

10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
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	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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

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

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

± 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 tables are shown as follows.



Full Power Mode for WWAN

		GSM850 Ant0							
GSM850		Burst Average Power (dbm)			Tune-up Limit (dbm)	Frame-Average Power (dbm)			Tune-up Limit (dbm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.23	32.40	32.31	33.50	23.23	23.40	23.31	24.50
GPRS 1 Tx slot		32.22	32.38	32.28	33.50	23.22	23.38	23.28	24.50
GPRS 2 Tx slots		31.40	31.56	31.47	32.50	25.40	25.56	25.47	26.50
GPRS 3 Tx slots		29.67	29.79	29.75	31.00	25.41	25.53	25.49	26.74
GPRS 4 Tx slots		28.57	28.68	28.67	29.50	25.57	25.68	25.67	26.50
EDGE 1 Tx slot		26.44	26.55	26.52	27.50	17.44	17.55	17.52	18.50
EDGE 2 Tx slots		25.30	25.43	25.51	26.50	19.30	19.43	19.51	20.50
EDGE 3 Tx slots		23.19	23.33	23.21	24.50	18.93	19.07	18.95	20.24
EDGE 4 Tx slots		21.81	21.75	21.77	23.00	18.81	18.75	18.77	20.00

		GSM1900 Ant0							
GSM1900		Burst Average Power (dBm)			Tune-up Limit	Frame-Average Power (dBm)			Tune-up Limit
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		29.25	29.36	29.30	30.50	20.25	20.36	20.30	21.50
GPRS 1 Tx slot		29.23	29.34	29.29	30.50	20.23	20.34	20.29	21.50
GPRS 2 Tx slots		28.54	28.54	28.48	29.50	22.54	22.54	22.48	23.50
GPRS 3 Tx slots		26.82	26.81	26.77	28.00	22.56	22.55	22.51	23.74
GPRS 4 Tx slots		25.74	25.76	25.70	27.00	22.74	22.76	22.70	24.00
EDGE 1 Tx slot		25.38	25.29	25.35	26.50	16.38	16.29	16.35	17.50
EDGE 2 Tx slots		24.23	24.04	24.31	25.50	18.23	18.04	18.31	19.50
EDGE 3 Tx slots		21.91	21.85	22.04	23.00	17.65	17.59	17.78	18.74
EDGE 4 Tx slots		20.49	20.46	20.50	21.50	17.49	17.46	17.50	18.50

WCDMA II Ant0					WCDMA IV Ant0				WCDMA V Ant0				
Band	WCDMA II				Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	TX Channel		RX Channel			1312	1413	1513		4132	4182	4233	
	Frequency (MHz)		9262	9400		9538	1537	1638		1738	4357	4407	
		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	22.89	22.94	22.87	24.00	23.10	23.11	23.09	24.00	23.09	23.16	23.11	24.00
3GPP Rel 99	RMC 12.2Kbps	23.04	23.05	22.96	24.00	23.13	23.14	23.12	24.00	23.22	23.24	23.21	24.00
3GPP Rel 6	HSDPA Subtest-1	22.08	22.13	22.10	23.00	22.12	22.02	21.93	23.00	22.22	22.13	22.06	23.00
3GPP Rel 6	HSDPA Subtest-2	22.13	22.14	22.02	23.00	22.12	21.91	22.07	23.00	22.24	22.06	22.13	23.00
3GPP Rel 6	HSDPA Subtest-3	21.66	21.58	21.60	22.50	21.50	21.53	21.56	22.50	21.62	21.63	21.71	22.50
3GPP Rel 6	HSDPA Subtest-4	21.65	21.64	21.52	22.50	21.50	21.60	21.45	22.50	21.58	21.72	21.56	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	22.13	22.17	22.10	23.00	22.00	21.90	21.94	23.00	22.15	22.02	22.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.09	22.13	22.15	23.00	21.98	21.95	21.98	23.00	22.10	22.03	22.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	21.66	21.61	21.59	22.50	21.48	21.50	21.48	22.50	21.57	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	21.54	21.55	21.65	22.50	21.37	21.58	21.48	22.50	21.52	21.68	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	22.07	22.20	22.11	23.00	22.00	22.05	21.98	23.00	22.12	22.14	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	20.05	20.15	20.03	21.00	19.93	20.05	20.06	21.00	20.08	20.12	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	21.14	21.24	21.15	22.00	20.99	21.01	21.09	22.00	21.06	21.16	21.19	22.00
3GPP Rel 6	HSUPA Subtest-4	20.04	20.28	20.13	21.00	20.00	20.12	20.00	21.00	20.14	20.17	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	22.07	22.20	22.06	23.00	22.09	22.16	22.08	23.00	22.15	22.29	22.18	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	19.50	19.85	19.82	20.50	19.55	19.59	19.66	20.50	19.67	19.71	19.80	20.50



Band 7 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	22.46	22.62	22.49	24	0
20	QPSK	1	49	22.52	22.57	22.55		
20	QPSK	1	99	22.39	22.48	22.43		
20	QPSK	50	0	21.57	21.62	21.55		
20	QPSK	50	24	21.49	21.60	21.54	23	1
20	QPSK	50	50	21.45	21.57	21.49		
20	QPSK	100	0	21.46	21.61	21.58		
20	16QAM	1	0	21.75	21.79	21.73		
20	16QAM	1	49	21.68	21.75	21.72	23	1
20	16QAM	1	99	21.61	21.69	21.58		
20	16QAM	50	0	20.59	20.64	20.62		
20	16QAM	50	24	20.46	20.55	20.52		
20	16QAM	50	50	20.52	20.57	20.52	22	2
20	16QAM	100	0	20.54	20.61	20.51		
20	64QAM	1	0	20.57	20.64	20.60		
20	64QAM	1	49	20.56	20.69	20.65		
20	64QAM	1	99	20.53	20.63	20.58	22	2
20	64QAM	50	0	19.56	19.61	19.49		
20	64QAM	50	24	19.50	19.55	19.48		
20	64QAM	50	50	19.44	19.53	19.48		
20	64QAM	100	0	19.40	19.53	19.42	21	3
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
15	QPSK	1	0	22.35	22.56	22.44	24	0
15	QPSK	1	37	22.35	22.47	22.46		
15	QPSK	1	74	22.37	22.41	22.28		
15	QPSK	36	0	21.52	21.45	21.49		
15	QPSK	36	20	21.33	21.43	21.43	23	1
15	QPSK	36	39	21.27	21.48	21.40		
15	QPSK	75	0	21.33	21.44	21.47		
15	16QAM	1	0	21.72	21.64	21.64		
15	16QAM	1	37	21.51	21.66	21.69	23	1
15	16QAM	1	74	21.51	21.61	21.49		
15	16QAM	36	0	20.52	20.52	20.54		
15	16QAM	36	20	20.38	20.52	20.49		
15	16QAM	36	39	20.43	20.51	20.47	22	2
15	16QAM	75	0	20.50	20.55	20.40		
15	64QAM	1	0	20.50	20.61	20.48		
15	64QAM	1	37	20.44	20.53	20.57		
15	64QAM	1	74	20.36	20.58	20.42	22	2
15	64QAM	36	0	19.43	19.50	19.45		
15	64QAM	36	20	19.41	19.41	19.30		
15	64QAM	36	39	19.40	19.39	19.39		
15	64QAM	75	0	19.39	19.45	19.36	21	3
Channel				20900	21100	21400		
Frequency (MHz)				2505	2535	2565		
10	QPSK	1	0	22.43	22.51	22.48	24	0
10	QPSK	1	25	22.45	22.48	22.43		
10	QPSK	1	49	22.35	22.31	22.30		
10	QPSK	25	0	21.51	21.55	21.45		
10	QPSK	25	12	21.43	21.50	21.47	23	1
10	QPSK	25	25	21.36	21.51	21.40		
10	QPSK	150	0	21.30	21.48	21.43		
10	16QAM	1	0	21.60	21.70	21.60		
10	16QAM	1	25	21.65	21.60	21.54	23	1
10	16QAM	1	49	21.45	21.53	21.43		
10	16QAM	25	0	20.43	20.59	20.53		
10	16QAM	25	12	20.34	20.39	20.39		
10	16QAM	25	25	20.48	20.41	20.35	22	2
10	16QAM	50	0	20.47	20.58	20.41		
10	16QAM	1	0	20.47	20.46	20.54		
10	64QAM	1	25	20.46	20.60	20.50		
10	64QAM	1	49	20.48	20.54	20.54	22	2
10	64QAM	25	0	19.45	19.45	19.46		
10	64QAM	25	12	19.44	19.37	19.39		
10	64QAM	25	25	19.34	19.40	19.41		
10	64QAM	50	0	19.35	19.37	19.26	21	3
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
5	QPSK	1	0	22.39	22.46	22.44	24	0
5	QPSK	1	12	22.36	22.45	22.47		
5	QPSK	1	24	22.36	22.38	22.31		
5	QPSK	12	0	21.48	21.52	21.50		
5	QPSK	12	7	21.37	21.47	21.49	23	1
5	QPSK	12	13	21.41	21.44	21.38		
5	QPSK	25	0	21.33	21.58	21.45		
5	16QAM	1	0	21.70	21.65	21.67		
5	16QAM	1	12	21.61	21.63	21.62	23	1
5	16QAM	1	24	21.53	21.63	21.44		
5	16QAM	12	0	20.46	20.54	20.46		
5	16QAM	12	7	20.43	20.48	20.44		
5	16QAM	12	13	20.42	20.42	20.45	22	2
5	16QAM	25	0	20.51	20.50	20.34		
5	64QAM	1	0	20.52	20.51	20.45		
5	64QAM	1	12	20.46	20.66	20.60		
5	64QAM	1	24	20.38	20.46	20.41	22	2
5	64QAM	12	0	19.52	19.47	19.40		
5	64QAM	12	7	19.35	19.38	19.44		
5	64QAM	12	13	19.34	19.41	19.42		
5	64QAM	25	0	19.28	19.37	19.29	21	3

Band 12 Default Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.78	22.84	22.75	24	0
10	QPSK	1	25	22.68	22.76	22.70		
10	QPSK	1	49	22.61	22.68	22.57		
10	QPSK	25	0	21.69	21.86	21.64	23	1
10	QPSK	25	12	21.62	21.69	21.56		
10	QPSK	25	25	21.69	21.76	21.66		
10	QPSK	50	0	21.66	21.79	21.74	23	1
10	16QAM	1	0	21.88	21.93	21.85		
10	16QAM	1	25	21.89	21.96	21.96		
10	16QAM	1	49	21.86	21.96	21.93	22	2
10	16QAM	25	0	20.71	20.84	20.74		
10	16QAM	25	12	20.63	20.69	20.61		
10	16QAM	25	25	20.69	20.76	20.63	22	2
10	16QAM	50	0	20.78	20.81	20.74		
10	64QAM	1	0	20.73	20.84	20.80		
10	64QAM	1	25	20.78	20.87	20.80	21	3
10	64QAM	1	49	20.76	20.79	20.75		
10	64QAM	25	0	19.79	19.84	19.72		
10	64QAM	25	12	19.82	19.88	19.59	22	2
10	64QAM	25	25	19.59	19.73	19.61		
10	64QAM	50	0	19.66	19.78	19.74		
Channel				23035	23095	23155		
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	22.63	22.78	22.68	24	0
5	QPSK	1	12	22.50	22.63	22.63		
5	QPSK	1	24	22.46	22.53	22.46		
5	QPSK	12	0	21.52	21.69	21.55	23	1
5	QPSK	12	7	21.59	21.58	21.53		
5	QPSK	12	13	21.65	21.60	21.54		
5	QPSK	25	0	21.59	21.62	21.66	23	1
5	16QAM	1	0	21.76	21.78	21.74		
5	16QAM	1	12	21.78	21.83	21.88		
5	16QAM	1	24	21.73	21.82	21.81	22	2
5	16QAM	12	0	20.68	20.76	20.57		
5	16QAM	12	7	20.47	20.56	20.49		
5	16QAM	12	13	20.59	20.71	20.54	22	2
5	16QAM	25	0	20.89	20.77	20.67		
5	64QAM	1	0	20.67	20.67	20.63		
5	64QAM	1	12	20.88	20.69	20.77	22	2
5	64QAM	1	24	20.70	20.71	20.67		
5	64QAM	12	0	19.73	19.82	19.55		
5	64QAM	12	7	19.48	19.60	19.48	21	3
5	64QAM	12	13	19.52	19.56	19.47		
5	64QAM	25	0	19.63	19.73	19.60		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)
3	QPSK	1	0	22.75	22.72	22.71	24	0
3	QPSK	1	8	22.65	22.63	22.64		
3	QPSK	1	14	22.44	22.60	22.41		
3	QPSK	8	0	21.62	21.83	21.61	23	1
3	QPSK	8	4	21.58	21.56	21.52		
3	QPSK	8	7	21.67	21.53	21.53		
3	QPSK	15	0	21.53	21.69	21.68	23	1
3	16QAM	1	0	21.73	21.88	21.80		
3	16QAM	1	8	21.71	21.93	21.91		
3	16QAM	1	14	21.75	21.93	21.81	22	2
3	16QAM	8	0	20.63	20.70	20.57		
3	16QAM	8	4	20.56	20.63	20.50		
3	16QAM	7	0	20.55	20.72	20.53	22	2
3	16QAM	15	0	20.74	20.65	20.58		
3	64QAM	1	0	20.65	20.74	20.66		
3	64QAM	1	8	20.61	20.76	20.63	22	2
3	64QAM	1	14	20.73	20.69	20.58		
3	64QAM	8	0	19.65	19.82	19.70		
3	64QAM	8	4	19.54	19.57	19.51	21	3
3	64QAM	8	7	19.52	19.60	19.51		
3	64QAM	15	0	19.61	19.65	19.64		
Channel				23017	23095	23173		
Frequency (MHz)				699.7	707.5	715.3	Tune-up limit (dBm)	MPR (dB)
1.4	QPSK	1	0	22.70	22.67	22.62	24	0
1.4	QPSK	1	3	22.55	22.60	22.59		
1.4	QPSK	1	5	22.55	22.64	22.44		
1.4	QPSK	3	0	22.58	22.70	22.56	23	1
1.4	QPSK	3	1	22.50	22.52	22.48		
1.4	QPSK	3	3	22.61	22.69	22.49		
1.4	QPSK	6	0	21.48	21.76	21.70	23	1
1.4	16QAM	1	0	21.78	21.80	21.70		
1.4	16QAM	1	3	21.78	21.86	21.80		
1.4	16QAM	1	5	21.72	21.83	21.82	23	1
1.4	16QAM	3	0	21.80	21.69	21.57		
1.4	16QAM	3	1	21.56	21.55	21.49		
1.4	16QAM	3	3	21.71	20.78	21.51	22	2
1.4	16QAM	6	0	20.71	20.78	20.71		
1.4	64QAM	1	0	20.59	20.77	20.74		
1.4	64QAM	1	3	20.63	20.71	20.73	22	2
1.4	64QAM	3	0	20.72	20.75	20.61		
1.4	64QAM	3	0	20.69	20.72	20.67		
1.4	64QAM	3	1	20.80	20.58	20.47	21	3
1.4	64QAM	3	3	20.41	20.62	20.47		
1.4	64QAM	6	0	19.62	19.72	19.57		



Band 26 Default Ant0									
BW [MHz]	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)									
15	QPSK	1	0	22.85	22.89	22.80	24	0	
15	QPSK	1	37	22.74	22.86	22.84			
15	QPSK	1	74	22.66	22.72	22.63	23	1	
15	QPSK	36	0	21.79	21.84	21.78			
15	QPSK	36	20	21.67	21.78	21.64	23	1	
15	QPSK	36	39	21.71	21.77	21.73			
15	QPSK	75	0	21.82	21.88	21.78	23	1	
15	16QAM	1	0	21.89	22.05	21.92			
15	16QAM	1	37	22.03	22.06	22.04	22	2	
15	16QAM	1	74	21.82	21.93	21.84			
15	16QAM	36	0	20.72	20.86	20.80	22	2	
15	16QAM	36	20	20.71	20.82	20.69			
15	16QAM	36	39	20.73	20.76	20.68	22	2	
15	16QAM	75	0	20.67	20.77	20.72			
15	64QAM	1	0	20.85	20.96	20.91	22	2	
15	64QAM	1	37	20.84	20.93	20.80			
15	64QAM	1	74	20.76	20.79	20.65	21	3	
15	64QAM	36	0	19.69	19.79	19.67			
15	64QAM	36	20	19.76	19.84	19.72	21	3	
15	64QAM	36	39	19.71	19.75	19.62			
15	64QAM	75	0	19.69	19.81	19.78			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.71	22.83	22.70	24	0	
10	QPSK	1	25	22.65	22.76	22.75			
10	QPSK	1	49	22.54	22.59	22.54	23	1	
10	QPSK	25	0	21.71	21.88	21.72			
10	QPSK	25	12	21.65	21.62	21.61	23	1	
10	QPSK	25	25	21.60	21.67	21.66			
10	QPSK	50	0	21.78	21.72	21.68	23	1	
10	16QAM	1	0	21.91	21.95	21.89			
10	16QAM	1	25	21.97	21.91	21.88	22	2	
10	16QAM	1	49	21.70	21.87	21.75			
10	16QAM	25	0	20.62	20.79	20.76	22	2	
10	16QAM	25	12	20.63	20.69	20.66			
10	16QAM	25	25	20.61	20.73	20.52	22	2	
10	16QAM	50	0	20.52	20.61	20.57			
10	64QAM	1	0	20.79	20.91	20.78	22	2	
10	64QAM	1	25	20.77	20.87	20.87			
10	64QAM	1	49	20.66	20.68	20.50	21	3	
10	64QAM	25	0	19.52	19.76	19.49			
10	64QAM	25	12	19.59	19.72	19.60	21	3	
10	64QAM	25	25	19.56	19.66	19.59			
10	64QAM	50	0	19.57	19.73	19.70			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.68	22.78	22.76	24	0	
5	QPSK	1	12	22.61	22.83	22.72			
5	QPSK	1	24	22.64	22.60	22.61	23	1	
5	QPSK	12	0	21.74	21.79	21.65			
5	QPSK	12	7	21.63	21.69	21.52	23	1	
5	QPSK	12	13	21.60	21.66	21.69			
5	QPSK	25	0	21.65	21.71	21.72	23	1	
5	16QAM	1	0	21.96	21.92	21.82			
5	16QAM	1	12	21.89	21.95	21.89	22	2	
5	16QAM	1	24	21.69	21.78	21.81			
5	16QAM	12	0	20.60	20.81	20.70	22	2	
5	16QAM	12	7	20.62	20.64	20.59			
5	16QAM	12	13	20.59	20.59	20.62	22	2	
5	16QAM	25	0	20.61	20.65	20.70			
5	64QAM	1	0	20.77	20.93	20.83	22	2	
5	64QAM	1	12	20.60	20.61	20.64			
5	64QAM	1	24	20.63	20.62	20.61	21	3	
5	64QAM	12	0	19.59	19.69	19.57			
5	64QAM	12	7	19.58	19.79	19.66	21	3	
5	64QAM	12	13	19.55	19.67	19.46			
5	64QAM	25	0	19.55	19.73	19.71			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.81	22.74	22.72	24	0	
3	QPSK	1	8	22.64	22.75	22.66			
3	QPSK	1	14	22.55	22.68	22.54	23	1	
3	QPSK	8	0	21.75	21.79	21.66			
3	QPSK	8	4	21.63	21.69	21.53	23	1	
3	QPSK	8	7	21.54	21.73	21.61			
3	16QAM	1	0	21.72	21.73	21.75	23	1	
3	16QAM	1	0	21.96	22.03	21.79			
3	16QAM	1	8	21.86	21.93	21.94	22	2	
3	16QAM	1	14	21.74	21.86	21.75			
3	16QAM	8	0	20.69	20.82	20.72	22	2	
3	16QAM	8	4	20.61	20.72	20.55			
3	16QAM	8	7	20.71	20.68	20.60	22	2	
3	16QAM	15	0	20.60	20.68	20.56			
3	64QAM	1	0	20.69	20.80	20.87	22	2	
3	64QAM	1	8	20.72	20.83	20.66			
3	64QAM	1	14	20.59	20.63	20.55	21	3	
3	64QAM	8	0	19.66	19.65	19.56			
3	64QAM	8	4	19.73	19.74	19.64	21	3	
3	64QAM	8	7	19.67	19.61	19.58			
3	64QAM	15	0	19.62	19.74	19.71			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.65	22.70	22.64	24	0	
1.4	QPSK	1	3	22.54	22.66	22.76			
1.4	QPSK	1	5	22.48	22.59	22.52	23	1	
1.4	QPSK	3	0	22.63	22.68	22.61			
1.4	QPSK	3	1	22.54	22.72	22.51	23	1	
1.4	QPSK	3	1	22.59	22.62	22.64			
1.4	QPSK	6	0	21.65	21.76	21.62	23	1	
1.4	16QAM	1	0	21.86	21.93	21.87			
1.4	16QAM	1	3	21.90	21.88	21.97	23	1	
1.4	16QAM	1	5	21.65	21.87	21.73			
1.4	16QAM	3	0	21.67	21.75	21.67	22	2	
1.4	16QAM	3	1	21.54	21.67	21.56			
1.4	16QAM	3	3	21.63	21.66	21.64	22	2	
1.4	16QAM	6	0	20.67	20.65	20.66			
1.4	64QAM	1	0	20.74	20.82	20.82	22	2	
1.4	64QAM	1	3	20.70	20.88	20.66			
1.4	64QAM	1	5	20.65	20.75	20.51	22	2	
1.4	64QAM	3	0	20.61	20.75	20.61			
1.4	64QAM	3	1	20.57	20.78	20.67	21	3	
1.4	64QAM	3	3	20.66	20.68	20.51			
1.4	64QAM	6	0	19.60	19.73	19.59	21	3	

Band 30 Default Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2710					
Frequency (MHz)				2310					
10	QPSK	1	0		22.85		24	0	
10	QPSK	1	25		22.73				
10	QPSK	1	49		22.64				
10	QPSK	25	0		21.68		23	1	
10	QPSK	25	12		21.64				
10	QPSK	25	25		21.63				
10	QPSK	50	0		21.74		23	1	
10	16QAM	1	0		21.99				
10	16QAM	1	25		21.93				
10	16QAM	1	49		21.83		22	1	
10	16QAM	25	0		20.60				
10	16QAM	25	12		20.64				
10	16QAM	25	25		20.62		22	2	
10	16QAM	50	0		20.59				
10	64QAM	1	0		20.83				
10	64QAM	1	25		20.81		22	2	
10	64QAM	1	49		20.71				
10	64QAM	25	0		19.65				
10	64QAM	25	12		19.53		21	3	
10	64QAM	25	25		19.62				
10	64QAM	50	0		19.57				
Channel				27685	27710	27735			
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.63	22.74	22.62	24	0	
5	QPSK	1	12	22.68	22.67	22.58			
5	QPSK	1	24	22.39	22.59	22.45			
5	QPSK	12	0	21.50	21.54	21.60	23	1	
5	QPSK	12	7	21.55	21.47	21.54			
5	QPSK	12	13	21.50	21.55	21.42			
5	QPSK	25	0	21.62	21.68	21.58	23	1	
5	16QAM	1	0	21.73	21.87	21.75			
5	16QAM	1	12	21.83	21.83	21.70			
5	16QAM	1	24	21.58	21.70	21.65	22	2	
5	16QAM	12	0	20.35	20.46	20.39			
5	16QAM	12	7	20.33	20.47	20.46			
5	16QAM	12	13	20.56	20.57	20.33	22	2	
5	16QAM	25	0	20.37	20.46	20.52			
5	64QAM	1	0	20.54	20.60	20.64			
5	64QAM	1	12	20.51	20.76	20.64	22	2	
5	64QAM	1	24	20.52	20.83	20.56			
5	64QAM	12	0	19.33	19.46	19.45			
5	64QAM	12	7	19.44	19.60	19.47	21	3	
5	64QAM	12	13	19.32	19.59	19.55			
5	64QAM	25	0	19.39	19.43	19.34			



