23.28			
100	PI/2 BPSK	135	0		23.00	23.0		
100	PI/2 BPSK	135	69		23.34		23.5	0.0
100	PI/2 BPSK	135	138		22.98		23.0	0.5
100	PI/2 BPSK	270	0		22.86			
100	QPSK	1	1		23.35		23.5	0.0
100	QPSK	1	137		23.41			
100	QPSK	1	271		23.36			
100	QPSK	135	0		22.32	22.5		
100	QPSK	135	69		23.31		23.5	0.0
100	QPSK	135	138		22.49		22.5	1.0
100	QPSK	270	0		22.40			
100	16QAM	1	1		22.42		22.5	1.0
100	64QAM	1	1		20.91		21.0	2.5
100	256QAM	1	1		18.90		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	22.92	23.28	22.96	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	22.90	23.16	22.90	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	22.94	23.13	23.00	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	22.88	23.30	22.92	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	22.97	23.26	23.04	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	22.91	23.19	23.01	23.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	23.00	23.30	22.99	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	22.99	22.60	22.50	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		23.39		23.5	0.0	
100	PI/2 BPSK	1	137		23.31				
100	PI/2 BPSK	1	271		23.20				
100	PI/2 BPSK	135	0		22.76				
100	PI/2 BPSK	135	69		23.16		23.0	0.5	
100	PI/2 BPSK	135	138		22.77		23.5	0.0	
100	PI/2 BPSK	270	0		22.70		23.0	0.5	
100	QPSK	1	1		23.31		23.5	0.0	
100	QPSK	1	137		23.41				
100	QPSK	1	271		23.24				
100	QPSK	135	0		22.17				
100	QPSK	135	69		23.31		22.5	1.0	
100	QPSK	135	138		22.35		23.5	0.0	
100	QPSK	270	0		22.29		22.5	1.0	
100	16QAM	1	1		22.50		22.5	1.0	
100	64QAM	1	1		20.81		21.0	2.5	
100	256QAM	1	1		19.82		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		22.99	23.20	23.32	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		22.86	23.06	22.90	23.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95		22.80	23.19	22.78	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		22.98	23.14	22.89	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		22.84	23.11	22.70	23.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53		22.95	23.19	22.97	23.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39		22.91	23.34	22.99	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		22.88	23.14	23.04	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		23.33		23.5	0.0
100	PI/2 BPSK	1	137		23.37			
100	PI/2 BPSK	1	271		23.25			
100	PI/2 BPSK	135	0		22.97			
100	PI/2 BPSK	135	69		23.36		23.0	0.5
100	PI/2 BPSK	135	138		22.83		23.5	0.0
100	PI/2 BPSK	270	0		22.89		23.0	0.5
100	QPSK	1	1		23.40		23.5	0.0
100	QPSK	1	137		23.43			
100	QPSK	1	271		23.35			
100	QPSK	135	0		22.35			
100	QPSK	135	69		23.38		22.5	1.0
100	QPSK	135	138		22.42		23.5	0.0
100	QPSK	270	0		22.57		22.5	1.0
100	16QAM	1	1		22.44		22.5	1.0
100	64QAM	1	1		21.12		21.0	2.5
100	256QAM	1	1		19.00		19.0	4.5
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	123	22.81	23.26	22.82	23.5	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109	22.81	23.23	22.80	23.5	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	95	22.74	23.29	22.73	23.5	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	81	22.94	23.32	22.81	23.5	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67	22.77	23.15	22.73	23.5	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	53	22.91	23.14	22.88	23.5	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	39	22.83	23.29	22.86	23.5	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26	22.91	22.99	22.93	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			26.5	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		24.92				
100	PI/2 BPSK	1	137		24.95				
100	PI/2 BPSK	1	271		24.79				
100	PI/2 BPSK	135	0		24.40	26.0			
100	PI/2 BPSK	135	69		24.81	26.5	0.0		
100	PI/2 BPSK	135	138		24.42	26.0	0.5		
100	PI/2 BPSK	270	0		24.45				
100	QPSK	1	1		24.97	26.5	0.0		
100	QPSK	1	137		25.00				
100	QPSK	1	271		24.90				
100	QPSK	135	0		23.88			25.5	
100	QPSK	135	69		24.87			26.5	
100	QPSK	135	138		24.06			25.5	
100	QPSK	270	0		23.89	26.5	0.0		
100	16QAM	1	1		24.10	25.5	1.0		
100	64QAM	1	1		22.57	24.0	2.5		
100	256QAM	1	1		20.46	22.0	4.5		
Channel				649668	650000	650334	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)	
90	QPSK	1	123		24.37	24.89	24.60	26.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)	
80	QPSK	1	109		24.44	24.74	24.61	26.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	QPSK	1	95		24.39	24.89	24.49	26.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)	
60	QPSK	1	81		24.44	24.75	24.56	26.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)	
50	QPSK	1	67		24.46	24.78	24.43	26.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	QPSK	1	53		24.39	24.69	24.42	26.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)	
30	QPSK	1	39		24.58	24.70	24.58	26.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)	
20	QPSK	1	26		24.52	24.82	24.60	26.5	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			26.5	0.0		
Frequency (MHz)				3500.01						
100	PI/2 BPSK	1	1		25.23					
100	PI/2 BPSK	1	137		25.27					
100	PI/2 BPSK	1	271		25.07					
100	PI/2 BPSK	135	0		24.78					
100	PI/2 BPSK	135	69		25.26		26.0	0.5		
100	PI/2 BPSK	135	138		24.69		26.5	0.0		
100	PI/2 BPSK	270	0		24.72		26.0	0.5		
100	QPSK	1	1		25.20		26.5	0.0		
100	QPSK	1	137		25.28					
100	QPSK	1	271		25.20					
100	QPSK	135	0		24.16				25.5	1.0
100	QPSK	135	69		25.11				26.5	0.0
100	QPSK	135	138		24.18				25.5	1.0
100	QPSK	270	0		24.39		25.5	1.0		
100	16QAM	1	1		24.22		25.5	1.0		
100	64QAM	1	1		22.83		24.0	2.5		
100	256QAM	1	1		20.78		22.0	4.5		
Channel				633000	633334	633666	Tune-up limit	MPR		
Frequency (MHz)				3495	3500.01	3504.99	(dbm)	(db)		
90	QPSK	1	123		24.81	25.05	24.67	26.5	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR		
Frequency (MHz)				3490.02	3500.01	3510	(dbm)	(db)		
80	QPSK	1	109		24.90	25.18	24.66	26.5	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR		
Frequency (MHz)				3485.01	3500.01	3514.98	(dbm)	(db)		
70	QPSK	1	95		24.68	25.20	24.83	26.5	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR		
Frequency (MHz)				3480	3500.01	3519.99	(dbm)	(db)		
60	QPSK	1	81		24.72	25.00	24.90	26.5	0.0	
Channel				631668	633334	635000	Tune-up limit	MPR		
Frequency (MHz)				3475.02	3500.01	3525	(dbm)	(db)		
50	QPSK	1	67		24.86	25.13	24.84	26.5	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR		
Frequency (MHz)				3470.01	3500.01	3529.98	(dbm)	(db)		
40	QPSK	1	53		24.76	25.03	24.75	26.5	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR		
Frequency (MHz)				3465	3500.01	3534.99	(dbm)	(db)		
30	QPSK	1	39		24.76	25.01	24.70	26.5	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR		
Frequency (MHz)				3460.02	3500.01	3540	(dbm)	(db)		
20	QPSK	1	26		24.84	25.07	24.66	26.5	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	25.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.23	24.37	24.23	25.5	0.0
100	PI/2 BPSK	1	137	24.08	24.34	24.09		
100	PI/2 BPSK	1	271	24.04	24.35	24.26		
100	PI/2 BPSK	135	0	23.63	24.01	23.72		
100	PI/2 BPSK	135	69	24.10	24.36	24.21	25.5	0.0
100	PI/2 BPSK	135	138	23.62	23.93	23.68	25.0	0.5
100	PI/2 BPSK	270	0	23.74	23.89	23.62		
100	QPSK	1	1	24.10	24.36	24.08	25.5	0.0
100	QPSK	1	137	24.28	24.41	24.15		
100	QPSK	1	271	24.14	24.22	23.98		
100	QPSK	135	0	23.34	23.48	23.38		
100	QPSK	135	69	23.99	24.25	24.14	25.5	0.0
100	QPSK	135	138	23.06	23.29	23.20	24.5	1.0
100	QPSK	270	0	23.12	23.40	23.29		
100	16QAM	1	1	23.17	23.30	23.08	24.5	1.0
100	64QAM	1	1	21.80	21.92	21.80	23.0	2.5
100	256QAM	1	1	19.82	19.96	19.84	21.0	4.5
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	23.98	24.21	23.90	25.5	0.0
Channel				648334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.08	24.15	24.04	25.5	0.0
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	23.98	24.11	24.01	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	24.08	24.13	23.99	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	24.11	24.21	23.90	25.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.20	24.16	24.04	25.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	24.11	24.26	23.91	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	24.14	24.15	23.91	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			25.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		25.05		25.5	0.0
100	PI/2 BPSK	1	137		25.14			
100	PI/2 BPSK	1	271		25.02			
100	PI/2 BPSK	135	0		24.78	25.0		
100	PI/2 BPSK	135	69		25.01	25.5	0.0	
100	PI/2 BPSK	135	138		24.73	25.0	0.5	
100	PI/2 BPSK	270	0		24.82			
100	QPSK	1	1		25.18	25.5	0.0	
100	QPSK	1	137		25.21			
100	QPSK	1	271		25.19			
100	QPSK	135	0		24.29			
100	QPSK	135	69		25.07	25.5	0.0	
100	QPSK	135	138		24.27	24.5	1.0	
100	QPSK	270	0		24.12			
100	16QAM	1	1		24.12	24.5	1.0	
100	64QAM	1	1		22.70	23.0	2.5	
100	256QAM	1	1		20.81	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	24.67	25.00	24.81	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	24.67	25.08	24.79	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	24.82	24.93	24.97	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	24.85	24.93	24.88	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	24.65	25.07	24.81	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	24.81	25.05	24.86	25.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.67	24.94	24.90	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	24.85	25.05	24.79	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		25.28		25.5	0.0
100	PI/2 BPSK	1	137		25.37			
100	PI/2 BPSK	1	271		25.21			
100	PI/2 BPSK	135	0		25.01			
100	PI/2 BPSK	135	69		25.36		25.5	0.0
100	PI/2 BPSK	135	138		24.95		25.0	0.5
100	PI/2 BPSK	270	0		25.02			
100	QPSK	1	1		25.24		25.5	0.0
100	QPSK	1	137		25.40			
100	QPSK	1	271		25.34			
100	QPSK	135	0		24.29			
100	QPSK	135	69		25.39		25.5	0.0
100	QPSK	135	138		24.37		24.5	1.0
100	QPSK	270	0		24.41			
100	16QAM	1	1		24.60		24.5	1.0
100	64QAM	1	1		22.96		23.0	2.5
100	256QAM	1	1		20.91		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	25.11	25.28	25.01	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	24.89	25.38	25.07	25.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	95	25.12	25.23	24.84	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	25.20	25.24	24.94	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	24.90	25.20	25.21	25.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	24.96	25.27	24.97	25.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	25.09	25.09	25.22	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	25.15	25.10	25.05	25.5	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			25.5	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		25.35				
100	PI/2 BPSK	1	137		25.33				
100	PI/2 BPSK	1	271		25.13		25.0	0.5	
100	PI/2 BPSK	135	0		25.08				
100	PI/2 BPSK	135	69		25.15				
100	PI/2 BPSK	135	138		24.97				
100	PI/2 BPSK	270	0		24.81		25.0	0.5	
100	QPSK	1	1		25.24				
100	QPSK	1	137		25.37		25.5	0.0	
100	QPSK	1	271		25.32				
100	QPSK	135	0		24.47				
100	QPSK	135	69		25.13				
100	QPSK	135	138		24.56		24.5	1.0	
100	QPSK	270	0		24.48				
100	16QAM	1	1		24.52		24.5	1.0	
100	64QAM	1	1		23.03		23.0	2.5	
100	256QAM	1	1		20.88		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		25.06	25.17	25.20	0.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		24.95	25.06	24.96	0.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	QPSK	1	95		24.96	25.19	24.95	0.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	QPSK	1	81		24.77	25.18	25.11	0.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		24.94	25.11	24.95	0.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	QPSK	1	53		24.91	25.27	25.06	0.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	QPSK	1	39		24.85	25.17	25.05	0.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		24.80	25.24	25.04	0.5	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			27.5	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		26.03		27.5	0.0	
100	PI/2 BPSK	1	137		26.00				
100	PI/2 BPSK	1	271		25.94				
100	PI/2 BPSK	135	0		25.60				
100	PI/2 BPSK	135	69		26.03		27.5	0.0	
100	PI/2 BPSK	135	138		25.57		27.0	0.5	
100	PI/2 BPSK	270	0		25.59				
100	QPSK	1	1		26.00		27.5	0.0	
100	QPSK	1	137		26.08				
100	QPSK	1	271		26.02				
100	QPSK	135	0		25.04				
100	QPSK	135	69		26.04		26.5	1.0	
100	QPSK	135	138		25.00		27.5	0.0	
100	QPSK	270	0		25.06		26.5	1.0	
100	16QAM	1	1		25.19		26.5	1.0	
100	64QAM	1	1		23.64		25.0	2.5	
100	256QAM	1	1		21.62		23.0	4.5	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123		25.70	25.89	25.75	27.5	0.0
Channel				640334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109		25.65	25.94	25.72	27.5	0.0
Channel				640000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95		25.68	25.82	25.80	27.5	0.0
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81		25.78	25.90	25.66	27.5	0.0
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67		25.64	25.80	25.80	27.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53		25.73	25.90	25.69	27.5	0.0
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39		25.75	25.85	25.81	27.5	0.0
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26		25.76	25.80	25.81	27.5	0.0

PC2 Par27Q n78_Ant12 DSI 4								
BW [MHz]	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			27.5	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		26.53		27.5	0.0
100	PI/2 BPSK	1	137		26.52			
100	PI/2 BPSK	1	271		26.40			
100	PI/2 BPSK	135	0		26.22			
100	PI/2 BPSK	135	69		26.44		27.0	0.5
100	PI/2 BPSK	135	138		26.18		27.5	0.0
100	PI/2 BPSK	270	0		26.11		27.0	0.5
100	QPSK	1	1		26.48			
100	QPSK	1	137		26.61		27.5	0.0
100	QPSK	1	271		26.50			
100	QPSK	135	0		25.67			
100	QPSK	135	69		26.42			
100	QPSK	135	138		25.66		26.5	1.0
100	QPSK	270	0		25.65		27.5	0.0
100	16QAM	1	1		25.63		26.5	1.0
100	64QAM	1	1		24.13		25.0	2.5
100	256QAM	1	1		22.05		23.0	4.5
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123		26.15	26.42	26.35	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109		26.13	26.37	26.20	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95		26.21	26.41	26.25	0.0
Channel				632000	633334	634668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3510.99		
60	QPSK	1	81		26.04	26.46	26.33	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67		26.03	26.39	26.29	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3520.98		
40	QPSK	1	53		26.22	26.31	26.36	0.0
Channel				631000	633334	635668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39		26.09	26.41	26.21	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26		26.22	26.35	26.21	0.0

PC3 n77_Ant13 DSI 4

BW [MHz]	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	26.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	24.77	25.05	24.74	26.0	0.0
100	PI/2 BPSK	1	137	24.85	25.09	24.97		
100	PI/2 BPSK	1	271	24.72	24.99	24.79		
100	PI/2 BPSK	135	0	24.34	24.58	24.46	25.5	0.5
100	PI/2 BPSK	135	69	24.90	25.07	24.90	26.0	0.0
100	PI/2 BPSK	135	138	24.42	24.52	24.28	25.5	0.5
100	PI/2 BPSK	270	0	24.28	24.50	24.18		
100	QPSK	1	1	24.80	24.95	24.64	26.0	0.0
100	QPSK	1	137	24.92	25.10	24.92		
100	QPSK	1	271	24.59	24.88	24.66		
100	QPSK	135	0	23.76	24.07	23.77	25.0	1.0
100	QPSK	135	69	24.70	25.00	24.81	26.0	0.0
100	QPSK	135	138	23.79	23.98	23.79	25.0	1.0
100	QPSK	270	0	23.90	24.06	23.87	25.0	1.0
100	16QAM	1	1	23.86	24.02	23.74		
100	64QAM	1	1	22.37	22.66	22.45		
100	256QAM	1	1	20.55	20.60	20.37		
Channel				646668	650000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	24.82	24.90	24.62	26.0	0.0
Channel				646334	650000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	24.82	24.87	24.60	26.0	0.0
Channel				646000	650000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	24.86	24.94	24.70	26.0	0.0
Channel				646668	650000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	24.64	24.96	24.72	26.0	0.0
Channel				646334	650000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	24.70	24.96	24.66	26.0	0.0
Channel				646000	650000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	24.76	24.84	24.64	26.0	0.0
Channel				647668	650000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	24.73	24.91	24.66	26.0	0.0
Channel				647334	650000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	24.82	24.96	24.78	26.0	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			26.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		25.03		26.0	0.0
100	PI/2 BPSK	1	137		25.07			
100	PI/2 BPSK	1	271		25.03			
100	PI/2 BPSK	135	0		24.52		25.5	0.5
100	PI/2 BPSK	135	69		25.00		26.0	0.0
100	PI/2 BPSK	135	138		24.67		25.5	0.5
100	PI/2 BPSK	270	0		24.58			
100	QPSK	1	1		25.05		26.0	0.0
100	QPSK	1	137		25.11			
100	QPSK	1	271		25.04			
100	QPSK	135	0		24.15		25.0	1.0
100	QPSK	135	69		25.08		26.0	0.0
100	QPSK	135	138		24.06		25.0	1.0
100	QPSK	270	0		24.16			
100	16QAM	1	1		24.21		25.0	1.0
100	64QAM	1	1		22.73		23.5	2.5
100	256QAM	1	1		20.72		21.5	4.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	24.74	24.99	24.84	26.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	24.69	25.00	24.64	26.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	24.76	24.88	24.68	26.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	24.70	24.95	24.73	26.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	24.81	24.85	24.77	26.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	24.79	24.88	24.76	26.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	24.72	24.96	24.77	26.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	24.64	25.00	24.73	26.0	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			26.0	0.0
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		25.50			
100	PI/2 BPSK	1	137		25.40			
100	PI/2 BPSK	1	271		25.43			
100	PI/2 BPSK	135	0		25.02		25.5	0.5
100	PI/2 BPSK	135	69		25.30		26.0	0.0
100	PI/2 BPSK	135	138		24.94			
100	PI/2 BPSK	270	0		24.95		25.5	0.5
100	QPSK	1	1		25.52			
100	QPSK	1	137		25.54		26.0	0.0
100	QPSK	1	271		25.43			
100	QPSK	135	0		24.63		25.0	1.0
100	QPSK	135	69		25.49		26.0	0.0
100	QPSK	135	138		24.57		25.0	1.0
100	QPSK	270	0		24.54			
100	16QAM	1	1		24.45		25.0	1.0
100	64QAM	1	1		22.97		23.5	2.5
100	256QAM	1	1		20.97		21.5	4.5
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123		24.89	25.27	25.08	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109		25.01	25.12	25.03	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	95		25.08	25.20	24.91	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81		25.10	25.23	24.97	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67		25.11	25.28	24.85	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53		25.06	25.22	24.83	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	39		24.96	25.24	25.01	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26		25.06	25.21	24.93	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			26.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		25.47			
100	PI/2 BPSK	1	137		25.45			
100	PI/2 BPSK	1	271		25.46			
100	PI/2 BPSK	135	0		25.02		25.5	0.5
100	PI/2 BPSK	135	69		25.41		26.0	0.0
100	PI/2 BPSK	135	138		25.02		25.5	0.5
100	PI/2 BPSK	270	0		25.00			
100	QPSK	1	1		25.42			
100	QPSK	1	137		25.50		26.0	0.0
100	QPSK	1	271		25.48			
100	QPSK	135	0		24.55		25.0	1.0
100	QPSK	135	69		25.45		26.0	0.0
100	QPSK	135	138		24.48		25.0	1.0
100	QPSK	270	0		24.40			
100	16QAM	1	1		24.35		25.0	1.0
100	64QAM	1	1		22.91		23.5	2.5
100	256QAM	1	1		21.09		21.5	4.5
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	QPSK	1	123		24.93	25.34	25.20	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	QPSK	1	109		24.96	25.20	25.02	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	QPSK	1	95		24.99	25.15	24.83	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	QPSK	1	81		24.89	25.24	24.94	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	QPSK	1	67		24.93	25.24	25.01	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	QPSK	1	53		24.88	25.24	25.01	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	QPSK	1	39		25.12	25.24	24.97	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	QPSK	1	26		24.97	25.14	24.96	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			27.5	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		26.48				
100	PI/2 BPSK	1	137		26.46				
100	PI/2 BPSK	1	271		26.47				
100	PI/2 BPSK	135	0		26.10	27.0	0.5		
100	PI/2 BPSK	135	69		26.38	27.5	0.0		
100	PI/2 BPSK	135	138		26.03	27.0	0.5		
100	PI/2 BPSK	270	0		25.95				
100	QPSK	1	1		26.46	27.5	0.0		
100	QPSK	1	137		26.49				
100	QPSK	1	271		26.33				
100	QPSK	135	0		25.54			26.5	1.0
100	QPSK	135	69		26.35			27.5	0.0
100	QPSK	135	138		25.58	26.5	1.0		
100	QPSK	270	0		25.57				
100	16QAM	1	1		25.51	26.5	1.0		
100	64QAM	1	1		23.98	25.0	2.5		
100	256QAM	1	1		22.02	23.0	4.5		
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	26.11	26.18	26.14	27.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	26.10	26.17	26.09	27.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95	26.04	26.29	26.21	27.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	26.20	26.27	26.10	27.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	26.11	26.24	26.18	27.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	26.11	26.38	26.04	27.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	26.09	26.38	26.11	27.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	26.15	26.28	26.15	27.5	0.0	