Band 71 Default Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				133222	133322	133372			
Frequency (MHz)				673	683	686			
20	QPSK	1	0	22.88	23.01	22.81	24	0	
20	QPSK	1	49	22.82	22.95	22.92			
20	QPSK	1	99	22.71	22.83	22.78			
20	QPSK	50	0	21.81	21.96	21.85	23	1	
20	QPSK	50	24	21.73	21.86	21.79			
20	QPSK	50	50	21.80	21.92	21.86			
20	QPSK	100	0	21.78	21.89	21.83	23	1	
20	16QAM	1	0	22.14	22.22	22.12			
20	16QAM	1	49	22.12	22.20	22.13			
20	16QAM	1	99	22.01	22.04	22.01	22	2	
20	16QAM	50	0	20.79	20.84	20.76			
20	16QAM	50	24	20.88	20.95	20.91			
20	16QAM	50	50	20.81	20.94	20.91	22	2	
20	16QAM	100	0	20.76	20.87	20.82			
20	64QAM	1	0	20.96	21.07	21.05			
20	64QAM	1	49	21.01	21.04	20.98	22	2	
20	64QAM	1	99	20.94	20.96	20.93			
20	64QAM	50	0	19.74	19.84	19.79			
20	64QAM	50	24	19.92	19.97	19.83	21	3	
20	64QAM	50	50	19.85	19.89	19.86			
20	64QAM	100	0	19.81	19.88	19.79			
Channel				133197	133297	133397	Tune-up limit (dBm)		
Frequency (MHz)				670.5	680.5	690.5			
15	QPSK	1	0	22.83	22.95	22.77	24	0	
15	QPSK	1	37	22.72	22.84	22.88			
15	QPSK	1	74	22.60	22.75	22.72			
15	QPSK	36	0	21.76	21.89	21.74	23	1	
15	QPSK	36	20	21.59	21.78	21.69			
15	QPSK	36	39	21.69	21.85	21.76			
15	QPSK	75	0	21.71	21.83	21.75	23	1	
15	16QAM	1	0	22.00	22.13	22.02			
15	16QAM	1	37	21.98	22.08	22.07			
15	16QAM	1	74	21.84	22.03	21.89	22	2	
15	16QAM	36	0	20.64	20.69	20.67			
15	16QAM	36	20	20.74	20.89	20.75			
15	16QAM	36	39	20.63	20.84	20.87	22	2	
15	16QAM	75	0	20.70	20.78	20.71			
15	64QAM	1	0	20.86	20.95	21.00			
15	64QAM	1	37	20.90	20.90	20.83	22	2	
15	64QAM	1	74	20.88	20.94	20.82			
15	64QAM	36	0	19.62	19.78	19.73			
15	64QAM	36	20	19.80	19.79	19.75	21	3	
15	64QAM	36	39	19.71	19.82	19.83			
15	64QAM	75	0	19.66	19.84	19.62			
Channel				133172	133272	133422	Tune-up limit (dBm)		
Frequency (MHz)				668	678	693			
10	QPSK	1	0	22.78	22.92	22.76	24	0	
10	QPSK	1	25	22.77	22.90	22.81			
10	QPSK	1	49	22.61	22.72	22.75			
10	QPSK	25	0	21.63	21.83	21.69	23	1	
10	QPSK	25	12	21.57	21.75	21.76			
10	QPSK	25	25	21.69	21.79	21.82			
10	QPSK	50	0	21.69	21.83	21.71	23	1	
10	16QAM	1	0	21.96	22.13	22.02			
10	16QAM	1	25	21.95	22.04	22.07			
10	16QAM	1	49	21.97	22.07	21.88	22	2	
10	16QAM	25	0	20.65	20.70	20.61			
10	16QAM	25	12	20.72	20.78	20.84			
10	16QAM	25	25	20.78	20.81	20.75	22	2	
10	16QAM	50	0	20.67	20.70	20.73			
10	64QAM	1	0	20.88	20.98	21.01			
10	64QAM	1	25	20.99	21.00	20.98	22	2	
10	64QAM	1	49	20.78	20.81	20.91			
10	64QAM	25	0	19.66	19.67	19.76			
10	64QAM	25	12	19.86	19.95	19.72	21	3	
10	64QAM	25	25	19.72	19.76	19.71			
10	64QAM	50	0	19.71	19.77	19.77			
Channel				133147	133247	133447	Tune-up limit (dBm)		
Frequency (MHz)				665.5	675.5	695.5			
5	QPSK	1	0	22.80	22.87	22.73	24	0	
5	QPSK	1	12	22.79	22.85	22.88			
5	QPSK	1	24	22.68	22.76	22.73			
5	QPSK	12	0	21.76	21.91	21.70	23	1	
5	QPSK	12	7	21.65	21.81	21.73			
5	QPSK	12	13	21.72	21.78	21.72			
5	QPSK	25	0	21.72	21.77	21.80	23	1	
5	16QAM	1	0	22.05	22.17	21.96			
5	16QAM	1	12	22.09	22.06	22.10			
5	16QAM	1	24	21.84	22.04	21.87	22	2	
5	16QAM	12	0	20.71	20.80	20.61			
5	16QAM	12	7	20.83	20.81	20.80			
5	16QAM	12	13	20.70	20.89	20.77	22	2	
5	16QAM	25	0	20.68	20.79	20.68			
5	64QAM	1	0	20.83	20.95	20.88			
5	64QAM	1	12	20.88	21.00	20.92	22	2	
5	64QAM	1	24	20.83	20.83	20.80			
5	64QAM	12	0	19.62	19.66	19.72			
5	64QAM	12	7	19.76	19.86	19.75	21	3	
5	64QAM	12	13	19.82	19.77	19.76			
5	64QAM	25	0	19.73	19.85	19.77			



Band 38 Default Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Co. [Frac]	Power Middle Co. [Frac]	Power High Co. [Frac]	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	22.62	22.64	22.58	24	0		
20	QPSK	1	49	22.62	22.64	22.45				
20	QPSK	50	0	21.59	21.61	21.57				
20	QPSK	50	24	21.44	21.54	21.50				
20	QPSK	50	50	21.46	21.52	21.42	23	1		
20	QPSK	100	0	21.57	21.59	21.56				
20	16QAM	1	0	21.43	21.53	21.51				
20	16QAM	1	49	21.61	21.64	21.56				
20	16QAM	1	99	21.41	21.44	21.40	23	1		
20	16QAM	50	0	20.48	20.54	20.44				
20	16QAM	50	24	20.44	20.53	20.42				
20	16QAM	50	50	20.42	20.45	20.38				
20	16QAM	100	0	20.46	20.48	20.43	22	2		
20	16QAM	1	0	20.27	20.35	20.26				
20	16QAM	1	49	20.27	20.41	20.32				
20	16QAM	1	99	20.21	20.33	20.20				
20	16QAM	50	0	19.44	19.49	19.44	21	3		
20	16QAM	50	24	19.39	19.51	19.37				
20	16QAM	50	50	19.41	19.46	19.41				
20	16QAM	100	0	19.35	19.48	19.35				
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.45	22.58	22.43	24	0		
15	QPSK	1	37	22.46	22.51	22.41				
15	QPSK	1	74	22.24	22.40	22.33				
15	QPSK	36	0	21.53	21.53	21.53				
15	QPSK	36	20	21.34	21.43	21.41	23	1		
15	QPSK	36	39	21.30	21.40	21.31				
15	QPSK	75	0	21.50	21.51	21.53				
15	16QAM	1	0	21.26	21.36	21.40				
15	16QAM	1	37	21.48	21.58	21.50	23	1		
15	16QAM	1	74	21.30	21.41	21.35				
15	16QAM	36	0	20.38	20.48	20.29				
15	16QAM	36	20	20.27	20.49	20.48				
15	16QAM	36	39	20.37	20.29	20.26	22	2		
15	16QAM	75	0	20.33	20.41	20.34				
15	16QAM	1	0	20.18	20.22	20.24				
15	16QAM	1	37	20.13	20.26	20.14				
15	16QAM	1	74	20.12	20.30	20.20	22	2		
15	16QAM	36	0	19.28	19.42	19.31				
15	16QAM	36	20	19.34	19.45	19.29				
15	16QAM	36	39	19.28	19.43	19.27				
15	16QAM	75	0	19.22	19.42	19.28	24	0		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.52	22.54	22.44	24	0		
10	QPSK	1	25	22.48	22.51	22.25				
10	QPSK	1	49	22.21	22.30	22.29				
10	QPSK	25	0	21.47	21.53	21.45				
10	QPSK	25	12	21.41	21.41	21.35	23	1		
10	QPSK	25	25	21.34	21.46	21.31				
10	QPSK	50	0	21.50	21.42	21.50				
10	16QAM	1	0	21.31	21.41	21.44				
10	16QAM	1	25	21.38	21.55	21.46	23	1		
10	16QAM	1	49	21.34	21.37	21.34				
10	16QAM	25	0	20.38	20.37	20.37				
10	16QAM	25	12	20.31	20.39	20.24				
10	16QAM	25	25	20.31	20.41	20.25	22	2		
10	16QAM	50	0	20.44	20.38	20.30				
10	16QAM	1	0	20.19	20.24	20.14				
10	16QAM	1	25	20.14	20.30	20.16				
10	16QAM	1	49	20.10	20.22	20.03	21	3		
10	16QAM	25	0	19.32	19.36	19.38				
10	16QAM	25	12	19.36	19.48	19.20				
10	16QAM	25	25	19.30	19.41	19.29				
10	16QAM	50	0	19.21	19.39	19.32	24	0		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.77	22.78	22.65	24	0		
5	QPSK	1	12	22.84	22.46	22.41				
5	QPSK	1	24	22.25	22.38	22.37				
5	QPSK	12	0	21.52	21.52	21.54				
5	QPSK	12	7	21.34	21.50	21.33	23	1		
5	QPSK	12	13	21.38	21.43	21.37				
5	QPSK	25	0	21.51	21.42	21.46				
5	16QAM	1	0	21.26	21.49	21.44				
5	16QAM	1	12	21.50	21.53	21.41	23	1		
5	16QAM	1	24	21.37	21.30	21.25				
5	16QAM	12	0	20.39	20.47	20.32				
5	16QAM	12	7	20.31	20.46	20.23				
5	16QAM	12	13	20.34	20.33	20.22	22	2		
5	16QAM	25	0	20.30	20.31	20.26				
5	16QAM	1	0	20.13	20.24	20.13				
5	16QAM	1	12	20.19	20.27	20.24				
5	16QAM	1	24	20.12	20.17	20.11	21	3		
5	16QAM	12	0	19.37	19.34	19.29				
5	16QAM	12	7	19.34	19.38	19.33				
5	16QAM	12	13	19.30	19.42	19.36				
5	16QAM	25	0	19.27	19.46	19.25	24	0		



Band 2 Default Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	22.83	22.83	22.73			
20	QPSK	1	49	22.76	22.84	22.81	24	0	
20	QPSK	1	99	22.68	22.78	22.73			
20	QPSK	50	0	21.85	21.94	21.72			
20	QPSK	50	24	21.75	21.83	21.78	23	1	
20	QPSK	50	50	21.74	21.77	21.69			
20	QPSK	100	0	21.82	21.86	21.73			
20	16QAM	1	0	21.86	21.99	21.91			
20	16QAM	1	49	21.98	22.03	21.96	23	1	
20	16QAM	1	99	21.84	21.95	21.91			
20	16QAM	50	0	20.67	20.79	20.77			
20	16QAM	50	24	20.70	20.74	20.62			
20	16QAM	50	50	20.64	20.69	20.63	22	2	
20	16QAM	100	0	20.53	20.66	20.56			
20	64QAM	1	0	20.85	20.87	20.84			
20	64QAM	1	49	20.84	20.95	20.88	22	2	
20	64QAM	1	99	20.74	20.88	20.84			
20	64QAM	50	0	19.62	19.75	19.70			
20	64QAM	50	24	19.68	19.71	19.60	21	3	
20	64QAM	50	50	19.62	19.65	19.55			
20	64QAM	100	0	19.54	19.62	19.58			
Channel									
Frequency (MHz)									
15	QPSK	1	0	22.73	22.90	22.54			
15	QPSK	1	37	22.74	22.80	22.73	24	0	
15	QPSK	1	74	22.54	22.77	22.64			
15	QPSK	36	0	21.70	21.80	21.68			
15	QPSK	36	20	21.60	21.67	21.58	23	1	
15	QPSK	36	39	21.60	21.71	21.60			
15	QPSK	75	0	21.82	21.74	21.70			
15	16QAM	1	0	21.68	21.88	21.73			
15	16QAM	1	37	21.92	21.98	21.94	23	1	
15	16QAM	1	74	21.79	21.86	21.80			
15	16QAM	36	0	20.65	20.60	20.67			
15	16QAM	36	20	20.76	20.83	20.74	22	2	
15	16QAM	36	39	20.66	20.62	20.61			
15	16QAM	75	0	20.33	20.62	20.43			
15	64QAM	1	0	20.76	20.70	20.82			
15	64QAM	1	37	20.77	20.88	20.87	22	2	
15	64QAM	1	74	20.62	20.85	20.68			
15	64QAM	36	0	19.56	19.74	19.63			
15	64QAM	36	20	19.58	19.63	19.56	21	3	
15	64QAM	36	39	19.60	19.64	19.64			
15	64QAM	75	0	19.41	19.44	19.56			
Channel									
Frequency (MHz)									
10	QPSK	1	0	22.64	22.84	22.59			
10	QPSK	1	25	22.60	22.77	22.81	24	0	
10	QPSK	1	49	22.50	22.77	22.58			
10	QPSK	25	0	21.80	21.82	21.53			
10	QPSK	25	12	21.67	21.74	21.70	23	1	
10	QPSK	25	25	21.55	21.66	21.67			
10	QPSK	50	0	21.73	21.94	21.57			
10	16QAM	1	0	21.79	21.89	21.83			
10	16QAM	1	25	21.87	21.94	21.91	23	1	
10	16QAM	1	49	21.65	21.94	21.89			
10	16QAM	25	0	20.49	20.75	20.62			
10	16QAM	25	12	20.64	20.74	20.49	22	2	
10	16QAM	25	25	20.59	20.57	20.48			
10	16QAM	50	0	20.45	20.50	20.36			
10	64QAM	1	0	20.83	20.72	20.65	22	2	
10	64QAM	1	17	20.77	20.83	20.69			
10	64QAM	1	49	20.57	20.85	20.66			
10	64QAM	25	0	19.54	19.60	19.56			
10	64QAM	25	12	19.57	19.59	19.48	21	3	
10	64QAM	25	25	19.45	19.49	19.54			
10	64QAM	50	0	19.49	19.42	19.51			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.77	22.80	22.67			
5	QPSK	1	12	22.60	22.83	22.73	24	0	
5	QPSK	1	24	22.50	22.87	22.71			
5	QPSK	12	0	21.81	21.90	21.64			
5	QPSK	12	7	21.57	21.73	21.61	23	1	
5	QPSK	12	13	21.67	21.66	21.66			
5	QPSK	25	0	21.70	21.82	21.70			
5	16QAM	1	0	21.69	21.83	21.87			
5	16QAM	1	12	21.93	21.99	21.87	23	1	
5	16QAM	1	24	21.71	21.79	21.71			
5	16QAM	12	0	20.58	20.75	20.74			
5	16QAM	12	7	20.61	20.57	20.62	22	2	
5	16QAM	12	13	20.60	20.66	20.55			
5	16QAM	25	0	20.34	20.49	20.50			
5	64QAM	1	0	20.74	20.83	20.76			
5	64QAM	1	12	20.81	20.85	20.71	22	2	
5	64QAM	1	24	20.58	20.73	20.84			
5	64QAM	12	0	19.46	19.61	19.54			
5	64QAM	12	7	19.63	19.62	19.54	21	3	
5	64QAM	12	13	19.44	19.55	19.52			
5	64QAM	25	0	19.48	19.45	19.45			
Channel									
Frequency (MHz)									
3	QPSK	1	0	22.78	22.77	22.57			
3	QPSK	1	8	22.56	22.67	22.68	24	0	
3	QPSK	1	14	22.58	22.68	22.54			
3	QPSK	8	0	21.83	21.90	21.66			
3	QPSK	8	4	21.72	21.75	21.64	23	1	
3	QPSK	8	7	21.65	21.73	21.60			
3	QPSK	15	0	21.72	21.78	21.55			
3	16QAM	1	0	21.75	21.80	21.87			
3	16QAM	1	8	21.78	21.90	21.80	23	1	
3	16QAM	1	14	21.83	21.92	21.90			
3	16QAM	8	0	20.58	20.65	20.63			
3	16QAM	8	4	20.68	20.58	20.45	22	2	
3	16QAM	8	7	20.57	20.56	20.50			
3	16QAM	15	0	20.41	20.58	20.55			
3	64QAM	1	0	20.77	20.68	20.78			
3	64QAM	1	8	20.81	20.89	20.88	22	2	
3	64QAM	1	14	20.54	20.69	20.66			
3	64QAM	8	0	19.56	19.74	19.51			
3	64QAM	8	4	19.60	19.63	19.50	21	3	
3	64QAM	8	7	19.54	19.57	19.39			
3	64QAM	15	0	19.38	19.55	19.38			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	22.84	22.72	22.53			
1.4	QPSK	1	3	22.69	22.69	22.84	24	0	
1.4	QPSK	1	5	22.68	22.60	22.66			
1.4	QPSK	3	0	22.69	22.75	22.54			
1.4	QPSK	3	1	22.72	22.68	22.58			
1.4	QPSK	3	3	22.70	22.73	22.64	23	1	
1.4	QPSK	6	0	21.70	21.72	21.69			
1.4	16QAM	1	0	21.78	21.98	21.79			
1.4	16QAM	1	3	21.91	21.98	21.94	23	1	
1.4	16QAM	1	5	21.79	21.90	21.74			
1.4	16QAM	3	0	21.53	21.70	21.74			
1.4	16QAM	3	1	21.55	21.56	21.54			
1.4	16QAM	3	3	21.48	21.69	21.61			
1.4	16QAM	6	0	20.53	20.55	20.39	22	2	
1.4	64QAM	1	0	20.80	20.68	20.79			
1.4	64QAM	1	3	20.70	20.92	20.79			
1.4	64QAM	1	5	20.59	20.84	20.66	22	2	
1.4	64QAM	3	0	20.49	20.55	20.62			
1.4	64QAM	3	1	20.63	20.58	20.47			
1.4	64QAM	3	3	20.53	20.57	20.50			
1.4	64QAM	6	0	19.53	19.62	19.54	21	3	

Band 4 Default Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20050	Power Middle Ch. / Freq. 20175	Power High Ch. / Freq. 20300	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	23.10	23.23	23.15			
20	QPSK	1	49	23.07	23.09	23.00	24	0	
20	QPSK	1	99	22.94	23.02	22.90			
20	QPSK	50	0	22.03	22.18	21.93			
20	QPSK	50	24	22.04	22.07	22.01	23	1	
20	QPSK	50	50	22.10	22.06	22.08			
20	QPSK	100	0	22.04	22.16	22.13			
20	16QAM	1	0	22.04	22.12	22.06			
20	16QAM	1	49	22.22	22.27	22.22	23	1	
20	16QAM	1	99	22.04	22.10	22.03			
20	16QAM	50	0	21.02	21.05	20.96			
20	16QAM	50	24	21.01	21.07	20.96			
20	16QAM	50	50	21.00	21.14	21.02	22	2	
20	16QAM	100	0	20.98	21.11	21.01			
20	64QAM	1	0	21.07	21.09	20.99			
20	64QAM	1	49	21.22	21.25	21.21	22	2	
20	64QAM	1	99	20.96	21.07	20.96			
20	64QAM	50	0	20.03	20.15	20.03			
20	64QAM	50	24	20.14	20.19	20.17			
20	64QAM	50	50	20.10	20.22	20.15	21	3	
20	64QAM	100	0	20.12	20.19	20.12			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	22.99	23.17	23.02			
15	QPSK	1	37	22.91	22.93	22.87	24	0	
15	QPSK	1	74	22.80	22.98	22.85			
15	QPSK	36	0	21.92	22.06	21.81			
15	QPSK	36	20	21.89	21.89	21.89	23	1	
15	QPSK	36	39	21.96	21.91	22.02			
15	QPSK	75	0	21.87	22.13	22.03			
15	16QAM	1	0	21.96	21.96	21.89			
15	16QAM	1	37	22.13	22.14	22.19	23	1	
15	16QAM	1	74	21.87	21.95	21.96			
15	16QAM	36	0	20.95	20.92	20.91			
15	16QAM	36	20	20.84	21.00	20.80	22	2	
15	16QAM	36	39	20.89	21.10	20.99			
15	16QAM	75	0	20.95	21.03	20.85			
15	64QAM	1	0	20.89	20.98	20.84			
15	64QAM	1	37	21.04	21.16	21.04	22	2	
15	64QAM	1	74	20.94	21.04	20.83			
15	64QAM	36	0	19.85	20.04	20.05			
15	64QAM	36	20	20.00	20.16	19.98			
15	64QAM	36	39	19.99	20.11	20.07	21	3	
15	64QAM	75	0	19.99	20.06	20.06			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	23.00	23.10	23.02			
10	QPSK	1	25	23.00	22.92	22.91	24	0	
10	QPSK	1	49	22.79	22.88	22.88			
10	QPSK	25	0	22.01	22.13	21.84	23	1	
10	QPSK	25	12	21.91	21.89	21.84			
10	QPSK	25	25	22.01	21.95	22.00			
10	QPSK	50	0	21.91	22.04	22.07			
10	16QAM	1	0	21.92	21.95	21.94			
10	16QAM	1	25	22.17	22.13	22.05	23	1	
10	16QAM	1	49	21.88	21.93	21.99			
10	16QAM	25	0	20.93	21.03	20.84			
10	16QAM	25	12	20.95	21.06	20.95	22	2	
10	16QAM	25	25	20.87	21.00	20.93			
10	16QAM	50	0	20.82	21.08	20.92			
10	64QAM	1	0	20.94	20.95	20.91			
10	64QAM	1	25	21.17	21.09	21.20	22	2	
10	64QAM	1	49	20.93	21.02	20.83			
10	64QAM	25	0	19.99	20.02	20.02			
10	64QAM	25	12	20.09	20.09	19.97	21	3	
10	64QAM	25	25	20.00	20.06	20.13			
10	64QAM	50	0	19.98	20.09	20.09			
Channel				1957.5	2017.5	2037.5	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	23.00	23.09	23.09			
5	QPSK	1	12	22.91	23.01	22.96	24	0	
5	QPSK	1	24	22.84	22.93	22.83			
5	QPSK	12	0	21.85	22.14	21.85			
5	QPSK	12	7	22.02	21.98	21.87	23	1	
5	QPSK	12	13	21.99	21.96	22.04			
5	QPSK	25	0	21.92	22.08	22.02			
5	16QAM	1	0	21.92	21.92	21.85			
5	16QAM	1	12	22.13	22.12	22.08	23	1	
5	16QAM	1	24	21.97	22.02	21.91			
5	16QAM	12	0	21.00	21.02	20.88			
5	16QAM	12	7	20.99	20.90	20.91	22	2	
5	16QAM	12	13	20.88	21.03	20.92			
5	16QAM	25	0	20.89	21.08	20.98			
5	64QAM	1	0	21.04	21.02	20.94			
5	64QAM	1	12	21.12	21.15	21.08	22	2	
5	64QAM	1	24	20.98	21.04	20.82			
5	64QAM	12	0	19.87	20.06	20.08			
5	64QAM	12	7	19.97	20.10	19.99	21	3	
5	64QAM	12	13	20.06	20.07	20.01			
5	64QAM	25	0	19.96	20.08	20.01			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	23.06	23.06	22.98			
3	QPSK	1	8	23.03	22.95	22.96	24	0	
3	QPSK	1	14	22.86	22.97	22.74			
3	QPSK	8	0	21.89	21.98	21.84			
3	QPSK	8	4	21.86	22.01	21.90	23	1	
3	QPSK	8	7	20.86	21.95	21.94			
3	QPSK	15	0	22.02	22.14	22.00			
3	16QAM	1	0	21.93	22.03	21.92			
3	16QAM	1	8	22.12	22.02	22.13	23	1	
3	16QAM	1	14	21.88	22.09	21.91			
3	16QAM	8	0	20.97	20.99	20.81			
3	16QAM	8	4	20.91	20.96	20.88			
3	16QAM	8	7	20.96	21.06	20.96	22	2	
3	16QAM	15	0	20.84	21.02	20.88			
3	16QAM	1	0	21.01	20.97	20.85			
3	64QAM	1	8	21.06	21.09	21.15	22	2	
3	64QAM	1	14	20.86	21.04	20.82			
3	64QAM	8	0	20.01	20.04	20.07			
3	64QAM	8	4	20.10	20.07	19.96	21	3	
3	64QAM	8	7	20.00	20.08	20.03			
3	64QAM	15	0	19.99	20.02	19.96			
Channel				19967	20176	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	22.96	23.05	23.12			
1.4	QPSK	1	3	22.99	22.97	22.88	24	0	
1.4	QPSK	1	5	22.82	22.92	22.74			
1.4	QPSK	3	0	22.90	22.93	22.81			
1.4	QPSK	3	1	23.01	22.94	22.88			
1.4	QPSK	3	3	22.92	23.02	23.01			
1.4	QPSK	6	0	22.01	22.01	21.98	23	1	
1.4	16QAM	1	0	22.00	22.02	21.93			
1.4	16QAM	1	3	22.16	22.16	22.10			
1.4	16QAM	1	5	21.99	21.95	21.94	23	1	
1.4	16QAM	3	0	21.98	21.91	21.94			
1.4	16QAM	3	1	21.93	21.97	21.80			
1.4	16QAM	3	3	21.88	21.98	21.99			
1.4	16QAM	6	0	20.85	21.06	20.94	22	2	
1.4	64QAM	1	0	20.97	21.05	21.05			
1.4	64QAM	1	3	21.08	21.12	21.16			
1.4	64QAM	1	5	20.89	21.04	20.91	22	2	
1.4	64QAM	3	0	21.00	21.00	20.97			
1.4	64QAM	3	1	21.06	21.15	20.95			
1.4	64QAM	3	3	21.05	21.12	21.09			
1.4	64QAM	6	0	20.10	20.13	20.05	21	3	