PC2 Par27Q n78_Ant13 DSI 4

BW [MHz]	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			27.5	0.0
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		26.75			
100	PI/2 BPSK	1	137		26.84			
100	PI/2 BPSK	1	271		26.85		27.5	0.0
100	PI/2 BPSK	135	0		26.49			
100	PI/2 BPSK	135	69		26.89			
100	PI/2 BPSK	135	138		26.50			
100	PI/2 BPSK	270	0		26.57		27.0	0.5
100	QPSK	1	1		26.76			
100	QPSK	1	137		26.97			
100	QPSK	1	271		26.75			
100	QPSK	135	0		26.04		26.5	1.0
100	QPSK	135	69		26.78		27.5	0.0
100	QPSK	135	138		25.88		26.5	1.0
100	QPSK	270	0		25.86			
100	16QAM	1	1		25.93			
100	64QAM	1	1		24.39			
100	256QAM	1	1		22.49		25.0	2.5
							23.0	4.5
Channel				633000	633334	633666	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3495	3500.01	3504.99		
90	QPSK	1	123	26.43	26.76	26.83	27.5	0.0
Channel				632668	633334	634000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	26.47	26.72	26.44	27.5	0.0
Channel				632334	633334	634332	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	26.54	26.69	26.41	27.5	0.0
Channel				632000	633334	634666	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	26.46	26.83	26.43	27.5	0.0
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	26.42	26.83	26.60	27.5	0.0
Channel				631334	633334	635332	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	26.45	26.76	26.61	27.5	0.0
Channel				631000	633334	635666	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	26.54	26.67	26.57	27.5	0.0
Channel				630668	633334	636000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	26.41	26.66	26.42	27.5	0.0

Reduced power level for 5G NR

n5 Ant1_DSI 5									
BW [MHz]	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	23.5	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	22.30	22.43	22.26	23.5	0.0	
20	PI/2 BPSK	1	53	22.41	22.53	22.34			
20	PI/2 BPSK	1	104	22.19	22.34	22.04			
20	PI/2 BPSK	50	0	22.32	22.47	22.38	23.5	0.0	
20	PI/2 BPSK	50	28	22.20	22.46	22.24	23.5	0.0	
20	PI/2 BPSK	50	56	22.11	22.39	22.18	23.5	0.0	
20	PI/2 BPSK	100	0	22.27	22.45	22.15			
20	QPSK	1	1	22.26	22.40	22.16	23.5	0.0	
20	QPSK	1	53	22.26	22.54	22.33			
20	QPSK	1	104	22.27	22.37	22.12			
20	QPSK	50	0	22.28	22.43	22.25	23.5	0.0	
20	QPSK	50	28	22.33	22.45	22.16	23.5	0.0	
20	QPSK	50	56	22.05	22.36	22.16	23.5	0.0	
20	QPSK	100	0	22.26	22.42	22.12			
20	16QAM	1	1	22.01	22.27	22.08	23.5	0.0	
20	64QAM	1	1	22.05	22.06	22.05	23.0	0.5	
20	256QAM	1	1	20.40	20.50	20.60	21.0	2.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	23.5	0.0	
15	QPSK	1	40	22.41	22.43	22.51			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	23.5	0.0	
10	QPSK	1	26	22.43	22.40	22.23			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	23.5	0.0	
5	QPSK	1	13	22.46	22.50	22.45			

n5 Ant1_DSI 3									
BW [MHz]	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	24.5	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	23.33	23.34	23.31	24.5	0.0	
20	PI/2 BPSK	1	53	23.50	23.50	23.46			
20	PI/2 BPSK	1	104	23.07	23.29	23.03			
20	PI/2 BPSK	50	0	23.31	23.50	23.40	24.5	0.0	
20	PI/2 BPSK	50	28	23.09	23.50	23.22	24.5	0.0	
20	PI/2 BPSK	50	56	23.18	23.45	23.14	24.5	0.0	
20	PI/2 BPSK	100	0	23.36	23.48	23.10			
20	QPSK	1	1	23.24	23.32	23.16	24.5	0.0	
20	QPSK	1	53	23.16	23.51	23.40			
20	QPSK	1	104	23.33	23.48	23.00			
20	QPSK	50	0	23.18	23.39	23.37	24.5	0.0	
20	QPSK	50	28	23.31	23.45	23.15	24.5	0.0	
20	QPSK	50	56	23.16	23.39	23.05	24.5	0.0	
20	QPSK	100	0	23.22	23.50	23.16			
20	16QAM	1	1	23.13	23.21	22.97	24.5	0.0	
20	64QAM	1	1	21.92	22.04	22.02	23.0	1.5	
20	256QAM	1	1	20.03	20.05	20.09	21.0	3.5	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	24.5	0.0	
15	QPSK	1	40	23.43	23.34	23.45			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	24.5	0.0	
10	QPSK	1	26	23.45	23.34	23.11			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	24.5	0.0	
5	QPSK	1	13	23.44	23.41	23.35			



n7 Ant2_DSI 3&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)	
Channel				2520	2535	2550			
40	PQ2 BPSK	1	1	18.49	18.60	18.53	19.0	0.0	
40	PQ2 BPSK	1	108	18.64	18.65	18.63			
40	PQ2 BPSK	1	214	18.70	18.64	18.80			
40	PQ2 BPSK	108	0	18.65	18.61	18.63	19.0	0.0	
40	PQ2 BPSK	108	54	18.71	18.63	18.60	19.0	0.0	
40	PQ2 BPSK	108	108	18.58	18.61	18.68	19.0	0.0	
40	PQ2 BPSK	216	0	18.65	18.65	18.66	19.0	0.0	
40	QPSK	1	1	18.48	18.60	18.66			
40	QPSK	1	108	18.77	18.85	18.75			
40	QPSK	1	214	18.72	18.71	18.73	19.0	0.0	
40	QPSK	108	0	18.62	18.67	18.52			
40	QPSK	108	54	18.62	18.66	18.52			
40	QPSK	108	108	18.67	18.67	18.55	19.0	0.0	
40	QPSK	216	0	18.57	18.65	18.50	19.0	0.0	
40	16QAM	1	1	18.49	18.57	18.63			
40	16QAM	1	1	18.71	18.65	18.74			
40	256QAM	1	1	18.56	18.53	18.50	19.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	80	18.60	18.60	18.60	19.0	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	67	18.75	18.76	18.76	19.0	0.0	
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	QPSK	1	53	18.76	18.82	18.73	19.0	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	40	18.75	18.76	18.76	19.0	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2534	2564	(dBm)	(dB)	
10	QPSK	1	26	18.83	18.85	18.82	19.0	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	13	18.82	18.73	18.71	19.0	0.0	

n66 Ant2_DSI 3&4									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Low Ch. / Freq. 346000	Middle Ch. / Freq. 349000	High Ch. / Freq. 352000			
Channel				1730	1745	1760			
Frequency (MHz)									
40	PQ2 BPSK	1	1	23.81	23.79	23.83	24.0	0.0	
40	PQ2 BPSK	1	108	23.75	23.76	23.71			
40	PQ2 BPSK	1	214	23.85	23.80	23.85			
40	PQ2 BPSK	108	0	23.83	23.82	23.82	24.0	0.0	
40	PQ2 BPSK	108	54	23.72	23.81	23.70	24.0	0.0	
40	PQ2 BPSK	108	108	23.81	23.75	23.77	24.0	0.0	
40	PQ2 BPSK	216	0	23.84	23.85	23.82	24.0	0.0	
40	QPSK	1	1	23.76	23.74	23.83			
40	QPSK	1	108	23.82	23.80	23.85			
40	QPSK	1	214	23.77	23.79	23.78			
40	QPSK	108	0	23.34	23.30	23.36	23.5	0.5	
40	QPSK	108	54	23.82	23.84	23.77	24.0	0.0	
40	QPSK	108	108	23.36	23.38	23.38	23.5	0.5	
40	QPSK	216	0	23.36	23.37	23.32			
40	16QAM	1	1	23.42	23.41	23.41			
40	64QAM	1	1	21.83	21.78	21.79	22.0	2.0	
40	256QAM	1	1	19.83	19.84	19.80	20.0	4.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	80	23.81	23.72	23.85	24.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	53	23.80	23.69	23.59	24.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1715	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	40	23.85	23.82	23.71	24.0	0.0	
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1710	1745	1775	(dBm)	(dB)	
10	QPSK	1	26	23.86	23.73	23.86	24.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	13	23.75	23.75	23.77	24.0	0.0	

n66 Ant2_DS15									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.			
				Channel					
				Frequency (MHz)					
40	PQ2 BPSK	1	1	18.33	18.44	18.40	19.0	0.0	
40	PQ2 BPSK	1	108	18.51	18.51	18.43			
40	PQ2 BPSK	1	214	18.48	18.47	18.38			
40	PQ2 BPSK	108	0	18.36	18.48	18.48	19.0	0.0	
40	PQ2 BPSK	108	54	18.50	18.49	18.43	19.0	0.0	
40	PQ2 BPSK	108	108	18.32	18.44	18.45	19.0	0.0	
40	PQ2 BPSK	216	0	18.45	18.51	18.51	19.0	0.0	
40	QPSK	1	1	18.51	18.49	18.38			
40	QPSK	1	108	18.49	18.52	18.45			
40	QPSK	1	214	18.50	18.5	18.40	19.0	0.0	
40	QPSK	108	0	18.37	18.45	18.38			
40	QPSK	108	54	18.45	18.46	18.34			
40	QPSK	108	108	18.41	18.42	18.38	19.0	0.0	
40	QPSK	216	0	18.42	18.42	18.37			
40	16QAM	1	1	18.45	18.48	18.47	19.0	0.0	
40	64QAM	1	1	18.37	18.45	18.48	19.0	0.0	
40	256QAM	1	1	18.48	18.48	18.41	19.0	0.0	
				Channel					
				Frequency (MHz)					
30	QPSK	1	80	18.60	18.78	18.65	19.0	0.0	
				Channel					
				Frequency (MHz)					
20	QPSK	1	53	18.76	18.75	18.62	19.0	0.0	
				Channel					
				Frequency (MHz)					
15	QPSK	1	40	18.68	18.83	18.51	19.0	0.0	
				Channel					
				Frequency (MHz)					
10	QPSK	1	26	18.52	18.74	18.65	19.0	0.0	
				Channel					
				Frequency (MHz)					
5	QPSK	1	13	18.78	18.80	18.72	19.0	0.0	

n38 Ant2_DSI 3&5								
BW [MHz]	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	20.0	0.0
Frequency (MHz)				2590.02	2595	2599.98		
40	PI/2 BPSK	1	1	19.31	19.38	19.39	20.0	0.0
40	PI/2 BPSK	1	53	19.38	19.34	19.36		
40	PI/2 BPSK	1	104	19.26	19.34	19.37		
40	PI/2 BPSK	50	0	19.38	19.38	19.28	20.0	0.0
40	PI/2 BPSK	50	28	19.39	19.38	19.31	20.0	0.0
40	PI/2 BPSK	50	56	19.31	19.36	19.34	20.0	0.0
40	PI/2 BPSK	100	0	19.25	19.35	19.38		
40	QPSK	1	1	19.26	19.38	19.35	20.0	0.0
40	QPSK	1	53	19.36	19.41	19.34		
40	QPSK	1	104	19.26	19.35	19.33		
40	QPSK	50	0	19.36	19.36	19.31	20.0	0.0
40	QPSK	50	28	19.35	19.39	19.30	20.0	0.0
40	QPSK	50	56	19.38	19.23	19.36	20.0	0.0
40	QPSK	100	0	19.32	19.38	19.34		
40	16QAM	1	1	19.24	19.36	19.33	20.0	0.0
40	64QAM	1	1	19.30	19.39	19.36	20.0	0.0
40	256QAM	1	1	19.00	19.80	19.05	20.0	0.0
Channel				517002	519000	520998	20.0	MPR (dB)
Frequency (MHz)				2635.01	2595	2604.99		
30	QPSK	1	39	19.35	19.35	19.25	20.0	0.0
Channel				516000	519000	522000	20.0	MPR (dB)
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	26	19.34	19.4	19.41	20.0	0.0
Channel				515502	519000	522498	20.0	MPR (dB)
Frequency (MHz)				2677.51	2595	2612.49		
15	QPSK	1	19	19.34	19.30	19.25	20.0	0.0
Channel				515004	519000	522996	20.0	MPR (dB)
Frequency (MHz)				2675.02	2595	2614.98		
10	QPSK	1	12	19.34	19.31	19.41	20.0	0.0

n41 Ant2_DSI 3&5								
BW [MHz]	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	20.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.35	19.45	19.30	20.0	0.0
100	PI/2 BPSK	1	137	19.40	19.47	19.34		
100	PI/2 BPSK	1	271	19.41	19.36	19.34		
100	PI/2 BPSK	135	0	19.36	19.45	19.34	20.0	0.0
100	PI/2 BPSK	135	69	19.40	19.48	19.46	20.0	0.0
100	PI/2 BPSK	135	138	19.21	19.31	19.32	20.0	0.0
100	PI/2 BPSK	270	0	19.31	19.37	19.20		
100	QPSK	1	1	19.33	19.40	19.29	20.0	0.0
100	QPSK	1	137	19.44	19.49	19.40		
100	QPSK	1	271	19.36	19.42	19.33		
100	QPSK	135	0	19.31	19.38	19.39	20.0	0.0
100	QPSK	135	69	19.37	19.41	19.36	20.0	0.0
100	QPSK	135	138	19.37	19.35	19.35	20.0	0.0
100	QPSK	270	0	19.40	19.42	19.33		
100	16QAM	1	1	19.32	19.42	19.45	20.0	0.0
100	64QAM	1	1	19.35	19.35	19.24	20.0	0.0
100	256QAM	1	1	19.38	19.32	19.27	20.0	0.0
Channel				508200	518598	528998	20.0	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	QPSK	1	123	19.44	19.31	19.38	20.0	0.0
Channel				507204	518598	529998	20.0	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2640.99		
80	QPSK	1	109	19.43	19.40	19.40	20.0	0.0
Channel				505200	518598	531998	20.0	MPR (dB)
Frequency (MHz)				2526	2592.99	2650.98		
60	QPSK	1	81	19.36	19.40	19.37	20.0	0.0
Channel				504204	518598	532998	20.0	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	67	19.44	19.38	19.42	20.0	0.0
Channel				503202	518598	534000	20.0	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	53	19.39	19.30	19.37	20.0	0.0
Channel				502200	518598	534998	20.0	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	39	19.39	19.29	19.40	20.0	0.0
Channel				501204	518598	535998	20.0	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2670.99		
20	QPSK	1	26	19.42	19.39	19.35	20.0	0.0

n5 Ant3_DSI 1&5								
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	18.78	18.97	18.85	19.5	0.0
20	PI/2 BPSK	1	53	18.61	18.86	18.56		
20	PI/2 BPSK	1	104	18.63	18.78	18.52		
20	PI/2 BPSK	50	0	18.83	18.97	18.68		
20	PI/2 BPSK	50	28	18.78	18.93	18.80	19.5	0.0
20	PI/2 BPSK	50	56	18.77	18.87	18.76	19.5	0.0
20	PI/2 BPSK	100	0	18.75	18.92	18.81		
20	QPSK	1	1	18.61	18.90	18.73	19.5	0.0
20	QPSK	1	53	18.83	19.03	18.85		
20	QPSK	1	104	18.53	18.60	18.57		
20	QPSK	50	0	18.80	18.89	18.90		
20	QPSK	50	28	18.73	18.97	18.67	19.5	0.0
20	QPSK	50	56	18.76	18.88	18.74	19.5	0.0
20	QPSK	100	0	18.84	18.97	18.83		
20	16QAM	1	1	18.90	19.00	18.73	19.5	0.0
20	64QAM	1	1	18.78	18.96	18.75	19.5	0.0
20	256QAM	1	1	18.82	18.97	18.89	19.5	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	40	18.87	19.00	18.77		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	26	18.72	18.87	18.65		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	13	18.88	18.99	18.88		

n5 Ant3_DSI 4								
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.23	22.48	22.29	23.0	0.0
20	PI/2 BPSK	1	53	22.37	22.44	22.48		
20	PI/2 BPSK	1	104	22.38	22.34	22.46		
20	PI/2 BPSK	50	0	22.28	22.50	22.35		
20	PI/2 BPSK	50	28	22.41	22.42	22.41	23.0	0.0
20	PI/2 BPSK	50	56	22.31	22.41	22.36	23.0	0.0
20	PI/2 BPSK	100	0	22.32	22.45	22.36		
20	QPSK	1	1	22.29	22.50	22.39	23.0	0.0
20	QPSK	1	53	22.36	22.51	22.47		
20	QPSK	1	104	21.97	22.27	22.44		
20	QPSK	50	0	22.39	22.40	22.35		
20	QPSK	50	28	22.22	22.44	22.42	23.0	0.0
20	QPSK	50	56	22.32	22.36	22.36	23.0	0.0
20	QPSK	100	0	22.34	22.35	22.26		
20	16QAM	1	1	22.24	22.48	22.48	23.0	0.0
20	64QAM	1	1	21.66	21.92	21.97	22.5	0.5
20	256QAM	1	1	19.59	19.83	19.87	20.5	2.5
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	40	22.49	22.48	22.50		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	26	22.41	22.48	22.45		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	13	22.45	22.47	22.41		

n7 Ant 4_DSI 1&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	12.88	13.09	13.08	13.5		0.0
40	PI2 BPSK	1	108	13.00	13.19	13.08			
40	PI2 BPSK	1	214	12.96	12.99	12.98			
40	PI2 BPSK	108	0	13.12	13.21	13.10			
40	PI2 BPSK	108	54	13.11	13.14	13.04	13.5		0.0
40	PI2 BPSK	108	108	12.98	13.17	13.03	13.5		0.0
40	PI2 BPSK	216	0	13.05	13.21	13.10	13.5		0.0
40	QPSK	1	1	13.19	13.18	13.00			
40	QPSK	1	108	13.09	13.22	13.03			
40	QPSK	1	214	13.04	13.07	12.98			
40	QPSK	108	0	13.03	13.11	13.01	13.5		0.0
40	QPSK	108	54	13.03	13.19	13.06	13.5		0.0
40	QPSK	108	108	13.15	13.15	13.05	13.5		0.0
40	QPSK	216	0	13.02	13.17	13.07			
40	16QAM	1	1	12.95	12.96	12.89	13.5		0.0
40	64QAM	1	1	12.89	12.90	12.71	13.5		0.0
40	256QAM	1	1	12.92	13.07	13.06	13.5		0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)		
30	QPSK	1	80	12.88	13.19	12.82	13.5		0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)		
25	QPSK	1	67	12.90	13.13	13.04	13.5		0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)		
20	QPSK	1	53	13.05	13.09	12.92	13.5		0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)		
15	QPSK	1	40	13.06	13.20	12.89	13.5		0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)		
10	QPSK	1	26	13.08	13.16	12.91	13.5		0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)		
5	QPSK	1	13	12.95	13.14	13.00	13.5		0.0

n7 Ant 4_DSI 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	19.87	20.22	20.15	20.5		0.0
40	PI2 BPSK	1	108	20.05	20.15	20.16			
40	PI2 BPSK	1	214	19.90	20.12	20.10			
40	PI2 BPSK	108	0	20.23	20.25	20.21			
40	PI2 BPSK	108	54	20.08	20.19	19.93	20.5		0.0
40	PI2 BPSK	108	108	19.97	20.21	20.01	20.5		0.0
40	PI2 BPSK	216	0	20.15	20.22	20.15	20.5		
40	QPSK	1	1	20.11	20.08	20.04			
40	QPSK	1	108	20.05	20.06	20.15			
40	QPSK	1	214	20.02	20.03	20.01			
40	QPSK	108	0	20.02	20.03	19.91	20.5		0.0
40	QPSK	108	54	19.99	20.08	20.06	20.5		0.0
40	QPSK	108	108	20.02	20.05	20.03	20.5		
40	QPSK	216	0	20.02	20.08	20.03			
40	16QAM	1	1	19.91	19.83	19.83	20.5		0.0
40	64QAM	1	1	19.82	19.88	19.62	20.5		0.0
40	256QAM	1	1	19.97	20.07	20.15	20.5		0.0
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)		
30	QPSK	1	80	19.98	20.07	19.93	20.5		0.0
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)		
25	QPSK	1	67	19.97	20.18	20.00	20.5		0.0
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)		
20	QPSK	1	53	20.07	20.11	19.87	20.5		0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)		
15	QPSK	1	40	19.95	20.18	20.00	20.5		0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)		
10	QPSK	1	26	20.18	20.21	20.03	20.5		0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)		
5	QPSK	1	13	19.88	20.22	20.08	20.5		0.0



n66 Ant 4_DSI 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)	
				Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.			
Channel				346000	349000	353000			
Frequency (MHz)				1740	1745	1760			
40	PV2 BPSK	1	1	15.19	15.35	15.33	16.0	0.0	
40	PV2 BPSK	1	108	15.23	15.32	15.19			
40	PV2 BPSK	1	214	15.21	15.31	15.22			
40	PV2 BPSK	108	0	15.22	15.30	15.15	16.0	0.0	
40	PV2 BPSK	108	54	15.16	15.26	15.24	16.0	0.0	
40	PV2 BPSK	108	108	15.33	15.34	15.30	16.0	0.0	
40	PV2 BPSK	216	0	15.35	15.36	15.26	16.0	0.0	
40	QPSK	1	1	15.25	15.32	15.31	16.0	0.0	
40	QPSK	1	108	15.14	15.36	15.35			
40	QPSK	1	214	15.27	15.28	15.09			
40	QPSK	108	0	15.16	15.21	15.13	16.0	0.0	
40	QPSK	108	54	15.21	15.30	15.15			
40	QPSK	108	108	15.25	15.25	15.21			
40	QPSK	216	0	15.24	15.33	15.16	16.0	0.0	
40	16QAM	1	1	15.08	15.16	15.17			
40	16QAM	1	1	15.00	15.08	15.08			
40	256QAM	1	1	15.17	15.31	15.21	16.0	0.0	
Channel				346000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	80	14.92	15.30	15.20	16.0	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)	
20	QPSK	1	53	15.09	15.23	15.28	16.0	0.0	
Channel				343500	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	40	15.10	15.32	15.28	16.0	0.0	
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	26	15.16	15.20	15.31	16.0	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	13	15.09	15.30	15.25	16.0	0.0	