Band 7 Default Ant1-ENDC										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	23.14	23.29	23.16	24	0		
20	QPSK	1	49	23.17	23.26	23.16				
20	QPSK	1	99	23.02	23.14	23.02				
20	QPSK	50	0	22.13	22.25	22.16	23	1		
20	QPSK	50	24	22.08	22.23	22.11				
20	QPSK	50	50	22.07	22.21	22.08				
20	QPSK	100	0	22.13	22.24	22.16	23	1		
20	16QAM	1	0	22.09	22.22	22.14				
20	16QAM	1	49	22.26	22.34	22.22				
20	16QAM	1	99	22.04	22.16	22.07	22	2		
20	16QAM	50	0	21.09	21.24	21.14				
20	16QAM	50	24	21.05	21.19	21.10				
20	16QAM	50	50	21.07	21.18	21.06	22	2		
20	16QAM	100	0	21.07	21.21	21.10				
20	64QAM	1	0	21.08	21.16	21.05				
20	64QAM	1	49	21.18	21.23	21.13	22	2		
20	64QAM	1	99	20.98	21.11	20.97				
20	64QAM	50	0	20.04	20.16	20.07				
20	64QAM	50	24	20.06	20.18	20.10	21	3		
20	64QAM	50	50	20.05	20.14	20.01				
20	64QAM	100	0	20.02	20.12	19.99				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	23.05	23.22	23.04	24	0		
15	QPSK	1	37	23.05	23.17	23.08				
15	QPSK	1	74	22.93	23.01	22.93				
15	QPSK	36	0	22.04	22.15	22.07	23	1		
15	QPSK	36	20	22.00	22.14	22.03				
15	QPSK	36	39	21.98	22.11	21.98				
15	QPSK	75	0	22.05	22.16	22.06	23	1		
15	16QAM	1	0	21.99	22.10	22.06				
15	16QAM	1	37	22.14	22.26	22.10				
15	16QAM	1	74	21.99	22.09	22.01	22	2		
15	16QAM	36	0	21.00	21.16	21.03				
15	16QAM	36	20	20.97	21.07	21.04				
15	16QAM	36	39	20.95	21.09	20.99	22	2		
15	16QAM	75	0	21.00	21.09	20.99				
15	64QAM	1	0	20.97	21.04	20.95				
15	64QAM	1	37	21.08	21.11	21.05	22	2		
15	64QAM	1	74	20.86	21.01	20.87				
15	64QAM	36	0	19.94	20.07	19.98				
15	64QAM	36	20	19.96	20.06	20.03	21	3		
15	64QAM	36	39	19.97	20.05	19.96				
15	64QAM	75	0	19.93	19.99	19.91				
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	23.05	23.18	23.05	24	0		
10	QPSK	1	25	23.04	23.13	23.05				
10	QPSK	1	49	22.90	23.07	22.92				
10	QPSK	25	0	22.05	22.14	22.04	23	1		
10	QPSK	25	12	21.99	22.13	21.98				
10	QPSK	25	25	21.95	22.13	22.00				
10	QPSK	50	0	22.02	22.13	22.05	23	1		
10	16QAM	1	0	22.00	22.10	22.05				
10	16QAM	1	25	22.14	22.21	22.13				
10	16QAM	1	49	21.98	22.10	22.01	22	2		
10	16QAM	25	0	20.99	21.15	21.06				
10	16QAM	25	12	20.94	21.11	20.97				
10	16QAM	25	25	20.97	21.08	20.99	22	2		
10	16QAM	50	0	21.00	21.11	21.00				
10	64QAM	1	0	20.96	21.04	20.98				
10	64QAM	1	25	21.05	21.11	21.02	22	2		
10	64QAM	1	49	20.90	21.02	20.88				
10	64QAM	25	0	19.97	20.03	19.97				
10	64QAM	25	12	19.98	20.11	20.01	21	3		
10	64QAM	25	25	19.97	20.05	19.92				
10	64QAM	50	0	19.92	20.04	19.89				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	23.06	23.17	23.04	24	0		
5	QPSK	1	12	23.08	23.15	23.09				
5	QPSK	1	24	22.80	23.03	22.90				
5	QPSK	12	0	22.05	22.13	22.06	23	1		
5	QPSK	12	7	21.99	22.13	22.02				
5	QPSK	12	13	22.00	22.10	22.00				
5	QPSK	25	0	22.05	22.16	22.04	23	1		
5	16QAM	1	0	21.99	22.10	22.04				
5	16QAM	1	12	22.17	22.23	22.15				
5	16QAM	1	24	21.98	22.12	21.97	22	2		
5	16QAM	12	0	21.02	21.15	21.05				
5	16QAM	12	7	20.95	21.11	20.98				
5	16QAM	12	13	20.97	21.11	20.96	22	2		
5	16QAM	25	0	20.96	21.10	21.00				
5	64QAM	1	0	20.97	21.07	20.94				
5	64QAM	1	12	21.07	21.15	21.03	22	2		
5	64QAM	1	24	20.90	20.99	20.86				
5	64QAM	12	0	19.91	20.04	19.95				
5	64QAM	12	7	19.97	20.08	20.01	21	3		
5	64QAM	12	13	19.97	20.06	19.92				
5	64QAM	25	0	19.92	20.00	19.92				

Band 12 Default Ant1-ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.83	22.94	22.88	24	0	
10	QPSK	1	25	22.74	22.87	22.77			
10	QPSK	1	49	22.68	22.83	22.71			
10	QPSK	25	0	21.78	22.02	21.88	23	1	
10	QPSK	25	12	21.74	21.88	21.77			
10	QPSK	25	25	21.79	21.91	21.78			
10	QPSK	50	0	21.76	22.01	21.87	23	1	
10	16QAM	1	0	21.84	21.93	21.78			
10	16QAM	1	25	21.88	22.02	21.91			
10	16QAM	1	49	21.74	21.86	21.70	22	2	
10	16QAM	25	0	20.88	21.02	20.87			
10	16QAM	25	12	20.77	20.87	20.78			
10	16QAM	25	25	20.78	20.91	20.80	22	2	
10	16QAM	50	0	20.84	20.95	20.85			
10	64QAM	1	0	20.77	20.90	20.78			
10	64QAM	1	25	20.86	20.99	20.84	22	2	
10	64QAM	1	49	20.80	20.92	20.83			
10	64QAM	25	0	19.87	20.01	19.88			
10	64QAM	25	12	19.78	19.86	19.79	21	3	
10	64QAM	25	25	19.75	19.87	19.74			
10	64QAM	50	0	19.86	19.95	19.82			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.75	22.87	22.81	24	0	
5	QPSK	1	12	22.66	22.76	22.64			
5	QPSK	1	24	22.57	22.72	22.60			
5	QPSK	12	0	21.70	21.95	21.79	23	1	
5	QPSK	12	7	21.61	21.79	21.66			
5	QPSK	12	13	21.70	21.83	21.68			
5	QPSK	25	0	21.63	21.90	21.76	23	1	
5	16QAM	1	0	21.73	21.83	21.66			
5	16QAM	1	12	21.80	21.89	21.83			
5	16QAM	1	24	21.74	21.85	21.73	22	2	
5	16QAM	12	0	20.77	20.95	20.79			
5	16QAM	12	7	20.68	20.76	20.69			
5	16QAM	12	13	20.68	20.81	20.68	22	2	
5	16QAM	25	0	20.73	20.85	20.74			
5	64QAM	1	0	20.66	20.81	20.67			
5	64QAM	1	12	20.74	20.86	20.76	22	2	
5	64QAM	1	24	20.70	20.84	20.72			
5	64QAM	12	0	19.75	19.93	19.76			
5	64QAM	12	7	19.69	19.76	19.71	21	3	
5	64QAM	12	13	19.68	19.76	19.66			
5	64QAM	25	0	19.77	19.86	19.69			
Channel				23025	23095	23165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.76	22.82	22.81	24	0	
3	QPSK	1	8	22.65	22.79	22.67			
3	QPSK	1	14	22.56	22.73	22.64			
3	QPSK	8	0	21.70	21.93	21.78	23	1	
3	QPSK	8	4	21.63	21.80	21.67			
3	QPSK	8	7	21.69	21.82	21.66			
3	QPSK	15	0	21.71	21.90	21.77	23	1	
3	16QAM	1	8	21.74	21.81	21.66			
3	16QAM	1	8	21.80	21.92	21.84			
3	16QAM	1	14	21.73	21.82	21.71	22	2	
3	16QAM	8	0	20.78	20.90	20.77			
3	16QAM	8	4	20.67	20.77	20.70			
3	16QAM	8	7	20.79	20.79	20.70	22	2	
3	16QAM	15	0	20.72	20.83	20.76			
3	64QAM	1	8	20.70	20.76	20.70			
3	64QAM	1	8	20.75	20.87	20.73	21	3	
3	64QAM	1	14	20.70	20.83	20.76			
3	64QAM	8	0	19.75	19.88	19.76			
3	64QAM	8	4	19.70	19.74	19.68	21	3	
3	64QAM	8	7	19.66	19.79	19.66			
3	64QAM	15	0	19.77	19.85	19.71			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.72	22.83	22.75	24	0	
1.4	QPSK	1	5	22.64	22.77	22.64			
1.4	QPSK	1	9	22.57	22.73	22.60			
1.4	QPSK	3	0	22.65	22.93	22.72	23	1	
1.4	QPSK	3	1	22.64	22.80	22.71			
1.4	QPSK	3	3	22.65	22.80	22.64			
1.4	QPSK	6	0	21.69	21.91	21.77	23	1	
1.4	16QAM	1	0	21.72	21.84	21.64			
1.4	16QAM	1	3	21.76	21.93	21.78			
1.4	16QAM	1	5	21.72	21.78	21.65	22	2	
1.4	16QAM	3	0	21.77	21.87	21.76			
1.4	16QAM	3	1	21.63	21.79	21.69			
1.4	16QAM	3	3	21.66	21.82	21.70	22	2	
1.4	16QAM	6	0	20.74	20.86	20.72			
1.4	64QAM	1	0	20.63	20.83	20.68			
1.4	64QAM	1	3	20.74	20.91	20.76	22	2	
1.4	64QAM	1	5	20.67	20.76	20.68			
1.4	64QAM	3	0	20.76	20.92	20.76			
1.4	64QAM	3	1	20.83	20.77	20.67	21	3	
1.4	64QAM	3	3	20.64	20.74	20.61			
1.4	64QAM	6	0	19.72	19.84	19.74			

Band 48_FCC Default Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	23.12	23.22	23.28	23.23		
20	QPSK	1	49	23.20	23.17	23.25	23.16		
20	QPSK	1	99	23.13	23.15	23.19	23.04	24	0
20	QPSK	50	0	22.09	22.17	22.23	22.15		
20	QPSK	50	24	22.11	22.09	22.19	22.14		
20	QPSK	50	50	22.16	22.15	22.21	22.15		
20	QPSK	100	0	22.12	22.07	22.20	22.09	23	1
20	16QAM	1	0	22.09	22.04	22.18	22.09		
20	16QAM	1	49	22.23	22.25	22.29	22.20		
20	16QAM	1	99	22.14	22.12	22.23	22.15		
20	16QAM	50	0	21.12	21.14	21.20	21.15	22	2
20	16QAM	50	24	21.19	21.22	21.25	21.13		
20	16QAM	50	50	21.19	21.09	21.24	21.20		
20	16QAM	100	0	21.14	21.17	21.23	21.13		
20	64QAM	1	0	20.78	20.82	20.91	20.87	22	2
20	64QAM	1	49	20.76	20.74	20.88	20.81		
20	64QAM	1	99	20.76	20.69	20.84	20.78		
20	64QAM	50	0	20.18	20.10	20.22	20.14		
20	64QAM	50	24	20.12	20.18	20.24	20.10	21	3
20	64QAM	50	50	20.16	20.11	20.25	20.16		
20	64QAM	100	0	20.11	20.11	20.23	20.16		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5	24	0
15	QPSK	1	0	23.04	23.10	23.21	23.16		
15	QPSK	1	37	23.10	23.08	23.15	23.06		
15	QPSK	1	74	23.00	23.07	23.08	22.92		
15	QPSK	36	0	22.02	22.04	22.11	22.04	23	1
15	QPSK	36	20	21.99	21.98	22.11	22.04		
15	QPSK	36	39	22.09	22.05	22.09	22.05		
15	QPSK	75	0	22.04	21.97	22.13	21.98		
15	16QAM	1	0	22.00	21.96	22.11	21.97	23	1
15	16QAM	1	37	22.15	22.18	22.20	22.12		
15	16QAM	1	74	22.04	22.01	22.10	22.05		
15	16QAM	36	0	21.00	21.03	21.13	21.04		
15	16QAM	36	20	21.11	21.12	21.14	21.03	22	2
15	16QAM	36	39	21.11	20.98	21.16	21.12		
15	16QAM	75	0	21.06	21.08	21.14	21.05		
15	64QAM	1	0	20.69	20.70	20.81	20.77		
15	64QAM	1	37	20.85	20.84	20.75	20.72	22	2
15	64QAM	1	74	20.66	20.59	20.74	20.67		
15	64QAM	36	0	20.09	20.02	20.11	20.06		
15	64QAM	36	20	20.05	20.06	20.16	20.02		
15	64QAM	36	39	20.04	20.01	20.12	20.07	21	3
15	64QAM	75	0	20.02	20.04	20.12	20.06		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695	24	0
10	QPSK	1	0	23.04	23.11	23.15	23.15		
10	QPSK	1	25	23.07	23.05	23.12	23.07		
10	QPSK	1	49	23.00	23.05	23.12	22.92		
10	QPSK	25	0	22.01	22.06	22.11	22.01	23	1
10	QPSK	25	12	22.02	22.01	22.12	22.05		
10	QPSK	25	25	22.07	22.03	22.08	22.04		
10	QPSK	50	0	22.02	21.98	22.06	21.99		
10	16QAM	1	0	22.00	21.95	22.06	22.00	23	1
10	16QAM	1	25	22.15	22.16	22.16	22.07		
10	16QAM	1	49	22.06	22.01	22.13	22.08		
10	16QAM	25	0	21.02	21.05	21.09	21.07		
10	16QAM	25	12	21.09	21.09	21.18	20.98	22	2
10	16QAM	25	25	21.08	21.02	21.11	21.08		
10	16QAM	50	0	21.00	21.08	21.09	21.01		
10	64QAM	1	0	20.66	20.68	20.78	20.73		
10	64QAM	1	25	20.62	20.62	20.74	20.68	22	2
10	64QAM	1	49	20.66	20.58	20.75	20.66		
10	64QAM	25	0	20.08	19.95	20.11	20.01		
10	64QAM	25	12	20.00	20.06	20.14	20.02		
10	64QAM	25	25	20.08	19.96	20.15	20.06	21	3
10	64QAM	50	0	20.02	19.98	20.11	20.06		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5	24	0
5	QPSK	1	0	22.97	23.14	23.13	23.13		
5	QPSK	1	12	23.11	23.04	23.13	22.99		
5	QPSK	1	24	22.96	23.04	23.08	22.87		
5	QPSK	12	0	21.98	22.07	22.14	21.99	23	1
5	QPSK	12	7	21.97	21.95	22.11	21.98		
5	QPSK	12	13	22.04	22.07	22.08	22.01		
5	QPSK	25	0	22.05	21.96	22.08	21.92		
5	16QAM	1	0	21.96	21.95	22.06	21.99	23	1
5	16QAM	1	12	22.08	22.12	22.13	22.12		
5	16QAM	1	24	22.06	21.99	22.12	22.05		
5	16QAM	12	0	20.97	20.97	21.12	21.02		
5	16QAM	12	7	21.09	21.11	21.08	20.98	22	2
5	16QAM	12	13	21.07	20.94	21.09	21.12		
5	16QAM	25	0	21.00	21.00	21.10	21.01		
5	64QAM	1	0	20.67	20.67	20.83	20.71		
5	64QAM	1	12	20.62	20.61	20.77	20.73	22	2
5	64QAM	1	24	20.59	20.59	20.74	20.63		
5	64QAM	12	0	20.02	19.99	20.09	20.04		
5	64QAM	12	7	20.02	20.10	20.12	19.93		
5	64QAM	12	13	20.07	20.00	20.18	20.02	21	3
5	64QAM	25	0	19.99	20.01	20.16	20.01		

Reduced Power Mode for WWAN

GSM850_DSIS Ant 0									
GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel		128	169	251		128	169	251	
Frequency (MHz)		824.2	835.4	846.6		824.2	835.4	846.6	
GSM 1 Tx slot		30.68	30.75	30.71	31.50	21.68	21.75	21.71	22.50
GPRS 2 Tx slot		30.67	30.69	30.64	31.50	21.67	21.69	21.64	22.50
GPRS 3 Tx slots		29.51	29.55	29.58	30.50	23.51	23.55	23.58	24.50
GPRS 4 Tx slots		27.74	27.77	27.76	29.00	23.48	23.51	23.50	24.74
GPRS 4 Tx slots		26.66	26.62	26.67	27.50	23.66	23.62	23.67	24.50
EDGE 1 Tx slot		24.54	24.60	24.65	25.50	15.54	15.60	15.65	16.50
EDGE 2 Tx slots		23.09	23.17	23.24	24.50	17.09	17.17	17.24	18.50
EDGE 3 Tx slots		20.85	20.94	21.05	22.50	16.59	16.68	16.79	18.24
EDGE 4 Tx slots		19.66	19.68	19.72	21.00	16.66	16.68	16.72	18.00

GSM1900_DSIS Ant 0									
GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
Tx Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1869.8		1850.2	1860	1869.8	
GSM 1 Tx slot		26.55	26.56	26.47	27.50	17.55	17.56	17.47	18.50
GPRS 2 Tx slot		26.47	26.54	26.46	27.50	17.47	17.54	17.46	18.50
GPRS 3 Tx slots		25.51	25.45	25.42	26.50	19.51	19.45	19.42	20.50
GPRS 4 Tx slots		23.44	23.46	23.38	25.00	19.18	19.20	19.12	20.74
GPRS 4 Tx slots		22.54	22.58	22.49	24.00	19.54	19.58	19.49	21.00
EDGE 1 Tx slot		22.58	22.57	22.68	23.50	13.58	13.57	13.68	14.50
EDGE 2 Tx slots		21.50	21.48	21.55	22.50	15.50	15.48	15.55	16.50
EDGE 3 Tx slots		18.18	18.10	18.13	20.00	13.92	13.84	13.87	15.74
EDGE 4 Tx slots		16.82	16.75	16.82	18.50	13.82	13.75	13.82	15.50

WCDMA II_DSIS Ant 0									
Band		WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)
Tx Channel		9262	9406	9538		4132	4162	4233	
Rx Channel		9662	9800	9938		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.69	17.62	17.82	19.00	17.88	18.01	17.92	19.00
3GPP Rel 99	RMC 12.2Kbps	17.82	17.85	17.76	19.00	17.91	18.03	17.97	19.00
3GPP Rel 6	HSDPA Subtest-1	16.88	16.98	16.77	18.00	17.12	16.87	16.71	18.00
3GPP Rel 6	HSDPA Subtest-2	17.11	16.88	16.78	18.00	17.06	16.67	17.07	18.00
3GPP Rel 6	HSDPA Subtest-3	16.03	16.59	16.34	17.50	16.33	16.41	16.54	17.50
3GPP Rel 6	HSDPA Subtest-4	16.45	16.33	16.26	17.50	16.46	16.44	16.36	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.02	17.15	16.79	18.00	16.96	16.90	16.78	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.90	16.97	16.90	18.00	16.92	16.84	16.86	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.43	16.48	16.47	17.50	16.33	16.27	16.39	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.26	16.53	16.45	17.50	16.14	16.46	16.36	17.50
3GPP Rel 6	HSUPA Subtest-1	16.75	17.00	16.91	18.00	16.84	16.93	16.83	18.00
3GPP Rel 6	HSUPA Subtest-2	15.04	15.14	15.04	16.00	15.07	15.19	15.17	16.00
3GPP Rel 6	HSUPA Subtest-3	16.05	15.95	15.88	17.00	15.86	15.82	15.99	17.00
3GPP Rel 6	HSUPA Subtest-4	15.03	15.14	15.10	16.00	15.15	15.11	15.06	16.00
3GPP Rel 6	HSUPA Subtest-5	16.72	16.86	16.79	18.00	16.96	17.03	16.95	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.05	15.13	15.09	15.50	15.43	15.37	15.43	15.50

WCDMA V_DSIS Ant 0

Band		WCDMA V			Tune-up Limit (dBm)
Tx Channel		4132	4162	4233	
Rx Channel		4357	4407	4458	
Frequency (MHz)		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	17.69	17.62	17.82	19.00
3GPP Rel 99	RMC 12.2Kbps	17.82	17.85	17.76	19.00
3GPP Rel 6	HSDPA Subtest-1	16.88	16.98	16.77	18.00
3GPP Rel 6	HSDPA Subtest-2	17.11	16.88	16.78	18.00
3GPP Rel 6	HSDPA Subtest-3	16.03	16.59	16.34	17.50
3GPP Rel 6	HSDPA Subtest-4	16.45	16.33	16.26	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.02	17.15	16.79	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.90	16.97	16.90	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.43	16.48	16.47	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.26	16.53	16.45	17.50
3GPP Rel 6	HSUPA Subtest-1	16.75	17.00	16.91	18.00
3GPP Rel 6	HSUPA Subtest-2	15.04	15.14	15.04	16.00
3GPP Rel 6	HSUPA Subtest-3	16.05	15.95	15.88	17.00
3GPP Rel 6	HSUPA Subtest-4	15.03	15.14	15.10	16.00
3GPP Rel 6	HSUPA Subtest-5	16.72	16.86	16.79	18.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.05	15.13	15.09	15.50

GSM850_DS17 Ant 0

GSM850	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
TX Channel	824.2	836.4	848.8		824.2	836.4	848.8	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	30.68	30.75	30.71	31.00	21.68	21.75	21.71	22.00
GPRS 1 Tx slot	30.67	30.69	30.64	31.00	21.67	21.69	21.64	22.00
GPRS 2 Tx slots	29.51	29.55	29.58	30.00	23.51	23.55	23.58	24.00
GPRS 3 Tx slots	27.74	27.76	27.66	28.50	23.48	23.50	23.40	24.24
GPRS 4 Tx slots	26.66	26.62	26.67	27.00	23.66	23.62	23.67	24.00
EDGE 1 Tx slot	24.54	24.60	24.65	25.00	15.54	15.60	15.65	16.00
EDGE 2 Tx slots	23.09	23.17	23.24	24.00	17.09	17.17	17.24	18.00
EDGE 3 Tx slots	20.85	20.94	21.05	22.00	16.59	16.68	16.79	17.74
EDGE 4 Tx slots	19.66	19.68	19.72	20.50	16.66	16.68	16.72	17.50

GSM1900_DS17 Ant 0

GSM1900	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
TX Channel	1850.2	1880	1909.8		1850.2	1880	1909.8	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	26.55	26.56	26.47	27.00	17.55	17.56	17.47	18.00
GPRS 1 Tx slot	26.47	26.54	26.46	27.00	17.47	17.54	17.46	18.00
GPRS 2 Tx slots	25.51	25.45	25.42	26.00	19.51	19.45	19.42	20.00
GPRS 3 Tx slots	23.44	23.46	23.36	24.50	19.18	19.20	19.12	20.24
GPRS 4 Tx slots	22.54	22.58	22.49	23.50	19.54	19.58	19.49	20.50
EDGE 1 Tx slot	22.63	22.57	22.68	23.00	13.63	13.57	13.68	14.00
EDGE 2 Tx slots	20.61	20.48	20.55	22.00	14.61	14.48	14.55	16.00
EDGE 3 Tx slots	18.18	18.10	18.13	19.50	13.92	13.84	13.87	15.24
EDGE 4 Tx slots	16.82	16.75	16.82	18.00	13.82	13.75	13.82	15.00

WCDMA II_DS17 Ant 0

WCDMA V_DS17 Ant 0

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9262	9400	9538		4132	4182	4233	
TX Channel	9662	9800	9938		4357	4407	4458	
Rx Channel	9662	9800	9938		4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6	
3GPP Rel 99 AMR 12.2Kbps	17.69	17.62	17.82	19.00	21.37	21.35	21.32	22.50
3GPP Rel 99 RMC 12.2Kbps	17.82	17.85	17.76	19.00	21.52	21.64	21.59	22.50
3GPP Rel 6 HSDPA Subtest-1	16.88	16.98	16.77	18.00	20.55	20.34	20.26	21.50
3GPP Rel 6 HSDPA Subtest-2	17.11	16.88	16.78	18.00	20.53	20.39	20.57	21.50
3GPP Rel 6 HSDPA Subtest-3	16.63	16.59	16.34	17.50	19.90	19.97	19.92	21.00
3GPP Rel 6 HSDPA Subtest-4	16.45	16.33	16.26	17.50	19.97	20.07	19.86	21.00
3GPP Rel 6 DC-HSDPA Subtest-1	17.02	17.15	16.79	18.00	20.63	20.42	20.33	21.50
3GPP Rel 6 DC-HSDPA Subtest-2	16.90	16.97	16.90	18.00	20.49	20.39	20.42	21.50
3GPP Rel 6 DC-HSDPA Subtest-3	16.43	16.46	16.47	17.50	19.75	19.89	19.76	21.00
3GPP Rel 6 DC-HSDPA Subtest-4	16.26	16.53	16.45	17.50	19.78	19.98	19.95	21.00
3GPP Rel 6 HSUPA Subtest-1	16.75	17.00	16.91	18.00	20.58	20.49	20.47	21.50
3GPP Rel 6 HSUPA Subtest-2	14.74	14.94	14.84	16.00	18.34	18.43	18.50	19.50
3GPP Rel 6 HSUPA Subtest-3	16.05	15.95	15.88	17.00	19.29	19.39	19.40	20.50
3GPP Rel 6 HSUPA Subtest-4	14.73	14.84	14.90	16.00	18.44	18.46	18.45	19.50
3GPP Rel 6 HSUPA Subtest-5	16.72	16.86	16.79	18.00	20.50	20.70	20.45	21.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	14.45	14.63	14.59	15.50	17.87	17.93	18.24	19.00

WCDMA IV_DS17 Ant 0

Band	WCDMA IV			Tune-up Limit (dBm)
	1312	1413	1513	
TX Channel	1537	1638	1738	
Rx Channel	1537	1638	1738	
Frequency (MHz)	1712.4	1732.6	1752.8	
3GPP Rel 99 AMR 12.2Kbps	17.19	17.23	16.95	18.00
3GPP Rel 99 RMC 12.2Kbps	17.21	17.26	17.24	18.00
3GPP Rel 6 HSDPA Subtest-1	16.04	15.91	15.92	17.00
3GPP Rel 6 HSDPA Subtest-2	16.27	16.05	15.96	17.00
3GPP Rel 6 HSDPA Subtest-3	15.43	15.57	15.45	16.50
3GPP Rel 6 HSDPA Subtest-4	15.64	15.52	15.44	16.50
3GPP Rel 6 DC-HSDPA Subtest-1	15.93	15.83	15.95	17.00
3GPP Rel 6 DC-HSDPA Subtest-2	15.94	15.95	16.01	17.00
3GPP Rel 6 DC-HSDPA Subtest-3	15.51	15.56	15.36	16.50
3GPP Rel 6 DC-HSDPA Subtest-4	15.37	15.49	15.36	16.50
3GPP Rel 6 HSUPA Subtest-1	15.91	15.96	15.83	17.00
3GPP Rel 6 HSUPA Subtest-2	14.04	13.98	13.91	15.00
3GPP Rel 6 HSUPA Subtest-3	14.90	15.06	15.25	16.00
3GPP Rel 6 HSUPA Subtest-4	14.14	14.16	13.96	15.00
3GPP Rel 6 HSUPA Subtest-5	16.16	16.13	16.02	17.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1	13.68	13.45	13.72	14.50



GSM850_Default&DS16 Ant 0

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	(dBm)	824.2	836.4	848.8	(dBm)
Frequency (MHz)	824.2	836.4	848.8	33.50	23.23	23.40	23.31	24.50
GSM 1 Tx slot	32.23	32.40	32.31	33.50	23.23	23.40	23.31	24.50
GPRS 1 Tx slot	32.22	32.38	32.28	33.50	23.22	23.38	23.28	24.50
GPRS 2 Tx slots	31.40	31.56	31.47	32.50	25.40	25.56	25.47	26.50
GPRS 3 Tx slots	29.67	29.79	29.75	31.00	25.41	25.53	25.49	26.74
GPRS 4 Tx slots	28.57	28.68	28.67	29.50	25.57	25.68	25.67	26.50
EDGE 1 Tx slot	26.44	26.55	26.52	27.50	17.44	17.55	17.52	18.50
EDGE 2 Tx slots	25.30	25.43	25.51	26.50	19.30	19.43	19.51	20.50
EDGE 3 Tx slots	23.19	23.33	23.21	24.50	18.93	19.07	18.95	20.24
EDGE 4 Tx slots	21.81	21.75	21.77	23.00	18.81	18.75	18.77	20.00

GSM1900_DS16 Ant 0

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	(dBm)	1850.2	1880	1909.8	(dBm)
Frequency (MHz)	1850.2	1880	1909.8	29.50	19.41	19.46	19.47	20.50
GSM 1 Tx slot	28.41	28.46	28.47	29.50	19.41	19.46	19.47	20.50
GPRS 1 Tx slot	28.27	28.53	28.41	29.50	19.27	19.53	19.41	20.50
GPRS 2 Tx slots	27.52	27.36	27.33	28.50	21.52	21.36	21.33	22.50
GPRS 3 Tx slots	25.28	25.26	25.25	27.00	21.02	21.02	20.99	22.74
GPRS 4 Tx slots	24.32	24.51	24.32	26.00	21.32	21.51	21.32	23.00
EDGE 1 Tx slot	24.83	24.81	24.80	25.50	15.83	15.81	15.80	16.50
EDGE 2 Tx slots	22.77	22.66	22.76	24.50	16.77	16.66	16.76	18.50
EDGE 3 Tx slots	20.38	20.35	20.33	22.00	16.12	16.09	16.07	17.74
EDGE 4 Tx slots	19.11	19.00	18.96	20.50	16.11	16.00	15.96	17.50

WCDMA II_DS16 Ant 0

WCDMA IV_DS16 Ant 0

WCDMA V_Default&DS16 Ant 0

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA IV			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)	
	9262	9400	9538		1312	1413	1513		4132	4182	4233		
TX Channel	9662	9800	9938	(dBm)	1537	1638	1738	(dBm)	4357	4407	4458	(dBm)	
Frequency (MHz)	1852.4	1880	1907.6	21.00	1712.4	1732.6	1752.6	21.00	826.4	836.4	846.6	24.00	
3GPP Rel 99	AMR 12.2Kbps	19.67	19.65	19.64	21.00	19.97	19.98	19.94	21.00	23.09	23.16	23.11	24.00
3GPP Rel 99	RM-C 12.2Kbps	19.67	19.63	19.67	21.00	20.03	20.06	20.05	21.00	23.22	23.24	23.21	24.00
3GPP Rel 6	HSDPA Subtest-1	18.90	18.94	18.91	20.00	19.06	18.90	18.90	20.00	22.22	22.13	22.06	23.00
3GPP Rel 6	HSDPA Subtest-2	18.84	19.00	18.79	20.00	18.90	18.79	18.94	20.00	22.24	22.06	22.13	23.00
3GPP Rel 6	HSDPA Subtest-3	18.58	18.37	18.33	19.50	18.43	18.39	18.42	19.50	21.62	21.63	21.71	22.50
3GPP Rel 6	HSDPA Subtest-4	18.40	18.37	18.20	19.50	18.46	18.44	18.31	19.50	21.58	21.72	21.56	22.50
3GPP Rel 8	DC-HSDPA Subtest-1	18.90	18.75	19.05	20.00	18.81	18.69	18.78	20.00	22.15	22.02	22.01	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	19.00	18.92	18.85	20.00	18.91	18.82	18.96	20.00	22.10	22.03	22.11	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	18.61	18.60	18.45	19.50	18.33	18.30	18.40	19.50	21.57	21.62	21.60	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	18.42	18.25	18.50	19.50	18.22	18.40	18.29	19.50	21.52	21.68	21.54	22.50
3GPP Rel 6	HSUPA Subtest-1	18.99	19.13	18.87	20.00	18.95	18.88	18.81	20.00	22.12	22.14	22.10	23.00
3GPP Rel 6	HSUPA Subtest-2	16.85	17.07	16.69	18.00	16.78	16.88	16.85	18.00	20.08	20.12	20.16	21.00
3GPP Rel 6	HSUPA Subtest-3	17.74	18.00	17.81	19.00	17.77	17.81	17.97	19.00	21.06	21.16	21.19	22.00
3GPP Rel 6	HSUPA Subtest-4	16.98	16.91	16.92	18.00	16.97	16.94	16.99	18.00	20.14	20.17	20.13	21.00
3GPP Rel 6	HSUPA Subtest-5	18.70	19.17	18.88	20.00	18.97	19.10	19.05	20.00	22.15	22.29	22.18	23.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.37	16.43	16.46	17.50	16.49	16.42	16.44	17.50	19.67	19.71	19.80	20.50



Band 2_DSI3 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./F.Freq.	Power Middle Ch./F.Freq.	Power High Ch./F.Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	16.88	16.90	16.85	18.5	0	
20	QPSK	1	49	16.76	16.84	16.76			
20	QPSK	1	99	16.75	16.88	16.81			
20	QPSK	50	0	15.97	16.09	15.84	17.5	1	
20	QPSK	50	24	15.91	16.01	15.75			
20	QPSK	50	50	15.89	15.98	15.80			
20	QPSK	100	0	15.90	16.07	15.88	17.5	1	
20	16QAM	1	0	15.89	15.94	15.84			
20	16QAM	1	49	15.77	15.84	15.75			
20	16QAM	1	99	15.75	15.88	15.82	18.5	2	
20	16QAM	50	0	15.07	15.08	15.04			
20	16QAM	50	24	15.11	15.01	15.04			
20	16QAM	50	50	15.08	15.19	15.09	16.5	2	
20	16QAM	100	0	15.10	15.08	15.08			
20	64QAM	1	0	15.08	15.13	15.04			
20	64QAM	1	49	15.07	15.04	15.04	16.5	2	
20	64QAM	1	99	15.15	15.08	15.02			
20	64QAM	50	0	14.18	14.27	14.03			
20	64QAM	50	24	14.11	14.20	13.94	15.5	3	
20	64QAM	50	50	14.07	14.18	14.00			
20	64QAM	100	0	14.10	14.27	14.07			
Channel									
Frequency (MHz)									
15	QPSK	1	0	16.81	16.90	16.78	18.5	0	
15	QPSK	1	37	16.68	16.76	16.69			
15	QPSK	1	74	16.64	16.77	16.79			
15	QPSK	36	0	15.83	15.98	15.70	17.5	1	
15	QPSK	36	20	15.88	15.99	15.83			
15	QPSK	36	39	15.78	15.86	15.75			
15	QPSK	75	0	15.79	16.00	15.83	17.5	1	
15	16QAM	1	0	15.86	15.82	15.74			
15	16QAM	1	37	15.73	15.72	15.72			
15	16QAM	1	74	15.62	15.75	15.79	16.5	2	
15	16QAM	36	0	14.92	15.02	14.71			
15	16QAM	36	20	14.97	14.97	14.89			
15	16QAM	36	39	14.81	14.96	14.70	16.5	2	
15	16QAM	75	0	14.83	14.94	14.83			
15	64QAM	1	0	14.85	14.84	14.75			
15	64QAM	1	37	14.71	14.77	14.70	16.5	2	
15	64QAM	1	74	14.63	14.86	14.70			
15	64QAM	36	0	13.91	14.04	13.74			
15	64QAM	36	20	13.78	13.95	13.84	15.5	3	
15	64QAM	36	39	13.80	13.86	13.69			
15	64QAM	75	0	13.87	13.97	13.82			
Channel									
Frequency (MHz)									
10	QPSK	1	0	16.78	16.88	16.72	18.5	0	
10	QPSK	1	25	16.63	16.74	16.67			
10	QPSK	1	49	16.68	16.85	16.73			
10	QPSK	25	0	15.90	16.02	15.75	17.5	1	
10	QPSK	25	12	15.81	15.91	15.73			
10	QPSK	25	25	15.84	15.90	15.74			
10	QPSK	50	0	15.86	15.95	15.75	17.5	1	
10	16QAM	1	0	15.86	15.80	15.79			
10	16QAM	1	25	15.68	15.76	15.71			
10	16QAM	1	49	15.61	15.81	15.69	16.5	2	
10	16QAM	25	0	14.94	14.95	14.78			
10	16QAM	25	12	14.83	14.95	14.66			
10	16QAM	25	25	14.75	14.93	14.72	16.5	2	
10	16QAM	50	0	14.79	15.06	14.77			
10	64QAM	1	0	14.81	14.84	14.70			
10	64QAM	1	25	14.85	14.81	14.67	16.5	2	
10	64QAM	1	49	14.64	14.82	14.67			
10	64QAM	25	0	13.96	14.01	13.76			
10	64QAM	25	12	13.82	13.86	13.84	15.5	3	
10	64QAM	25	25	13.79	13.84	13.67			
10	64QAM	50	0	13.82	14.04	13.84			
Channel									
Frequency (MHz)									
5	QPSK	1	0	16.80	16.84	16.73	18.5	0	
5	QPSK	1	12	16.83	16.74	16.73			
5	QPSK	1	24	16.67	16.66	16.73			
5	QPSK	12	0	15.84	16.00	15.71	17.5	1	
5	QPSK	12	7	15.83	15.96	15.81			
5	QPSK	12	13	15.83	15.92	15.69			
5	QPSK	25	0	15.77	16.03	15.85	17.5	1	
5	16QAM	1	0	15.78	15.92	15.71			
5	16QAM	1	12	15.66	15.77	15.71			
5	16QAM	1	24	15.66	15.74	15.71	16.5	2	
5	16QAM	12	0	14.86	15.01	14.74			
5	16QAM	12	7	14.80	14.89	14.66			
5	16QAM	12	13	14.83	14.96	14.70	16.5	2	
5	16QAM	25	0	14.87	14.96	14.83			
5	64QAM	1	0	14.85	14.83	14.78			
5	64QAM	1	12	14.69	14.82	14.71	16.5	2	
5	64QAM	1	24	14.63	14.84	14.76			
5	64QAM	12	0	13.96	14.00	13.73			
5	64QAM	12	7	13.78	13.92	13.85	15.5	3	
5	64QAM	12	13	13.78	13.89	13.76			
5	64QAM	25	0	13.85	14.01	13.78			
Channel									
Frequency (MHz)									
3	QPSK	1	0	16.74	16.82	16.82	18.5	0	
3	QPSK	1	8	16.71	16.71	16.73			
3	QPSK	1	14	16.63	16.85	16.75			
3	QPSK	8	0	15.88	16.03	15.78	17.5	1	
3	QPSK	8	4	15.85	15.96	15.64			
3	QPSK	8	7	15.80	15.85	15.68			
3	QPSK	15	0	15.87	15.94	15.74	17.5	1	
3	16QAM	1	0	15.78	15.88	15.75			
3	16QAM	1	8	15.65	15.72	15.68			
3	16QAM	1	14	15.69	15.81	15.79	16.5	2	
3	16QAM	8	0	14.85	14.97	14.71			
3	16QAM	8	4	14.79	14.96	14.67			
3	16QAM	8	7	14.82	14.95	14.73	16.5	2	
3	16QAM	15	0	14.76	15.03	14.75			
3	64QAM	1	0	14.83	14.81	14.73			
3	64QAM	1	8	14.63	14.82	14.68	16.5	2	
3	64QAM	1	14	14.68	14.81	14.79			
3	64QAM	8	0	13.86	13.99	13.70			
3	64QAM	8	4	13.86	13.92	13.66	15.5	3	
3	64QAM	8	7	13.73	13.95	13.68			
3	64QAM	15	0	13.86	14.03	13.78			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	16.77	16.80	16.82	18.5	0	
1.4	QPSK	1	3	16.63	16.71	16.70			
1.4	QPSK	1	5	16.57	16.84	16.76			
1.4	QPSK	3	0	16.79	16.88	16.70	17.5	1	
1.4	QPSK	3	1	16.78	16.74	16.55			
1.4	QPSK	3	3	16.73	16.71	16.53			
1.4	QPSK	6	0	15.80	15.95	15.76	17.5	1	
1.4	16QAM	1	0	15.83	15.81	15.72			
1.4	16QAM	1	5	14.57	14.71	14.74			
1.4	16QAM	1	5	15.65	15.76	15.66	16.5	2	
1.4	16QAM	3	0	15.88	16.01	15.68			
1.4	16QAM	3	1	15.84	15.84	15.71	16.5	2	
1.4	16QAM	3	3	15.85	15.85	15.68			
1.4	16QAM	6	0	14.81	15.01	14.82			
1.4	16QAM	1	0	14.80	14.89	14.79	16.5	2	
1.4	64QAM	1	3	14.64	14.76	14.74			
1.4	64QAM	1	5	14.57	14.71	14.74			
1.4	64QAM	3	0	14.85	14.90	14.70	16.5	2	
1.4	64QAM	3	1	14.75	14.92	14.61			
1.4	64QAM	3	3	14.73	14.94	14.62			
1.4	64QAM	6	0	13.88	14.01	13.77	15.5	3	



Band 7_DSI3 Ant0									
BW (MHz)	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	2510	2535	2560
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.75	21.77	21.71	23	0	
20	QPSK	1	49	21.62	21.75	21.68			
20	QPSK	1	99	21.64	21.64	21.67			
20	QPSK	50	0	20.70	20.84	20.77			
20	QPSK	50	24	20.66	20.74	20.65			
20	QPSK	50	50	20.65	20.71	20.75	22	1	
20	QPSK	100	0	20.71	20.79	20.72			
20	16QAM	1	0	20.83	20.76	20.63			
20	16QAM	1	49	20.57	20.69	20.77			
20	16QAM	1	99	20.61	20.67	20.77			
20	16QAM	50	0	19.60	19.84	19.86	21	2	
20	16QAM	50	24	19.59	19.79	19.74			
20	16QAM	50	50	19.73	19.66	19.66			
20	16QAM	100	0	19.70	19.84	19.65			
20	64QAM	1	0	19.75	19.78	19.55			
20	64QAM	1	49	19.51	19.77	19.75	21	2	
20	64QAM	1	99	19.69	19.63	19.83			
20	64QAM	50	0	18.62	18.75	18.91			
20	64QAM	50	24	18.57	18.83	18.73			
20	64QAM	50	50	18.74	18.68	18.74			
20	64QAM	100	0	18.69	18.87	18.85	20	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)		MPR (dB)
15	QPSK	1	0	21.66	21.72	21.63	23	0	
15	QPSK	1	37	21.54	21.63	21.59			
15	QPSK	1	74	21.61	21.58	21.54			
15	QPSK	36	0	20.68	20.80	20.75			
15	QPSK	36	20	20.63	20.71	20.55			
15	QPSK	36	39	20.56	20.64	20.73	22	1	
15	QPSK	75	0	20.58	20.69	20.61			
15	16QAM	1	0	20.79	20.69	20.57			
15	16QAM	1	37	20.46	20.59	20.70			
15	16QAM	1	74	20.49	20.65	20.72			
15	16QAM	36	0	19.48	19.76	19.75	21	2	
15	16QAM	36	20	19.47	19.69	19.72			
15	16QAM	36	39	19.65	19.58	19.62			
15	16QAM	75	0	19.67	19.76	19.59			
15	64QAM	1	0	19.64	19.75	19.41			
15	64QAM	1	37	19.41	19.72	19.69	21	2	
15	64QAM	1	74	19.57	19.58	19.70			
15	64QAM	36	0	18.59	18.73	18.79			
15	64QAM	36	20	18.45	18.71	18.61			
15	64QAM	36	39	18.72	18.57	18.61			
15	64QAM	75	0	18.66	18.76	18.52	20	3	
Channel				20900	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)		MPR (dB)
10	QPSK	1	0	21.71	21.69	21.60	23	0	
10	QPSK	1	25	21.51	21.73	21.60			
10	QPSK	1	49	21.50	21.61	21.53			
10	QPSK	25	0	20.68	20.77	20.66			
10	QPSK	25	12	20.53	20.63	20.59			
10	QPSK	25	25	20.53	20.58	20.67	22	1	
10	QPSK	50	0	20.62	20.70	20.63			
10	16QAM	1	0	20.71	20.69	20.59			
10	16QAM	1	25	20.48	20.59	20.63			
10	16QAM	1	49	20.56	20.55	20.65			
10	16QAM	25	0	19.47	19.73	19.78	21	2	
10	16QAM	25	12	19.55	19.68	19.60			
10	16QAM	25	25	19.63	19.61	19.53			
10	16QAM	50	0	19.56	19.61	19.53			
10	64QAM	1	0	19.67	19.72	19.52			
10	64QAM	1	25	19.42	19.73	19.71	21	2	
10	64QAM	1	49	19.63	19.52	19.61			
10	64QAM	25	0	18.52	18.69	18.88			
10	64QAM	25	12	18.54	18.81	18.60			
10	64QAM	25	25	18.71	18.57	18.68			
10	64QAM	50	0	18.67	18.76	18.61	20	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	0	21.65	21.67	21.58	23	0	
5	QPSK	1	12	21.56	21.71	21.57			
5	QPSK	1	24	21.60	21.59	21.63			
5	QPSK	12	0	20.60	20.71	20.73			
5	QPSK	12	7	20.61	20.64	20.56			
5	QPSK	12	13	20.63	20.60	20.63	22	1	
5	QPSK	25	0	20.63	20.69	20.68			
5	16QAM	1	0	20.74	20.70	20.52			
5	16QAM	1	12	20.48	20.61	20.70			
5	16QAM	1	24	20.55	20.54	20.72			
5	16QAM	12	0	19.50	19.79	19.73	21	2	
5	16QAM	12	7	19.55	19.70	19.66			
5	16QAM	12	13	19.61	19.62	19.52			
5	16QAM	25	0	19.65	19.70	19.55			
5	64QAM	1	0	19.64	19.68	19.47			
5	64QAM	1	12	19.46	19.65	19.67	21	2	
5	64QAM	1	24	19.67	19.56	19.78			
5	64QAM	12	0	18.59	18.71	18.77			
5	64QAM	12	7	18.45	18.75	18.63			
5	64QAM	12	13	18.65	18.64	18.68			
5	64QAM	25	0	18.62	18.77	18.58	20	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)		MPR (dB)

Band 12_Default&DSi3 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.78	22.84	22.75	24	0	
10	QPSK	1	25	22.68	22.76	22.70			
10	QPSK	1	49	22.61	22.68	22.57			
10	QPSK	25	0	21.69	21.86	21.64			
10	QPSK	25	12	21.62	21.69	21.56			
10	QPSK	25	25	21.69	21.76	21.66	23	1	
10	QPSK	50	0	21.66	21.79	21.74			
10	16QAM	1	0	21.88	21.93	21.85			
10	16QAM	1	25	21.88	21.98	21.96			
10	16QAM	1	49	21.86	21.96	21.93			
10	16QAM	25	0	20.71	20.84	20.74	22	2	
10	16QAM	25	12	20.63	20.69	20.61			
10	16QAM	25	25	20.69	20.76	20.63			
10	16QAM	50	0	20.78	20.81	20.74			
10	64QAM	1	0	20.73	20.84	20.80			
10	64QAM	1	25	20.78	20.87	20.80	22	2	
10	64QAM	1	49	20.76	20.79	20.75			
10	64QAM	25	0	19.79	19.84	19.72			
10	64QAM	25	12	19.82	19.68	19.59			
10	64QAM	25	25	19.59	19.73	19.61			
10	64QAM	50	0	19.66	19.78	19.74	21	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)		MPR (dB)
5	QPSK	1	0	22.63	22.78	22.68	24	0	
5	QPSK	1	12	22.50	22.63	22.63			
5	QPSK	1	24	22.46	22.53	22.46			
5	QPSK	12	0	21.52	21.69	21.55			
5	QPSK	12	7	21.59	21.58	21.53			
5	QPSK	12	13	21.65	21.60	21.54	23	1	
5	QPSK	25	0	21.59	21.62	21.66			
5	16QAM	1	0	21.76	21.78	21.74	23	1	
5	16QAM	1	12	21.78	21.83	21.88			
5	16QAM	1	24	21.73	21.82	21.81			
5	16QAM	12	0	20.68	20.76	20.57			
5	16QAM	12	7	20.47	20.56	20.48			
5	16QAM	12	13	20.59	20.54	20.54	22	2	
5	16QAM	25	0	20.69	20.77	20.67			
5	64QAM	1	0	20.67	20.67	20.63	22	2	
5	64QAM	1	12	20.68	20.69	20.67			
5	64QAM	1	24	20.70	20.71	20.77			
5	64QAM	12	0	19.73	19.82	19.55			
5	64QAM	12	7	19.48	19.60	19.47			
5	64QAM	12	13	19.52	19.18	19.48	21	3	
5	64QAM	25	0	19.53	19.73	19.60			
Channel				23025	23095	23165	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.75	22.75	22.71	24	0	
3	QPSK	1	8	22.65	22.63	22.64			
3	QPSK	1	14	22.44	22.63	22.61			
3	QPSK	8	0	21.62	21.83	21.61			
3	QPSK	8	4	21.58	21.55	21.52			
3	QPSK	8	7	21.67	21.73	21.53	23	1	
3	QPSK	15	0	21.53	21.49	21.58			
3	16QAM	1	0	21.73	21.88	21.80	23	1	
3	16QAM	1	8	21.71	21.93	21.91			
3	16QAM	1	14	21.75	21.93	21.81			
3	16QAM	8	0	20.63	20.70	20.57			
3	16QAM	8	4	20.56	20.63	20.50			
3	16QAM	8	7	20.55	20.72	20.53	22	2	
3	16QAM	15	0	20.74	20.65	20.58			
3	64QAM	1	0	20.65	20.74	20.66	22	2	
3	64QAM	1	8	20.61	20.76	20.63			
3	64QAM	1	14	20.73	20.69	20.58			
3	64QAM	8	0	19.65	19.82	19.70			
3	64QAM	8	4	19.54	19.57	19.51			
3	64QAM	8	7	19.52	19.60	19.51	21	3	
3	64QAM	15	0	19.61	19.65	19.64			
Channel				23017	23095	23173	Tune-up limit (dBm)		MPR (dB)
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.70	22.67	22.62	24	0	
1.4	QPSK	1	3	22.55	22.67	22.59			
1.4	QPSK	1	5	22.55	22.64	22.44			
1.4	QPSK	3	0	22.58	22.70	22.56			
1.4	QPSK	3	1	22.50	22.52	22.48			
1.4	QPSK	3	3	22.61	22.69	22.49	23	1	
1.4	QPSK	6	0	21.48	21.76	21.69			
1.4	16QAM	1	0	21.78	21.80	21.70			
1.4	16QAM	1	3	21.78	21.86	21.80			
1.4	16QAM	1	5	21.72	21.83	21.82			
1.4	16QAM	3	0	21.80	21.93	21.83	23	1	
1.4	16QAM	3	1	21.56	21.55	21.49			
1.4	16QAM	3	3	21.58	21.73	21.55			
1.4	16QAM	6	0	20.71	20.78	20.71			
1.4	16QAM	1	0	20.59	20.77	20.64			
1.4	64QAM	1	3	20.63	20.71	20.73	22	2	
1.4	64QAM	1	5	20.72	20.76	20.61			
1.4	64QAM	3	0	20.69	20.72	20.67			
1.4	64QAM	3	1	20.60	20.58	20.47			
1.4	64QAM	3	3	20.41	20.62	20.47			
1.4	64QAM	6	0	19.62	19.72	19.57	21	3	