n66 Ant 4_DSI 3&4									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High	
				Ch. / Freq.	346000	Ch. / Freq.	349000	Ch. / Freq.	353000
Channel				1720	1745	1760			
Frequency (MHz)									
40	PV2 BPSK	1	1	22.78	22.85	22.78	23.5	0.0	
40	PV2 BPSK	1	108	22.85	22.86	22.69			
40	PV2 BPSK	1	214	22.54	22.76	22.59			
40	PV2 BPSK	108	0	22.27	22.43	22.45	23.5	0.0	
40	PV2 BPSK	108	54	22.75	22.83	22.69	23.5	0.0	
40	PV2 BPSK	108	108	22.31	22.45	22.24	23.5	0.0	
40	PV2 BPSK	216	0	22.28	22.37	22.39			
40	QPSK	1	1	22.87	22.90	22.74			
40	QPSK	1	108	22.92	22.84	22.75	23.5	0.0	
40	QPSK	1	214	22.79	22.82	22.78	23.0	0.5	
40	QPSK	108	0	22.84	22.83	22.63			
40	QPSK	108	54	22.65	22.79	22.65			
40	QPSK	108	108	22.65	22.63	22.71	23.0	0.5	
40	QPSK	216	0	22.80	22.85	22.82	23.0	0.5	
40	16QAM	1	1	22.13	22.13	21.93			
40	16QAM	1	1	20.44	20.65	20.48			
40	256QAM	1	1	18.37	18.37	18.38	19.5	4.0	
Channel				346000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	80	22.85	22.84	22.68	23.5	0.0	
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
20	QPSK	1	53	22.81	22.91	22.64	23.5	0.0	
Channel				343500	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	40	22.79	22.89	22.62	23.5	0.0	
Channel				342000	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	26	22.87	22.80	22.59	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	22.85	22.93	22.60	23.5	0.0	

n66 Ant 4_DSI 5										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low		Power Middle		Power High	Tuneup limit (dbm)	MPR (db)
				Ch. Freq. 346000	Ch. Freq. 349000	Ch. Freq. 346000	Ch. Freq. 350000	Ch. Freq. 353000		
Channel				1730	1745	1760				
Frequency (MHz)										
40	PV2 BPSK	1	1	16.28	16.41	16.29			17.0	0.0
40	PV2 BPSK	1	108	16.16	16.33	16.13				
40	PV2 BPSK	1	214	16.17	16.34	16.32				
40	PV2 BPSK	108	0	16.10	16.21	16.22	17.0	0.0		
40	PV2 BPSK	108	54	16.21	16.25	16.19	17.0	0.0		
40	PV2 BPSK	108	108	16.38	16.40	16.24			17.0	0.0
40	PV2 BPSK	216	0	16.30	16.38	16.22				
40	QPSK	1	1	16.19	16.27	16.15				
40	QPSK	1	108	16.23	16.42	16.40	17.0	0.0		
40	QPSK	1	214	16.21	16.38	16.28			17.0	0.0
40	QPSK	108	0	16.19	16.31	16.24				
40	QPSK	108	54	16.16	16.36	16.30	17.0	0.0		
40	QPSK	108	108	16.23	16.35	16.35			17.0	0.0
40	QPSK	216	0	16.02	16.22	16.21				
40	16QAM	1	1	15.97	16.15	16.03				
40	16QAM	1	1	16.10	16.11	16.13	17.0	0.0		
40	256QAM	1	1	16.12	16.31	16.16	17.0	0.0		
Channel				346000	349000	353000	Tuneup limit (dbm)			
Frequency (MHz)				1725	1745	1765	MPR (db)			
30	QPSK	1	80	16.05	16.28	16.19	17.0	0.0		
Channel				344500	349000	353500	Tuneup limit (dbm)			
Frequency (MHz)				1722.5	1745	1767.5	MPR (db)			
20	QPSK	1	53	16.23	16.40	16.29	17.0	0.0		
Channel				343500	349000	355000	Tuneup limit (dbm)			
Frequency (MHz)				1717.5	1745	1772.5	MPR (db)			
15	QPSK	1	40	16.01	16.41	16.37	17.0	0.0		
Channel				342000	349000	355500	Tuneup limit (dbm)			
Frequency (MHz)				1715	1745	1775	MPR (db)			
10	QPSK	1	26	16.23	16.40	16.38	17.0	0.0		
Channel				342500	349000	355500	Tuneup limit (dbm)			
Frequency (MHz)				1712.5	1745	1777.5	MPR (db)			
5	QPSK	1	13	16.04	16.20	16.37	17.0	0.0		

n38 Ant 4_DSI 1									
BW (MHz)	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	518000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	Pl2 BPSK	1	1	13.51	13.77	13.74			
40	Pl2 BPSK	1	53	13.47	13.58	13.53	14.0		
40	Pl2 BPSK	1	104	13.41	13.61	13.63			
40	Pl2 BPSK	50	0	13.46	13.50	13.45	14.0	0.0	
40	Pl2 BPSK	50	26	13.65	13.50	13.53	14.0	0.0	
40	Pl2 BPSK	50	56	13.58	13.66	13.47			
40	Pl2 BPSK	100	0	13.41	13.70	13.54	14.0	0.0	
40	QPSK	1	1	13.64	13.65	13.63			
40	QPSK	1	53	13.77	13.66	13.61	14.0	0.0	
40	QPSK	1	104	13.47	13.75	13.60			
40	QPSK	50	0	13.52	13.66	13.54	14.0	0.0	
40	QPSK	50	26	13.56	13.73	13.54	14.0	0.0	
40	QPSK	50	56	13.23	13.61	13.43			
40	QPSK	100	0	13.62	13.75	13.39			
40	16QAM	1	1	13.59	13.67	13.43	14.0	0.0	
40	64QAM	1	1	13.61	13.65	13.44	14.0	0.0	
40	256QAM	1	1	13.49	13.57	13.49	14.0	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	13.59	13.61	13.58	14.0	0.0	
Channel				518000	518000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	13.64	13.67	13.74	14.0	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	13.41	13.73	13.56	14.0	0.0	
Channel				515004	518000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2614.92	2605	2614.98			
10	QPSK	1	12	13.58	13.70	13.75	14.0	0.0	

n38 Ant 4_DSI 5									
BW (MHz)	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	518000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	Pl2 BPSK	1	1	14.63	14.82	14.69			
40	Pl2 BPSK	1	53	14.55	14.59	14.52	15.0	0.0	
40	Pl2 BPSK	1	104	14.53	14.67	14.66			
40	Pl2 BPSK	50	0	14.48	14.70	14.54	15.0	0.0	
40	Pl2 BPSK	50	26	14.58	14.58	14.58	15.0	0.0	
40	Pl2 BPSK	50	56	14.56	14.58	14.56			
40	Pl2 BPSK	100	0	14.50	14.66	14.57	15.0	0.0	
40	QPSK	1	1	14.74	14.75	14.71			
40	QPSK	1	53	14.74	14.67	14.74	15.0	0.0	
40	QPSK	1	104	14.53	14.73	14.52			
40	QPSK	50	0	14.59	14.63	14.67	15.0	0.0	
40	QPSK	50	26	14.65	14.68	14.61	15.0	0.0	
40	QPSK	50	56	14.34	14.56	14.40			
40	QPSK	100	0	14.61	14.70	14.48			
40	16QAM	1	1	14.54	14.56	14.37	15.0	0.0	
40	64QAM	1	1	14.52	14.55	14.54	15.0	0.0	
40	256QAM	1	1	14.36	14.57	14.51	15.0	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	14.65	14.65	14.78	15.0	0.0	
Channel				518000	518000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	14.78	14.67	14.66	15.0	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	14.58	14.66	14.53	15.0	0.0	
Channel				515004	518000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2614.92	2605	2614.98			
10	QPSK	1	12	14.64	14.82	14.63	15.0	0.0	

n38 Ant 4_DSI 3									
BW (MHz)	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	518000	519996			
Frequency (MHz)				2590.02	2595	2599.98			
40	Pl2 BPSK	1	1	21.16	21.33	21.21			
40	Pl2 BPSK	1	53	21.25	21.25	21.20	21.5	0.0	
40	Pl2 BPSK	1	104	21.05	21.38	21.17			
40	Pl2 BPSK	50	0	20.97	21.30	21.21	21.5	0.0	
40	Pl2 BPSK	50	26	21.29	21.14	21.11	21.5	0.0	
40	Pl2 BPSK	50	56	21.06	21.11	21.05			
40	Pl2 BPSK	100	0	21.00	21.24	21.29	21.5	0.0	
40	QPSK	1	1	21.36	21.27	21.26			
40	QPSK	1	53	21.35	21.43	21.42	21.5	0.0	
40	QPSK	1	104	21.16	21.39	21.00			
40	QPSK	50	0	21.17	21.29	21.18	21.5	0.0	
40	QPSK	50	26	21.33	21.36	21.25	21.5	0.0	
40	QPSK	50	56	21.03	21.04	20.90			
40	QPSK	100	0	21.12	21.18	21.13			
40	16QAM	1	1	21.21	21.03	20.85	21.5	0.0	
40	64QAM	1	1	21.12	21.17	21.07	21.5	0.0	
40	256QAM	1	1	21.04	21.07	21.01	21.5	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	21.37	21.24	21.57	21.5	0.0	
Channel				518000	518000	520000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	21.24	21.23	21.34	21.5	0.0	
Channel				517002	518000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	21.23	21.35	21.31	21.5	0.0	
Channel				515004	518000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2614.92	2605	2614.98			
10	QPSK	1	12	21.23	21.36	21.21	21.5	0.0	



n41 Ant 4_DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				506202	518598	528000			
				2546.01	2592.99	2640			
100	Pl2 BPSK	1	1	13.22	13.22	13.22	14.0	0.0	
100	Pl2 BPSK	1	137	12.96	12.96	12.82			
100	Pl2 BPSK	1	271	12.86	13.08	13.01			
100	Pl2 BPSK	136	0	12.92	13.03	12.97			
100	Pl2 BPSK	136	69	12.96	12.99	12.86	14.0	0.0	
100	Pl2 BPSK	136	138	12.78	12.96	12.97	14.0	0.0	
100	Pl2 BPSK	270	0	12.77	12.94	12.93	14.0	0.0	
100	QPSK	1	1	13.22	13.21	13.11			
100	QPSK	1	137	13.15	13.23	13.20			
100	QPSK	1	271	12.76	12.95	12.96			
100	QPSK	136	0	12.79	12.96	12.77	14.0	0.0	
100	QPSK	136	69	12.86	13.12	12.86	14.0	0.0	
100	QPSK	136	138	12.80	12.87	12.87	14.0	0.0	
100	QPSK	270	0	12.94	12.95	12.93			
100	16QAM	1	1	12.86	13.01	12.97	14.0	0.0	
100	64QAM	1	1	12.89	12.95	12.77	14.0	0.0	
100	256QAM	1	1	12.96	12.97	12.82	14.0	0.0	
Channel									
Frequency (MHz)				2541	2592.99	2644.98	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	13.17	13.22	13.16	14.0	0.0	
Channel									
Frequency (MHz)				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
				2636.02	2592.99	2649.99	(dBm)		
80	QPSK	1	109	13.00	13.10	13.19	14.0	0.0	
Channel									
Frequency (MHz)				2506	2592.99	2609.98	(dBm)		
60	QPSK	1	81	12.97	13.14	13.09	14.0	0.0	
Channel									
Frequency (MHz)				504204	518598	530998	Tune-up limit (dBm)	MPR (dB)	
				2621.02	2592.99	2644.98	(dBm)		
50	QPSK	1	67	13.16	13.17	13.11	14.0	0.0	
Channel									
Frequency (MHz)				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
				2518.01	2592.99	2670	(dBm)		
40	QPSK	1	53	13.06	13.20	13.14	14.0	0.0	
Channel									
Frequency (MHz)				502200	518598	534998	Tune-up limit (dBm)	MPR (dB)	
				2511	2592.99	2674.98	(dBm)		
30	QPSK	1	39	12.95	13.24	13.15	14.0	0.0	
Channel									
Frequency (MHz)				507204	518598	530998	Tune-up limit (dBm)	MPR (dB)	
				2506.02	2592.99	2679.99	(dBm)		
20	QPSK	1	26	13.01	13.15	13.20	14.0	0.0	

n41 Ant 4_DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				506202	518598	528000			
				2546.01	2592.99	2640			
100	Pl2 BPSK	1	1	13.93	14.10	13.92	15.0	0.0	
100	Pl2 BPSK	1	137	13.92	13.98	13.87			
100	Pl2 BPSK	1	271	13.96	14.12	14.08			
100	Pl2 BPSK	136	0	14.12	14.12	14.02			
100	Pl2 BPSK	136	69	13.86	14.08	13.88	15.0	0.0	
100	Pl2 BPSK	136	138	14.01	14.06	13.87	15.0	0.0	
100	Pl2 BPSK	270	0	13.86	13.99	13.81	15.0	0.0	
100	QPSK	1	1	14.11	14.10	13.94			
100	QPSK	1	137	14.11	14.13	14.07			
100	QPSK	1	271	13.86	13.86	13.85			
100	QPSK	136	0	13.72	13.82	13.84	15.0	0.0	
100	QPSK	136	69	13.82	13.69	13.73	15.0	0.0	
100	QPSK	136	138	13.82	13.79	13.78	15.0	0.0	
100	QPSK	270	0	13.74	13.95	13.79			
100	16QAM	1	1	13.89	13.92	13.71	15.0	0.0	
100	64QAM	1	1	13.86	13.97	13.79	15.0	0.0	
100	256QAM	1	1	14.08	14.07	14.08	15.0	0.0	
Channel									
Frequency (MHz)				506200 <th>518598<th>528998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>528998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	528998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2541 <th>2592.99<th>2644.98<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2644.98<th>(dBm)</th><th colspan="2"></th></th>	2644.98 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
90	QPSK	1	123	13.91	14.11	14.05	15.0	0.0	
Channel									
Frequency (MHz)				507204 <th>518598<th>529998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>529998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	529998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2536.02 <th>2592.99<th>2649.99<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2649.99<th>(dBm)</th><th colspan="2"></th></th>	2649.99 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
80	QPSK	1	109	13.93	14.1	14	15.0	0.0	
Channel									
Frequency (MHz)				506200 <th>518598<th>531998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>531998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	531998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2542 <th>2592.99<th>2659.98<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2659.98<th>(dBm)</th><th colspan="2"></th></th>	2659.98 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
60	QPSK	1	81	14.11	14.12	13.87	15.0	0.0	
Channel									
Frequency (MHz)				504204 <th>518598<th>530998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>530998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	530998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2621.02 <th>2592.99<th>2644.98<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2644.98<th>(dBm)</th><th colspan="2"></th></th>	2644.98 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
50	QPSK	1	67	13.90	13.97	14.05	15.0	0.0	
Channel									
Frequency (MHz)				503202 <th>518598<th>534000<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>534000<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	534000 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2618.01 <th>2592.99<th>2670<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2670<th>(dBm)</th><th colspan="2"></th></th>	2670 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
40	QPSK	1	53	13.92	14.09	13.99	15.0	0.0	
Channel									
Frequency (MHz)				502200 <th>518598<th>534998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>534998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	534998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2511 <th>2592.99<th>2674.98<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2674.98<th>(dBm)</th><th colspan="2"></th></th>	2674.98 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
30	QPSK	1	39	13.92	13.98	13.85	15.0	0.0	
Channel									
Frequency (MHz)				507204 <th>518598<th>530998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>530998<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	530998 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
				2506.02 <th>2592.99<th>2679.99<th>(dBm)</th><th colspan="2"></th></th></th>	2592.99 <th>2679.99<th>(dBm)</th><th colspan="2"></th></th>	2679.99 <th>(dBm)</th> <th colspan="2"></th>	(dBm)		
20	QPSK	1	26	14.01	14.13	13.94	15.0	0.0	

n41 Ant 4_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				506202	518598	528000			
				2546.01	2592.99	2640			
100	Pl2 BPSK	1	1	20.39	20.50	20.32	21.5	0.0	
100	Pl2 BPSK	1	137	20.43	20.59	20.31			
100	Pl2 BPSK	1	271	20.48	20.52	20.53			
100	Pl2 BPSK	136	0	20.56	20.62	20.44			
100	Pl2 BPSK	136	69	20.45	20.48	20.43	21.5	0.0	
100	Pl2 BPSK	136	138	20.51	20.55	20.38	21.5	0.0	
100	Pl2 BPSK	270	0	20.34	20.57	20.25	21.5	0.0	
100	QPSK	1	1	20.60	20.52	20.37			
100	QPSK	1	137	20.56	20.67	20.50			
100	QPSK	1	271	20.17	20.48	20.45			
100	QPSK	136	0	20.52	20.52	20.39	21.5	0.0	
100	QPSK	136	69	20.44	20.54	20.24	21.5	0.0	
100	QPSK	136	138	20.52	20.47	20.39	21.5	0.0	
100	QPSK	270	0	20.28	20.44	20.21			
100	16QAM	1	1	20.41	20.53	20.26	21.5	0.0	
100	64QAM	1	1	20.19	20.47	20.21	21.5	0.0	
100	256QAM	1	1	20.58	20.47	20.63	21.5	0.0	
Channel									
Frequency (MHz)				506200 <th>518598<th>528000<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th></th>	518598 <th>528000<th>Tune-up limit (dBm)</th><th colspan="2">MPR (dB)</th></th>	528000 <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	20.45	20.57	20.54	21.5	0.0	
Channel				518598	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	21.5	0.0	
80	QPSK	1	109	20.48	20.58	20.51	21.5	0.0	
Channel				505200	518598	531998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2492.00	2592.99	2693.99	21.5	0.0	
60	QPSK	1	81	20.55	20.55	20.44	21.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.02	2592.99	2693.99	21.5	0.0	
50	QPSK	1	67	20.48	20.50	20.49	21.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	21.5	0.0	
40	QPSK	1	53	20.48	20.62	20.44	21.5	0.0	
Channel				502200	518598	536998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	21.5	0.0	
30	QPSK	1	39	20.39	20.54	20.27	21.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505.02	2592.99	2673.99	21.5	0.0	
20	QPSK	1	26	20.46	20.55	20.46	21.5	0.0	



n7 Ant 5_DSI 1&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				500000	507000	510000	12.0	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	11.40	11.50	11.33			
40	PI2 BPSK	1	108	11.58	11.58	11.45	12.0	0.0	
40	PI2 BPSK	1	214	11.29	11.40	11.48			
40	PI2 BPSK	108	0	11.62	11.65	11.47			
40	PI2 BPSK	108	54	11.55	11.58	11.51	12.0	0.0	
40	PI2 BPSK	108	108	11.58	11.59	11.59	12.0	0.0	
40	PI2 BPSK	216	0	11.52	11.65	11.43			
40	QPSK	1	1	11.54	11.57	11.47			
40	QPSK	1	108	11.65	11.65	11.63	12.0	0.0	
40	QPSK	1	214	11.52	11.58	11.50			
40	QPSK	108	0	11.45	11.55	11.54		0.0	
40	QPSK	108	54	11.57	11.61	11.60	12.0	0.0	
40	QPSK	108	108	11.50	11.60	11.51	12.0	0.0	
40	QPSK	216	0	11.53	11.63	11.45			
40	16QAM	1	1	11.29	11.37	11.26	12.0	0.0	
40	64QAM	1	1	11.31	11.34	11.16	12.0	0.0	
40	256QAM	1	1	11.40	11.53	11.33	12.0	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	12.0	0.0	
30	QPSK	1	80	11.63	11.55	11.50			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	12.0	0.0	
25	QPSK	1	67	11.65	11.62	11.49			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	12.0	0.0	
20	QPSK	1	53	11.45	11.48	11.53			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	12.0	0.0	
15	QPSK	1	40	11.51	11.60	11.52			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	12.0	0.0	
10	QPSK	1	26	11.62	11.58	11.53			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	12.0	0.0	
5	QPSK	1	13	11.54	11.46	11.41			

n7 Ant 5_DSI 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				505000	507000	510000	23.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	22.74	22.96	22.97			
40	PI2 BPSK	1	108	22.89	22.94	22.90	23.5	0.0	
40	PI2 BPSK	1	214	22.91	22.93	22.93			
40	PI2 BPSK	108	0	22.72	22.88	22.70			
40	PI2 BPSK	108	54	22.76	22.90	22.78	23.5	0.0	
40	PI2 BPSK	108	108	22.83	22.94	22.77			
40	PI2 BPSK	216	0	22.75	22.95	22.96			
40	QPSK	1	1	22.93	22.96	22.93	23.5	0.0	
40	QPSK	1	108	22.96	22.98	22.78			
40	QPSK	1	214	22.83	22.91	22.84			
40	QPSK	108	0	22.68	22.86	22.52	23.5	0.0	
40	QPSK	108	54	22.80	22.92	22.87			
40	QPSK	108	108	22.91	22.86	22.98			
40	QPSK	216	0	22.87	22.97	22.86	23.5	0.0	
40	16QAM	1	1	22.30	22.52	22.52			
40	64QAM	1	1	22.80	22.02	21.90	23.0	0.5	
40	256QAM	1	1	20.10	20.05	20.04	21.0	2.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	23.5	0.0	
30	QPSK	1	80	22.97	22.90	22.86			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	23.5	0.0	
25	QPSK	1	67	22.80	22.92	22.76			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	23.5	0.0	
20	QPSK	1	53	22.98	22.92	22.73			
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	23.5	0.0	
15	QPSK	1	40	22.76	22.92	22.65			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	23.5	0.0	
10	QPSK	1	26	22.95	22.82	22.59			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	23.5	0.0	
5	QPSK	1	13	22.98	22.84	22.67			