Band 14_Default&DSI3 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23305	23330		24	0	
Frequency (MHz)				793					
10	QPSK	1	0	22.86	22.86		23	1	
10	QPSK	1	25	22.86	21.85				
10	QPSK	1	49	22.80	21.82				
10	QPSK	25	0	21.86	21.85				
10	QPSK	25	12	21.85	21.85		23	1	
10	QPSK	25	25	21.82	21.85				
10	QPSK	50	0	22.04	21.85				
10	16QAM	1	0	22.04	21.99				
10	16QAM	1	49	21.99	20.88		22	2	
10	16QAM	25	0	20.88	20.85				
10	16QAM	25	12	20.85	20.82				
10	16QAM	25	25	20.82	20.83				
10	16QAM	50	0	20.83	20.95		22	2	
10	64QAM	1	0	20.95	21.02				
10	64QAM	1	25	21.02	20.97				
10	64QAM	1	49	20.97	19.85				
10	64QAM	25	0	19.85	19.83		21	3	
10	64QAM	25	12	19.83	19.81				
10	64QAM	25	25	19.81	19.82				
10	64QAM	50	0	19.82					
Channel				23305	23330	23355	24	0	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	22.64	22.77	22.73	23	1	
5	QPSK	1	12	22.66	22.72	22.73			
5	QPSK	1	24	22.69	22.71	22.69			
5	QPSK	12	0	21.74	21.73	21.66			
5	QPSK	12	7	21.70	21.69	21.57	23	1	
5	QPSK	12	13	21.57	21.66	21.58			
5	QPSK	25	0	21.71	21.67	21.68			
5	16QAM	1	0	21.81	21.89	21.85			
5	16QAM	1	12	21.84	21.97	21.98	22	2	
5	16QAM	1	24	21.73	21.84	21.82			
5	16QAM	12	0	20.75	20.84	20.68			
5	16QAM	12	7	20.69	20.69	20.76			
5	16QAM	12	13	20.61	20.73	20.59	22	2	
5	16QAM	25	0	20.64	20.65	20.78			
5	64QAM	1	0	20.73	20.80	20.78			
5	64QAM	1	12	20.83	20.89	20.92			
5	64QAM	1	24	20.67	20.76	20.73	21	3	
5	64QAM	12	0	19.60	19.82	19.71			
5	64QAM	12	7	19.59	19.77	19.76			
5	64QAM	12	13	19.65	19.64	19.58			
5	64QAM	25	0	19.69	19.77	19.55			

Band 17_Default&DSI3 Ant0									
BW [MHz]	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	24	0	
Frequency (MHz)				710	710	711			
10	QPSK	1	0	22.74	22.80	22.71	23	1	
10	QPSK	1	25	22.74	22.77	22.65			
10	QPSK	1	49	22.58	22.69	22.56			
10	QPSK	25	0	21.75	21.78	21.71			
10	QPSK	25	12	21.59	21.66	21.57	23	1	
10	QPSK	25	25	21.67	21.73	21.63			
10	QPSK	50	0	21.73	21.77	21.69			
10	16QAM	1	0	21.85	21.98	21.94			
10	16QAM	1	25	21.87	21.94	21.81	22	2	
10	16QAM	1	49	21.82	21.86	21.83			
10	16QAM	25	0	20.66	20.79	20.70			
10	16QAM	25	12	20.61	20.71	20.58			
10	16QAM	25	25	20.66	20.74	20.60	22	2	
10	16QAM	50	0	20.69	20.76	20.73			
10	64QAM	1	0	20.78	20.86	20.81			
10	64QAM	1	25	20.72	20.82	20.78			
10	64QAM	1	49	20.71	20.79	20.74	21	3	
10	64QAM	25	0	19.73	19.78	19.68			
10	64QAM	25	12	19.68	19.74	19.69			
10	64QAM	25	25	19.73	19.75	19.67			
10	64QAM	50	0	19.68	19.77	19.67	24	0	
Channel				23755	23790	23825			
Frequency (MHz)				708.5	710	713.5	23	1	
5	QPSK	1	0	22.68	22.75	22.63			
5	QPSK	1	12	22.68	22.73	22.60	23	1	
5	QPSK	1	24	22.42	22.52	22.50			
5	QPSK	12	0	21.66	21.70	21.55			
5	QPSK	12	7	21.46	21.58	21.45			
5	QPSK	12	13	21.52	21.56	21.58	23	1	
5	QPSK	25	0	21.70	21.65	21.57			
5	16QAM	1	0	21.81	21.95	21.86			
5	16QAM	1	12	21.82	21.78	21.70			
5	16QAM	1	24	21.65	21.81	21.78	22	2	
5	16QAM	12	0	20.55	20.71	20.59			
5	16QAM	12	7	20.47	20.63	20.49			
5	16QAM	12	13	20.49	20.66	20.49			
5	16QAM	25	0	20.67	20.67	20.69	22	2	
5	64QAM	1	0	20.67	20.80	20.64			
5	64QAM	1	12	20.56	20.74	20.75			
5	64QAM	1	24	20.62	20.61	20.70			
5	64QAM	12	0	19.61	19.66	19.66	21	3	
5	64QAM	12	7	19.65	19.58	19.55			
5	64QAM	12	13	19.62	19.64	19.54			
5	64QAM	25	0	19.59	19.60	19.64			

Band 25_DSI3 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	16.92	16.94	16.86	18.5	0	
20	QPSK	1	49	16.84	16.90	16.74			
20	QPSK	1	99	16.83	16.86	16.80			
20	QPSK	50	0	15.76	15.84	15.71			
20	QPSK	50	24	15.64	15.81	15.65	17.5	1	
20	QPSK	50	50	15.73	15.72	15.62			
20	QPSK	100	0	15.74	15.81	15.72			
20	16QAM	1	0	15.90	16.01	15.90			
20	16QAM	1	49	15.88	15.90	15.71	17.5	1	
20	16QAM	1	99	15.86	15.85	15.87			
20	16QAM	50	0	14.74	14.78	14.81			
20	16QAM	50	24	14.70	14.75	14.69			
20	16QAM	50	50	14.73	14.74	14.54	16.5	2	
20	16QAM	100	0	14.74	14.80	14.77			
20	64QAM	1	0	14.93	15.01	14.87			
20	64QAM	1	49	14.81	14.92	14.66			
20	64QAM	1	99	14.86	14.90	14.80	16.5	2	
20	64QAM	50	0	13.74	13.73	13.75			
20	64QAM	50	24	13.67	13.75	13.61			
20	64QAM	50	50	13.65	13.80	13.58			
20	64QAM	100	0	13.66	13.76	13.75	15.5	3	
Channel				26115	26340	26615			
Frequency (MHz)				1857.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	16.87	16.92	16.73	18.5	0	
15	QPSK	1	37	16.79	16.78	16.69			
15	QPSK	1	74	16.71	16.78	16.69			
15	QPSK	36	0	15.66	15.71	15.66			
15	QPSK	36	20	15.60	15.68	15.59	17.5	1	
15	QPSK	36	39	15.68	15.66	15.50			
15	QPSK	75	0	15.71	15.78	15.59			
15	16QAM	1	0	15.82	15.97	15.77			
15	16QAM	1	37	15.79	15.79	15.61	17.5	1	
15	16QAM	1	74	15.75	15.81	15.81			
15	16QAM	36	0	14.81	14.74	14.72			
15	16QAM	36	20	14.60	14.65	14.64			
15	16QAM	36	39	14.66	14.65	14.51	16.5	2	
15	16QAM	75	0	14.70	14.66	14.69			
15	64QAM	1	0	14.86	14.92	14.75			
15	64QAM	1	37	14.69	14.86	14.64			
15	64QAM	1	74	14.91	14.88	14.77	16.5	2	
15	64QAM	36	0	13.69	13.63	13.70			
15	64QAM	36	20	13.60	13.69	13.58			
15	64QAM	36	39	13.60	13.72	13.54			
15	64QAM	75	0	13.61	13.74	13.69	15.5	3	
Channel				26090	26340	26610			
Frequency (MHz)				1855	1880	1910	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.84	16.87	16.75	18.5	0	
10	QPSK	1	25	16.81	16.76	16.70			
10	QPSK	1	49	16.72	16.77	16.77			
10	QPSK	1	74	15.69	15.73	15.62			
10	QPSK	25	12	15.50	15.75	15.53	17.5	1	
10	QPSK	25	25	15.60	15.65	15.54			
10	QPSK	50	0	15.66	15.75	15.60			
10	16QAM	1	0	15.84	15.98	15.77			
10	16QAM	1	25	15.78	15.87	15.59	17.5	1	
10	16QAM	1	49	15.77	15.83	15.77			
10	16QAM	25	0	14.64	14.72	14.60			
10	16QAM	25	12	14.60	14.70	14.58			
10	16QAM	25	25	14.59	14.65	14.51	16.5	2	
10	16QAM	50	0	14.63	14.71	14.74			
10	64QAM	1	0	14.91	14.96	14.83			
10	64QAM	1	25	14.73	14.87	14.62			
10	64QAM	1	49	14.90	14.78	14.73	16.5	2	
10	64QAM	25	0	13.68	13.66	13.62			
10	64QAM	25	12	13.55	13.66	13.57			
10	64QAM	25	25	13.63	13.70	13.52			
10	64QAM	50	0	13.58	13.69	13.62	15.5	3	
Channel				26055	26340	26615			
Frequency (MHz)				1852.5	1880	1912.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	16.82	16.84	16.81	18.5	0	
5	QPSK	1	12	16.73	16.81	16.62			
5	QPSK	1	24	16.75	16.73	16.70			
5	QPSK	12	0	15.71	15.78	15.65			
5	QPSK	12	7	15.55	15.72	15.63	17.5	1	
5	QPSK	12	13	15.65	15.69	15.56			
5	QPSK	25	0	15.63	15.73	15.65			
5	16QAM	1	0	15.85	15.91	15.81			
5	16QAM	1	12	15.77	15.88	15.65	17.5	1	
5	16QAM	1	24	15.79	15.73	15.81			
5	16QAM	12	0	14.70	14.69	14.73			
5	16QAM	12	7	14.60	14.61	14.59			
5	16QAM	12	13	14.67	14.71	14.54	16.5	2	
5	16QAM	25	0	14.70	14.67	14.64			
5	64QAM	1	0	14.91	14.99	14.75			
5	64QAM	1	12	14.75	14.87	14.68			
5	64QAM	1	24	14.85	14.77	14.80	16.5	2	
5	64QAM	12	0	13.66	13.62	13.63			
5	64QAM	12	7	13.59	13.71	13.53			
5	64QAM	12	13	13.58	13.67	13.55			
5	64QAM	25	0	13.64	13.65	13.62	15.5	3	
Channel				26055	26340	26675			
Frequency (MHz)				1851.5	1880	1913.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	16.81	16.82	16.74	18.5	0	
3	QPSK	1	8	16.81	16.79	16.63			
3	QPSK	1	14	16.80	16.74	16.76			
3	QPSK	8	0	15.71	15.79	15.69			
3	QPSK	8	4	15.52	15.69	15.59	17.5	1	
3	QPSK	8	7	15.64	15.62	15.57			
3	QPSK	15	0	15.69	15.71	15.64			
3	16QAM	1	0	15.85	15.95	15.82			
3	16QAM	1	8	15.76	15.84	15.58	17.5	1	
3	16QAM	1	14	15.75	15.75	15.84			
3	16QAM	8	0	14.69	14.70	14.78			
3	16QAM	8	4	14.60	14.62	14.64			
3	16QAM	8	7	14.69	14.69	14.57	16.5	2	
3	16QAM	15	0	14.71	14.70	14.72			
3	64QAM	1	0	14.83	14.96	14.75			
3	64QAM	1	8	14.75	14.87	14.63			
3	64QAM	1	14	14.90	14.84	14.75	16.5	2	
3	64QAM	8	0	13.63	13.62	13.68			
3	64QAM	8	4	13.64	13.63	13.53			
3	64QAM	8	7	13.56	13.70	13.58			
3	64QAM	15	0	13.51	13.73	13.63	15.5	3	
Channel				26047	26340	26693			
Frequency (MHz)				1850.7	1880	1914.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	16.88	16.80	16.73	18.5	0	
1.4	QPSK	1	3	16.75	16.85	16.68			
1.4	QPSK	1	5	16.71	16.76	16.67			
1.4	QPSK	3	0	16.62	16.80	16.60			
1.4	QPSK	3	1	16.51	16.72	16.51	17.5	1	
1.4	QPSK	3	3	16.65	16.58	16.59			
1.4	QPSK	6	0	15.63	15.71	15.57			
1.4	16QAM	1	0	15.77	15.89	15.83			
1.4	16QAM	1	5	15.75	15.75	15.50	17.5	1	
1.4	16QAM	1	5	15.75	15.75	15.50			
1.4	16QAM	3	0	15.68	15.66	15.68			
1.4	16QAM	3	1	15.56	15.69	15.60			
1.4	16QAM	3	3	15.61	15.65	15.51	16.5	2	
1.4	16QAM	6	0	14.64	14.64	14.73			
1.4	64QAM	1	0	14.85	14.87	14.80			
1.4	64QAM	1	3	14.71	14.78	14.54			
1.4	64QAM	1	5	14.90	14.84	14.70	16.5	2	
1.4	64QAM	3	0	14.69	14.60	14.70			
1.4	64QAM	3	1	14.59	14.68	14.54			
1.4	64QAM	3	3	14.53	14.66	14.52			
1.4	64QAM	6	0	13.51	13.67	13.70	15.5	3	

Band 26_DS13 Ant0									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				821.5	831.5	841.5			
15	QPSK	1	0	21.77	21.79	21.73	23	0	
15	QPSK	1	37	21.74	21.74	21.82			
15	QPSK	1	74	21.65	21.65	21.65	22	1	
15	QPSK	36	0	20.69	20.71	20.67			
15	QPSK	36	20	20.55	20.58	20.54	22	1	
15	QPSK	36	39	20.66	20.67	20.56			
15	QPSK	75	0	20.66	20.70	20.62	22	1	
15	16QAM	1	0	20.85	20.84	20.70			
15	16QAM	1	37	20.69	20.67	20.67	21	2	
15	16QAM	1	74	20.64	20.69	20.65			
15	16QAM	36	0	19.76	19.70	19.63	21	2	
15	16QAM	36	20	19.51	19.54	19.47			
15	16QAM	36	39	19.71	19.62	19.49	21	2	
15	16QAM	75	0	19.62	19.75	19.69			
15	64QAM	1	0	19.90	19.86	19.61	21	2	
15	64QAM	1	37	19.60	19.77	19.74			
15	64QAM	1	74	19.62	19.66	19.65	20	3	
15	64QAM	36	0	18.66	18.73	18.69			
15	64QAM	36		18.61	18.62	18.64	20	3	
15	64QAM	36	39	18.75	18.56	18.59			
15	64QAM	75	0	18.65	18.81	18.78	23	0	
Channel				26740	26865	26990			
Frequency (MHz)				819	831.5	844	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.75	21.75	21.64			
10	QPSK	1	25	21.70	21.62	21.55	23	0	
10	QPSK	1	49	21.60	21.61	21.60			
10	QPSK	25	0	20.66	20.38	20.64	22	1	
10	QPSK	25	12	20.42	20.47	20.45			
10	QPSK	25	25	20.60	20.61	20.47	22	1	
10	QPSK	50	0	20.60	20.66	20.54			
10	16QAM	1	0	20.72	20.76	20.62	22	1	
10	16QAM	1	25	20.58	20.59	20.62			
10	16QAM	1	49	20.56	20.58	20.54	21	2	
10	16QAM	25	0	19.68	19.60	19.56			
10	16QAM	25	12	19.49	19.45	19.38	21	2	
10	16QAM	25	25	19.66	19.56	19.41			
10	16QAM	50	0	19.51	19.68	19.59	21	2	
10	64QAM	1	0	19.78	19.78	19.47			
10	64QAM	1	25	19.47	19.72	19.65	21	2	
10	64QAM	1	49	19.54	19.56	19.51			
10	64QAM	25	0	18.55	18.62	18.63	20	3	
10	64QAM	25	12	18.54	18.52	18.59			
10	64QAM	25	25	18.56	18.51	18.46	20	3	
10	64QAM	50	0	18.60	18.70	18.68			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.72	21.72	21.62	23	0	
5	QPSK	1	12	21.71	21.65	21.59			
5	QPSK	1	24	21.52	21.57	21.60	22	1	
5	QPSK	12	0	20.63	20.69	20.56			
5	QPSK	12	7	20.48	20.56	20.43	22	1	
5	QPSK	12	13	20.61	20.63	20.50			
5	QPSK	25	0	20.55	20.63	20.56	22	1	
5	16QAM	1	0	20.81	20.82	20.65			
5	16QAM	1	12	20.58	20.64	20.61	22	1	
5	16QAM	1	24	20.60	20.65	20.52			
5	16QAM	12	0	19.73	19.66	19.55	21	2	
5	16QAM	12	7	19.39	19.43	19.35			
5	16QAM	12	13	19.68	19.56	19.38	21	2	
5	16QAM	25	0	19.53	19.69	19.59			
5	64QAM	1	0	19.82	19.76	19.54	21	2	
5	64QAM	1	12	19.57	19.71	19.66			
5	64QAM	1	24	19.56	19.60	19.63	20	3	
5	64QAM	12	0	18.58	18.62	18.59			
5	64QAM	12	7	18.54	18.56	18.55	20	3	
5	64QAM	12	13	18.73	18.54	18.45			
5	64QAM	25	0	18.60	18.67	18.73	23	0	
Channel				26705	26865	27025			
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.71	21.69	21.70			
3	QPSK	1	8	21.71	21.64	21.55	23	0	
3	QPSK	1	14	21.58	21.63	21.53			
3	QPSK	8	0	20.66	20.62	20.64	22	1	
3	QPSK	8	4	20.42	20.52	20.47			
3	QPSK	8	7	20.60	20.58	20.51	22	1	
3	QPSK	15	0	20.55	20.66	20.54			
3	16QAM	1	0	20.82	20.78	20.57	22	1	
3	16QAM	1	8	20.66	20.61	20.57			
3	16QAM	1	14	20.51	20.55	20.56	21	2	
3	16QAM	8	0	19.70	19.61	19.51			
3	16QAM	8	4	19.44	19.51	19.42	21	2	
3	16QAM	8	7	19.64	19.56	19.35			
3	16QAM	15	0	19.54	19.72	19.60	21	2	
3	64QAM	1	0	19.78	19.79	19.49			
3	64QAM	1	8	19.55	19.64	19.61	21	2	
3	64QAM	1	14	19.56	19.63	19.56			
3	64QAM	8	0	18.52	18.59	18.58	20	3	
3	64QAM	8	4	18.54	18.51	18.60			
3	64QAM	8	7	18.65	18.46	18.48	20	3	
3	64QAM	15	0	18.57	18.75	18.71			
Channel				26997	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.70	21.65	21.63	23	0	
1.4	QPSK	1	3	21.68	21.69	21.60			
1.4	QPSK	1	5	21.55	21.55	21.52	22	1	
1.4	QPSK	3	0	21.64	21.59	21.55			
1.4	QPSK	3	1	21.48	21.48	21.40	22	1	
1.4	QPSK	3	3	21.54	21.60	21.47			
1.4	QPSK	6	0	20.53	20.55	20.50	22	1	
1.4	16QAM	1	0	20.78	20.73	20.63			
1.4	16QAM	1	3	20.58	20.55	20.53	22	1	
1.4	16QAM	1	5	20.49	20.54	20.50			
1.4	16QAM	3	0	20.66	20.63	20.57	21	2	
1.4	16QAM	3	1	20.41	20.44	20.31			
1.4	16QAM	3	3	20.60	20.53	20.35	21	2	
1.4	64QAM	1	0	19.78	19.73	19.46			
1.4	64QAM	1	3	19.45	19.64	19.66	21	2	
1.4	64QAM	1	5	19.58	19.60	19.53			
1.4	64QAM	3	0	19.57	19.64	19.61	21	2	
1.4	64QAM	3	1	19.46	19.54	19.54			
1.4	64QAM	3	3	19.70	19.50	19.49	20	3	
1.4	64QAM	6	0	18.60	18.68	18.64			

Band 30_DS13 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				27710			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2310					
10	QPSK	1	0		17.90		19	0	
10	QPSK	1	25		17.86				
10	QPSK	1	49		17.79				
10	QPSK	25	0		16.81		18	1	
10	QPSK	25	12		16.78				
10	QPSK	25	25		16.73				
10	QPSK	50	0		16.82		18	1	
10	16QAM	1	0		16.89				
10	16QAM	1	25		16.82				
10	16QAM	1	49		16.78		17	2	
10	16QAM	25	0		15.82				
10	16QAM	25	12		15.79				
10	16QAM	25	25		15.78		17	2	
10	16QAM	50	0		15.83				
10	64QAM	1	0		15.80				
10	64QAM	1	25		15.82		17	2	
10	64QAM	1	49		15.81				
10	64QAM	25	0		14.82				
10	64QAM	25	12		14.79		16	3	
10	64QAM	25	25		14.87				
10	64QAM	50	0		14.77				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	17.79	17.78	17.78	19	0	
5	QPSK	1	12	17.69	17.72	17.73			
5	QPSK	1	24	17.52	17.72	17.53			
5	QPSK	12	0	16.64	16.76	16.58	18	1	
5	QPSK	12	7	16.62	16.66	16.71			
5	QPSK	12	13	16.57	16.70	16.63			
5	QPSK	25	0	16.70	16.71	16.66	18	1	
5	16QAM	1	0	16.68	16.76	16.78			
5	16QAM	1	12	16.56	16.69	16.65			
5	16QAM	1	24	16.61	16.70	16.61	17	2	
5	16QAM	12	0	15.58	15.70	15.58			
5	16QAM	12	7	15.57	15.68	15.66			
5	16QAM	12	13	15.61	15.73	15.67	17	2	
5	16QAM	25	0	15.81	15.75	15.57			
5	64QAM	1	0	15.53	15.69	15.57			
5	64QAM	1	12	15.64	15.74	15.69	17	2	
5	64QAM	1	24	15.64	15.79	15.55			
5	64QAM	12	0	14.64	14.79	14.68			
5	64QAM	12	7	14.72	14.76	14.70	16	3	
5	64QAM	12	13	14.71	14.81	14.74			
5	64QAM	25	0	14.62	14.66	14.58			



Band 71_Default&DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372	24	0
Frequency (MHz)				673	683	686		
20	QPSK	1	0	22.88	23.01	22.81		
20	QPSK	1	49	22.82	22.95	22.92		
20	QPSK	1	99	22.71	22.83	22.78	23	1
20	QPSK	50	0	21.81	21.96	21.85		
20	QPSK	50	24	21.73	21.86	21.79		
20	QPSK	50	50	21.80	21.92	21.86		
20	QPSK	100	0	21.78	21.89	21.83	23	1
20	16QAM	1	0	22.14	22.22	22.12		
20	16QAM	1	49	22.12	22.20	22.13		
20	16QAM	1	99	22.01	22.14	22.01		
20	16QAM	50	0	20.79	20.84	20.76	22	2
20	16QAM	50	24	20.88	20.95	20.91		
20	16QAM	50	50	20.81	20.94	20.91		
20	16QAM	100	0	20.76	20.87	20.82		
20	64QAM	1	0	20.96	21.07	21.05	22	2
20	64QAM	1	49	21.01	21.04	20.98		
20	64QAM	1	99	20.94	20.96	20.93		
20	64QAM	50	0	19.74	19.84	19.79		
20	64QAM	50	24	19.92	19.97	19.83	21	3
20	64QAM	50	50	19.85	19.89	19.86		
20	64QAM	100	0	19.81	19.88	19.79		
Channel				133197	133297	133397	24	0
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.83	22.95	22.77		
15	QPSK	1	37	22.72	22.84	22.88		
15	QPSK	1	74	22.60	22.75	22.72	23	1
15	QPSK	36	0	21.76	21.89	21.74		
15	QPSK	36	20	21.59	21.78	21.69		
15	QPSK	36	39	21.69	21.85	21.76		
15	QPSK	75	0	21.71	21.83	21.75	23	1
15	16QAM	1	0	22.00	22.13	22.02		
15	16QAM	1	37	21.08	22.08	22.07		
15	16QAM	1	74	21.84	22.03	21.89		
15	16QAM	36	0	20.64	20.69	20.67	22	2
15	16QAM	36	20	20.74	20.89	20.75		
15	16QAM	36	39	20.63	20.84	20.87		
15	16QAM	75	0	20.70	20.78	20.71		
15	64QAM	1	0	20.86	20.95	21.00	22	2
15	64QAM	1	37	20.90	20.90	20.83		
15	64QAM	1	74	20.88	20.94	20.82		
15	64QAM	36	0	19.62	19.78	19.73		
15	64QAM	36	20	19.80	19.79	19.75	21	3
15	64QAM	36	39	19.71	19.82	19.83		
15	64QAM	75	0	19.66	19.84	19.62		
Channel				133172	133272	133422	24	0
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.78	22.92	22.76		
10	QPSK	1	25	22.77	22.90	22.81		
10	QPSK	1	49	22.61	22.72	22.75	23	1
10	QPSK	25	0	21.63	21.83	21.69		
10	QPSK	25	12	21.57	21.75	21.76		
10	QPSK	25	25	21.69	21.79	21.82		
10	QPSK	50	0	21.69	21.83	21.71	23	1
10	16QAM	1	0	21.96	22.13	22.02		
10	16QAM	1	25	21.95	22.04	22.07		
10	16QAM	1	49	21.97	22.07	21.88		
10	16QAM	25	0	20.65	20.70	20.61	22	2
10	16QAM	25	12	20.72	20.78	20.84		
10	16QAM	25	25	20.78	20.81	20.75		
10	16QAM	50	0	20.67	20.70	20.73		
10	64QAM	1	0	20.88	20.98	21.01	22	2
10	64QAM	1	25	20.99	21.00	20.98		
10	64QAM	1	49	20.78	20.81	20.91		
10	64QAM	25	0	19.66	19.67	19.76		
10	64QAM	25	12	19.86	19.95	19.72	21	3
10	64QAM	25	25	19.72	19.76	19.71		
10	64QAM	50	0	19.71	19.77	19.77		
Channel				133147	133247	133447	24	0
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.80	22.87	22.73		
5	QPSK	1	12	22.79	22.85	22.88		
5	QPSK	1	24	22.68	22.76	22.73	23	1
5	QPSK	12	0	21.76	21.91	21.70		
5	QPSK	12	7	21.65	21.81	21.73		
5	QPSK	12	13	21.72	21.78	21.72		
5	QPSK	25	0	21.72	21.77	21.80	23	1
5	16QAM	1	0	22.05	22.17	21.96		
5	16QAM	1	12	22.09	22.06	22.10		
5	16QAM	1	24	21.84	22.04	21.87		
5	16QAM	12	0	20.71	20.80	20.61	22	2
5	16QAM	12	7	20.83	20.81	20.80		
5	16QAM	12	13	20.70	20.89	20.77		
5	16QAM	25	0	20.68	20.79	20.68		
5	64QAM	1	0	20.83	20.95	20.88	22	2
5	64QAM	1	12	20.88	21.00	20.92		
5	64QAM	1	24	20.83	20.83	20.80		
5	64QAM	12	0	19.62	19.66	19.72		
5	64QAM	12	7	19.76	19.86	19.75	21	3
5	64QAM	12	13	19.82	19.77	19.76		
5	64QAM	25	0	19.73	19.85	19.77		



Band 2 DSI7 Ant0												
BW (MHz)	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	16.88	16.93	16.85	18.5	0				
20	QPSK	1	49	16.76	16.84	16.76						
20	QPSK	1	99	16.75	16.88	16.81						
20	QPSK	50	0	15.97	16.09	15.84	17.5	1				
20	QPSK	50	24	15.91	16.01	15.75						
20	QPSK	50	50	15.89	15.98	15.80						
20	QPSK	100	0	15.90	16.07	15.88	17.5	1				
20	16QAM	1	0	15.89	15.94	15.84						
20	16QAM	1	49	15.77	15.84	15.75						
20	16QAM	1	99	15.75	15.88	15.82	16.5	2				
20	16QAM	50	0	14.97	15.08	14.84						
20	16QAM	50	24	14.91	15.01	14.74						
20	16QAM	50	50	14.88	14.99	14.79	16.5	2				
20	16QAM	100	0	14.90	15.08	14.88						
20	64QAM	1	0	14.88	14.93	14.84						
20	64QAM	1	49	14.77	14.84	14.74	16.5	2				
20	64QAM	1	99	14.75	14.88	14.82						
20	64QAM	50	0	13.98	14.07	13.83						
20	64QAM	50	24	13.91	14.00	13.74	15.5	3				
20	64QAM	50	50	13.87	13.98	13.80						
20	64QAM	100	0	13.90	14.07	13.87						
Channel												
Frequency (MHz)												
15	QPSK	1	0	16.81	16.90	16.78	18.5	0				
15	QPSK	1	37	16.68	16.76	16.69						
15	QPSK	1	74	16.64	16.77	16.79						
15	QPSK	36	0	15.83	15.98	15.70	17.5	1				
15	QPSK	36	20	15.88	15.99	15.83						
15	QPSK	36	39	15.78	15.86	15.75						
15	QPSK	75	0	15.79	16.00	15.83	17.5	1				
15	16QAM	1	0	15.86	15.82	15.74						
15	16QAM	1	37	15.73	15.72	15.72						
15	16QAM	1	74	15.62	15.75	15.79	16.5	2				
15	16QAM	36	0	14.92	15.02	14.71						
15	16QAM	36	20	14.77	14.87	14.69						
15	16QAM	36	39	14.81	14.96	14.70	16.5	2				
15	16QAM	75	0	14.83	14.94	14.83						
15	64QAM	1	0	14.85	14.84	14.75						
15	64QAM	1	37	14.71	14.77	14.70	16.5	2				
15	64QAM	1	74	14.63	14.86	14.70						
15	64QAM	36	0	13.91	14.04	13.74						
15	64QAM	36	20	13.78	13.95	13.64	15.5	3				
15	64QAM	36	39	13.80	13.86	13.69						
15	64QAM	75	0	13.87	13.97	13.82						
Channel												
Frequency (MHz)												
10	QPSK	1	0	16.78	16.88	16.72	18.5	0				
10	QPSK	1	25	16.63	16.74	16.67						
10	QPSK	1	49	16.68	16.85	16.73						
10	QPSK	25	0	15.90	16.02	15.75	17.5	1				
10	QPSK	25	12	15.81	15.91	15.73						
10	QPSK	25	25	15.84	15.90	15.74						
10	QPSK	50	0	15.80	15.95	15.75	17.5	1				
10	16QAM	1	0	15.86	15.80	15.79						
10	16QAM	1	25	15.68	15.76	15.71						
10	16QAM	1	49	15.61	15.81	15.69	16.5	2				
10	16QAM	25	0	14.94	14.95	14.78						
10	16QAM	25	12	14.83	14.96	14.66						
10	16QAM	25	25	14.75	14.93	14.72	16.5	2				
10	16QAM	50	0	14.79	15.06	14.77						
10	64QAM	1	0	14.81	14.84	14.70						
10	64QAM	1	25	14.65	14.81	14.67	16.5	2				
10	64QAM	1	49	14.64	14.82	14.68						
10	64QAM	25	0	13.96	14.01	13.76						
10	64QAM	25	12	13.82	13.86	13.84	15.5	3				
10	64QAM	25	25	13.79	13.84	13.67						
10	64QAM	50	0	13.82	14.04	13.84						
Channel												
Frequency (MHz)												
5	QPSK	1	0	16.80	16.84	16.73	18.5	0				
5	QPSK	1	12	16.63	16.74	16.73						
5	QPSK	1	24	16.67	16.86	16.73						
5	QPSK	12	0	15.84	16.00	15.71	17.5	1				
5	QPSK	12	7	15.83	15.96	15.81						
5	QPSK	12	13	15.83	15.92	15.69						
5	QPSK	25	0	15.77	16.03	15.85	17.5	1				
5	16QAM	1	0	15.78	15.92	15.71						
5	16QAM	1	12	15.66	15.77	15.71						
5	16QAM	1	24	15.66	15.74	15.71	16.5	2				
5	16QAM	12	0	14.86	15.01	14.74						
5	16QAM	12	7	14.80	14.89	14.66						
5	16QAM	12	13	14.83	14.96	14.70	16.5	2				
5	16QAM	25	0	14.87	14.96	14.83						
5	64QAM	1	0	14.85	14.83	14.78						
5	64QAM	1	12	14.69	14.82	14.71	16.5	2				
5	64QAM	1	24	14.63	14.84	14.76						
5	64QAM	12	0	13.96	14.00	13.73						
5	64QAM	12	7	13.78	13.92	13.65	15.5	3				
5	64QAM	12	13	13.78	13.89	13.76						
5	64QAM	25	0	13.85	14.01	13.78						
Channel												
Frequency (MHz)												
3	QPSK	1	0	16.74	16.82	16.82	18.5	0				
3	QPSK	1	8	16.71	16.71	16.73						
3	QPSK	1	14	16.63	16.85	16.75						
3	QPSK	8	0	15.88	16.03	15.78	17.5	1				
3	QPSK	8	4	15.85	15.90	15.64						
3	QPSK	8	7	15.80	15.85	15.68						
3	QPSK	15	0	15.87	15.94	15.74	17.5	1				
3	16QAM	1	0	15.78	15.88	15.75						
3	16QAM	1	8	15.65	15.72	15.68						
3	16QAM	1	14	15.69	15.81	15.79	16.5	2				
3	16QAM	8	0	14.85	14.97	14.71						
3	16QAM	8	4	14.79	14.96	14.67						
3	16QAM	8	7	14.82	14.95	14.73	16.5	2				
3	16QAM	15	0	14.76	15.03	14.75						
3	64QAM	1	0	14.83	14.81	14.73						
3	64QAM	1	8	14.63	14.82	14.68	16.5	2				
3	64QAM	1	14	14.68	14.81	14.79						
3	64QAM	8	0	13.86	13.99	13.70						
3	64QAM	8	4	13.86	13.92	13.66	15.5	3				
3	64QAM	8	7	13.73	13.95	13.68						
3	64QAM	15	0	13.86	14.03	13.78						
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	16.77	16.78	16.82	18.5	0				
1.4	QPSK	1	3	16.63	16.71	16.70						
1.4	QPSK	1	5	16.57	16.84	16.76						
1.4	QPSK	3	0	16.79	16.88	16.70	17.5	1				
1.4	QPSK	3	1	16.78	16.74	16.55						
1.4	QPSK	3	3	16.73	16.71	16.53						
1.4	QPSK	6	0	15.80	15.95	15.76	17.5	1				
1.4	16QAM	1	0	15.83	15.81	15.72						
1.4	16QAM	1	5	14.57	14.71	14.74						
1.4	16QAM	1	5	15.10	15.07	15.09	16.5	2				
1.4	16QAM	3	0	14.85	14.90	14.70						
1.4	16QAM	3	0	15.88	16.01	15.88	17.5	1				
1.4	16QAM	3	1	15.84	15.84	15.71						
1.4	16QAM	3	3	15.85	15.88	15.64						
1.4	16QAM	6	0	14.81	15.01	14.82	16.5	2				
1.4	64QAM	1	0	14.80	14.89	14.71						
1.4	64QAM	1	3	14.64	14.76	14.56						
1.4	64QAM	1	5	14.57	14.71	14.74	16.5	2				
1.4	64QAM	3	0	14.85	14.90	14.70						
1.4	64QAM	3	1	14.75	14.92	14.61						
1.4	64QAM	3	3	14.73	14.94	14.62						
1.4	64QAM	6	0	13.88	14.01	13.77						



Band 7_DS17 Ant0									
BW [MHz]	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	23	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.75	21.77	21.71	22	1	
20	QPSK	1	49	21.62	21.75	21.68			
20	QPSK	1	99	21.64	21.64	21.67	22	1	
20	QPSK	50	0	20.70	20.84	20.77			
20	QPSK	50	24	20.66	20.74	20.65	22	1	
20	QPSK	50	50	20.65	20.71	20.75			
20	QPSK	100	0	20.71	20.79	20.72	22	1	
20	16QAM	1	0	20.83	20.76	20.63			
20	16QAM	1	49	20.57	20.69	20.57	22	1	
20	16QAM	1	99	20.61	20.67	20.77			
20	16QAM	50	0	19.60	19.84	19.86	21	2	
20	16QAM	50	24	19.59	19.79	19.74			
20	16QAM	50	50	19.73	19.66	19.66	21	2	
20	16QAM	100	0	19.70	19.84	19.65			
20	64QAM	1	0	19.75	19.78	19.55	21	2	
20	64QAM	1	49	19.51	19.77	19.75			
20	64QAM	1	99	19.59	19.53	19.63	20	3	
20	64QAM	50	0	18.62	18.75	18.91			
20	64QAM	50	24	18.57	18.83	18.73	20	3	
20	64QAM	50	50	18.74	18.68	18.74			
20	64QAM	100	0	18.69	18.87	18.85	23	0	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	23	0	
15	QPSK	1	0	21.66	21.72	21.63			
15	QPSK	1	37	21.54	21.63	21.59	22	1	
15	QPSK	1	74	21.61	21.58	21.54			
15	QPSK	36	0	20.68	20.80	20.75	22	1	
15	QPSK	36	20	20.63	20.71	20.55			
15	QPSK	36	39	20.56	20.64	20.73	22	1	
15	QPSK	75	0	20.58	20.69	20.61			
15	16QAM	1	0	20.79	20.69	20.57	22	1	
15	16QAM	1	37	20.46	20.59	20.70			
15	16QAM	1	74	20.49	20.65	20.72	21	2	
15	16QAM	36	0	19.48	19.76	19.75			
15	16QAM	36	20	19.47	19.69	19.72	21	2	
15	16QAM	36	39	19.65	19.58	19.62			
15	16QAM	75	0	19.67	19.76	19.88	21	2	
15	64QAM	1	0	19.64	19.75	19.81			
15	64QAM	1	37	19.41	19.72	19.69	20	3	
15	64QAM	1	74	19.57	19.58	19.70			
15	64QAM	36	0	18.59	18.73	18.79	23	0	
15	64QAM	36	20	18.45	18.71	18.61			
15	64QAM	36	39	18.72	18.57	18.61	23	0	
15	64QAM	75	0	18.66	18.76	18.52			
Channel				20900	21100	21400	23	0	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.71	21.69	21.60	22	1	
10	QPSK	1	25	21.51	21.73	21.60			
10	QPSK	1	49	21.50	21.61	21.53	22	1	
10	QPSK	25	0	20.68	20.77	20.66			
10	QPSK	25	12	20.53	20.63	20.59	22	1	
10	QPSK	25	25	20.53	20.58	20.67			
10	QPSK	50	0	20.62	20.70	20.63	22	1	
10	16QAM	1	0	20.71	20.69	20.59			
10	16QAM	1	25	20.48	20.59	20.63	21	2	
10	16QAM	1	49	20.56	20.55	20.65			
10	16QAM	25	0	19.47	19.73	19.78	21	2	
10	16QAM	25	12	19.55	19.68	19.60			
10	16QAM	25	25	19.63	19.61	19.53	21	2	
10	16QAM	50	0	19.56	19.61	19.53			
10	64QAM	1	0	19.67	19.72	19.52	20	3	
10	64QAM	1	25	19.42	19.73	19.71			
10	64QAM	1	49	19.63	19.52	19.61	20	3	
10	64QAM	25	0	18.52	18.69	18.88			
10	64QAM	25	12	18.54	18.81	18.60	23	0	
10	64QAM	25	25	18.71	18.57	18.68			
10	64QAM	50	0	18.67	18.76	18.61	23	0	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	23	0	
5	QPSK	1	0	21.65	21.67	21.58			
5	QPSK	1	12	21.56	21.71	21.57	22	1	
5	QPSK	1	24	21.60	21.59	21.63			
5	QPSK	12	0	20.60	20.71	20.73	22	1	
5	QPSK	12	7	20.61	20.64	20.56			
5	QPSK	12	13	20.63	20.60	20.63	22	1	
5	QPSK	25	0	20.63	20.69	20.68			
5	16QAM	1	0	20.74	20.70	20.52	22	1	
5	16QAM	1	12	20.48	20.61	20.70			
5	16QAM	1	24	20.55	20.54	20.72	21	2	
5	16QAM	12	0	19.50	19.79	19.73			
5	16QAM	12	7	19.55	19.70	19.66	21	2	
5	16QAM	12	13	19.61	19.62	19.52			
5	16QAM	25	0	19.65	19.70	19.55	21	2	
5	64QAM	1	0	19.64	19.68	19.47			
5	64QAM	1	12	19.46	19.65	19.67	20	3	
5	64QAM	1	24	19.67	19.56	19.78			
5	64QAM	12	0	18.59	18.71	18.77	23	0	
5	64QAM	12	7	18.45	18.75	18.63			
5	64QAM	12	13	18.65	18.64	18.68	23	0	
5	64QAM	25	0	18.62	18.77	18.58			

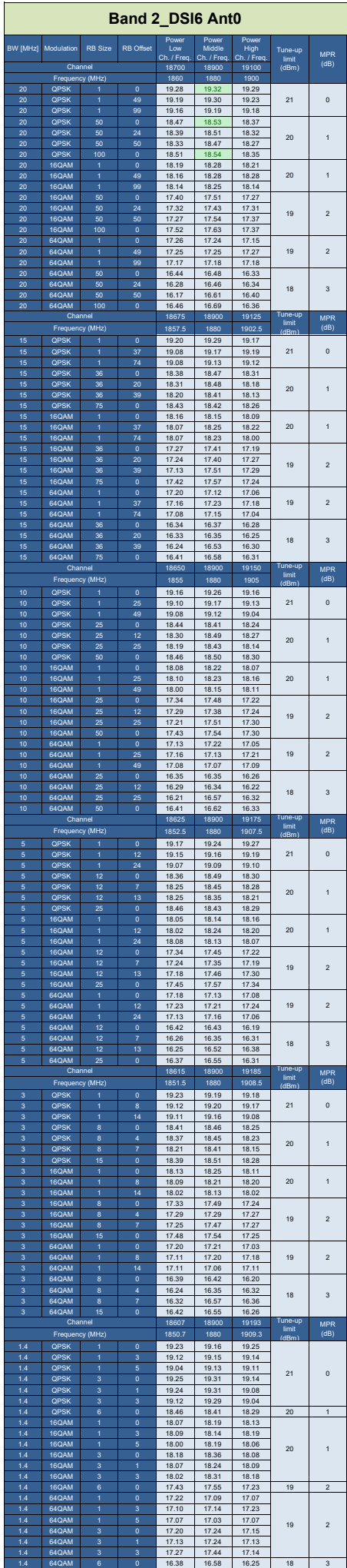
Band 12_Default&DS17 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	24	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.78	22.84	22.75	23	1	
10	QPSK	1	25	22.68	22.76	22.70			
10	QPSK	1	49	22.61	22.68	22.57	23	1	
10	QPSK	25	0	21.69	21.86	21.64			
10	QPSK	25	12	21.62	21.69	21.56	23	1	
10	QPSK	25	25	21.69	21.76	21.66			
10	QPSK	50	0	21.66	21.79	21.74	22	2	
10	16QAM	1	0	21.88	21.93	21.85			
10	16QAM	1	25	21.88	21.94	21.96	23	1	
10	16QAM	1	49	21.96	21.96	21.92			
10	16QAM	25	0	20.71	20.84	20.74	22	2	
10	16QAM	25	12	20.63	20.69	20.61			
10	16QAM	25	25	20.69	20.76	20.63	22	2	
10	16QAM	50	0	20.78	20.81	20.74			
10	64QAM	1	0	20.73	20.84	20.80	22	2	
10	64QAM	1	25	20.78	20.87	20.80			
10	64QAM	1	49	20.76	20.79	20.75	21	3	
10	64QAM	25	0	19.79	19.84	19.72			
10	64QAM	25	12	19.82	19.68	19.59	21	3	
10	64QAM	25	25	19.59	19.73	19.61			
10	64QAM	50	0	19.66	19.78	19.74	23	0	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5	24 <td rowspan="2">0</td> <td rowspan="2"></td>	0	
5	QPSK	1	0	22.63	22.78	22.68			
5	QPSK	1	12	22.50	22.63	22.63	23	1	
5	QPSK	1	24	22.46	22.53	22.46			
5	QPSK	12	0	21.52	21.69	21.55	23	1	
5	QPSK	12	12	21.59	21.59	21.53			
5	QPSK	12	13	21.65	21.60	21.54	23	1	
5	QPSK	25	0	21.59	21.62	21.66			
5	16QAM	1	0	21.76	21.78	21.74	23	1	
5	16QAM	1	12	21.78	21.83	21.81			
5	16QAM	1	24	21.73	21.82	21.88	22	2	
5	16QAM	12	0	20.68	20.76	20.57			
5	16QAM	12	7	20.47	20.56	20.45	22	2	
5	16QAM	12	13	20.58	20.50	20.54			
5	16QAM	25	0	20.69	20.77	20.67	22	2	
5	16QAM	25	1	20.67	20.67	20.63			
5	64QAM	1	12	20.68	20.69	20.67	21	3	
5	64QAM	1	24	20.70	20.71	20.77			
5	64QAM	12	0	19.73	19.82	19.55	23	0	
5	64QAM	12	7	19.48	19.60	19.48			
5	64QAM	12	13	19.52	19.56	19.45	23	1	
5	64QAM	25	0	19.63	19.73	19.60			
Channel				23025	23095	23165	24 <td rowspan="2">0</td> <td rowspan="2"></td>	0	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.75	22.72	22.71	23	1	
3	QPSK	1	8	22.65	22.63	22.64			
3	QPSK	1	14	22.44	22.60	22.41	23	1	
3	QPSK	8	0	21.62	21.83	21.61			
3	QPSK	8	4	21.58	21.55	21.52	23	1	
3	QPSK	8	7	21.67	21.73	21.53			
3	QPSK	15	0	21.53	21.69	21.51	23	1	
3	16QAM	1	0	21.73	21.88	21.80			
3	16QAM	1	8	21.71	21.93	21.91	22	2	
3	16QAM	1	14	21.75	21.93	21.81			
3	16QAM	8	0	20.63	20.70	20.57	22	2	
3	16QAM	8	4	20.56	20.63	20.50			
3	16QAM	8	7	20.55	20.72	20.53	22	2	
3	16QAM	15	0	20.74	20.65	20.58			
3	64QAM	1	0	20.65	20.74	20.65	21	3	
3	64QAM	1	8	20.61	20.76	20.63			
3	64QAM	1	14	20.73	20.69	20.58	23	0	
3	64QAM	8	0	19.65	19.82	19.70			
3	64QAM	8	4	19.54	19.57	19.51	23	1	
3	64QAM	8	7	19.52	19.60	19.51			
3	64QAM	15	0	19.61	19.65	19.64	24	0	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3	24 <td rowspan="2">0</td> <td rowspan="2"></td>	0	
1.4	QPSK	1	0	22.57	22.60	22.62			
1.4	QPSK	1	3	22.55	22.60	22.60	23	1	
1.4	QPSK	1	5	22.55	22.64	22.62			
1.4	QPSK	3	0	22.58	22.70	22.56	24	0	
1.4	QPSK	3	1	22.50	22.72	22.48			
1.4	QPSK	3	3	22.61	22.69	22.49	23	1	
1.4	QPSK	6	0	21.48	21.76	21.69			
1.4	16QAM	1	0	21.78	21.80	21.70	23	1	
1.4	16QAM	1	3	21.76	21.86	21.70			
1.4	16QAM	1	5	21.72	21.83	21.82	22	2	
1.4	16QAM	3	0	21.60	21.69	21.57			
1.4	16QAM	3	1	21.56	21.55	21.49	22	2	
1.4	16QAM	3	3	21.58	21.73	21.55			
1.4	16QAM	6	0	20.71	20.78	20.71	22	2	
1.4	64QAM	1	0	20.59	20.77	20.74			
1.4	64QAM	1	3	20.63	20.71	20.73	22	2	
1.4	64QAM	1	5	20.67	20.76	20.70			
1.4	64QAM	3	0	20.69	20.72	20.67	21	3	
1.4	64QAM	3	1	20.80	20.58	20.47			
1.4	64QAM	3	3	20.41	20.62	20.47	21	3	
1.4	64QAM	6	0	19.62	19.72	19.57			

Band 26_DSI7 Ant0									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				26765	26865	26965			
15	QPSK	1	0	21.27	21.39	21.22	22.5	0	
15	QPSK	1	37	21.18	21.26	21.16			
15	QPSK	1	74	21.14	21.22	21.19			
15	QPSK	36	0	20.19	20.20	20.10	21.5	1	
15	QPSK	36	20	20.07	20.14	20.07			
15	QPSK	36	39	20.13	20.13	20.02			
15	QPSK	75	0	20.16	20.21	20.10	21.5	1	
15	16QAM	1	0	20.37	20.33	20.18			
15	16QAM	1	37	20.26	20.36	20.27			
15	16QAM	1	74	20.24	20.17	20.23	20.5	2	
15	16QAM	36	0	19.29	19.26	19.05			
15	16QAM	36	20	19.02	19.15	19.11			
15	16QAM	36	39	19.18	19.22	19.00	20.5	2	
15	16QAM	75	0	19.12	19.33	19.08			
15	64QAM	1	0	19.42	19.32	19.18			
15	64QAM	1	37	19.37	19.35	19.36	20.5	2	
15	64QAM	1	74	19.19	19.37	19.36			
15	64QAM	36	0	18.28	18.29	18.26			
15	64QAM	36	20	18.10	18.29	18.18	19.5	3	
15	64QAM	36	39	18.17	18.32	18.11			
15	64QAM	75	0	18.19	18.37	18.10			
Channel				26740	26865	26960	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				819	831.5	844			
10	QPSK	1	0	21.14	21.26	21.13	22.5	0	
10	QPSK	1	25	21.07	21.15	21.05			
10	QPSK	1	49	21.05	21.16	21.06			
10	QPSK	25	0	20.15	20.09	20.08	21.5	1	
10	QPSK	25	12	19.97	20.06	19.94			
10	QPSK	25	25	20.07	20.03	19.97			
10	QPSK	50	0	20.12	20.10	20.04	21.5	1	
10	16QAM	1	0	20.26	20.22	20.10			
10	16QAM	1	25	20.20	20.31	20.13			
10	16QAM	1	49	20.17	20.05	20.11	20.5	2	
10	16QAM	25	0	19.25	19.23	18.95			
10	16QAM	25	12	19.51	19.20	19.02			
10	16QAM	25	25	19.15	19.09	18.93	20.5	2	
10	16QAM	50	0	19.00	19.26	18.98			
10	64QAM	1	0	19.36	19.20	19.06			
10	64QAM	1	25	19.28	19.31	19.31	20.5	2	
10	64QAM	1	49	19.07	19.13	19.28			
10	64QAM	25	0	18.16	18.15	18.23			
10	64QAM	25	12	18.03	18.25	18.16	19.5	3	
10	64QAM	25	25	18.05	18.30	18.00			
10	64QAM	50	0	18.15	18.35	18.03			
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	846.5			
5	QPSK	1	0	21.21	21.21	21.08	22.5	0	
5	QPSK	1	12	21.06	21.19	21.09			
5	QPSK	1	24	21.03	21.14	21.10			
5	QPSK	12	0	20.13	20.16	20.04	21.5	1	
5	QPSK	12	7	19.94	20.08	19.94			
5	QPSK	12	13	20.07	20.02	19.91			
5	QPSK	25	0	20.04	20.16	20.03	21.5	1	
5	16QAM	1	0	20.25	20.28	20.09			
5	16QAM	1	12	20.21	20.28	20.25			
5	16QAM	1	24	20.11	20.13	20.18	20.5	2	
5	16QAM	12	0	19.21	19.22	18.92			
5	16QAM	12	7	18.91	19.08	19.00			
5	16QAM	12	13	19.14	19.15	18.92	20.5	2	
5	16QAM	25	0	18.07	18.29	18.96			
5	64QAM	1	0	18.30	18.29	19.07			
5	64QAM	1	12	19.24	19.28	19.35	20.5	2	
5	64QAM	1	24	19.07	19.05	19.30			
5	64QAM	12	0	18.24	18.22	18.21			
5	64QAM	12	7	18.00	18.21	18.16	19.5	3	
5	64QAM	12	13	18.04	18.30	18.07			
5	64QAM	25	0	18.06	18.28	17.97			
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				816.5	831.5	847.5			
3	QPSK	1	0	21.22	21.16	21.08	22.5	0	
3	QPSK	1	8	21.08	21.20	21.03			
3	QPSK	1	14	21.05	21.17	21.13			
3	QPSK	8	0	20.11	20.07	19.98	21.5	1	
3	QPSK	8	4	19.95	20.04	19.96			
3	QPSK	8	7	19.99	19.99	19.98			
3	QPSK	15	0	20.14	20.13	20.03	21.5	1	
3	16QAM	1	0	20.27	20.31	20.12			
3	16QAM	1	8	20.22	20.22	20.18			
3	16QAM	1	14	20.20	20.33	20.09	20.5	2	
3	16QAM	8	0	19.24	19.20	18.93			
3	16QAM	8	4	18.95	19.02	19.09			
3	16QAM	8	7	19.15	19.15	18.93	20.5	2	
3	16QAM	15	0	19.07	19.20	18.97			
3	64QAM	1	0	19.32	19.21	19.08			
3	64QAM	1	8	19.30	19.30	19.24	20.5	2	
3	64QAM	1	14	18.14	19.15	19.25			
3	64QAM	8	0	18.24	18.16	18.19			
3	64QAM	8	4	18.02	18.16	18.16	19.5	3	
3	64QAM	8	7	18.13	18.19	18.01			
3	64QAM	15	0	18.07	18.30	18.02			
Channel				26697	26865	27033	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				814.7	831.5	848.3			
1.4	QPSK	1	0	21.13	21.15	21.14	22.5	0	
1.4	QPSK	1	3	21.01	21.13	21.05			
1.4	QPSK	1	5	21.02	21.17	21.08			
1.4	QPSK	3	0	21.12	21.10	20.96	21.5	1	
1.4	QPSK	3	1	20.94	21.02	20.94			
1.4	QPSK	3	1	21.01	21.07	20.98			
1.4	QPSK	6	0	20.09	20.15	19.95	21.5	1	
1.4	16QAM	1	0	20.27	20.21	20.14			
1.4	16QAM	1	3	20.16	20.22	20.10			
1.4	16QAM	1	5	20.08	20.15	20.06	21.5	1	
1.4	16QAM	3	0	20.13	20.23	19.87			
1.4	16QAM	3	1	19.86	20.01	20.09			
1.4	16QAM	3	3	20.15	20.08	19.92	20.5	2	
1.4	16QAM	6	0	19.98	19.23	19.04			
1.4	64QAM	1	0	19.28	19.28	19.13			
1.4	64QAM	1	3	19.34	19.17	19.33	20.5	2	
1.4	64QAM	1	5	19.06	19.14	19.23			
1.4	64QAM	3	0	19.26	19.14	19.15			
1.4	64QAM	3	1	19.06	19.17	19.15	19.5	3	
1.4	64QAM	3	3	19.05	19.18	18.94			
1.4	64QAM	6	0	18.10	18.28	18.01			