n7 Ant 5_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				504000	507000	510000	18.5	0.0	
Frequency (MHz)				2520	2535	2550			
40	PI2 BPSK	1	1	17.72	17.96	17.99			
40	PI2 BPSK	1	108	18.02	17.92	17.91	18.5	0.0	
40	PI2 BPSK	1	214	17.62	18.00	17.84			
40	PI2 BPSK	108	0	17.66	17.94	17.58			
40	PI2 BPSK	108	54	17.83	17.94	17.83	18.5	0.0	
40	PI2 BPSK	108	108	17.94	18.02	17.66			
40	PI2 BPSK	216	0	17.72	18.01	17.97			
40	QPSK	1	1	18.03	18.06	18.01	18.5	0.0	
40	QPSK	1	108	18.08	18.12	17.73			
40	QPSK	1	214	17.84	17.85	17.75			
40	QPSK	108	0	17.62	17.59	17.63	18.5	0.0	
40	QPSK	108	54	17.78	17.84	17.80			
40	QPSK	108	108	17.80	17.82	17.75			
40	QPSK	216	0	17.77	18.03	17.91	18.5	0.0	
40	16QAM	1	1	17.37	17.62	17.40			
40	64QAM	1	1	17.12	16.94	17.01	18.0	0.5	
40	256QAM	1	1	14.98	14.93	15.05	16.0	2.5	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	18.5	0.0	
30	QPSK	1	80	17.95	17.96	17.73			
Channel				502500	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	18.5	0.0	
25	QPSK	1	67	17.76	17.82	17.73			
Channel				502000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	18.5	0.0	
20	QPSK	1	53	17.97	17.79	17.78			
Channel				501000	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	18.5	0.0	
15	QPSK	1	40	17.83	18.02	17.67			
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	18.5	0.0	
10	QPSK	1	26	17.82	17.92	17.66			
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	18.5	0.0	
5	QPSK	1	13	17.59	17.79	17.66			



n66 Ant 5_DSI 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	15.17	15.20	15.15	16.5	0.0
40	PI/2 BPSK	1	163	15.18	15.18	15.10		
40	PI/2 BPSK	1	214	15.04	15.14	15.07		
40	PI/2 BPSK	108	0	15.15	15.22	15.06	16.5	0.0
40	PI/2 BPSK	108	54	15.08	15.20	15.20	16.5	0.0
40	PI/2 BPSK	108	108	15.12	15.18	15.15	16.5	0.0
40	PI/2 BPSK	216	0	15.01	15.18	15.17		
40	QPSK	1	1	15.05	15.12	15.10		
40	QPSK	1	108	15.20	15.23	15.16	16.5	0.0
40	QPSK	1	214	15.01	15.05	14.92		
40	QPSK	108	0	15.07	15.11	15.08		
40	QPSK	108	54	15.11	15.17	15.15	16.5	0.0
40	QPSK	108	108	14.99	15.14	15.04	16.5	0.0
40	QPSK	216	0	15.07	15.19	15.15		
40	16QAM	1	1	15.03	15.21	15.07		
40	64QAM	1	1	14.97	15.13	14.99	16.5	0.0
40	256QAM	1	1	15.12	15.20	15.20	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	80	15.19	15.21	15.13	16.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	53	14.99	15.06	15.13	16.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	40	15.21	15.04	15.10	16.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	26	15.10	15.21	15.05	16.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	13	15.19	15.22	15.10	16.5	0.0

n66 Ant 5_DSI 5								
BW (MHz)	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	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	16.23	16.30	16.18	17.5	0.0
40	PI/2 BPSK	1	108	16.13	16.25	16.20		
40	PI/2 BPSK	1	214	15.99	16.12	16.12		
40	PI/2 BPSK	108	0	16.04	16.25	16.09	17.5	0.0
40	PI/2 BPSK	108	54	16.08	16.08	16.11	17.5	0.0
40	PI/2 BPSK	108	108	16.21	16.28	16.12	17.5	0.0
40	PI/2 BPSK	216	0	16.06	16.23	16.02		
40	QPSK	1	1	16.30	16.30	16.13		
40	QPSK	1	108	16.20	16.31	16.15	17.5	0.0
40	QPSK	1	214	16.10	16.10	16.04		
40	QPSK	108	0	16.06	16.22	16.04		
40	QPSK	108	54	16.14	16.23	16.14	17.5	0.0
40	QPSK	108	108	16.22	16.20	16.18	17.5	0.0
40	QPSK	216	0	16.04	16.25	16.06		
40	16QAM	1	1	16.06	16.12	15.98		
40	64QAM	1	1	15.99	16.05	15.94	17.5	0.0
40	256QAM	1	1	15.99	16.21	16.17	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1725	1745	1765	(dbm)	(db)
30	QPSK	1	80	16.21	16.25	15.98	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1720	1745	1770	(dbm)	(db)
20	QPSK	1	53	16.16	16.23	16.12	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1717.5	1745	1772.5 <th>(dbm)</th> <th>(db)</th>	(dbm)	(db)
15	QPSK	1	40	16.13	16.12	15.98	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1715 <th>1745</th> <th>1775<th>(dbm)</th><th>(db)</th></th>	1745	1775 <th>(dbm)</th> <th>(db)</th>	(dbm)	(db)
10	QPSK	1	26	16.04	16.21	16.09	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dbm)	MPR (db)
Frequency (MHz)				1712.5 <th>1745</th> <th>1777.5<th>(dbm)</th><th>(db)</th></th>	1745	1777.5 <th>(dbm)</th> <th>(db)</th>	(dbm)	(db)
5	QPSK	1	13	16.08	16.18	16.00	17.5	0.0



n38 Ant 5_DSI 1&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				519004	519000	519996			
Frequency (MHz)				2598.02	2595	2599.98			
40	PI2 BPSK	1	1	12.61	12.52	12.62		13.0	0.0
40	PI2 BPSK	1	53	12.36	12.58	12.37			
40	PI2 BPSK	1	104	12.68	12.66	12.51			
40	PI2 BPSK	50	0	12.55	12.65	12.63	13.0	0.0	
40	PI2 BPSK	50	28	12.54	12.59	12.60	13.0	0.0	
40	PI2 BPSK	50	56	12.45	12.54	12.34		13.0	0.0
40	PI2 BPSK	100	0	12.48	12.69	12.48			
40	QPSK	1	1	12.68	12.70	12.67			
40	QPSK	1	53	12.53	12.64	12.63	13.0	0.0	
40	QPSK	1	104	12.50	12.66	12.61		13.0	0.0
40	QPSK	50	0	12.58	12.66	12.49			
40	QPSK	50	28	12.43	12.63	12.55	13.0	0.0	
40	QPSK	50	56	12.48	12.59	12.53	13.0	0.0	
40	QPSK	100	0	12.65	12.67	12.56		13.0	0.0
40	16QAM	1	1	12.40	12.60	12.57			
40	64QAM	1	1	12.34	12.50	12.36	13.0	0.0	
40	256QAM	1	1	12.55	12.57	12.44	13.0	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	12.53	12.56	12.56	13.0	0.0	
Channel				516003	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	12.62	12.59	12.63	13.0	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	12.67	12.52	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	12	12.59	12.63	12.65	13.0	0.0	

n38 Ant 5_DSI 1&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				519004	519000	519996			
Frequency (MHz)				2598.02	2595	2599.98			
40	PI2 BPSK	1	1	18.13	18.18	18.12		18.5	0.0
40	PI2 BPSK	1	53	18.00	18.05	18.05			
40	PI2 BPSK	1	104	18.17	18.22	18.09			
40	PI2 BPSK	50	0	17.50	17.46	17.58	18.5	0.0	
40	PI2 BPSK	50	28	18.01	18.16	18.15	18.5	0.0	
40	PI2 BPSK	50	56	17.62	17.48	17.45		18.5	0.0
40	PI2 BPSK	100	0	17.45	17.48	17.85			
40	QPSK	1	1	18.22	18.20	18.07			
40	QPSK	1	53	18.22	18.23	18.20	18.5	0.0	
40	QPSK	1	104	18.13	18.06	18.22		18.5	0.0
40	QPSK	50	0	17.63	17.56	17.45			
40	QPSK	50	28	18.00	18.01	18.00	18.5	0.0	
40	QPSK	50	56	17.46	17.52	17.40	18.5	0.0	
40	QPSK	100	0	17.43	17.45	17.45		18.5	0.0
40	16QAM	1	1	17.46	17.54	17.50			
40	64QAM	1	1	15.74	15.66	15.55	18.5	0.0	
40	256QAM	1	1	13.56	13.75	13.64	18.5	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99			
30	QPSK	1	39	18.22	18.18	18.13	18.5	0.0	
Channel				516003	519000	522000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	18.09	18.14	17.97	18.5	0.0	
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49			
15	QPSK	1	19	18.19	18.11	18.17	18.5	0.0	
Channel				515004	519000	522996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	17.98	17.91	18.15	18.5	0.0	



n41 Ant 5_DSI 1&5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				508202	518598	529200			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI2 BPSK	1	1	12.56	12.68	12.51	13.0		0.0
100	PI2 BPSK	1	137	12.50	12.57	12.59			
100	PI2 BPSK	1	271	12.47	12.54	12.35			
100	PI2 BPSK	135	0	12.44	12.53	12.39	13.0	0.0	0.0
100	PI2 BPSK	135	69	12.40	12.51	12.50	13.0	0.0	0.0
100	PI2 BPSK	135	138	12.26	12.48	12.37	13.0		0.0
100	PI2 BPSK	270	0	12.44	12.51	12.41			
100	QPSK	1	1	12.70	12.71	12.68			
100	QPSK	1	137	12.57	12.72	12.70	13.0		0.0
100	QPSK	1	271	12.41	12.55	12.57			
100	QPSK	135	0	12.44	12.50	12.52			
100	QPSK	135	69	12.43	12.55	12.35	13.0	0.0	0.0
100	QPSK	135	138	12.48	12.50	12.36	13.0		0.0
100	QPSK	270	0	12.43	12.49	12.47			
100	16QAM	1	1	12.44	12.51	12.49			
100	64QAM	1	1	12.42	12.41	12.40	13.0	0.0	0.0
100	256QAM	1	1	12.35	12.42	12.25	13.0	0.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	12.45	12.67	12.5	13.0	0.0	0.0
Channel				507204	518598	529199	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	109	12.53	12.66	12.72	13.0	0.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	81	12.42	12.55	12.7	13.0	0.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	67	12.41	12.51	12.48	13.0	0.0	0.0
Channel				503202	518598	533000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	12.58	12.54	12.61	13.0	0.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.95			
30	QPSK	1	39	12.35	12.50	12.62	13.0	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	25	12.45	12.54	12.51	13.0	0.0	0.0

n41 Ant 5_DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				508202	518598	528996			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	18.15	18.01	18.01	18.5		0.0
100	PI/2 BPSK	1	137	18.09	18.11	18.17			
100	PI/2 BPSK	1	271	18.00	18.15	17.98			
100	PI/2 BPSK	135	0	17.50	17.49	17.45	18.5	0.0	0.0
100	PI/2 BPSK	135	69	18.08	18.06	18.05	18.5	0.0	0.0
100	PI/2 BPSK	135	138	17.44	17.53	17.56	18.5		0.0
100	PI/2 BPSK	270	0	17.56	17.47	17.58			
100	QPSK	1	1	18.11	18.09	18.03			
100	QPSK	1	137	18.12	18.14	18.15	18.5		0.0
100	QPSK	1	271	17.14	18.25	18.08			
100	QPSK	135	0	17.30	17.10	17.12			
100	QPSK	135	69	18.09	18.17	18.12	18.5	0.0	0.0
100	QPSK	135	138	17.23	17.07	17.12	18.5		0.0
100	QPSK	270	0	17.12	17.17	17.09			
100	16QAM	1	1	17.04	17.19	17.10			
100	64QAM	1	1	15.56	15.65	15.60	18.5	0.0	0.0
100	256QAM	1	1	13.71	13.60	13.74	18.5	0.0	0.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98			
90	QPSK	1	123	18.19	18.18	18.07	18.5	0.0	0.0
Channel				507204	518598	529199	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	109	17.94	18.08	18.14	18.5	0.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	81	18.05	17.97	18.16	18.5	0.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	67	18.05	18.11	18.11	18.5	0.0	0.0
Channel				503202	518598	533000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	53	18.07	18.04	18.04	18.5	0.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	39	18.08	18.13	18.09	18.5	0.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	26	18.01	17.98	17.95	18.5	0.0	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								
Frequency (MHz)								
				3750	3840	3930		
100	Pl2 BPSK	1	1	16.04	16.14	16.05		
100	Pl2 BPSK	1	137	15.87	15.99	15.87	17.5	0.0
100	Pl2 BPSK	1	271	15.86	16.10	15.97		
100	Pl2 BPSK	136	0	16.10	16.13	16.92	17.5	0.0
100	Pl2 BPSK	136	69	16.11	16.04	16.02	17.5	0.0
100	Pl2 BPSK	136	138	15.93	16.12	15.96		
100	Pl2 BPSK	270	0	15.81	16.13	15.90	17.5	0.0
100	QPSK	1	1	15.91	16.05	15.96		
100	QPSK	1	137	15.92	16.15	15.81	17.5	0.0
100	QPSK	1	271	15.11	16.10	15.82		
100	QPSK	136	0	16.00	16.06	16.05	17.5	0.0
100	QPSK	136	69	15.96	16.14	15.75	17.5	0.0
100	QPSK	136	138	16.00	16.10	15.89		
100	QPSK	270	0	16.07	16.08	16.02	17.5	0.0
100	16QAM	1	1	15.94	16.13	16.10	17.5	0.0
100	64QAM	1	1	16.06	15.96	15.97	17.5	0.0
100	256QAM	1	1	15.99	16.10	16.12	17.5	0.0
Channel								
Frequency (MHz)								
				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	123	15.69	15.92	15.64	17.5	0.0
Channel								
Frequency (MHz)								
				648334	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	109	15.80	15.91	15.69	17.5	0.0
Channel								
Frequency (MHz)								
				3735	3840	3945		
70	QPSK	1	96	15.76	15.88	15.64	17.5	0.0
Channel								
Frequency (MHz)								
				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3725.01	3840	3955.02	(dBm)	(dB)
60	QPSK	1	81	15.76	15.99	15.64	17.5	0.0
Channel								
Frequency (MHz)								
				648334	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3720.02	3840	3960.01	(dBm)	(dB)
50	QPSK	1	67	15.73	15.99	15.55	17.5	0.0
Channel								
Frequency (MHz)								
				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	53	15.69	15.83	15.71	17.5	0.0
Channel								
Frequency (MHz)								
				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	39	15.64	16.06	15.71	17.5	0.0
Channel								
Frequency (MHz)								
				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	26	15.76	15.88	15.64	17.5	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								
Frequency (MHz)								
				650000	656000	662000		
100	Pl2 BPSK	1	1	16.64	16.72	16.73		
100	Pl2 BPSK	1	137	16.50	16.48	16.41	20.0	0.0
100	Pl2 BPSK	1	271	16.38	16.71	16.62		
100	Pl2 BPSK	136	0	16.76	16.61	16.43	20.0	0.0
100	Pl2 BPSK	136	69	16.66	16.60	16.71	20.0	0.0
100	Pl2 BPSK	136	138	16.54	16.70	16.49		
100	Pl2 BPSK	270	0	16.47	16.72	16.52	20.0	0.0
100	QPSK	1	1	16.60	16.62	16.49		
100	QPSK	1	137	16.46	16.77	16.45	20.0	0.0
100	QPSK	1	271	16.70	16.66	16.53		
100	QPSK	136	0	16.60	16.67	16.69	20.0	0.0
100	QPSK	136	69	16.60	16.76	16.45	20.0	0.0
100	QPSK	136	138	16.64	16.74	16.52		
100	QPSK	270	0	16.71	16.73	16.64	20.0	0.0
100	16QAM	1	1	16.51	16.69	16.75	20.0	0.0
100	64QAM	1	1	16.76	16.53	16.46	20.0	0.0
100	256QAM	1	1	16.48	16.70	16.75	20.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3745.02	3840	3935.01	(dBm)	(dB)
90	QPSK	1	123	16.37	16.54	16.38	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3740.01	3840	3940.02	(dBm)	(dB)
80	QPSK	1	109	16.32	16.64	16.24	20.0	0.0
Channel								
Frequency (MHz)								
				3735	3840	3945		
70	QPSK	1	96	16.28	16.58	16.37	20.0	0.0
Channel								
Frequency (MHz)								
				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3725.01	3840	3955.02	(dBm)	(dB)
60	QPSK	1	81	16.32	16.60	16.29	20.0	0.0
Channel								
Frequency (MHz)								
				648334	656000	662334	Tune-up limit (dBm)	MPR (dB)
				3720.02	3840	3960.01	(dBm)	(dB)
50	QPSK	1	67	16.30	16.60	16.34	20.0	0.0
Channel								
Frequency (MHz)								
				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
				3720	3840	3960	(dBm)	(dB)
40	QPSK	1	53	16.20	16.49	16.22	20.0	0.0
Channel								
Frequency (MHz)								
				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
				3715.02	3840	3965.01	(dBm)	(dB)
30	QPSK	1	39	16.23	16.69	16.21	20.0	0.0
Channel								
Frequency (MHz)								
				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
				3710.01	3840	3970.02	(dBm)	(dB)
20	QPSK	1	26	16.32	16.46	16.34	20.0	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								
Frequency (MHz)								
				3750	3840	3930		
100	Pv2 BPSK	1	1	14.47	14.53	14.55		
100	Pv2 BPSK	1	137	14.32	14.27	14.09	16.0	0.0
100	Pv2 BPSK	1	271	14.15	14.51	14.36		
100	Pv2 BPSK	136	0	14.51	14.28	14.33	16.0	0.0
100	Pv2 BPSK	136	69	14.38	14.50	14.40	16.0	0.0
100	Pv2 BPSK	136	138	14.29	14.42	14.29		
100	Pv2 BPSK	270	0	14.38	14.44	14.33	16.0	0.0
100	QPSK	1	1	14.49	14.48	14.27		
100	QPSK	1	137	14.26	14.62	14.35	16.0	0.0
100	QPSK	1	271	14.42	14.41	14.20		
100	QPSK	136	0	14.36	14.40	14.38	16.0	0.0
100	QPSK	136	69	14.40	14.42	14.06	16.0	0.0
100	QPSK	136	138	14.41	14.40	14.24		
100	QPSK	270	0	14.40	14.42	14.38	16.0	0.0
100	16QAM	1	1	14.33	14.37	14.60	16.0	0.0
100	64QAM	1	1	14.60	14.45	14.16	16.0	0.0
100	256QAM	1	1	14.36	14.45	14.60	16.0	0.0
Channel								
				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
90	Qv2			3742.05	3840	3930.01	0.0	0.0
	Channel			14.08	14.53	14.53		
	Frequency (MHz)			945334	952668	959668	Tune-up limit (dBm)	MPR (dB)
80	Qv2SK			3740.01	3840	3940.02	0.0	0.0
	Channel			14.12	14.49	13.91	16.0	0.0
	Frequency (MHz)			945102	952600	959500	Tune-up limit (dBm)	MPR (dB)
70	Qv2SK			3735	3840	3940	16.0	0.0
	Channel			14.10	14.40	14.06	16.0	0.0
	Frequency (MHz)			944968	952534	959334	Tune-up limit (dBm)	MPR (dB)
60	Qv2SK			3730	3840	3940.01	16.0	0.0
	Channel			14.04	14.45	14.15	16.0	0.0
	Frequency (MHz)			944834	952400	959368	Tune-up limit (dBm)	MPR (dB)
50	Qv2SK			3725.01	3840	3940.02	16.0	0.0
	Channel			14.01	14.40	14.10	16.0	0.0
	Frequency (MHz)			944700	952268	959232	Tune-up limit (dBm)	MPR (dB)
40	Qv2SK			3720	3840	3960	16.0	0.0
	Channel			14.05	14.39	14.10	16.0	0.0
	Frequency (MHz)			944564	952134	959102	Tune-up limit (dBm)	MPR (dB)
30	Qv2SK			3715.00	3840	3960.01	16.0	0.0
	Channel			14.10	14.45	14.10	16.0	0.0
	Frequency (MHz)			944430	952000	959068	Tune-up limit (dBm)	MPR (dB)
20	Qv2SK			3710.01	3840	3970.02	16.0	0.0
	Channel			14.15	14.44	14.14	16.0	0.0
	Frequency (MHz)			944296	951864	958932	Tune-up limit (dBm)	MPR (dB)

PC3 Par27Q n77_Ant6 DSI 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	PB2 BPSK	1	1	15.91	15.94		
100	PB2 BPSK	1	137	15.94	15.94		17.5
100	PB2 BPSK	1	271	15.77			
100	PB2 BPSK	135	0	15.88			17.5
100	PB2 BPSK	135	69	15.88			0.0
100	PB2 BPSK	135	138	15.92			17.5
100	PB2 BPSK	270	0	15.91			0.0
100	QPSK	1	1	15.87			
100	QPSK	1	137	16.00			17.5
100	QPSK	1	271	15.95			0.0
100	QPSK	135	0	15.81			17.5
100	QPSK	135	69	15.85			0.0
100	QPSK	135	138	15.88			17.5
100	QPSK	270	0	15.94			0.0
100	16QAM	1	1	15.74			17.5
100	64QAM	1	1	15.85			0.0
100	256QAM	1	1	15.75			0.0
Channel							
Frequency (MHz)				633000	633334	633666	Tune-up limit
				3495	3000.01	3004.99	MPR
90	QPSK	1	123	15.60	15.70	15.55	17.5
Channel							
Frequency (MHz)				632688	633334	634000	Tune-up limit
				3490.02	3000.01	3510	MPR
80	QPSK	1	109	15.69	15.94	15.49	17.5
Channel							
Frequency (MHz)				633334	633334	635112	Tune-up limit
				3485.01	3000.01	3514.98	MPR
70	QPSK	1	95	15.69	15.94	15.47	17.5
Channel							
Frequency (MHz)				632000	633334	634666	Tune-up limit
				3495	3000.01	3519.99	MPR
60	QPSK	1	81	15.66	15.82	15.51	17.5
Channel							
Frequency (MHz)				631688	633334	635000	Tune-up limit
				3475.02	3000.01	3525	MPR
50	QPSK	1	67	15.81	15.98	15.51	17.5
Channel							
Frequency (MHz)				631334	633334	635332	Tune-up limit
				3470.01	3000.01	3529.98	MPR
40	QPSK	1	53	15.62	15.77	15.65	17.5
Channel							
Frequency (MHz)				631000	633334	635666	Tune-up limit
				3465	3000.01	3534.99	MPR
30	QPSK	1	39	15.78	15.99	15.63	17.5
Channel							
Frequency (MHz)				630666	633334	636000	Tune-up limit
				3460.02	3000.01	3540	MPR
15	QPSK	1	19	15.76	15.93	15.59	17.5