Band 30_DSI7 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				27710			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2310					
10	QPSK	1	0		15.91		17	0	
10	QPSK	1	25		15.86				
10	QPSK	1	49		15.82				
10	QPSK	25	0		14.77		16	1	
10	QPSK	25	12		14.74				
10	QPSK	25	25		14.69				
10	QPSK	50	0		14.75		16	1	
10	16QAM	1	0		14.83				
10	16QAM	1	25		14.79				
10	16QAM	1	49		14.77		15	2	
10	16QAM	25	0		13.77				
10	16QAM	25	12		13.71				
10	16QAM	25	25		13.71		15	2	
10	16QAM	50	0		13.85				
10	64QAM	1	0		13.83				
10	64QAM	1	25		13.86		15	2	
10	64QAM	1	49		13.86				
10	64QAM	25	0		12.74				
10	64QAM	25	12		12.63		14	3	
10	64QAM	25	25		12.79				
10	64QAM	50	0		12.95				
Channel				27685	27710	27735	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	0	15.79	15.87	15.74	17	0	
5	QPSK	1	12	15.80	15.75	15.70			
5	QPSK	1	24	15.64	15.71	15.67			
5	QPSK	12	0	14.62	14.66	14.74	16	1	
5	QPSK	12	7	14.61	14.65	14.61			
5	QPSK	12	13	14.64	14.56	14.62			
5	QPSK	25	0	14.58	14.63	14.63	16	1	
5	16QAM	1	0	14.81	14.73	14.71			
5	16QAM	1	12	14.75	14.67	14.62			
5	16QAM	1	24	14.69	14.71	14.63	15	2	
5	16QAM	12	0	13.72	13.67	13.74			
5	16QAM	12	7	13.57	13.58	13.58			
5	16QAM	12	13	13.62	13.65	13.54	15	2	
5	16QAM	25	0	13.79	13.77	13.81			
5	64QAM	1	0	13.69	13.72	13.79			
5	64QAM	1	12	13.74	13.79	13.84	15	2	
5	64QAM	1	24	13.78	13.74	13.72			
5	64QAM	12	0	12.67	12.63	12.62			
5	64QAM	12	7	12.80	12.51	12.46	14	3	
5	64QAM	12	13	12.77	12.77	12.73			
5	64QAM	25	0	12.86	12.89	12.84			



Band 71_Default&DSI7 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372	0	0
Frequency (MHz)				67.3	68.3	68.6		
20	QPSK	1	0	22.88	23.01	22.81	24	0
20	QPSK	1	49	22.82	22.95	22.92		
20	QPSK	1	99	22.71	22.83	22.78		
20	QPSK	50	0	21.81	21.96	21.85	23	1
20	QPSK	50	24	21.73	21.86	21.79		
20	QPSK	50	50	21.80	21.92	21.86		
20	QPSK	100	0	21.78	21.89	21.83	23	1
20	16QAM	1	0	22.14	22.22	22.12		
20	16QAM	1	49	22.12	22.20	22.13		
20	16QAM	1	99	22.01	22.14	22.01	22	2
20	16QAM	50	0	20.79	20.84	20.76		
20	16QAM	50	24	20.88	20.95	20.91		
20	16QAM	50	50	20.81	20.94	20.91	22	2
20	16QAM	100	0	20.76	20.87	20.82		
20	64QAM	1	0	20.96	21.07	21.05		
20	64QAM	1	49	21.01	21.04	20.98	22	2
20	64QAM	1	99	20.94	20.96	20.93		
20	64QAM	50	0	19.74	19.84	19.79		
20	64QAM	50	24	19.92	19.97	19.83	21	3
20	64QAM	50	50	19.85	19.89	19.86		
20	64QAM	100	0	19.81	19.88	19.79		
Channel				133197	133297	133397	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.83	22.95	22.77	24	0
15	QPSK	1	37	22.72	22.84	22.88		
15	QPSK	1	74	22.60	22.75	22.72		
15	QPSK	36	0	21.76	21.89	21.74	23	1
15	QPSK	36	20	21.59	21.78	21.69		
15	QPSK	36	39	21.69	21.85	21.76		
15	QPSK	75	0	21.71	21.83	21.75	23	1
15	16QAM	1	0	22.00	22.13	22.02		
15	16QAM	1	37	21.08	22.08	22.07		
15	16QAM	1	74	21.84	22.03	21.89	22	2
15	16QAM	36	0	20.64	20.69	20.67		
15	16QAM	36	20	20.74	20.89	20.75		
15	16QAM	36	39	20.63	20.84	20.87	22	2
15	16QAM	75	0	20.70	20.78	20.71		
15	64QAM	1	0	20.86	20.95	21.00		
15	64QAM	1	37	20.90	20.90	20.83	22	2
15	64QAM	1	74	20.88	20.94	20.82		
15	64QAM	36	0	19.62	19.78	19.73		
15	64QAM	36	20	19.80	19.79	19.75	21	3
15	64QAM	36	39	19.71	19.82	19.83		
15	64QAM	75	0	19.66	19.84	19.62		
Channel				133172	133272	133422	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.78	22.92	22.76	24	0
10	QPSK	1	25	22.77	22.90	22.81		
10	QPSK	1	49	22.61	22.72	22.75		
10	QPSK	25	0	21.63	21.83	21.69	23	1
10	QPSK	25	12	21.57	21.75	21.76		
10	QPSK	25	25	21.69	21.79	21.82		
10	QPSK	50	0	21.69	21.83	21.71	23	1
10	16QAM	1	0	21.96	22.13	22.02		
10	16QAM	1	25	21.95	22.04	22.07		
10	16QAM	1	49	21.97	22.07	21.88	22	2
10	16QAM	25	0	20.65	20.70	20.61		
10	16QAM	25	12	20.72	20.78	20.84		
10	16QAM	25	25	20.78	20.81	20.75	22	2
10	16QAM	50	0	20.67	20.70	20.73		
10	64QAM	1	0	20.88	20.98	21.01		
10	64QAM	1	25	20.99	21.00	20.98	21	3
10	64QAM	1	49	20.78	20.81	20.91		
10	64QAM	25	0	19.66	19.67	19.76		
10	64QAM	25	12	19.86	19.95	19.72	21	3
10	64QAM	25	25	19.72	19.76	19.71		
10	64QAM	50	0	19.71	19.77	19.77		
Channel				133147	133247	133447	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.80	22.87	22.73	24	0
5	QPSK	1	12	22.79	22.85	22.88		
5	QPSK	1	24	22.68	22.76	22.73		
5	QPSK	12	0	21.76	21.91	21.70	23	1
5	QPSK	12	7	21.65	21.81	21.73		
5	QPSK	12	13	21.72	21.78	21.72		
5	QPSK	25	0	21.72	21.77	21.80	23	1
5	16QAM	1	0	22.05	22.17	21.96		
5	16QAM	1	12	22.09	22.06	22.10		
5	16QAM	1	24	21.84	22.04	21.87	22	2
5	16QAM	12	0	20.71	20.80	20.61		
5	16QAM	12	7	20.83	20.81	20.80		
5	16QAM	12	13	20.70	20.89	20.77	22	2
5	16QAM	25	0	20.68	20.79	20.68		
5	64QAM	1	0	20.83	20.95	20.88		
5	64QAM	1	12	20.88	21.00	20.92	22	2
5	64QAM	1	24	20.83	20.83	20.80		
5	64QAM	12	0	19.62	19.66	19.72		
5	64QAM	12	7	19.76	19.86	19.75	21	3
5	64QAM	12	13	19.82	19.77	19.76		
5	64QAM	25	0	19.73	19.85	19.77		



Band 4_DSI6 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low		Power High		Tune-up limit (dBm)	MPR (dB)
				Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Ch. / Freq.		
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	19.81	19.87	19.75			
20	QPSK	1	49	19.69	19.81	19.72		21.5	0
20	QPSK	1	99	19.79	19.79	19.61			
20	QPSK	50	0	19.02	19.04	19.01			
20	QPSK	50	24	18.95	18.94	18.90		20.5	1
20	QPSK	50	50	18.94	18.92	18.91			
20	QPSK	100	0	19.02	19.11	18.99			
20	16QAM	1	0	18.79	18.89	18.72		20.5	1
20	16QAM	1	49	18.59	18.74	18.80		20.5	1
20	16QAM	1	99	18.81	18.79	18.68			
20	16QAM	50	0	17.96	18.02	18.06			
20	16QAM	50	24	17.91	17.87	17.93		19.5	2
20	16QAM	50	50	17.91	17.87	17.80			
20	16QAM	100	0	18.05	18.04	18.04			
20	84QAM	1	0	17.75	17.97	17.86		19.5	2
20	84QAM	1	49	17.79	17.72	17.71			
20	84QAM	1	99	17.82	17.74	17.72			
20	84QAM	50	0	16.98	17.05	17.01			
20	84QAM	50	24	16.93	16.96	16.85		18.5	3
20	84QAM	50	50	17.06	17.06	16.94			
20	84QAM	100	0	16.99	17.02	17.02			
Channel				20025	20175	20300			
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	19.65	19.83	19.59		21.5	0
15	QPSK	1	37	19.54	19.77	19.63			
15	QPSK	1	74	19.69	19.74	19.51			
15	QPSK	36	0	18.93	18.94	18.89		20.5	1
15	QPSK	36	20	18.77	18.78	18.87			
15	QPSK	36	39	18.77	18.79	18.86			
15	QPSK	75	0	18.87	18.95	18.87		20.5	1
15	16QAM	1	0	18.69	18.74	18.62			
15	16QAM	1	37	18.54	18.61	18.64		20.5	1
15	16QAM	1	74	18.71	18.75	18.63			
15	16QAM	36	0	17.83	17.91	17.86		19.5	2
15	16QAM	36	20	17.84	17.70	17.79			
15	16QAM	36	39	17.83	17.79	17.77			
15	16QAM	75	0	17.95	17.98	17.96			
15	84QAM	1	0	17.62	17.88	17.74		19.5	2
15	84QAM	1	37	17.67	17.67	17.66			
15	84QAM	1	74	17.80	17.59	17.66			
15	84QAM	36	0	16.90	16.92	16.91		18.5	3
15	84QAM	36	20	16.79	16.88	16.79			
15	84QAM	36	39	16.87	16.84	16.84			
15	84QAM	75	0	16.95	16.97	16.92			
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	19.79	19.80	19.69		21.5	0
10	QPSK	1	25	19.58	19.77	19.67			
10	QPSK	1	49	19.62	19.61	19.50		20.5	1
10	QPSK	25	0	18.89	18.96	18.89			
10	QPSK	25	12	18.93	18.93	18.78		20.5	1
10	QPSK	25	25	18.79	18.76	18.74			
10	QPSK	50	0	18.93	18.97	18.96		20.5	1
10	16QAM	1	0	18.63	18.77	18.66			
10	16QAM	1	25	18.56	18.66	18.65		20.5	1
10	16QAM	1	49	18.77	18.76	18.66			
10	16QAM	25	0	17.78	17.90	17.91		19.5	2
10	16QAM	25	12	17.76	17.75	17.80			
10	16QAM	25	25	17.83	17.71	17.80			
10	16QAM	50	0	17.89	18.02	17.88		19.5	2
10	84QAM	1	0	17.68	17.87	17.81		19.5	2
10	84QAM	1	25	17.75	17.57	17.62			
10	84QAM	1	49	17.75	17.65	17.68			
10	84QAM	25	0	16.87	17.01	16.83		18.5	3
10	84QAM	25	12	16.84	16.85	16.77			
10	84QAM	25	25	16.93	16.82	16.78			
10	84QAM	50	0	16.90	16.93	16.93			
Channel				15915	20175	20315			
Frequency (MHz)				1721.5	1732.5	1752.5			
5	QPSK	1	0	19.79	19.75	19.65		21.5	0
5	QPSK	1	12	19.52	19.68	19.60			
5	QPSK	1	24	19.77	19.62	19.52			
5	QPSK	12	0	18.97	18.93	18.90		20.5	1
5	QPSK	12	7	18.90	18.89	18.76			
5	QPSK	12	13	18.83	18.80	18.75			
5	QPSK	25	0	18.99	19.01	18.82		20.5	1
5	16QAM	1	0	18.62	18.74	18.69			
5	16QAM	1	12	18.57	18.70	18.76			
5	16QAM	1	24	18.66	18.64	18.65			
5	16QAM	12	0	17.87	17.91	17.87		19.5	2
5	16QAM	12	7	17.80	17.73	17.87			
5	16QAM	12	13	17.81	17.78	17.67			
5	16QAM	25	0	18.00	18.00	17.98		19.5	2
5	84QAM	1	0	17.58	17.88	17.72		19.5	2
5	84QAM	1	12	17.75	17.63	17.67			
5	84QAM	1	24	17.78	17.61	17.56			
5	84QAM	12	0	16.91	16.88	16.90		18.5	3
5	84QAM	12	7	16.90	16.90	16.76			
5	84QAM	12	13	16.87	16.88	16.86			
5	84QAM	25	0	16.94	16.90	16.93			
Channel				19965	20175	20385			
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	19.69	19.73	19.69		21.5	0
3	QPSK	1	8	19.61	19.67	19.63			
3	QPSK	1	14	19.65	19.67	19.57			
3	QPSK	8	0	18.94	18.94	18.90		20.5	1
3	QPSK	8	7	18.90	18.84	18.79			
3	QPSK	8	7	18.91	18.77	18.77			
3	QPSK	15	0	19.00	18.95	18.84			
3	16QAM	1	0	18.66	18.84	18.58		20.5	1
3	16QAM	1	8	18.51	18.68	18.68			
3	16QAM	1	14	18.65	18.62	18.65			
3	16QAM	8	0	17.86	17.94	17.96		19.5	2
3	16QAM	8	4	17.76	17.84	17.75			
3	16QAM	8	7	17.80	17.72	17.77			
3	16QAM	15	0	17.94	17.99	17.98			
3	84QAM	1	0	17.66	17.82	17.75		19.5	2
3	84QAM	1	8	17.66	17.64	17.55			
3	84QAM	1	14	17.65	17.63	17.65			
3	84QAM	8	0	16.93	16.98	16.94		18.5	3
3	84QAM	8	4	16.82	16.88	16.69			
3	84QAM	8	7	16.86	16.86	16.74			
3	84QAM	15	0	16.88	16.86	16.86			
Channel				19957	20175	20399			
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	19.76	19.71	19.72		21.5	0
1.4	QPSK	1	3	19.66	19.70	19.65			
1.4	QPSK	1	5	19.68	19.71	19.54			
1.4	QPSK	3	0	19.81	19.77	19.78		20.5	1
1.4	QPSK	3	1	19.77	19.76	19.63			
1.4	QPSK	3	3	19.75	19.78	19.76			
1.4	QPSK	6	0	18.91	18.99	18.87		20.5	1
1.4	16QAM	1	0	18.64	18.83	18.60		20.5	1
1.4	16QAM	1	3	18.56	18.56	18.61			
1.4	16QAM	3	0	18.78	18.75	18.88			
1.4	16QAM	3	1	18.66	18.69	18.67		19.5	2
1.4	16QAM	6	0	17.99	17.94	17.90			
1.4	84QAM	1	0	17.68	17.87	17.81			
1.4	84QAM	1	3	17.68	17.57	17.54			
1.4	84QAM	1	5	17.73	17.71	17.68		19.5	2
1.4	84QAM	3	0	17.77	17.78	17.78			
1.4	84QAM	3	1	17.72	17.79	17.62			
1.4	84QAM	3	3	17.81	17.78	17.69		18.5	3
1.4	84QAM	6	0	16.92	16.86	17.05			

Band 5_Default&DS16 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power High Ch./Freq.	Power Peak Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20450	20525	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	22.79	22.83	22.69			
10	QPSK	1	49	22.79	22.76	22.68	24	0	
10	QPSK	1	25	22.64	22.68	22.63			
10	QPSK	25	0	21.72	21.74	21.65			
10	QPSK	25	12	21.63	21.69	21.60	23	1	
10	QPSK	25	25	21.68	21.73	21.59			
10	QPSK	50	0	21.69	21.78	21.62			
10	16QAM	1	0	21.88	21.96	21.84			
10	16QAM	1	25	21.83	21.99	21.88	23	1	
10	16QAM	1	49	21.85	21.87	21.74			
10	16QAM	25	0	20.68	20.76	20.73			
10	16QAM	25	12	20.58	20.71	20.66	22	2	
10	16QAM	25	25	20.50	20.64	20.56			
10	16QAM	50	0	20.66	20.69	20.57			
10	64QAM	1	0	20.81	20.93	20.83			
10	64QAM	1	25	20.76	20.85	20.80	22	2	
10	64QAM	1	49	20.68	20.70	20.60			
10	64QAM	25	0	19.63	19.71	19.68			
10	64QAM	25	12	19.64	19.73	19.65	21	3	
10	64QAM	25	25	19.62	19.65	19.52			
10	64QAM	50	0	19.61	19.69	19.63			
Channel				20425	20525	20625	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	0	22.62	22.81	22.65			
5	QPSK	1	12	22.84	22.84	22.62	24	0	
5	QPSK	1	24	22.61	22.65	22.56			
5	QPSK	12	0	21.60	21.65	21.51			
5	QPSK	12	7	21.51	21.58	21.59	23	1	
5	QPSK	12	13	21.54	21.64	21.44			
5	QPSK	25	0	21.56	21.60	21.54			
5	16QAM	1	0	21.83	21.90	21.67			
5	16QAM	1	12	21.89	21.83	21.78	23	1	
5	16QAM	1	24	21.83	21.72	21.56			
5	16QAM	12	0	20.56	20.71	20.69			
5	16QAM	12	7	20.58	20.66	20.62	22	2	
5	16QAM	12	13	20.33	20.61	20.46			
5	16QAM	25	0	20.53	20.60	20.40			
5	64QAM	1	0	20.66	20.90	20.71			
5	64QAM	1	12	20.66	20.76	20.76	22	2	
5	64QAM	1	24	20.60	20.77	20.56			
5	64QAM	12	0	19.53	19.60	19.58			
5	64QAM	12	7	19.57	19.68	19.54	21	3	
5	64QAM	12	13	19.46	19.58	19.47			
5	64QAM	25	0	19.45	19.46	19.46			
Channel				20415	20525	20635	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	22.76	22.74	22.61			
3	QPSK	1	8	22.63	22.70	22.61	24	0	
3	QPSK	1	14	22.49	22.57	22.47			
3	QPSK	8	0	21.68	21.69	21.59			
3	QPSK	8	4	21.60	21.67	21.57	23	1	
3	QPSK	8	7	21.51	21.59	21.55			
3	QPSK	15	0	21.67	21.69	21.54			
3	16QAM	1	0	21.82	21.89	21.72			
3	16QAM	1	8	21.79	21.87	21.84	23	1	
3	16QAM	1	14	21.69	21.75	21.60			
3	16QAM	8	0	20.63	20.74	20.57			
3	16QAM	8	4	20.46	20.61	20.51	22	2	
3	16QAM	8	7	20.47	20.49	20.54			
3	16QAM	15	0	20.49	20.66	20.55			
3	64QAM	1	0	20.67	20.76	20.81			
3	64QAM	1	8	20.65	20.74	20.71	22	2	
3	64QAM	1	14	20.64	20.66	20.66			
3	64QAM	8	0	19.49	19.69	19.59			
3	64QAM	8	4	19.54	19.62	19.56	21	3	
3	64QAM	8	7	19.46	19.49	19.39			
3	64QAM	15	0	19.53	19.58	19.50			
Channel				20407	20525	20643	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				824.7	835.5	846.3			
1.4	QPSK	1	0	22.65	22.67	22.63			
1.4	QPSK	1	3	22.59	22.63	22.59	24	0	
1.4	QPSK	1	5	22.57	22.55	22.52			
1.4	QPSK	3	0	22.55	22.65	22.59			
1.4	QPSK	3	1	22.51	22.65	22.43	24	1	
1.4	QPSK	3	3	22.66	22.67	22.53			
1.4	QPSK	6	0	21.62	21.65	21.50	23	1	
1.4	16QAM	1	0	21.74	21.83	21.74			
1.4	16QAM	1	3	21.80	21.84	21.76			
1.4	16QAM	1	5	21.72	21.71	21.59	23	1	
1.4	16QAM	3	0	21.60	21.71	21.64			
1.4	16QAM	3	1	21.55	21.66	21.54			
1.4	16QAM	3	3	21.42	21.57	21.40			
1.4	16QAM	6	0	20.49	20.58	20.40			
1.4	64QAM	1	0	20.72	20.85	20.73			
1.4	64QAM	1	3	20.63	20.81	20.73			
1.4	64QAM	1	5	20.66	20.66	20.66	22	2	
1.4	64QAM	3	0	20.53	20.62	20.58			
1.4	64QAM	3	1	20.62	20.67	20.58			
1.4	64QAM	3	3	20.53	20.53	20.48			
1.4	64QAM	6	0	19.51	19.55	19.55	21	3	