PC3 Par27Q n77_Ant6 DSI 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	PB2 BPSK	1	1	18.51	18.59		
100	PB2 BPSK	1	137	18.59			20.0
100	PB2 BPSK	1	271	18.30			
100	PB2 BPSK	135	0	18.48			20.0
100	PB2 BPSK	135	69	18.43			0.0
100	PB2 BPSK	135	138	18.60			20.0
100	PB2 BPSK	270	0	18.51			0.0
100	QPSK	1	1	18.43			
100	QPSK	1	137	18.60			20.0
100	QPSK	1	271	18.52			0.0
100	QPSK	135	0	18.49			25.0
100	QPSK	135	69	18.58			0.0
100	QPSK	135	138	18.47			20.0
100	QPSK	270	0	18.55			0.0
100	16QAM	1	1	18.29			25.0
100	64QAM	1	1	18.48			0.0
100	256QAM	1	1	18.38			20.0
Channel							
Frequency (MHz)				633000	633334	633666	Tune-up limit
				3495	3000.01	3004.99	MPR
90	QPSK	1	123	18.31	18.29	18.18	20.0
Channel							
Frequency (MHz)				632688	633334	634000	Tune-up limit
				3490.02	3000.01	3510	MPR
80	QPSK	1	109	18.26	18.47	18.07	20.0
Channel							
Frequency (MHz)				632334	633334	635112	Tune-up limit
				3485.01	3000.01	3514.98	MPR
70	QPSK	1	95	18.27	18.46	18.26	20.0
Channel							
Frequency (MHz)				632000	633334	634666	Tune-up limit
				3495	3000.01	3519.99	MPR
60	QPSK	1	81	18.23	18.27	18.12	20.0
Channel							
Frequency (MHz)				631688	633334	635000	Tune-up limit
				3475.02	3000.01	3525	MPR
50	QPSK	1	67	18.34	18.50	18.19	20.0
Channel							
Frequency (MHz)				631334	633334	635332	Tune-up limit
				3470.01	3000.01	3529.98	MPR
40	QPSK	1	53	18.20	18.30	18.27	20.0
Channel							
Frequency (MHz)				631000	633334	635666	Tune-up limit
				3465	3000.01	3534.99	MPR
30	QPSK	1	39	18.27	18.40	18.03	20.0
Channel							
Frequency (MHz)				630666	633334	636000	Tune-up limit
				3460.02	3000.01	3540	MPR
15	QPSK	1	19	18.20	18.46	18.19	20.0

PC3 Par27Q n77_Ant6 DSI 3							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel							
Frequency (MHz)							
100	PB2 BPSK	1	1	14.49	14.39		
100	PB2 BPSK	1	137	14.23			16.0
100	PB2 BPSK	1	271	14.23			
100	PB2 BPSK	135	0	14.29			16.0
100	PB2 BPSK	135	69	14.29			0.0
100	PB2 BPSK	135	138	14.32			16.0
100	PB2 BPSK	270	0	14.46			0.0
100	QPSK	1	1	14.41			
100	QPSK	1	137	14.35			16.0
100	QPSK	1	271	14.42			0.0
100	QPSK	135	0	14.37			16.0
100	QPSK	135	69	14.40			0.0
100	QPSK	135	138	14.37			16.0
100	QPSK	270	0	14.41			0.0
100	16QAM	1	1	14.17			16.0
100	64QAM	1	1	14.31			0.0
100	256QAM	1	1	14.21			0.0
Channel							
Frequency (MHz)				633000	633334	633666	Tune-up limit
				3495	3000.01	3004.99	MPR
90	QPSK	1	123	14.23	14.12	14.02	16.0
Channel							
Frequency (MHz)				632688	633334	634000	Tune-up limit
				3490.02	3000.01	3510	MPR
80	QPSK	1	109	14.19	14.38	13.81	16.0
Channel							
Frequency (MHz)				632334	633334	635112	Tune-up limit
				3485.01	3000.01	3514.98	MPR
70	QPSK	1	95	14.11	14.38	14.19	16.0
Channel							
Frequency (MHz)				632000	633334	634666	Tune-up limit
				3495	3000.01	3519.99	MPR
60	QPSK	1	81	14.13	14.10	14.02	16.0
Channel							
Frequency (MHz)				631688	633334	635000	Tune-up limit
				3475.02	3000.01	3525	MPR
50	QPSK	1	67	14.25	14.34	13.96	16.0
Channel							
Frequency (MHz)				631334	633334	635332	Tune-up limit
				3470.01	3000.01	3529.98	MPR
40	QPSK	1	53	14.00	14.22	14.14	16.0
Channel							
Frequency (MHz)				631000	633334	635666	Tune-up limit
				3465	3000.01	3534.99	MPR
30	QPSK	1	39	14.18	14.15	13.93	16.0
Channel							
Frequency (MHz)				630666	633334	636000	Tune-up limit
				3460.02	3000.01	3540	MPR
15	QPSK	1	19	14.11	14.20	13.97	16.0



PC2&3 n78_Ant6 DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	13.48	37500				
100	Pl2 BPSK	1	137	13.45			15.0	0.0	
100	Pl2 BPSK	1	271	13.38					
100	Pl2 BPSK	136	0	13.22			15.0	0.0	
100	Pl2 BPSK	136	69	13.41			15.0	0.0	
100	Pl2 BPSK	136	138	13.50			15.0	0.0	
100	Pl2 BPSK	270	0	13.51					
100	QPSK	1	1	13.44					
100	QPSK	1	137	13.53			15.0	0.0	
100	QPSK	1	271	13.45					
100	QPSK	136	0	13.35			15.0	0.0	
100	QPSK	136	69	13.46			15.0	0.0	
100	QPSK	136	138	13.38			15.0	0.0	
100	QPSK	270	0	13.45					
100	16QAM	1	1	13.39			15.0	0.0	
100	64QAM	1	1	13.41			15.0	0.0	
100	256QAM	1	1	13.39			15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	13.42	37500	37500	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	13.26	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	96	13.43	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.39	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.37	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.38	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	39	13.23	37600	37600	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.34	37600	37600	Tune-up limit (dBm)	MPR (dB)	

PC2&3 n78_Ant6 DSI 5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	Pl2 BPSK	1	1	19.40					
100	Pl2 BPSK	1	137	19.33			21.0		0.0
100	Pl2 BPSK	1	271	19.20					
100	Pl2 BPSK	136	0	19.23			21.0		0.0
100	Pl2 BPSK	136	69	19.26			21.0		0.0
100	Pl2 BPSK	136	138	19.32			21.0		0.0
100	Pl2 BPSK	270	0	19.42					
100	QPSK	1	1	19.38					
100	QPSK	1	137	19.50			21.0		0.0
100	QPSK	1	271	19.38					
100	QPSK	136	0	19.34			21.0		0.0
100	QPSK	136	69	19.40			21.0		0.0
100	QPSK	136	138	19.39			21.0		0.0
100	QPSK	270	0	19.35					
100	16QAM	1	1	19.30			21.0		0.0
100	64QAM	1	1	19.29			21.0		0.0
100	256QAM	1	1	19.29			21.0		0.0
Channel									
Frequency (MHz)				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
3745.02				3750	3755.01				
90	QPSK	1	123	19.19	19.28	18.96	21.0		0.0
Channel									
Frequency (MHz)				64940.01	650000	650600	Tune-up limit (dBm)	MPR (dB)	
3740.01				3750	3760.02				
80	QPSK	1	109	19.16	19.26	19.03	21.0		0.0
Channel									
Frequency (MHz)				64890.01	650000	650900	Tune-up limit (dBm)	MPR (dB)	
3735				3750	3765				
70	QPSK	1	96	19.05	19.27	19.07	21.0		0.0
Channel									
Frequency (MHz)				64868.0	650000	651334	Tune-up limit (dBm)	MPR (dB)	
3720.01				3750	3780.01				
60	QPSK	1	81	19.02	19.21	19.06	21.0		0.0
Channel									
Frequency (MHz)				64834.0	650000	651668	Tune-up limit (dBm)	MPR (dB)	
3725.01				3750	3775.02				
50	QPSK	1	67	19.11	19.29	19.92	21.0		0.0
Channel									
Frequency (MHz)				64800.0	650000	652000	Tune-up limit (dBm)	MPR (dB)	
3720				3750	3790				
40	QPSK	1	53	19.20	19.18	18.97	21.0		0.0
Channel									
Frequency (MHz)				64766.0	650000	652934	Tune-up limit (dBm)	MPR (dB)	
3715.02				3750	3785.01				
30	QPSK	1	39	19.21	19.26	18.94	21.0		0.0
Channel									
Frequency (MHz)				64732.0	650000	650996	Tune-up limit (dBm)	MPR (dB)	
3710.03				3750	3790.02				
20	QPSK	1	26	19.16	19.30	18.99	21.0		0.0

PC2&3 n78_Ant6 DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	13.82	3750				
100	Pl2 BPSK	1	137	13.96			15.5	0.0	
100	Pl2 BPSK	1	271	13.90					
100	Pl2 BPSK	136	0	13.87			15.5	0.0	
100	Pl2 BPSK	136	69	13.92			15.5	0.0	
100	Pl2 BPSK	136	138	13.93			15.5	0.0	
100	Pl2 BPSK	270	0	13.85					
100	QPSK	1	1	13.73					
100	QPSK	1	137	14.03			15.5	0.0	
100	QPSK	1	271	13.94					
100	QPSK	136	0	13.83			15.5	0.0	
100	QPSK	136	69	13.89			15.5	0.0	
100	QPSK	136	138	13.85			15.5	0.0	
100	QPSK	270	0	13.85					
100	16QAM	1	1	13.88			15.5	0.0	
100	64QAM	1	1	13.87			15.5	0.0	
100	256QAM	1	1	13.86			15.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	13.77	3750	3756.01	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	13.73	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
70	QPSK	1	96	13.94	3750	3765	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.89	3750	3765	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.94	3750	3770.01	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.79	3750	3780	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	QPSK	1	39	13.78	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.87	3750	3790.02	Tune-up limit (dBm)	MPR (dB)	



PC2&3 Par27Q n78_Ant6 DSI 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power/Medium Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				635334		3500.01			
Frequency (MHz)				13.35					
100	Pv2 BPSK	1	1	13.35	13.49	15.0	0.0		
100	Pv2 BPSK	1	137	13.35	13.49				
100	Pv2 BPSK	1	271	13.41	13.41				
100	Pv2 BPSK	135	0	13.30	13.30	15.0	0.0		
100	Pv2 BPSK	135	66	13.16	13.16	15.0	0.0		
100	Pv2 BPSK	135	138	13.23	13.23	15.0	0.0		
100	Pv2 BPSK	270	0	13.16	13.16	15.0	0.0		
100	QPSK	1	1	13.45	13.50	15.0	0.0		
100	QPSK	1	137	13.50	13.50				
100	QPSK	1	271	13.43	13.43				
100	QPSK	135	0	13.32	13.32	15.0	0.0		
100	QPSK	135	66	13.16	13.16	15.0	0.0		
100	QPSK	135	138	13.16	13.16	15.0	0.0		
100	QPSK	270	0	13.22	13.22	15.0	0.0		
100	16QAM	1	1	13.23	13.23	15.0	0.0		
100	64QAM	1	1	13.26	13.26	15.0	0.0		
100	256QAM	1	1	13.33	13.33	15.0	0.0		
Channel				635000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	13.22	13.22	13.02	15.0	0.0	
Channel				634666	635334	636000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	13.21	13.27	13.10	15.0	0.0	
Channel				634332	635334	636332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	13.25	13.43	13.12	15.0	0.0	
Channel				634000	635334	636666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3516.99	(dBm)	(dB)	
60	QPSK	1	81	13.02	13.24	13.17	15.0	0.0	
Channel				633666	635334	636900	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	13.24	13.22	13.10	15.0	0.0	
Channel				633334	635334	637332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	13.26	13.30	13.09	15.0	0.0	
Channel				633000	635334	637666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	13.08	13.24	13.01	15.0	0.0	
Channel				632666	635334	638000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	13.12	13.27	13.04	15.0	0.0	

PC2&3 Par27Q_Ant6 n78 DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				635334		3500.01			
Frequency (MHz)				19.36					
100	Pv2 BPSK	1	1	19.36	19.50	21.0	0.0		
100	Pv2 BPSK	1	137	19.36	19.50				
100	Pv2 BPSK	1	271	19.32	19.32				
100	Pv2 BPSK	135	0	19.20	19.20	21.0	0.0		
100	Pv2 BPSK	135	66	19.26	19.26	21.0	0.0		
100	Pv2 BPSK	135	138	19.13	19.13	21.0	0.0		
100	Pv2 BPSK	270	0	19.20	19.20	21.0	0.0		
100	QPSK	1	1	19.34	19.34	21.0	0.0		
100	QPSK	1	137	19.32	19.32				
100	QPSK	1	271	19.33	19.33				
100	QPSK	135	0	19.29	19.29	21.0	0.0		
100	QPSK	135	66	19.07	19.07	21.0	0.0		
100	QPSK	135	138	19.07	19.07	21.0	0.0		
100	QPSK	270	0	19.23	19.23	21.0	0.0		
100	16QAM	1	1	19.28	19.28	21.0	0.0		
100	64QAM	1	1	19.20	19.20	21.0	0.0		
100	256QAM	1	1	19.43	19.43	21.0	0.0		
Channel				633000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	19.21	19.32	19.04	21.0	0.0	
Channel				632666	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	19.15	19.26	19.01	21.0	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	19.21	19.24	18.94	21.0	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3516.99	(dBm)	(dB)	
60	QPSK	1	81	19.25	19.32	19.08	21.0	0.0	
Channel				631666	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	19.14	19.25	19.02	21.0	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	19.27	19.33	19.09	21.0	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	19.28	19.13	18.93	21.0	0.0	
Channel				630666	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	19.30	19.19	18.92	21.0	0.0	

PC2&3 Par27Q n78_Ant6 DSI 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Medium Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				635334		3500.01			
Frequency (MHz)				13.62					
100	Pv2 BPSK	1	1	13.62			15.5	0.0	
100	Pv2 BPSK	1	137	13.99					
100	Pv2 BPSK	1	271	13.86					
100	Pv2 BPSK	135	0	13.65		13.65	15.5	0.0	
100	Pv2 BPSK	135	66	13.85		13.85	15.5	0.0	
100	Pv2 BPSK	135	138	13.78		13.78	15.5	0.0	
100	Pv2 BPSK	270	0	13.86		13.86	15.5	0.0	
100	QPSK	1	1	13.86			15.5	0.0	
100	QPSK	1	137	13.62		13.62			
100	QPSK	1	271	13.78		13.78			
100	QPSK	135	0	13.71		13.71	15.5	0.0	
100	QPSK	135	66	13.93		13.93	15.5	0.0	
100	QPSK	135	138	13.85		13.85	15.5	0.0	
100	QPSK	270	0	13.83		13.83	15.5	0.0	
100	16QAM	1	1	13.79		13.79	15.5	0.0	
100	64QAM	1	1	13.86		13.86	15.5	0.0	
100	256QAM	1	1	13.95		13.95	15.5	0.0	
Channel				635000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	13.81	13.62	13.39	15.5		0.0
Channel				632666	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	13.75	13.79	13.47	15.5		0.0
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	13.99	13.61	13.34	15.5		0.0
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3518.99	(dBm)	(dB)	
60	QPSK	1	81	13.90	13.88	13.37	15.5		0.0
Channel				631666	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	13.71	13.15	13.43	15.5		0.0
Channel				631334	633334	633332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	13.82	13.74	13.34	15.5		0.0
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	13.69	13.82	13.33	15.5		0.0
Channel				630666	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	13.78	13.77	13.49	15.5		0.0



n7 Ant8_DSI 1&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 504000	Power Middle Ch. / Freq. 507000	Power High Ch. / Freq. 510000	Tune-up limit (dBm)	MPR (dB)	
Channel				2500	2535	2550			
40	PV2 BPSK	1	1	13.36	13.39	13.38	13.5	0.0	
40	PV2 BPSK	1	108	13.31	13.41	13.30			
40	PV2 BPSK	1	214	13.27	13.38	13.40			
40	PV2 BPSK	108	0	13.41	13.36	13.41	13.5	0.0	
40	PV2 BPSK	108	54	13.28	13.37	13.25	13.5	0.0	
40	PV2 BPSK	108	108	13.38	13.38	13.41	13.5	0.0	
40	PV2 BPSK	216	0	13.32	13.41	13.38	13.5	0.0	
40	QPSK	1	1	13.29	13.31	13.24	13.5	0.0	
40	QPSK	1	108	13.34	13.44	13.42			
40	QPSK	1	214	13.41	13.34	13.40			
40	QPSK	108	0	13.32	13.33	13.35	13.5	0.0	
40	QPSK	108	54	13.32	13.39	13.35	13.5	0.0	
40	QPSK	108	108	13.36	13.33	13.38	13.5	0.0	
40	QPSK	216	0	13.32	13.42	13.38	13.5	0.0	
40	16QAM	1	1	13.23	13.17	13.07	13.5	0.0	
40	64QAM	1	1	13.07	13.41	13.30	13.5	0.0	
40	256QAM	1	1	13.35	13.38	13.28	13.5	0.0	
Channel				503000	507000	511000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	80	13.42	13.32	13.41	13.5	0.0	
Channel				502000	507000	511500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	87	13.34	13.37	13.23	13.5	0.0	
Channel				501000	507000	512000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	QPSK	1	53	13.30	13.30	13.42	13.5	0.0	
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	40	13.42	13.31	13.32	13.5	0.0	
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	26	13.36	13.42	13.29	13.5	0.0	
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	13	13.30	13.20	13.30	13.5	0.0	

n7 Ant8_DSI4									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit	MPR	
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.			
Channel				504000	507000	510000			
Frequency (MHz)				2520	2535	2550			
40	PV2 BPSK	1	1	19.27	19.31	19.37	19.5	0.0	
40	PV2 BPSK	1	108	19.31	19.35	19.37			
40	PV2 BPSK	1	214	19.38	19.32	19.28			
40	PV2 BPSK	108	0	19.26	19.29	19.36	19.5	0.0	
40	PV2 BPSK	108	54	19.31	19.30	19.20	19.5	0.0	
40	PV2 BPSK	108	108	19.31	19.28	19.19	19.5	0.0	
40	PV2 BPSK	216	0	19.19	19.31	19.24	19.5	0.0	
40	QPSK	1	1	19.17	19.27	19.32	19.5	0.0	
40	QPSK	1	108	19.37	19.40	19.38			
40	QPSK	1	214	19.37	19.29	19.30			
40	QPSK	108	0	19.27	19.30	19.29	19.5	0.0	
40	QPSK	108	54	19.34	19.36	19.35	19.5	0.0	
40	QPSK	108	108	19.31	19.27	19.28	19.5	0.0	
40	QPSK	216	0	19.31	19.33	19.32	19.5	0.0	
40	16QAM	1	1	19.15	19.09	19.05	19.5	0.0	
40	64QAM	1	1	19.07	19.36	19.37	19.5	0.0	
40	256QAM	1	1	19.27	19.33	19.35	19.5	0.0	
Channel				503000	507000	511000	Tune-up limit	MPR	
Frequency (MHz)				2515	2535	2555	(dBm)	(dB)	
30	QPSK	1	80	19.20	19.30	19.35	19.5	0.0	
Channel				502000	507000	511500	Tune-up limit	MPR	
Frequency (MHz)				2512.5	2535	2557.5	(dBm)	(dB)	
25	QPSK	1	87	19.38	19.37	19.36	19.5	0.0	
Channel				501000	507000	512000	Tune-up limit	MPR	
Frequency (MHz)				2510	2535	2560	(dBm)	(dB)	
20	QPSK	1	53	19.32	19.28	19.28	19.5	0.0	
Channel				501500	507000	512500	Tune-up limit	MPR	
Frequency (MHz)				2507.5	2535	2562.5	(dBm)	(dB)	
15	QPSK	1	40	19.31	19.32	19.26	19.5	0.0	
Channel				501000	507000	513000	Tune-up limit	MPR	
Frequency (MHz)				2505	2535	2565	(dBm)	(dB)	
10	QPSK	1	26	19.24	13.36	13.19	19.5	0.0	
Channel				500500	507000	513500	Tune-up limit	MPR	
Frequency (MHz)				2502.5	2535	2567.5	(dBm)	(dB)	
5	QPSK	1	13	19.18	19.29	19.29	19.5	0.0	

n66 Ant8_DS1&5									
BW (MHz)	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)	
				Ch. / Freq.	Mid. Ch. / Freq.	High Ch. / Freq.			
Channel				346000	349000	352000			
Frequency (MHz)				1730	1745	1760			
40	PV2 BPSK	1	1	13.72	13.61	13.55	14.0	0.0	
40	PV2 BPSK	1	108	13.67	13.56	13.59			
40	PV2 BPSK	1	214	13.48	13.57	13.52			
40	PV2 BPSK	108	0	13.58	13.53	13.66	14.0	0.0	
40	PV2 BPSK	108	54	13.66	13.56	13.52	14.0	0.0	
40	PV2 BPSK	108	108	13.48	13.57	13.68	14.0	0.0	
40	PV2 BPSK	216	0	13.57	13.59	13.64	14.0	0.0	
40	QPSK	1	1	13.69	13.64	13.57	14.0	0.0	
40	QPSK	1	108	13.67	13.75	13.72			
40	QPSK	1	214	13.61	13.53	13.47			
40	QPSK	108	0	13.50	13.55	13.48	14.0	0.0	
40	QPSK	108	54	13.47	13.57	13.58	14.0	0.0	
40	QPSK	108	108	13.51	13.53	13.54	14.0	0.0	
40	QPSK	216	0	13.52	13.59	13.49	14.0	0.0	
40	16QAM	1	1	13.44	13.56	13.51	14.0	0.0	
40	64QAM	1	1	13.56	13.63	13.74	14.0	0.0	
40	256QAM	1	1	13.63	13.64	13.67	14.0	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	80	13.65	13.71	13.54	14.0	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	53	13.74	13.44	13.49	14.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1719.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	40	13.60 <td>13.49<td>13.44</td><td>14.0</td><td>0.0</td><td></td></td>	13.49 <td>13.44</td> <td>14.0</td> <td>0.0</td> <td></td>	13.44	14.0	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	26	13.67	13.66	13.57	14.0	0.0	
Channel				342000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1772.5	(dBm)	(dB)	
5	QPSK	1	13	13.75	13.61	13.54	14.0	0.0	

n38 Ant8_DS1&5									
BW [MHz]	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	13.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	12.97	13.08	13.16	13.5	0.0	
40	PI/2 BPSK	1	53	13.13	13.07	13.16			
40	PI/2 BPSK	1	104	13.04	12.98	13.08			
40	PI/2 BPSK	50	0	13.11	13.08	13.04			
40	PI/2 BPSK	50	28	13.10	13.02	13.09	13.5	0.0	
40	PI/2 BPSK	50	56	13.04	13.04	12.93			
40	PI/2 BPSK	100	0	12.98	13.00	13.06			
40	QPSK	1	1	12.95	13.05	13.14			
40	QPSK	1	53	13.23	13.30	13.28	13.5	0.0	
40	QPSK	1	104	13.08	12.97	13.07			
40	QPSK	50	0	13.12	13.10	13.05			
40	QPSK	50	28	12.98	13.05	13.12			
40	QPSK	50	56	13.01	13.06	13.09	13.5	0.0	
40	QPSK	100	0	12.92	13.04	13.13			
40	16QAM	1	1	13.18	13.06	13.02			
40	64QAM	1	1	13.00	13.05	13.10			
40	256QAM	1	1	13.11	13.04	13.07	13.5	0.0	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	13.5	0.0	
30	QPSK	1	39	13.13	12.90	13.01	13.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610		MPR (dB)	
20	QPSK	1	26	13.20	13.20	13.11			
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	13.5	0.0	
15	QPSK	1	19	13.10	13.02	13.11	13.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98		MPR (dB)	
10	QPSK	1	12	13.17	13.05	13.18			

n38 Ant8_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				518004	519000	519996	20.5	0.0	
Frequency (MHz)				2590.02	2595	2599.98			
40	PI/2 BPSK	1	1	20.17	20.12	20.12	20.5	0.0	
40	PI/2 BPSK	1	53	20.19	20.14	20.21			
40	PI/2 BPSK	1	104	20.11	20.07	20.05			
40	PI/2 BPSK	50	0	20.04	20.15	20.06	20.5	0.0	
40	PI/2 BPSK	50	28	20.22	20.15	20.03	20.5	0.0	
40	PI/2 BPSK	50	56	20.19	20.11	20.05	20.5	0.0	
40	PI/2 BPSK	100	0	20.11	20.15	20.04	20.5	0.0	
40	QPSK	1	1	20.01	20.07	20.13			
40	QPSK	1	53	20.25	20.27	20.16			
40	QPSK	1	104	20.05	20.10	19.99			
40	QPSK	50	0	20.12	20.11	20.11	20.5	0.0	
40	QPSK	50	28	20.13	20.14	20.16	20.5	0.0	
40	QPSK	50	56	20.06	20.11	20.16	20.5	0.0	
40	QPSK	100	0	20.17	20.16	20.12			
40	16QAM	1	1	20.11	20.16	20.20	20.5	0.0	
40	64QAM	1	1	20.08	20.08	20.15	20.5	0.0	
40	256QAM	1	1	19.64	19.59	19.64	20.0	0.5	
Channel				517002	519000	520998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2585.01	2595	2604.99	20.5	0.0	
30	QPSK	1	39	20.22	20.21	20.17	20.5	0.0	
Channel				516000	519000	522000			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	26	20.24	20.19	20.20			
Channel				515502	519000	522498	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.51	2595	2612.49	20.5	0.0	
15	QPSK	1	19	20.19	20.19	20.17	20.5	0.0	
Channel				515004	519000	522996			
Frequency (MHz)				2575.02	2595	2614.98			
10	QPSK	1	12	20.24	20.17	20.15			

n41 Ant8_DSI 1&5											
BW [MHz]	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	13.5	0.0			
Frequency (MHz)				2546.01	2592.99	2640					
100	PI/2 BPSK	1	1	13.29	13.22	13.21	13.5	0.0			
100	PI/2 BPSK	1	137	13.13	13.23	13.25					
100	PI/2 BPSK	1	271	13.15	13.16	13.09					
100	PI/2 BPSK	135	0	13.27	13.30	13.20					
100	PI/2 BPSK	135	69	13.17	13.25	13.23	13.5	0.0			
100	PI/2 BPSK	135	138	13.24	13.20	13.24	13.5	0.0			
100	PI/2 BPSK	270	0	13.26	13.24	13.25					
100	QPSK	1	1	13.21	13.30	13.27					
100	QPSK	1	137	13.26	13.31	13.22		0.0			
100	QPSK	1	271	13.12	13.18	13.11	13.5				
100	QPSK	135	0	13.27	13.26	13.27					
100	QPSK	135	69	13.24	13.29	13.18					
100	QPSK	135	138	13.25	13.20	13.21	0.0				
100	QPSK	270	0	13.21	13.23	13.22	13.5	0.0			
100	16QAM	1	1	13.17	13.21	13.20					
100	64QAM	1	1	13.30	13.27	13.17					
100	256QAM	1	1	13.28	13.23	13.24		0.0			
Channel				508200	518598	528096	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2544	2592.99	2644.98	13.5	0.0			
90	QPSK	1	123	13.19	13.11	13.25	13.5	0.0			
Channel				507204	518598	529098	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2536.02	2592.99	2640.99	13.5	0.0			
80	QPSK	1	109	13.12	13.27	13.2	13.5	0.0			
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2526	2592.99	2659.98	13.5	0.0			
60	QPSK	1	81	13.13	13.00	13.08	13.5	0.0			
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2521.02	2592.99	2664.99	13.5	0.0			
50	QPSK	1	67	13.19	13.20	13.15	13.5	0.0			
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2516.01	2592.99	2670	13.5	0.0			
40	QPSK	1	53	13.28	13.30	13.30	13.5	0.0			
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2511	2592.99	2674.98	13.5	0.0			
30	QPSK	1	39	13.09	13.28	13.06	13.5	0.0			
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				2506.02	2592.99	2679.99	13.5	0.0			
20	QPSK	1	26	13.20	13.19	13.09	13.5	0.0			

n41 Ant8_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
Channel					509202	518598	528000		
Frequency (MHz)					2546.01	2592.99	2640		
100	PI/2 BPSK	1	1		20.18	20.30	20.23	20.5	0.0
100	PI/2 BPSK	1	137		20.19	20.28	20.21		
100	PI/2 BPSK	1	271		20.31	20.21	20.20		
100	PI/2 BPSK	135	0		20.32	20.25	20.32		
100	PI/2 BPSK	135	69		20.27	20.24	20.12	20.5	0.0
100	PI/2 BPSK	135	138		20.22	20.20	20.13	20.5	0.0
100	PI/2 BPSK	270	0		20.18	20.16	20.19		
100	QPSK	1	1		20.33	20.35	20.30		
100	QPSK	1	137		20.33	20.36	20.35		
100	QPSK	1	271		20.12	20.24	20.31	20.5	0.0
100	QPSK	135	0		20.13	20.16	20.13		
100	QPSK	135	69		20.18	20.21	18.00		
100	QPSK	135	138		20.11	20.13	20.06		
100	QPSK	270	0		20.15	20.17	20.12	20.5	0.0
100	16QAM	1	1		19.55	19.50	19.39		
100	64QAM	1	1		18.40	18.47	18.37		
100	256QAM	1	1		17.16	17.18	17.25		
Channel					508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2544	2592.99	2644.98	20.5	0.0
90	QPSK	1	123		20.31	20.35	20.28	20.5	0.0
Channel					507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2536.02	2592.99	2640.99	20.5	0.0
80	QPSK	1	109		20.15	20.32	20.33	20.5	0.0
Channel					505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2526	2592.99	2659.98	20.5	0.0
60	QPSK	1	81		20.36	20.32	20.24	20.5	0.0
Channel					504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2521.02	2592.99	2664.99	20.5	0.0
50	QPSK	1	67		20.34	20.30	20.33	20.5	0.0
Channel					503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2516.01	2592.99	2670	20.5	0.0
40	QPSK	1	53		20.38	20.16	20.30	20.5	0.0
Channel					502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2511	2592.99	2674.98	20.5	0.0
30	QPSK	1	39		20.31	20.31	20.13	20.5	0.0
Channel					501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)					2506.02	2592.99	2679.99	20.5	0.0
20	QPSK	1	26		20.30	20.13	20.01	20.5	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	21.47	21.39	21.31	21.5	0.0
100	Pl2 BPSK	1	137	20.96	21.38	21.33		
100	Pl2 BPSK	1	271	21.19	21.41	21.26		
100	Pl2 BPSK	136	0	21.07	21.41	21.16	21.5	0.0
100	Pl2 BPSK	136	69	20.96	21.38	21.24	21.5	0.0
100	Pl2 BPSK	136	138	21.06	21.24	21.23	21.5	0.0
100	Pl2 BPSK	270	0	21.01	21.36	21.31	21.5	0.0
100	QPSK	1	1	21.13	21.36	21.30		
100	QPSK	1	137	21.27	21.45	21.46		
100	QPSK	1	271	21.12	21.45	21.34	21.5	0.0
100	QPSK	136	0	21.15	21.29	21.24		
100	QPSK	136	69	21.32	21.42	21.28		
100	QPSK	136	138	21.17	21.29	21.28	21.5	0.0
100	QPSK	270	0	21.12	21.47	21.27		
100	16QAM	1	1	21.18	21.39	21.36	21.5	0.0
100	64QAM	1	1	20.76	20.87	20.89	21.0	0.5
100	256QAM	1	1	18.83	19.00	18.98	19.0	2.5
Channel								
Frequency (MHz)								
80	QPSK	1	123	20.99	21.44	21.19	21.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	21.13	21.32	21.36	21.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	21.03	21.34	21.23	21.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	20.99	21.25	21.26	21.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	21.10	21.45	21.30	21.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	21.15	21.43	21.19	21.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	20.96	21.40	21.30	21.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	21.13	21.45	21.35	21.5	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	18.31	18.26	18.11	19.5	0.0
100	Pl2 BPSK	1	137	18.77	19.23	19.03		
100	Pl2 BPSK	1	271	19.08	18.15	19.04		
100	Pl2 BPSK	136	0	18.84	19.30	19.06	19.5	0.0
100	Pl2 BPSK	136	69	18.72	19.10	19.13	19.5	0.0
100	Pl2 BPSK	136	138	18.80	19.07	19.24	19.5	0.0
100	Pl2 BPSK	270	0	18.87	19.22	19.07	19.5	0.0
100	QPSK	1	1	19.02	19.26	19.21		
100	QPSK	1	137	19.06	19.38	19.28		
100	QPSK	1	271	18.87	19.30	19.11	19.5	0.0
100	QPSK	136	0	19.01	19.14	19.03		
100	QPSK	136	69	19.21	19.30	19.20		
100	QPSK	136	138	19.06	19.10	19.88	19.5	0.0
100	QPSK	270	0	18.94	19.20	19.16		
100	16QAM	1	1	18.94	19.12	19.10	19.5	0.0
100	64QAM	1	1	18.77	19.00	18.81	19.5	0.0
100	256QAM	1	1	18.34	18.53	18.57	19.0	0.5
Channel								
Frequency (MHz)								
80	QPSK	1	123	18.99	19.01	19.19	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	18.86	19.16	19.19	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	18.83	19.18	19.21	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	18.97	19.05	19.12	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	19.34	19.09	19.07	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	19.01	19.24	19.18	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	19.01	19.11	19.19	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	18.90	19.13	19.02	19.5	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	16.24	16.31	16.08	16.5	0.0
100	Pl2 BPSK	1	137	15.83	16.21	16.06		
100	Pl2 BPSK	1	271	16.05	16.04	15.98		
100	Pl2 BPSK	136	0	15.89	16.37	16.10	16.5	0.0
100	Pl2 BPSK	136	69	15.69	16.03	16.02	16.5	0.0
100	Pl2 BPSK	136	138	15.81	16.00	16.20	16.5	0.0
100	Pl2 BPSK	270	0	15.94	16.16	16.08	16.5	0.0
100	QPSK	1	1	15.96	16.17	16.09		
100	QPSK	1	137	16.08	16.45	16.24		
100	QPSK	1	271	15.86	16.29	16.23	16.5	0.0
100	QPSK	136	0	16.09	16.21	15.93		
100	QPSK	136	69	16.15	16.57	16.25		
100	QPSK	136	138	16.05	16.18	15.87	16.5	0.0
100	QPSK	270	0	15.97	16.14	16.05		
100	16QAM	1	1	15.83	16.05	16.20	16.5	0.0
100	64QAM	1	1	15.78	16.11	15.72	16.5	0.0
100	256QAM	1	1	15.38	15.52	15.65	16.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	16.09	16.12	16.07	16.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	16.02	16.29	16.18	16.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	15.91	16.21	16.14	16.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	16.07	16.20	16.08	16.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	16.13	15.98	16.08	16.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	16.12	16.31	16.09	16.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	16.04	16.25	16.19	16.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	15.94	16.10	16.21	16.5	0.0



PC3 Par27Q n77_Ant11 DSI 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PQ2 BPSK	1	1	21.25	21.40	21.40	21.5	0.0
100	PQ2 BPSK	1	137	21.40	21.40	21.40		
100	PQ2 BPSK	1	271	20.96	21.40	21.40		
100	PQ2 BPSK	135	0	21.07	21.35	21.35	21.5	0.0
100	PQ2 BPSK	135	69	21.35	21.35	21.35	21.5	0.0
100	PQ2 BPSK	135	138	21.18	21.35	21.35	21.5	0.0
100	PQ2 BPSK	270	0	21.22	21.35	21.35	21.5	0.0
100	QPSK	1	1	21.34	21.40	21.40	21.5	0.0
100	QPSK	1	137	21.42	21.42	21.42		
100	QPSK	1	271	21.40	21.40	21.40		
100	QPSK	135	0	21.10	21.35	21.35	21.5	0.0
100	QPSK	135	69	21.28	21.35	21.35	21.5	0.0
100	QPSK	135	138	21.24	21.35	21.35	21.5	0.0
100	QPSK	270	0	21.11	21.35	21.35	21.5	0.0
100	16QAM	1	1	21.08	21.35	21.35	21.5	0.0
100	64QAM	1	1	20.86	21.35	21.35	21.5	0.5
100	256QAM	1	1	18.96	18.96	18.96	19.0	2.5
Channel								
Frequency (MHz)								
90	QPSK	1	123	21.10	21.35	21.17	21.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	20.94	21.17	21.02	21.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	95	20.82	21.21	21.09	21.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	20.84	21.20	21.03	21.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	20.80	21.15	21.05	21.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	20.87	21.21	20.93	21.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	21.02	21.03	20.89	21.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	20.87	21.23	20.93	21.5	0.0

PC3 Par27Q n77_Ant11 DSI 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PQ2 BPSK	1	1	19.14	19.12	19.12	19.5	0.0
100	PQ2 BPSK	1	137	19.12	19.12	19.12		
100	PQ2 BPSK	1	271	19.11	19.11	19.11		
100	PQ2 BPSK	135	0	19.11	19.12	19.12	19.5	0.0
100	PQ2 BPSK	135	69	19.12	19.12	19.12	19.5	0.0
100	PQ2 BPSK	135	138	19.23	19.12	19.12	19.5	0.0
100	PQ2 BPSK	270	0	19.31	19.12	19.12	19.5	0.0
100	QPSK	1	1	19.35	19.35	19.35	19.5	0.0
100	QPSK	1	137	19.42	19.42	19.42		
100	QPSK	1	271	19.40	19.40	19.40		
100	QPSK	135	0	19.08	19.08	19.08	19.5	0.0
100	QPSK	135	69	19.09	19.09	19.09	19.5	0.0
100	QPSK	135	138	19.37	19.09	19.09	19.5	0.0
100	QPSK	270	0	19.16	19.09	19.09	19.5	0.0
100	16QAM	1	1	19.11	19.11	19.11	19.5	0.0
100	64QAM	1	1	19.22	19.22	19.22	19.5	0.0
100	256QAM	1	1	18.95	18.95	18.95	19.0	2.5
Channel								
Frequency (MHz)								
90	QPSK	1	123	19.31	19.41	19.38	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	19.00	19.10	19.11	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	95	19.18	19.09	19.11	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	19.20	19.29	19.11	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	19.18	19.13	19.20	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	19.19	19.10	19.28	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	19.22	19.31	19.19	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	19.14	19.27	19.06	19.5	0.0

PC3 Par27Q n77_Ant11 DSI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PQ2 BPSK	1	1	16.19	35600.01		16.5	0.0
100	PQ2 BPSK	1	137	16.19				
100	PQ2 BPSK	1	271	16.20				
100	PQ2 BPSK	135	0	16.20			16.5	0.0
100	PQ2 BPSK	135	69	16.11			16.5	0.0
100	PQ2 BPSK	135	138	16.16			16.5	0.0
100	PQ2 BPSK	270	0	16.26			16.5	0.0
100	QPSK	1	1	16.31			16.5	0.0
100	QPSK	1	137	16.49				
100	QPSK	1	271	16.48				
100	QPSK	1	121	16.01			16.5	0.0
100	QPSK	135	0	16.01			16.5	0.0
100	QPSK	135	69	16.43			16.5	0.0
100	QPSK	135	138	16.27			16.5	0.0
100	QPSK	270	0	16.17			16.5	0.0
100	16QAM	1	1	16.06			16.5	0.0
100	64QAM	1	1	16.15			16.5	0.0
100	256QAM	1	1	15.83			16.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	123	16.35	35333.34	35304.99	Tune-up limit (dBm)	LFS (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	16.22	35400.01	35400.00	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	95	16.26	35400.01	35311.69	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	81	16.29	35333.34	35350.00	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	QPSK	1	67	16.30	35364.01	35272.15	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	53	16.30	35333.34	35299.98	Tune-up limit (dBm)	LFS (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	39	16.32	35400.01	35348.00	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	26	16.26	35333.34	35360.00	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	26	16.26	35333.34	35340.00	Tune-up limit (dBm)	MPR (dB)



PC2&3 n78_Ant11 DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	Pl2 BPSK	1	1	17.51	3750		19.0	0.0	
100	Pl2 BPSK	1	137	17.47					
100	Pl2 BPSK	1	271	17.44					
100	Pl2 BPSK	136	0	17.55			19.0	0.0	
100	Pl2 BPSK	136	66	17.50			19.0	0.0	
100	Pl2 BPSK	136	138	17.55			19.0	0.0	
100	Pl2 BPSK	270	0	17.39				19.0	0.0
100	QPSK	1	1	17.58					
100	QPSK	1	137	17.65					
100	QPSK	1	271	17.68				19.0	0.0
100	QPSK	136	0	17.60					
100	QPSK	136	66	17.38					
100	QPSK	136	138	17.42			19.0	0.0	
100	QPSK	270	0	17.68				19.0	0.0
100	16QAM	1	1	17.57			19.0	0.0	
100	64QAM	1	1	17.57			19.0	0.0	
100	256QAM	1	1	17.45			19.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	17.59	3750	3756.01	Tune-up limit (dBm)	MPR	
	Channel			646934	650000	650566	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3746.01	3750	3760.02	Tune-up limit (dBm)	MPR	
80	QPSK	1	109	17.07	17.43	17.27	19.0	0.0	
	Channel			646934	650000	650566	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3735	3750	3765	Tune-up limit (dBm)	MPR	
70	QPSK	1	96	17.03	17.41	17.42	19.0	0.0	
	Channel			646968	650000	651334	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3703.01	3750	3793.01	Tune-up limit (dBm)	MPR	
60	QPSK	1	81	17.08	17.41	17.21	19.0	0.0	
	Channel			646334	650000	651668	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3723.01	3750	3782.02	Tune-up limit (dBm)	MPR	
50	QPSK	1	67	17.10	17.46	17.34	19.0	0.0	
	Channel			646334	650000	652234	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3720	3750	3780	Tune-up limit (dBm)	MPR	
40	QPSK	1	53	17.01	17.49	17.29	19.0	0.0	
	Channel			646164	650000	652336	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3715.02	3750	3785.01	Tune-up limit (dBm)	MPR	
30	QPSK	1	39	17.05	17.42	17.31	19.0	0.0	
	Channel			646224	650000	650866	Tune-up limit (dBm)	MPR	
	Frequency (MHz)			3710.03	3750	3790.02	Tune-up limit (dBm)	MPR	
20	QPSK	1	26	17.02	17.51	17.22	19.0	0.0	

PC2&3 n78_Ant11 DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	Pl2 BPSK	1	1	16.07					
100	Pl2 BPSK	1	137	15.88			17.5	0.0	
100	Pl2 BPSK	1	271	16.10					
100	Pl2 BPSK	136	0	16.05			17.5	0.0	
100	Pl2 BPSK	136	66	16.01			17.5	0.0	
100	Pl2 BPSK	136	138	15.96			17.5	0.0	
100	Pl2 BPSK	270	0	16.00					
100	QPSK	1	1	16.16					
100	QPSK	1	137	16.20					
100	QPSK	1	271	16.12					
100	QPSK	136	0	15.99			17.5	0.0	
100	QPSK	136	66	16.04			17.5	0.0	
100	QPSK	136	138	15.94			17.5	0.0	
100	QPSK	270	0	16.18				17.5	0.0
100	16QAM	1	1	16.04			17.5	0.0	
100	64QAM	1	1	16.07			17.5	0.0	
100	256QAM	1	1	15.94			17.5	0.0	
Channel									
Frequency (MHz)				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	15.73	16.11	16.78	17.5	0.0	
Channel									
Frequency (MHz)				3746.01	3750	3760.02	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	15.67	15.94	15.68	17.5	0.0	
Channel									
Frequency (MHz)				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	96	15.79	15.96	15.82	17.5	0.0	
Channel									
Frequency (MHz)				646668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	15.71	15.88	15.82	17.5	0.0	
Channel									
Frequency (MHz)				643334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	15.77	16.02	15.68	17.5	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	15.69	15.91	15.82	17.5	0.0	
Channel									
Frequency (MHz)				3715.02	3750	3785.01	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	15.66	16.10	15.78	17.5	0.0	
Channel									
Frequency (MHz)				647225	650000	652775	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	15.80	15.94	15.66	17.5	0.0	

PC2&3 n78_Ant11 DSI 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3750					
100	Pl2 BPSK	1	1	15.66					
100	Pl2 BPSK	1	137	15.44			17.0	0.0	
100	Pl2 BPSK	1	271	15.45					
100	Pl2 BPSK	136	0	15.62			17.0	0.0	
100	Pl2 BPSK	136	66	15.42			17.0	0.0	
100	Pl2 BPSK	136	138	15.35			17.0	0.0	
100	Pl2 BPSK	270	0	15.40					
100	QPSK	1	1	15.61					
100	QPSK	1	137	15.74			17.0	0.0	
100	QPSK	1	271	15.63					
100	QPSK	136	0	15.39			17.0	0.0	
100	QPSK	136	66	15.38			17.0	0.0	
100	QPSK	136	138	15.38			17.0	0.0	
100	QPSK	270	0	15.68					
100	16QAM	1	1	15.56			17.0	0.0	
100	64QAM	1	1	15.47			17.0	0.0	
100	256QAM	1	1	15.43			17.0	0.0	
Channel									
Frequency (MHz)				649669	650000	650334	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	15.25	15.47	15.21	17.0	0.0	
Channel									
Frequency (MHz)				374601	3750	376602	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	15.19	15.67	15.21	17.0	0.0	
Channel									
Frequency (MHz)				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
70	QPSK	1	96	15.37	15.59	15.24	17.0	0.0	
Channel									
Frequency (MHz)				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	15.21	15.68	15.38	17.0	0.0	
Channel									
Frequency (MHz)				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	15.33	15.50	15.40	17.0	0.0	
Channel									
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	15.23	15.68	15.27	17.0	0.0	
Channel									
Frequency (MHz)				647666	650000	652334	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	39	15.08	15.62	15.11	17.0	0.0	
Channel									
Frequency (MHz)				647332	650000	652666	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	15.26	15.65	15.29	17.0	0.0	



PC2&3 Par27Q n78_Ant11 DSI 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				635334					
Frequency (MHz)				3500.01					
100	Pv2 BPSK	1	1	17.76			19.0	0.0	
100	Pv2 BPSK	1	137	17.60					
100	Pv2 BPSK	1	271	17.60					
100	Pv2 BPSK	135	0	17.61			19.0	0.0	
100	Pv2 BPSK	135	66	17.49			19.0	0.0	
100	Pv2 BPSK	135	138	17.53			19.0	0.0	
100	Pv2 BPSK	270	0	17.69			19.0	0.0	
100	QPSK	1	1	17.70					
100	QPSK	1	137	17.70					
100	QPSK	1	271	17.75			19.0	0.0	
100	QPSK	135	0	17.49					
100	QPSK	135	66	17.66					
100	QPSK	135	138	17.67			19.0	0.0	
100	QPSK	270	0	17.70			19.0	0.0	
100	16QAM	1	1	17.70					
100	16QAM	1	1	17.52					
100	256QAM	1	1	17.50			19.0	0.0	
Channel				635000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	17.24	17.66	17.66	19.0	0.0	
Channel				632666	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	17.27	17.65	17.22	19.0	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	17.37	17.51	17.21	19.0	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3516.99	(dBm)	(dB)	
60	QPSK	1	81	17.41	17.49	17.15	19.0	0.0	
Channel				631666	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	17.21	17.59	17.24	19.0	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	17.42	17.47	17.19	19.0	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	17.27	17.56	17.22	19.0	0.0	
Channel				630666	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	17.39	17.66	17.23	19.0	0.0	

PC2&3 Par27Q n78_Ant11 DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				635000					
Frequency (MHz)				3500.01					
100	Pv2 BPSK	1	1	16.04			17.5	0.0	
100	Pv2 BPSK	1	137	16.06					
100	Pv2 BPSK	1	271	16.08					
100	Pv2 BPSK	135	0	16.22			17.5	0.0	
100	Pv2 BPSK	135	66	15.96			17.5	0.0	
100	Pv2 BPSK	135	138	15.92			17.5	0.0	
100	Pv2 BPSK	270	0	16.12			17.5	0.0	
100	QPSK	1	1	16.02					
100	QPSK	1	137	16.24					
100	QPSK	1	271	16.23			17.5	0.0	
100	QPSK	135	0	16.08					
100	QPSK	135	66	16.16					
100	QPSK	135	138	16.06			17.5	0.0	
100	QPSK	270	0	16.15			17.5	0.0	
100	16QAM	1	1	16.21					
100	16QAM	1	1	15.92					
100	256QAM	1	1	15.97			17.5	0.0	
Channel				635000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	15.86	16.16	15.57	17.5	0.0	
Channel				632666	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	15.81	16.01	15.54	17.5	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	15.69	15.96	15.68	17.5	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3516.99	(dBm)	(dB)	
60	QPSK	1	81	15.66	16.00	15.48	17.5	0.0	
Channel				631666	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	15.95	16.06	15.57	17.5	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	15.65	16.16	15.60	17.5	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	15.75	16.15	15.64	17.5	0.0	
Channel				630666	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	15.69	16.01	15.53	17.5	0.0	

PC2&3 Par27Q n78_Ant11 DSI 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Medium Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				635334					
Frequency (MHz)				3500.01					
100	Pv2 BPSK	1	1	15.56			17.0	0.0	
100	Pv2 BPSK	1	137	15.50					
100	Pv2 BPSK	1	271	15.65					
100	Pv2 BPSK	135	0	15.65			17.0	0.0	
100	Pv2 BPSK	135	66	15.56			17.0	0.0	
100	Pv2 BPSK	135	138	15.32			17.0	0.0	
100	Pv2 BPSK	270	0	15.57			17.0	0.0	
100	QPSK	1	1	15.49					
100	QPSK	1	137	15.71					
100	QPSK	1	271	15.71			17.0	0.0	
100	QPSK	135	0	15.63					
100	QPSK	135	66	15.72					
100	QPSK	135	138	15.57			17.0	0.0	
100	QPSK	270	0	15.55			17.0	0.0	
100	16QAM	1	1	15.68					
100	16QAM	1	1	15.50					
100	256QAM	1	1	15.50			17.0	0.0	
Channel				635000	635334	635666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dbm)	(db)	
90	QPSK	1	123	15.28	15.59	15.31	17.0	0.0	
Channel				632666	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dbm)	(db)	
80	QPSK	1	109	15.31	15.62	15.10	17.0	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dbm)	(db)	
70	QPSK	1	95	15.32	15.68	15.18	17.0	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3516.99	(dbm)	(db)	
60	QPSK	1	81	15.46	15.70	15.51	17.0	0.0	
Channel				631666	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dbm)	(db)	
50	QPSK	1	67	15.32	15.65	15.29	17.0	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dbm)	(db)	
40	QPSK	1	53	15.18	15.61	15.31	17.0	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dbm)	(db)	
30	QPSK	1	39	15.42	15.66	15.32	17.0	0.0	
Channel				630666	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.00	3500.01	3540	(dbm)	(db)	
20	QPSK	1	26	15.32	15.67	15.23	17.0	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	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	Pl/2 BPSK	1	1	16.28	16.32	16.20	17.5	0.0
100	Pl/2 BPSK	1	137	16.01	16.27	16.12		
100	Pl/2 BPSK	1	271	15.96	16.11	15.90		
100	Pl/2 BPSK	135	0	16.21	16.36	16.28		
100	Pl/2 BPSK	135	69	16.32	16.28	16.30	17.5	0.0
100	Pl/2 BPSK	135	138	15.97	16.35	15.88	17.5	0.0
100	Pl/2 BPSK	270	0	16.03	16.24	16.14		
100	QPSK	1	1	16.00	16.34	16.00	17.5	0.0
100	QPSK	1	137	16.24	16.41	16.15		
100	QPSK	1	271	16.07	16.26	16.09		
100	QPSK	135	0	16.09	16.15	15.87		
100	QPSK	135	69	16.19	16.30	16.20	17.5	0.0
100	QPSK	135	138	16.06	16.13	15.88	17.5	0.0
100	QPSK	270	0	16.00	16.30	16.00		
100	16QAM	1	1	16.16	16.29	16.25	17.5	0.0
100	64QAM	1	1	16.09	16.28	15.98	17.5	0.0
100	256QAM	1	1	16.10	16.16	16.04	17.5	0.0
Channel				648668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.13	16.21	15.97	17.5	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.10	16.24	16.07	17.5	0.0
Channel				648000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	15.97	16.17	15.91	17.5	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.13	16.15	16.04	17.5	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	15.95	16.13	15.86	17.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.08	16.17	15.94	17.5	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.13	16.10	16.04	17.5	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	15.99	16.10	16.02	17.5	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	Pl/2 BPSK	1	1	16.72	16.83	16.62	18.0	0.0
100	Pl/2 BPSK	1	137	16.54	16.83	16.66		
100	Pl/2 BPSK	1	271	16.50	16.53	16.50		
100	Pl/2 BPSK	135	0	16.62	16.83	16.88		
100	Pl/2 BPSK	135	69	16.88	16.90	16.92	18.0	0.0
100	Pl/2 BPSK	135	138	16.43	16.82	16.56	18.0	0.0
100	Pl/2 BPSK	270	0	16.46	16.79	16.54		
100	QPSK	1	1	16.59	16.74	16.46	18.0	0.0
100	QPSK	1	137	16.70	16.93	16.69		
100	QPSK	1	271	16.61	16.65	16.56		
100	QPSK	135	0	16.70	16.60	16.40		
100	QPSK	135	69	16.62	16.88	16.78	18.0	0.0
100	QPSK	135	138	16.67	16.54	16.50	18.0	0.0
100	QPSK	270	0	16.58	16.83	16.60		
100	16QAM	1	1	16.65	16.91	16.80	18.0	0.0
100	64QAM	1	1	16.55	16.81	16.51	18.0	0.0
100	256QAM	1	1	16.52	16.67	16.59	18.0	0.0
Channel				649668	656000	662334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3935.01		
90	QPSK	1	123	16.63	16.74	16.59	18.0	0.0
Channel				649334	656000	662668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3940.02		
80	QPSK	1	109	16.60	16.77	16.53	18.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	QPSK	1	95	16.53	16.69	16.59	18.0	0.0
Channel				648668	656000	663334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3950.01		
60	QPSK	1	81	16.59	16.62	16.56	18.0	0.0
Channel				648334	656000	663668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3955.02		
50	QPSK	1	67	16.70	16.77	16.50	18.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	QPSK	1	53	16.53	16.60	16.64	18.0	0.0
Channel				647668	656000	664334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3965.01		
30	QPSK	1	39	16.65	16.64	16.46	18.0	0.0
Channel				647334	656000	664668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3970.02		
20	QPSK	1	26	16.52	16.72	16.64	18.0	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		3500.01			
Frequency (MHz)									
100	PI/2 BPSK	1	1		17.07		17.5	0.0	
100	PI/2 BPSK	1	137		17.12				
100	PI/2 BPSK	1	271		16.94				
100	PI/2 BPSK	135	0		17.02				
100	PI/2 BPSK	135	69		16.92		17.5	0.0	
100	PI/2 BPSK	135	138		17.09		17.5	0.0	
100	PI/2 BPSK	270	0		17.02				
100	QPSK	1	1		17.06		17.5	0.0	
100	QPSK	1	137		17.23				
100	QPSK	1	271		17.18				
100	QPSK	135	0		17.01				
100	QPSK	135	69		17.02		17.5	0.0	
100	QPSK	135	138		16.93		17.5	0.0	
100	QPSK	270	0		17.03				
100	16QAM	1	1		17.09		17.5	0.0	
100	64QAM	1	1		17.07		17.5	0.0	
100	256QAM	1	1		16.97		17.5	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	QPSK	1	123		16.62	17.02	16.85	17.5	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		16.77	16.90	16.80	17.5	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	QPSK	1	95		16.73	17.10	16.89	17.5	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	QPSK	1	81		16.65	17.12	16.85	17.5	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		16.73	16.90	16.84	17.5	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	QPSK	1	53		16.73	17.02	16.85	17.5	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	QPSK	1	39		16.57	16.90	16.91	17.5	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		16.55	17.12	16.79	17.5	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334		3500.01			
Frequency (MHz)									
100	PI/2 BPSK	1	1		17.56		18.0	0.0	
100	PI/2 BPSK	1	137		17.68				
100	PI/2 BPSK	1	271		17.45				
100	PI/2 BPSK	135	0		17.61				
100	PI/2 BPSK	135	69		17.33		18.0	0.0	
100	PI/2 BPSK	135	138		17.51		18.0	0.0	
100	PI/2 BPSK	270	0		17.42				
100	QPSK	1	1		17.44		18.0	0.0	
100	QPSK	1	137		17.78				
100	QPSK	1	271		17.71				
100	QPSK	135	0		17.55				
100	QPSK	135	69		17.59		18.0	0.0	
100	QPSK	135	138		17.50		18.0	0.0	
100	QPSK	270	0		17.57				
100	16QAM	1	1		17.58		18.0	0.0	
100	64QAM	1	1		17.64		18.0	0.0	
100	256QAM	1	1		17.48		18.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	QPSK	1	123		17.21	17.41	17.32	18.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109		17.28	17.42	17.26	18.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	QPSK	1	95		17.25	17.41	17.39	18.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	QPSK	1	81		17.26	17.40	17.34	18.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67		17.24	17.45	17.41	18.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	QPSK	1	53		17.29	17.53	17.30	18.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	QPSK	1	39		17.26	17.59	17.38	18.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26		17.34	17.68	17.28	18.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		15.45		16.5	0.0
100	PI/2 BPSK	1	137		15.30			
100	PI/2 BPSK	1	271		15.26			
100	PI/2 BPSK	135	0		15.44			
100	PI/2 BPSK	135	69		15.48		16.5	0.0
100	PI/2 BPSK	135	138		15.34		16.5	0.0
100	PI/2 BPSK	270	0		15.42			
100	QPSK	1	1		15.47		16.5	0.0
100	QPSK	1	137		15.50			
100	QPSK	1	271		15.39			
100	QPSK	135	0		15.39			
100	QPSK	135	69		15.45		16.5	0.0
100	QPSK	135	138		15.32		16.5	0.0
100	QPSK	270	0		15.48			
100	16QAM	1	1		15.37		16.5	0.0
100	64QAM	1	1		15.40		16.5	0.0
100	256QAM	1	1		15.44		16.5	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123	15.10	15.41	15.01	16.5	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109	15.31	15.31	14.94	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	95	15.15	15.30	15.05	16.5	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81	15.20	15.24	15.00	16.5	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67	15.11	15.41	14.98	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53	15.12	15.30	14.98	16.5	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	39	15.25	15.41	15.11	16.5	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26	15.29	15.42	15.04	16.5	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		21.83		23.0	0.0
100	PI/2 BPSK	1	137		21.59			
100	PI/2 BPSK	1	271		21.46			
100	PI/2 BPSK	135	0		21.84			
100	PI/2 BPSK	135	69		21.77		23.0	0.0
100	PI/2 BPSK	135	138		21.71		23.0	0.0
100	PI/2 BPSK	270	0		21.69			
100	QPSK	1	1		21.83		23.0	0.0
100	QPSK	1	137		21.95			
100	QPSK	1	271		21.79			
100	QPSK	135	0		21.76			
100	QPSK	135	69		21.85		23.0	0.0
100	QPSK	135	138		21.66		23.0	0.0
100	QPSK	270	0		21.90			
100	16QAM	1	1		21.73		23.0	0.0
100	64QAM	1	1		21.69		23.0	0.0
100	256QAM	1	1		21.84		23.0	0.0
Channel				649668	650000	650334	Tune-up limit	MPR
Frequency (MHz)				3745.02	3750	3755.01	(dBm)	(dB)
90	QPSK	1	123	21.35	21.68	21.41	23.0	0.0
Channel				649334	650000	650668	Tune-up limit	MPR
Frequency (MHz)				3740.01	3750	3760.02	(dBm)	(dB)
80	QPSK	1	109	21.42	21.64	21.34	23.0	0.0
Channel				649000	650000	651000	Tune-up limit	MPR
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)
70	QPSK	1	95	21.35	21.84	21.36	23.0	0.0
Channel				648668	650000	651334	Tune-up limit	MPR
Frequency (MHz)				3730.02	3750	3770.01	(dBm)	(dB)
60	QPSK	1	81	21.50	21.74	21.36	23.0	0.0
Channel				648334	650000	651668	Tune-up limit	MPR
Frequency (MHz)				3725.01	3750	3775.02	(dBm)	(dB)
50	QPSK	1	67	21.52	21.82	21.34	23.0	0.0
Channel				648000	650000	652000	Tune-up limit	MPR
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)
40	QPSK	1	53	21.47	21.73	21.46	23.0	0.0
Channel				647668	650000	652334	Tune-up limit	MPR
Frequency (MHz)				3715.02	3750	3785.01	(dBm)	(dB)
30	QPSK	1	39	21.50	21.72	21.34	23.0	0.0
Channel				647334	650000	652668	Tune-up limit	MPR
Frequency (MHz)				3710.01	3750	3790.02	(dBm)	(dB)
20	QPSK	1	26	21.42	21.71	21.32	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				633334	3500.01		16.5	0.0
Frequency (MHz)					15.64			
100	PI/2 BPSK	1	1		15.64		16.5	0.0
100	PI/2 BPSK	1	137		15.53			
100	PI/2 BPSK	1	271		15.30		16.5	0.0
100	PI/2 BPSK	135	0		15.46			
100	PI/2 BPSK	135	69		15.46		16.5	0.0
100	PI/2 BPSK	135	138		15.43			
100	PI/2 BPSK	270	0		15.43		16.5	0.0
100	QPSK	1	1		15.43			
100	QPSK	1	137		15.66		16.5	0.0
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.42		16.5	0.0
100	QPSK	135	69		15.56			
100	QPSK	135	138		15.46		16.5	0.0
100	QPSK	270	0		15.43			
100	16QAM	1	1		15.49		16.5	0.0
100	64QAM	1	1		15.33			
100	256QAM	1	1		15.48		16.5	0.0
Channel				633000	633334	633666		
Frequency (MHz)				3495	3500.01	3504.99	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	123	15.07	15.36	15.34	16.5	0.0
Channel				632668	633334	634000	16.5	0.0
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	15.16	15.41	15.41	16.5	0.0
Channel				632334	633334	634332	16.5	0.0
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	15.11	15.36	15.31	16.5	0.0
Channel				632000	633334	634666	16.5	0.0
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	15.15	15.51	15.23	16.5	0.0
Channel				631668	633334	635000	16.5	0.0
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	15.04	15.44	15.34	16.5	0.0
Channel				631334	633334	635332	16.5	0.0
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	15.20	15.51	15.31	16.5	0.0
Channel				631000	633334	635666	16.5	0.0
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	15.25	15.45	15.29	16.5	0.0
Channel				630668	633334	636000	16.5	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	15.14	15.38	15.46	16.5	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	3500.01		23.0	0.0
Frequency (MHz)					22.19			
100	PI/2 BPSK	1	1		22.19		23.0	0.0
100	PI/2 BPSK	1	137		22.15			
100	PI/2 BPSK	1	271		21.91		23.0	0.0
100	PI/2 BPSK	135	0		22.05			
100	PI/2 BPSK	135	69		22.12		23.0	0.0
100	PI/2 BPSK	135	138		21.99			
100	PI/2 BPSK	270	0		22.05		23.0	0.0
100	QPSK	1	1		21.91			
100	QPSK	1	137		22.20		23.0	0.0
100	QPSK	1	271		22.05			
100	QPSK	135	0		22.10		23.0	0.0
100	QPSK	135	69		22.13			
100	QPSK	135	138		22.02		23.0	0.0
100	QPSK	270	0		21.97			
100	16QAM	1	1		22.10		23.0	0.0
100	64QAM	1	1		21.97			
100	256QAM	1	1		22.02		23.0	0.0
Channel				633000	633334	633666		
Frequency (MHz)				3495	3500.01	3504.99	Tune-up limit (dBm)	MPR (dB)
90	QPSK	1	123	21.63	21.87	21.86	23.0	0.0
Channel				632668	633334	634000	23.0	0.0
Frequency (MHz)				3490.02	3500.01	3510		
80	QPSK	1	109	21.70	21.87	21.86	23.0	0.0
Channel				632334	633334	634332	23.0	0.0
Frequency (MHz)				3485.01	3500.01	3514.98		
70	QPSK	1	95	21.78	21.91	22.03	23.0	0.0
Channel				632000	633334	634666	23.0	0.0
Frequency (MHz)				3480	3500.01	3519.99		
60	QPSK	1	81	21.75	21.90	21.86	23.0	0.0
Channel				631668	633334	635000	23.0	0.0
Frequency (MHz)				3475.02	3500.01	3525		
50	QPSK	1	67	21.57	21.87	21.98	23.0	0.0
Channel				631334	633334	635332	23.0	0.0
Frequency (MHz)				3470.01	3500.01	3529.98		
40	QPSK	1	53	21.75	22.00	21.92	23.0	0.0
Channel				631000	633334	635666	23.0	0.0
Frequency (MHz)				3465	3500.01	3534.99		
30	QPSK	1	39	21.74	21.99	21.94	23.0	0.0
Channel				630668	633334	636000	23.0	0.0
Frequency (MHz)				3460.02	3500.01	3540		
20	QPSK	1	26	21.56	21.91	21.96	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	15.31	15.50	15.21	16.5	0.0
100	Pl2 BPSK	1	137	15.33	15.40	15.13		
100	Pl2 BPSK	1	271	15.20	15.55	15.28		
100	Pl2 BPSK	136	0	15.30	15.45	15.17	16.5	0.0
100	Pl2 BPSK	136	69	15.30	15.45	15.40	16.5	0.0
100	Pl2 BPSK	136	136	15.33	15.39	15.18	16.5	0.0
100	Pl2 BPSK	270	0	15.37	15.48	15.34	16.5	0.0
100	QPSK	1	1	15.43	15.44	15.21		
100	QPSK	1	137	15.46	15.00	15.42		
100	QPSK	1	271	15.18	15.33	15.26	16.5	0.0
100	QPSK	136	0	15.36	15.52	15.17	16.5	0.0
100	QPSK	136	69	15.20	15.56	15.16	16.5	0.0
100	QPSK	136	136	15.21	15.48	15.35	16.5	0.0
100	QPSK	270	0	15.27	15.51	15.22		
100	16QAM	1	1	15.19	15.41	15.31		
100	64QAM	1	1	15.32	15.28	15.26	16.5	0.0
100	256QAM	1	1	15.23	15.51	15.25	16.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	15.19	15.37	15.22	16.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	15.19	15.37	15.24	16.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	15.29	15.35	15.20	16.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	15.37	15.40	15.12	16.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	15.33	15.38	15.19	16.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	15.25	15.43	15.22	16.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	15.28	15.42	15.34	16.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	15.32	15.33	15.22	16.5	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	16.65	16.75	16.42	18.0	0.0
100	Pl2 BPSK	1	137	16.61	16.79	16.49		
100	Pl2 BPSK	1	271	16.45	16.84	16.60		
100	Pl2 BPSK	136	0	16.55	16.69	16.48	18.0	0.0
100	Pl2 BPSK	136	69	16.52	16.71	16.63	18.0	0.0
100	Pl2 BPSK	136	136	16.55	16.58	16.37	18.0	0.0
100	Pl2 BPSK	270	0	16.72	16.87	16.60	18.0	0.0
100	QPSK	1	1	16.69	16.86	16.62		
100	QPSK	1	137	16.82	16.52	16.82		
100	QPSK	1	271	16.47	16.56	16.57	18.0	0.0
100	QPSK	136	0	16.76	16.72	16.51	18.0	0.0
100	QPSK	136	69	16.71	16.63	16.60	18.0	0.0
100	QPSK	136	136	16.59	16.77	16.69	18.0	0.0
100	QPSK	270	0	16.61	16.73	16.59		
100	16QAM	1	1	16.41	16.82	16.68		
100	64QAM	1	1	16.85	16.68	16.51	18.0	0.0
100	256QAM	1	1	16.47	16.86	16.46	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	16.67	16.81	16.68	18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	16.70	16.69	16.69	18.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	16.63	16.74	16.74	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	16.68	16.79	16.67	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	16.57	16.70	16.50	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	16.63	16.66	16.56	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	16.60	16.61	16.74	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	16.61	16.64	16.53	18.0	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								
Frequency (MHz)								
100	Pl2 BPSK	1	1	18.37	18.20	17.95	19.5	0.0
100	Pl2 BPSK	1	137	18.25	18.37	17.88		
100	Pl2 BPSK	1	271	18.09	18.33	17.98		
100	Pl2 BPSK	136	0	18.14	18.28	17.91	19.5	0.0
100	Pl2 BPSK	136	69	18.06	18.22	18.03	19.5	0.0
100	Pl2 BPSK	136	136	18.04	18.02	17.83	19.5	0.0
100	Pl2 BPSK	270	0	18.23	18.32	18.00	19.5	0.0
100	QPSK	1	1	18.20	18.34	18.22		
100	QPSK	1	137	18.25	18.47	18.42		
100	QPSK	1	271	18.02	18.04	17.95	19.5	0.0
100	QPSK	136	0	18.26	18.29	18.01	19.5	0.0
100	QPSK	136	69	18.24	18.31	18.20	19.5	0.0
100	QPSK	136	136	18.12	18.20	18.10	19.5	0.0
100	QPSK	270	0	18.10	18.23	18.11		
100	16QAM	1	1	18.01	18.36	18.24		
100	64QAM	1	1	18.11	18.22	18.03	19.5	0.0
100	256QAM	1	1	17.93	18.27	17.95	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	18.14	18.09	18.17	19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	18.21	18.10	18.12	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	96	18.18	18.13	18.15	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	18.22	18.12	18.13	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	18.13	18.21	18.18	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	18.21	18.16	18.23	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	18.16	18.10	18.32	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	18.11	18.20	18.13	19.5	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								
Frequency (MHz)								
100	PQ2 BPSK	1	1		15.32			
100	PQ2 BPSK	1	137		15.36		16.5	0.0
100	PQ2 BPSK	1	271		15.21			
100	PQ2 BPSK	135	0		15.04		16.5	0.0
100	PQ2 BPSK	135	69		15.19		16.5	0.0
100	PQ2 BPSK	135	138		15.13		16.5	0.0
100	PQ2 BPSK	270	0		15.12			
100	QPSK	1	1		15.38			
100	QPSK	1	137		15.42		16.5	0.0
100	QPSK	1	271		15.40			
100	QPSK	135	0		15.22		16.5	0.0
100	QPSK	135	69		15.30		16.5	0.0
100	QPSK	135	138		15.03		16.5	0.0
100	QPSK	270	0		15.16			
100	16QAM	1	1		15.23		16.5	0.0
100	64QAM	1	1		15.25		16.5	0.0
100	256QAM	1	1		14.90		16.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	123	633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	632688	633334	634000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	95	632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	81	631688	633334	635000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	QPSK	1	67	631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	53	631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	39	630688	633334	636000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	26	630300	633334	636300	Tune-up limit (dBm)	MPR (dB)

PC3 Par27Q n77_Ant13 DSI 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PQ2 BPSK	1	1		16.79			
100	PQ2 BPSK	1	137		16.87		18.0	0.0
100	PQ2 BPSK	1	271		16.79			
100	PQ2 BPSK	135	0		16.53		18.0	0.0
100	PQ2 BPSK	135	69		16.68		18.0	0.0
100	PQ2 BPSK	135	138		16.64		18.0	0.0
100	PQ2 BPSK	270	0		16.53			
100	QPSK	1	1		16.83			
100	QPSK	1	137		16.88		18.0	0.0
100	QPSK	1	271		16.79			
100	QPSK	135	0		16.65		18.0	0.0
100	QPSK	135	69		16.75		18.0	0.0
100	QPSK	135	138		16.55		18.0	0.0
100	QPSK	270	0		16.57			
100	16QAM	1	1		16.57		18.0	0.0
100	64QAM	1	1		16.67		18.0	0.0
100	256QAM	1	1		16.43		18.0	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	123	633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	632688	633334	634000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	95	632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	81	631688	633334	635000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	QPSK	1	67	631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	53	631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	39	630688	633334	636000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	26	630300	633334	636300	Tune-up limit (dBm)	MPR (dB)

PC3 Par27Q n77_Ant13 DSI 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
100	PQ2 BPSK	1	1		13.21			
100	PQ2 BPSK	1	137		18.33		19.5	0.0
100	PQ2 BPSK	1	271		18.28			
100	PQ2 BPSK	135	0		18.12		19.5	0.0
100	PQ2 BPSK	135	69		18.16		19.5	0.0
100	PQ2 BPSK	135	138		18.13		19.5	0.0
100	PQ2 BPSK	270	0		18.01			
100	QPSK	1	1		18.31			
100	QPSK	1	137		18.35		19.5	0.0
100	QPSK	1	271		18.20			
100	QPSK	135	0		18.16		19.5	0.0
100	QPSK	135	69		18.25		19.5	0.0
100	QPSK	135	138		18.16		19.5	0.0
100	QPSK	270	0		17.97			
100	16QAM	1	1		17.96		19.5	0.0
100	64QAM	1	1		18.23		19.5	0.0
100	256QAM	1	1		18.03		19.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	123	633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	632688	633334	634000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	95	632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	81	631688	633334	635000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	QPSK	1	67	631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	53	631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	39	630688	633334	636000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	26	630300	633334	636300	Tune-up limit (dBm)	MPR (dB)



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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								
Frequency (MHz)				3750				
100	Pl2 BPSK	1	1	13.42				
100	Pl2 BPSK	1	137	13.57			14.5	0.0
100	Pl2 BPSK	1	271	13.39				
100	Pl2 BPSK	136	0	13.37			14.5	0.0
100	Pl2 BPSK	136	69	13.36			14.5	0.0
100	Pl2 BPSK	136	138	13.51			14.5	0.0
100	Pl2 BPSK	270	0	13.44				
100	QPSK	1	1	13.53				
100	QPSK	1	137	13.62			14.5	0.0
100	QPSK	1	271	13.35				
100	QPSK	136	0	13.39			14.5	0.0
100	QPSK	136	69	13.53			14.5	0.0
100	QPSK	136	138	13.52			14.5	0.0
100	QPSK	270	0	13.41				
100	16QAM	1	1	13.53			14.5	0.0
100	64QAM	1	1	13.44			14.5	0.0
100	256QAM	1	1	13.32			14.5	0.0
Channel								
Frequency (MHz)				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	13.11	13.52	13.15	14.5	0.0
Channel								
Frequency (MHz)				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	13.16	13.35	13.12	14.5	0.0
Channel								
Frequency (MHz)				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	96	13.24	13.32	13.13	14.5	0.0
Channel								
Frequency (MHz)				648668	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.02	3750	3759.02		
60	QPSK	1	81	13.21	13.42	13.28	14.5	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3724.01	3750	3754.02		
50	QPSK	1	67	13.26	13.31	13.10	14.5	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	13.10	13.35	13.26	14.5	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	13.16	13.53	13.07	14.5	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	13.10	13.32	13.30	14.5	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								
Frequency (MHz)				3750				
100	Pl2 BPSK	1	1	18.19				
100	Pl2 BPSK	1	137	18.28			19.5	0.0
100	Pl2 BPSK	1	271	18.13				
100	Pl2 BPSK	136	0	18.25			19.5	0.0
100	Pl2 BPSK	136	69	18.25			19.5	0.0
100	Pl2 BPSK	136	138	18.25			19.5	0.0
100	Pl2 BPSK	270	0	18.25				
100	QPSK	1	1	18.34				
100	QPSK	1	137	18.43			19.5	0.0
100	QPSK	1	271	18.17				
100	QPSK	136	0	18.13			19.5	0.0
100	QPSK	136	69	18.25			19.5	0.0
100	QPSK	136	138	18.23			19.5	0.0
100	QPSK	270	0	18.36				
100	16QAM	1	1	18.43			19.5	0.0
100	64QAM	1	1	18.22			19.5	0.0
100	256QAM	1	1	18.30			19.5	0.0
Channel								
Frequency (MHz)				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	17.50	18.27	17.58	19.5	0.0
Channel								
Frequency (MHz)				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	17.96	18.29	18.00	19.5	0.0
Channel								
Frequency (MHz)				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	96	17.76	18.27	17.87	19.5	0.0
Channel								
Frequency (MHz)				648668	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.02	3750	3759.02		
60	QPSK	1	81	17.93	18.40	17.89	19.5	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3724.01	3750	3754.02		
50	QPSK	1	67	17.88	18.28	17.85	19.5	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	17.89	18.35	18.01	19.5	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	17.81	18.31	17.88	19.5	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	17.80	18.21	17.97	19.5	0.0

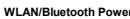
PC2&3 n78_Ant13 DSI 3

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				3750				
100	Pl2 BPSK	1	1	16.29				
100	Pl2 BPSK	1	137	16.37			17.5	0.0
100	Pl2 BPSK	1	271	16.11				
100	Pl2 BPSK	136	0	16.20			17.5	0.0
100	Pl2 BPSK	136	69	16.21			17.5	0.0
100	Pl2 BPSK	136	138	16.35			17.5	0.0
100	Pl2 BPSK	270	0	16.24				
100	QPSK	1	1	16.23				
100	QPSK	1	137	16.46			17.5	0.0
100	QPSK	1	271	16.16				
100	QPSK	136	0	16.09			17.5	0.0
100	QPSK	136	69	16.31			17.5	0.0
100	QPSK	136	138	16.27			17.5	0.0
100	QPSK	270	0	16.26				
100	16QAM	1	1	16.33			17.5	0.0
100	64QAM	1	1	16.23			17.5	0.0
100	256QAM	1	1	16.32			17.5	0.0
Channel								
Frequency (MHz)				648668	650000	650334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3755.01		
90	QPSK	1	123	16.03	16.29	16.01	17.5	0.0
Channel								
Frequency (MHz)				648334	650000	650668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02		
80	QPSK	1	109	16.12	16.30	16.07	17.5	0.0
Channel								
Frequency (MHz)				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	QPSK	1	96	16.07	16.31	16.06	17.5	0.0
Channel								
Frequency (MHz)				648668	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3729.02	3750	3759.02		
60	QPSK	1	81	15.97	16.38	16.11	17.5	0.0
Channel								
Frequency (MHz)				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3724.01	3750	3754.02		
50	QPSK	1	67	15.90	16.18	15.97	17.5	0.0
Channel								
Frequency (MHz)				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	QPSK	1	53	15.85	16.13	15.87	17.5	0.0
Channel								
Frequency (MHz)				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01		
30	QPSK	1	39	15.79	16.29	16.03	17.5	0.0
Channel								
Frequency (MHz)				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02		
20	QPSK	1	26	15.65	16.21	16.08	17.5	0.0

PC2&3 Par27Q n78_Ant13 DSI 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PQ2 BPSK	1	1	13.60					
100	PQ2 BPSK	1	137	13.74			14.5	0.0	
100	PQ2 BPSK	1	271	13.79					
100	PQ2 BPSK	135	0	13.67			14.5	0.0	
100	PQ2 BPSK	135	69	13.75			14.5	0.0	
100	PQ2 BPSK	135	138	13.91			14.5	0.0	
100	PQ2 BPSK	270	0	13.81					
100	QPSK	1	1	13.67					
100	QPSK	1	137	13.72			14.5	0.0	
100	QPSK	1	271	13.84					
100	QPSK	135	0	13.72			14.5	0.0	
100	QPSK	135	69	13.88			14.5	0.0	
100	QPSK	135	138	13.84					
100	QPSK	270	0	13.70			14.5	0.0	
100	16QAM	1	1	13.73			14.5	0.0	
100	64QAM	1	1	13.80			14.5	0.0	
100	256QAM	1	1	13.97			14.5	0.0	
Channel				633000	633334	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	13.37	13.67	13.68	14.5	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	13.35	13.68	13.58	14.5	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	13.40	13.67	13.68	14.5	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3518.98	(dBm)	(dB)	
60	QPSK	1	81	13.55	13.79	13.54	14.5	0.0	
Channel				631668	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	13.34	13.65	13.59	14.5	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	13.39	13.63	13.50	14.5	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	13.36	13.83	13.70	14.5	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	13.33	13.71	13.59	14.5	0.0	

Par27Q n78_Ant13 DSI 5									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334	633334	633334			
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PQ2 BPSK	1	1	18.79					
100	PQ2 BPSK	1	137	18.64			19.5	0.0	
100	PQ2 BPSK	1	271	18.79					
100	PQ2 BPSK	135	0	18.69			19.5	0.0	
100	PQ2 BPSK	135	69	18.72			19.5	0.0	
100	PQ2 BPSK	135	138	18.83			19.5	0.0	
100	PQ2 BPSK	270	0	18.74					
100	QPSK	1	1	18.62					
100	QPSK	1	137	18.80			19.5	0.0	
100	QPSK	1	271	18.93					
100	QPSK	135	0	18.61			19.5	0.0	
100	QPSK	135	69	18.69			19.5	0.0	
100	QPSK	135	138	18.77					
100	QPSK	270	0	18.61			19.5	0.0	
100	16QAM	1	1	18.71			19.5	0.0	
100	64QAM	1	1	18.82			19.5	0.0	
100	256QAM	1	1	18.71			19.5	0.0	
Channel				633000	633334	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	QPSK	1	123	18.37	18.74	18.69	19.5	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	QPSK	1	109	18.42	18.79	18.65	19.5	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	QPSK	1	95	18.34	18.71	18.68	19.5	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3518.98	(dBm)	(dB)	
60	QPSK	1	81	18.28	18.67	18.57	19.5	0.0	
Channel				631668	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	QPSK	1	67	18.41	18.73	18.70	19.5	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	QPSK	1	53	18.34	18.60	18.73	19.5	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	QPSK	1	39	18.35	18.60	18.65	19.5	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	QPSK	1	26	18.30	18.63	18.60	19.5	0.0	

PC2&3 Par27Q n78_Ant13 DSI 3									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				633334	633334				
Frequency (MHz)				3500.01					
100	PQ2 BPSK	1	1	16.76					
100	PQ2 BPSK	1	137	16.70			17.5	0.0	
100	PQ2 BPSK	1	271	16.91					
100	PQ2 BPSK	135	0	16.76			17.5	0.0	
100	PQ2 BPSK	135	69	16.75			17.5	0.0	
100	PQ2 BPSK	135	138	16.92			17.5	0.0	
100	PQ2 BPSK	270	0	16.73					
100	QPSK	1	1	16.80					
100	QPSK	1	137	17.03			17.5	0.0	
100	QPSK	1	271	16.90					
100	QPSK	135	0	16.53			17.5	0.0	
100	QPSK	135	69	16.86			17.5	0.0	
100	QPSK	135	138	16.82					
100	QPSK	270	0	16.73			17.5	0.0	
100	16QAM	1	1	16.66			17.5	0.0	
100	64QAM	1	1	16.89			17.5	0.0	
100	256QAM	1	1	16.82			17.5	0.0	
Channel				633000	633334	633666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3495	3500.01	3504.99			
90	QPSK	1	123	16.30	16.81	16.67	17.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	109	16.50	16.77	16.58	17.5	0.0	
Channel				632334	633334	634332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	QPSK	1	95	16.32	16.76	16.65	17.5	0.0	
Channel				632000	633334	634666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3480	3500.01	3518.99			
60	QPSK	1	81	16.34	16.59	16.55	17.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67	16.47	16.79	16.82	17.5	0.0	
Channel				631334	633334	635332	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	QPSK	1	53	16.35	16.64	16.72	17.5	0.0	
Channel				631000	633334	635666	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3465	3500.01	3534.99			
30	QPSK	1	39	16.34	16.79	16.63	17.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	16.35	16.63	16.61	17.5	0.0	



Area	Pre-Placement Assessment - Q1 & Q2				Post-Placement Assessment - Q3 & Q4			
	Score	Percentile	Frequency	Score	Percentile	Frequency	Score	Percentile
MSA - VISA	7	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	8	26.07	100.00	23.00	20.00	100.00	20.00	100.00
	11	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	14	26.07	100.00	23.00	20.00	100.00	21.00	100.00
MSA - ID-101	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	11	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	14	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	8	26.07	100.00	23.00	20.00	100.00	21.00	100.00
2-MSA MSA - MEXICO	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	7	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	8	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	9	26.07	100.00	23.00	20.00	100.00	21.00	100.00
MSA - MEXICO	3	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	4	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	5	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00
MSA - MEXICO	3	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	4	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	5	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00
MSA - MEXICO	3	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	4	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	5	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00
MSA - MEXICO	3	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	4	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	5	26.07	100.00	23.00	20.00	100.00	21.00	100.00
	6	26.07	100.00	23.00	20.00	100.00	21.00	100.00

Airside		For Transport Interchange with the Airport				For Transport Interchange with the Airport	
Mode	Channel	Priority	Time to Board	Time to Exit	For Transport Interchange with the Airport	For Transport Interchange with the Airport	
					For Transport Interchange with the Airport	For Transport Interchange with the Airport	
BIS 11A	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00	20:00	22:00	20:00		
	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
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BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
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	44	11:00	20:00	22:00	20:00		
	46	11:00	20:00	22:00	20:00		
BIS 11A MCSS	38	11:00	20:00	22:00	20:00		
	40	11:00					

	AB-25		Pre-Placement Interview, 27-28 Feb		Pre-Placement Interview, 29-30 Feb		Drop-Out %
	Males	Females	Female pass (200)	Average score (200)	Female pass (200)	Average score (200)	
6-8th grade	BIS 11A MC30	168 105	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	50.00
	BIS 11A/12A MC30	157 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 12A/12B MC30	158 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11B MC30	149 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11B MC30	151 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11A MC30	155 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11A MC30	155 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11A MC30	149 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11A MC30	150 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100
	BIS 11A MC30	155 100	15.00 10.00	15.00 10.00	15.00 10.00	15.00 10.00	100

Full Power					
BT BR/EDR_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.32	14.34	14.38
	CH 39	2441	14.95	15.26	15.08
	CH 78	2480	14.69	14.21	14.16
Tune-up Limit			16.00	16.00	16.00

BT LE_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	8.19		
	CH 19	2440	9.23		
	CH 39	2480	8.32		
Tune-up Limit			10.50		

BT 5.0_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps		
LE	CH 00	2402	8.37		
	CH 19	2440	9.26		
	CH 39	2480	8.50		
Tune-up Limit			10.5		

BT BR/EDR_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	13.50	13.59	13.55
	CH 39	2441	14.12	14.30	14.27
	CH 78	2480	13.56	13.23	13.49
Tune-up Limit			15.00	15.00	15.00

BT LE_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	8.26		
	CH 19	2440	9.05		
	CH 39	2480	7.77		
Tune-up Limit			10.00		

BT 5.0_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps		
LE	CH 00	2402	7.96		
	CH 19	2440	9.12		
	CH 39	2480	8.18		
Tune-up Limit			10.00		

simultaneous					
BT BR/EDR_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.37	10.31	10.30
	CH 39	2441	10.99	11.32	11.10
	CH 78	2480	10.71	10.18	10.21
Tune-up Limit			12.00	12.00	12.00

BT LE_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	8.19		
	CH 19	2440	9.23		
	CH 39	2480	8.32		
Tune-up Limit			10.50		

BT 5.0_Ant7					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps		
LE	CH 00	2402	8.37		
	CH 19	2440	9.26		
	CH 39	2480	8.50		
Tune-up Limit			10.5		

BT BR/EDR_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	8.58	8.65	8.62
	CH 39	2441	9.23	9.40	9.36
	CH 78	2480	8.45	8.13	8.41
Tune-up Limit			10.00	10.00	10.00

BT LE_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			GFSK		
LE	CH 00	2402	8.26		
	CH 19	2440	9.05		
	CH 39	2480	7.77		
Tune-up Limit			10.00		

BT 5.0_Ant9					
Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps		
LE	CH 00	2402	7.96		
	CH 19	2440	9.12		
	CH 39	2480	8.18		
Tune-up Limit			10.00		