Band 71_Default&DSI6 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				133222	133322	133372	24	0
Frequency (MHz)				673	683	686		
20	QPSK	1	0	22.88	23.01	22.81		
20	QPSK	1	49	22.82	22.95	22.92		
20	QPSK	1	99	22.71	22.83	22.78	23	1
20	QPSK	50	0	21.81	21.96	21.85		
20	QPSK	50	24	21.73	21.86	21.79		
20	QPSK	50	50	21.80	21.92	21.86		
20	QPSK	100	0	21.78	21.89	21.83	23	1
20	16QAM	1	0	22.14	22.22	22.12		
20	16QAM	75	49	22.12	22.20	22.13		
20	16QAM	1	99	22.01	22.14	22.01		
20	16QAM	50	0	20.79	20.84	20.76	22	2
20	16QAM	50	24	20.88	20.95	20.91		
20	16QAM	50	50	20.81	20.94	20.91		
20	16QAM	100	0	20.76	20.87	20.82		
20	64QAM	1	0	20.96	21.07	21.05	22	2
20	64QAM	1	49	21.01	21.04	20.98		
20	64QAM	1	99	20.94	20.96	20.93		
20	64QAM	50	0	19.74	19.84	19.79		
20	64QAM	50	24	19.92	19.97	19.83	21	3
20	64QAM	50	50	19.85	19.89	19.86		
20	64QAM	100	0	19.81	19.88	19.79		
Channel				133197	133297	133397	24	0
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	0	22.83	22.95	22.77		
15	QPSK	1	37	22.72	22.84	22.88		
15	QPSK	1	74	22.60	22.75	22.72	23	1
15	QPSK	36	0	21.76	21.89	21.74		
15	QPSK	36	20	21.59	21.78	21.69		
15	QPSK	36	39	21.69	21.85	21.76		
15	QPSK	75	0	21.71	21.83	21.75	23	1
15	16QAM	1	0	22.00	22.13	22.02		
15	16QAM	1	37	21.08	22.08	22.07		
15	16QAM	1	74	21.84	22.03	21.89		
15	16QAM	36	0	20.64	20.69	20.67	22	2
15	16QAM	36	20	20.74	20.89	20.75		
15	16QAM	36	39	20.63	20.84	20.87		
15	16QAM	75	0	20.70	20.78	20.71		
15	64QAM	1	0	20.86	20.95	21.00	22	2
15	64QAM	1	37	20.90	20.90	20.83		
15	64QAM	1	74	20.88	20.94	20.82		
15	64QAM	36	0	19.62	19.78	19.73		
15	64QAM	36	20	19.80	19.79	19.75	21	3
15	64QAM	36	39	19.71	19.82	19.83		
15	64QAM	75	0	19.66	19.84	19.62		
Channel				133172	133272	133422	24	0
Frequency (MHz)				668	678	693		
10	QPSK	1	0	22.78	22.92	22.76		
10	QPSK	1	25	22.77	22.90	22.81		
10	QPSK	1	49	22.61	22.72	22.75	23	1
10	QPSK	25	0	21.63	21.83	21.69		
10	QPSK	25	12	21.57	21.75	21.76		
10	QPSK	25	25	21.69	21.79	21.82		
10	QPSK	50	0	21.69	21.83	21.71	23	1
10	16QAM	1	0	21.96	22.13	22.02		
10	16QAM	1	25	21.95	22.04	22.07		
10	16QAM	1	49	21.97	22.07	21.88		
10	16QAM	25	0	20.65	20.70	20.61	22	2
10	16QAM	25	12	20.72	20.78	20.84		
10	16QAM	25	25	20.78	20.81	20.75		
10	16QAM	50	0	20.67	20.70	20.73		
10	64QAM	1	0	20.88	20.98	21.01	22	2
10	64QAM	1	25	20.99	21.00	20.98		
10	64QAM	1	49	20.78	20.81	20.91		
10	64QAM	25	0	19.66	19.67	19.76		
10	64QAM	25	12	19.86	19.95	19.72	21	3
10	64QAM	25	25	19.72	19.76	19.71		
10	64QAM	50	0	19.71	19.77	19.77		
Channel				133147	133247	133447	24	0
Frequency (MHz)				665.5	675.5	695.5		
5	QPSK	1	0	22.80	22.87	22.73		
5	QPSK	1	12	22.79	22.85	22.88		
5	QPSK	1	24	22.68	22.76	22.73	23	1
5	QPSK	12	0	21.76	21.91	21.70		
5	QPSK	12	7	21.65	21.81	21.73		
5	QPSK	12	13	21.72	21.78	21.72		
5	QPSK	25	0	21.72	21.77	21.80	23	1
5	16QAM	1	0	22.05	22.17	21.96		
5	16QAM	1	12	22.09	22.06	22.10		
5	16QAM	1	24	21.84	22.04	21.87		
5	16QAM	12	0	20.71	20.80	20.61	22	2
5	16QAM	12	7	20.83	20.81	20.80		
5	16QAM	12	13	20.70	20.89	20.77		
5	16QAM	25	0	20.68	20.79	20.68		
5	64QAM	1	0	20.83	20.95	20.88	22	2
5	64QAM	1	12	20.88	21.00	20.92		
5	64QAM	1	24	20.83	20.83	20.80		
5	64QAM	12	0	19.62	19.66	19.72		
5	64QAM	12	7	19.76	19.86	19.75	21	3
5	64QAM	12	13	19.82	19.77	19.76		
5	64QAM	25	0	19.73	19.85	19.77		



Band 2_DSI2 Ant1												
BW [MHz]	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	18.15	18.23	18.18	19.5	0				
20	QPSK	1	49	18.03	18.18	18.14						
20	QPSK	1	99	18.06	18.06	18.15						
20	QPSK	50	0	17.32	17.35	17.21	18.5	1				
20	QPSK	50	24	17.23	17.21	17.17						
20	QPSK	50	50	17.21	17.26	17.12						
20	QPSK	100	0	17.31	17.32	17.22	18.5	1				
20	16QAM	1	0	17.23	17.25	17.09						
20	16QAM	1	49	16.98	17.13	17.16						
20	16QAM	1	99	17.09	17.18	17.11	17.5	2				
20	16QAM	50	0	16.28	16.36	16.18						
20	16QAM	50	24	16.24	16.17	16.13						
20	16QAM	50	50	16.21	16.24	16.09	17.5	2				
20	16QAM	100	0	16.23	16.36	16.20						
20	64QAM	1	0	16.29	16.20	16.08						
20	64QAM	1	49	15.99	16.13	16.08	17.5	2				
20	64QAM	1	99	16.04	16.18	16.08						
20	64QAM	50	0	15.20	15.35	15.24						
20	64QAM	50	24	15.34	15.18	15.21	16.5	3				
20	64QAM	50	50	15.13	15.31	15.07						
20	64QAM	100	0	15.33	15.27	15.11						
Channel												
Frequency (MHz)							1867.5	1890	1912.5			
15	QPSK	1	0	18.08	18.20	18.10	19.5	0				
15	QPSK	1	37	17.86	18.03	17.99						
15	QPSK	1	74	18.02	18.01	18.08						
15	QPSK	36	0	17.17	17.24	17.05	18.5	1				
15	QPSK	36	20	17.11	17.07	17.02						
15	QPSK	36	39	17.04	17.09	16.97						
15	QPSK	75	0	17.13	17.25	17.12	18.5	1				
15	16QAM	1	0	17.08	17.20	16.94						
15	16QAM	1	37	16.86	16.99	17.00						
15	16QAM	1	74	16.95	17.03	17.02	17.5	2				
15	16QAM	36	0	16.12	16.24	16.04						
15	16QAM	36	20	16.10	16.15	16.09						
15	16QAM	36	39	16.14	16.17	16.03	17.5	2				
15	16QAM	75	0	16.18	16.26	16.05						
15	64QAM	1	0	16.13	16.16	16.01						
15	64QAM	1	37	15.86	16.00	15.93	17.5	2				
15	64QAM	1	74	15.86	16.06	15.93						
15	64QAM	36	0	15.14	15.19	15.16						
15	64QAM	36	20	15.21	15.11	15.04	16.5	3				
15	64QAM	36	39	15.03	15.27	15.14						
15	64QAM	75	0	15.16	15.23	15.04						
Channel												
Frequency (MHz)									1865.0	1890	1915.0	
10	QPSK	1	0	18.08	18.16	18.02	19.5	0				
10	QPSK	1	25	17.96	18.10	18.09						
10	QPSK	1	49	17.96	17.97	18.06						
10	QPSK	25	0	17.23	17.21	17.13	18.5	1				
10	QPSK	25	12	17.08	17.09	17.14						
10	QPSK	25	25	17.09	17.19	17.02						
10	QPSK	50	0	17.18	17.18	17.10	18.5	1				
10	16QAM	1	0	17.17	17.10	17.05						
10	16QAM	1	25	16.84	17.00	17.06						
10	16QAM	1	49	16.92	17.13	17.00	17.5	2				
10	16QAM	25	0	16.24	16.30	16.01						
10	16QAM	25	12	16.14	16.15	16.05						
10	16QAM	25	25	16.05	16.17	16.01	17.5	2				
10	16QAM	50	0	16.14	16.31	16.13						
10	64QAM	1	0	16.16	16.09	15.99						
10	64QAM	1	25	15.85	16.00	15.93	17.5	2				
10	64QAM	1	49	15.88	16.14	15.96						
10	64QAM	25	0	15.07	15.19	15.19						
10	64QAM	25	12	15.29	15.01	15.08	16.5	3				
10	64QAM	25	25	15.01	15.17	15.03						
10	64QAM	50	0	15.29	15.12	15.03						
Channel												
Frequency (MHz)									1862.5	1890	1917.5	
5	QPSK	1	0	18.02	18.06	18.02	19.5	0				
5	QPSK	1	12	17.91	18.16	18.08						
5	QPSK	1	24	18.03	17.93	18.11						
5	QPSK	12	0	17.28	17.19	17.13	18.5	1				
5	QPSK	12	7	17.08	17.08	17.05						
5	QPSK	12	13	17.05	17.12	16.99						
5	QPSK	25	0	17.16	17.18	17.11	18.5	1				
5	16QAM	1	0	17.16	17.22	16.92						
5	16QAM	1	12	16.87	16.99	17.04						
5	16QAM	1	24	17.04	17.04	16.97	17.5	2				
5	16QAM	12	0	16.14	16.24	16.14						
5	16QAM	12	7	16.18	16.04	15.97						
5	16QAM	12	13	16.07	16.14	16.06	17.5	2				
5	16QAM	25	0	16.10	16.22	16.03						
5	64QAM	1	0	16.16	16.02	16.03						
5	64QAM	1	12	15.82	15.97	16.05	17.5	2				
5	64QAM	1	24	16.00	16.10	16.02						
5	64QAM	12	0	15.06	15.28	15.15						
5	64QAM	12	7	15.22	15.13	15.18	16.5	3				
5	64QAM	12	13	15.04	15.24	15.11						
5	64QAM	25	0	15.23	15.23	15.02						
Channel												
Frequency (MHz)									1861.5	1890	1908.5	
3	QPSK	1	0	18.04	18.18	18.01	19.5	0				
3	QPSK	1	8	17.96	18.14	18.02						
3	QPSK	1	14	17.94	17.95	18.05						
3	QPSK	8	0	17.15	17.29	17.12	18.5	1				
3	QPSK	8	4	17.05	17.12	17.15						
3	QPSK	8	7	17.16	17.08	17.05						
3	QPSK	15	0	17.23	17.28	17.10	18.5	1				
3	16QAM	1	0	17.18	17.09	16.98						
3	16QAM	1	8	16.92	17.05	17.10						
3	16QAM	1	14	16.95	17.12	17.03	17.5	2				
3	16QAM	8	0	16.19	16.25	16.01						
3	16QAM	8	4	16.18	16.06	15.97						
3	16QAM	8	7	16.15	16.07	16.01	17.5	2				
3	16QAM	15	0	16.10	16.21	16.13						
3	64QAM	1	0	16.22	16.06	16.00						
3	64QAM	1	8	15.86	16.08	16.00	17.5	2				
3	64QAM	1	14	15.92	16.03	15.99						
3	64QAM	8	0	15.10	15.29	15.07						
3	64QAM	8	4	15.31	15.15	15.11	16.5	3				
3	64QAM	8	7	15.16	15.21	15.09						
3	64QAM	15	0	15.07	15.16	15.07						
Channel												
Frequency (MHz)							1850.7	1890	1908.3			
1.4	QPSK	1	0	18.12	18.08	18.04	19.5	0				
1.4	QPSK	1	3	18.00	18.11	18.08						
1.4	QPSK	1	5	17.91	17.92	18.07						
1.4	QPSK	3	1	18.15	18.13	18.06	18.5	1				
1.4	QPSK	3	3	18.08	18.09	18.01						
1.4	QPSK	6	0	17.28	17.24	17.05						
1.4	16QAM	1	0	17.20	17.23	16.95	17.5	2				
1.4	16QAM	1	3	16.89	16.97	17.04						
1.4	16QAM	1	5	17.03	17.02	17.08						
1.4	16QAM	3	0	17.23	17.27	17.01	18.5	1				
1.4	16QAM	3	1	17.19	17.10	17.03						
1.4	16QAM	3	3	17.13	17.11	16.97						
1.4	16QAM	6	0	16.18	16.25	16.11	17.5	2				
1.4	64QAM	1	0	16.15	16.04	16.03						
1.4	64QAM	1	3	15.93	16.05	16.02						
1.4	64QAM	1	5	15.91	16.15	15.96	17.5	2				
1.4	64QAM	3	0	16.15	16.27	16.15						
1.4	64QAM	3	1	16.23	16.12	16.19						
1.4	64QAM	3	3	16.07	16.21	15.89	16.5	3				
1.4	64QAM	6	0	15.26	15.16	15.04						



Band 13_Default&DSI2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
10	QPSK	1	0	22.95	23.00	22.94	24	0	
10	QPSK	1	25	22.97	22.96	22.90			
10	QPSK	1	49	22.95			23	1	
10	QPSK	25	0	22.12					
10	QPSK	25	12	22.02			23	1	
10	QPSK	25	25	22.06					
10	QPSK	50	0	21.99			23	1	
10	16QAM	1	0	22.13					
10	16QAM	1	25	22.02			22	2	
10	16QAM	25	0	20.87					
10	16QAM	25	12	21.01			22	2	
10	16QAM	25	25	21.09					
10	16QAM	50	0	20.97			21	3	
10	64QAM	1	0	21.08					
10	64QAM	1	25	21.09			21	3	
10	64QAM	1	49	20.34					
10	64QAM	25	0	19.86			21	3	
10	64QAM	25	12	20.01					
10	64QAM	25	25	20.09			21	3	
10	64QAM	50	0	19.94					
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.95	23.00	22.94	24	0	
5	QPSK	1	12	22.97	22.96	22.90			
5	QPSK	1	24	22.80	22.85	22.82	23	1	
5	QPSK	12	0	22.04	21.97	22.05			
5	QPSK	12	7	21.88	21.93	21.90	23	1	
5	QPSK	12	13	21.98	21.98	21.99			
5	QPSK	25	0	21.87	21.88	21.89	23	1	
5	16QAM	1	0	22.00	22.03	22.03			
5	16QAM	1	12	22.02	22.07	22.08	22	2	
5	16QAM	1	24	21.93	21.90	21.92			
5	16QAM	12	0	20.73	20.78	20.77	22	2	
5	16QAM	12	7	20.69	20.86	20.86			
5	16QAM	12	13	20.99	20.97	20.99	22	2	
5	16QAM	25	0	20.85	20.89	20.88			
5	64QAM	1	0	20.96	20.99	20.95	22	2	
5	64QAM	1	12	20.97	21.01	20.94			
5	64QAM	1	24	20.86	20.83	20.84	21	3	
5	64QAM	12	0	19.79	19.73	19.73			
5	64QAM	12	7	19.89	19.91	19.87	21	3	
5	64QAM	12	13	19.98	19.95	20.02			
5	64QAM	25	0	19.85	19.80	19.81			

Band 25_DS12 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	18.23	18.27	18.19	19.5	0	
20	QPSK	1	49	18.12	18.23	18.16			
20	QPSK	1	99	18.10	18.18	18.16			
20	QPSK	50	0	17.29	17.36	17.16	18.5	1	
20	QPSK	50	24	17.27	17.24	17.10			
20	QPSK	50	50	17.16	17.34	17.11			
20	QPSK	100	0	17.29	17.32	17.17	18.5	1	
20	16QAM	1	0	17.19	17.21	17.20			
20	16QAM	1	49	17.10	17.32	17.17			
20	16QAM	1	99	17.01	17.24	17.13	17.5	2	
20	16QAM	50	0	16.27	16.30	16.13			
20	16QAM	50	24	16.19	16.30	16.17			
20	16QAM	50	50	16.24	16.34	16.10	17.5	2	
20	16QAM	100	0	16.23	16.40	16.25			
20	64QAM	1	0	16.16	16.18	16.18			
20	64QAM	1	49	16.17	16.38	16.15	17.5	2	
20	64QAM	1	99	16.06	16.21	16.07			
20	64QAM	50	0	15.37	15.28	15.13			
20	64QAM	50	24	15.16	15.35	15.21	16.5	3	
20	64QAM	50	50	15.17	15.31	15.01			
20	64QAM	100	0	15.14	15.38	15.25			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	18.14	18.14	18.16	19.5	0	
15	QPSK	1	37	18.00	18.18	18.01			
15	QPSK	1	74	18.04	18.09	17.99			
15	QPSK	36	0	17.14	17.27	17.04	18.5	1	
15	QPSK	36	20	17.24	17.12	17.00			
15	QPSK	36	39	17.01	17.20	16.96			
15	QPSK	75	0	17.18	17.19	17.04	18.5	1	
15	16QAM	1	0	17.16	17.12	17.18			
15	16QAM	1	37	17.00	17.29	17.00			
15	16QAM	1	74	16.97	17.14	17.04	17.5	2	
15	16QAM	36	0	16.09	16.20	16.05			
15	16QAM	36	20	16.15	16.12	16.07			
15	16QAM	36	39	16.16	16.24	16.04	17.5	2	
15	16QAM	75	0	16.09	16.31	16.19			
15	64QAM	1	0	16.08	16.05	16.11			
15	64QAM	1	37	16.05	16.27	15.99	17.5	2	
15	64QAM	1	74	16.04	16.07	15.99			
15	64QAM	36	0	15.28	15.16	15.08			
15	64QAM	36	20	15.05	15.29	15.19	16.5	3	
15	64QAM	36	39	15.02	15.17	15.08			
15	64QAM	75	0	15.09	15.36	15.15			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	18.08	18.15	18.16	19.5	0	
10	QPSK	1	25	18.08	18.15	18.04			
10	QPSK	1	49	18.00	18.15	18.13			
10	QPSK	25	0	17.18	17.21	17.13	18.5	1	
10	QPSK	25	12	17.22	17.19	17.02			
10	QPSK	25	25	16.99	17.17	16.95			
10	QPSK	50	0	17.16	17.24	17.06	18.5	1	
10	16QAM	1	0	17.15	17.12	17.10			
10	16QAM	1	25	16.97	17.27	17.11			
10	16QAM	1	49	16.97	17.08	16.98	17.5	2	
10	16QAM	25	0	16.22	16.27	16.10			
10	16QAM	25	12	16.12	16.22	16.01			
10	16QAM	25	25	16.11	16.28	15.96	17.5	2	
10	16QAM	50	0	16.16	16.25	16.08			
10	64QAM	1	0	15.99	16.05	16.12			
10	64QAM	1	25	16.14	16.29	16.03	17.5	2	
10	64QAM	1	49	15.94	16.05	15.89			
10	64QAM	25	0	15.25	15.11	15.16			
10	64QAM	25	12	15.10	15.30	15.09	16.5	3	
10	64QAM	25	25	15.05	15.27	15.03			
10	64QAM	50	0	15.01	15.30	15.15			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	18.09	18.17	18.15	19.5	0	
5	QPSK	1	12	17.97	18.12	18.01			
5	QPSK	1	24	18.00	18.10	18.04			
5	QPSK	12	0	17.19	17.18	17.11	18.5	1	
5	QPSK	12	7	17.22	17.07	17.02			
5	QPSK	12	13	17.06	17.30	17.03			
5	QPSK	25	0	17.17	17.26	17.04	18.5	1	
5	16QAM	1	0	17.08	17.11	17.17			
5	16QAM	1	12	17.01	17.17	17.14			
5	16QAM	1	24	16.95	17.21	17.05	17.5	2	
5	16QAM	12	0	16.19	16.19	16.02			
5	16QAM	12	7	16.04	16.13	16.02			
5	16QAM	12	13	16.17	16.31	16.06	17.5	2	
5	16QAM	25	0	16.20	16.32	16.12			
5	64QAM	1	0	16.01	16.12	16.08			
5	64QAM	1	8	16.00	16.36	16.01	17.5	2	
5	64QAM	1	24	15.94	16.11	15.93			
5	64QAM	12	0	15.26	15.24	15.09			
5	64QAM	12	7	15.01	15.25	15.15	16.5	3	
5	64QAM	12	13	15.00	15.22	15.05			
5	64QAM	25	0	15.06	15.35	15.16			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	18.10	18.09	18.05	19.5	0	
3	QPSK	1	8	18.08	18.09	18.14			
3	QPSK	1	14	18.06	18.08	18.12			
3	QPSK	8	0	17.31	17.31	17.13	18.5	1	
3	QPSK	8	4	17.12	17.09	17.06			
3	QPSK	8	7	17.00	17.21	17.04			
3	QPSK	15	0	17.21	17.18	17.10	18.5	1	
3	16QAM	1	0	17.01	17.14	17.06			
3	16QAM	1	8	16.93	17.21	17.04			
3	16QAM	1	14	16.98	17.07	17.10	17.5	2	
3	16QAM	8	0	16.12	16.27	16.04			
3	16QAM	8	4	16.16	16.16	16.07			
3	16QAM	8	7	16.11	16.18	16.08	17.5	2	
3	16QAM	15	0	16.08	16.23	16.09			
3	64QAM	1	0	16.00	16.01	16.13			
3	64QAM	1	8	16.13	16.32	16.06	17.5	2	
3	64QAM	1	14	15.93	16.19	16.02			
3	64QAM	8	0	15.34	15.25	15.06			
3	64QAM	8	4	15.02	15.17	15.13	16.5	3	
3	64QAM	8	7	15.13	15.15	15.01			
3	64QAM	15	0	15.11	15.30	15.21			
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	18.19	18.15	18.15	19.5	0	
1.4	QPSK	1	3	18.00	18.13	18.06			
1.4	QPSK	1	5	18.04	18.03	18.02			
1.4	QPSK	3	0	18.24	18.21	18.12	18.5	1	
1.4	QPSK	3	1	18.10	18.17	18.07			
1.4	QPSK	3	3	17.98	18.22	18.03			
1.4	QPSK	6	0	17.24	17.24	17.00	18.5	1	
1.4	16QAM	1	0	17.04	17.13	17.10			
1.4	16QAM	1	3	16.99	17.22	17.13			
1.4	16QAM	1	5	16.85	17.12	16.96	18.5	1	
1.4	16QAM	3	0	17.11	17.12	17.05			
1.4	16QAM	3	1	17.04	17.27	17.03			
1.4	16QAM	3	3	17.21	17.27	17.06	17.5	2	
1.4	16QAM	6	0	16.11	16.37	16.11			
1.4	16QAM	1	0	16.11	16.09	16.11			
1.4	64QAM	1	0	16.06	16.10	16.10	17.5	2	
1.4	64QAM	1	5	15.93	16.05	15.92			
1.4	64QAM	3	0	16.25	16.19	15.95			
1.4	64QAM	3	1	15.99	16.22	16.16	16.5	3	
1.4	64QAM	3	3	16.13	16.23	15.87			
1.4	64QAM	6	0	15.02	15.22	15.17			



Band 66_DS12 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	18.91	19.05	18.93	20		0
20	QPSK	1	49	18.82	19.01	18.83			
20	QPSK	1	99	18.88	19.03	18.82			
20	QPSK	50	0	18.03	18.08	17.95			
20	QPSK	50	24	17.97	18.04	17.83	19		1
20	QPSK	50	50	18.01	18.02	17.92			
20	QPSK	100	0	18.07	18.13	18.03			
20	16QAM	1	0	17.89	17.96	17.96			
20	16QAM	1	49	17.86	18.08	17.82	19		1
20	16QAM	1	99	17.83	18.01	17.76			
20	16QAM	50	0	17.10	16.99	16.94			
20	16QAM	50	24	16.89	16.95	17.02			
20	16QAM	50	50	16.94	16.96	16.86	18		2
20	16QAM	100	0	17.10	17.17	16.99			
20	64QAM	1	0	16.88	17.01	16.97			
20	64QAM	1	49	16.83	16.99	16.84			
20	64QAM	1	99	16.84	16.95	16.79	18		2
20	64QAM	50	0	16.10	15.94	15.84			
20	64QAM	50	24	15.86	15.98	16.04			
20	64QAM	50	50	15.95	15.93	15.81			
20	64QAM	100	0	16.04	16.23	15.95	17		3
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	18.82	18.96	18.87			
15	QPSK	1	37	18.75	18.85	18.68			
15	QPSK	1	74	18.79	18.90	18.73			
15	QPSK	36	0	17.97	17.95	17.85			
15	QPSK	36	20	17.91	17.91	17.75	19		1
15	QPSK	36	39	17.90	17.89	17.83			
15	QPSK	75	0	17.98	18.06	17.96			
15	16QAM	1	0	17.74	17.84	17.86			
15	16QAM	1	37	17.75	17.98	17.68	19		1
15	16QAM	1	74	17.77	17.92	17.61			
15	16QAM	36	0	16.98	16.87	16.78			
15	16QAM	36	20	16.76	16.90	16.92			
15	16QAM	36	39	16.83	16.88	16.80	18		2
15	16QAM	75	0	17.03	17.04	16.97			
15	64QAM	1	0	16.78	16.85	16.80			
15	64QAM	1	37	16.77	16.97	16.80			
15	64QAM	1	74	16.78	16.86	16.74	17		3
15	64QAM	36	0	15.94	15.81	15.79			
15	64QAM	36	20	15.71	15.82	15.96			
15	64QAM	36	39	15.90	15.91	15.77			
15	64QAM	75	0	15.95	16.13	15.93	17		3
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	18.88	18.91	18.88			
10	QPSK	1	25	18.70	18.94	18.69			
10	QPSK	1	49	18.75	19.01	18.65			
10	QPSK	25	0	18.01	17.99	17.78			
10	QPSK	25	12	17.85	17.89	17.78	19		1
10	QPSK	25	25	17.89	17.88	17.76			
10	QPSK	50	0	17.97	18.03	17.95			
10	16QAM	1	0	17.74	17.82	17.86			
10	16QAM	1	25	17.70	17.90	17.67	19		1
10	16QAM	1	49	17.78	17.91	17.68			
10	16QAM	25	0	16.94	16.96	16.90			
10	16QAM	25	12	16.81	16.84	16.90			
10	16QAM	25	25	16.86	16.91	16.79	18		2
10	16QAM	50	0	16.93	17.01	16.90			
10	64QAM	1	0	16.71	16.93	16.87			
10	64QAM	1	25	16.79	16.86	16.78			
10	64QAM	1	49	16.72	16.86	16.67	18		2
10	64QAM	25	0	15.96	15.83	15.71			
10	64QAM	25	12	15.84	15.95	15.89			
10	64QAM	25	25	15.78	15.90	15.68			
10	64QAM	50	0	16.01	16.12	15.82	17		3
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	18.78	18.98	18.85			
5	QPSK	1	12	18.74	18.93	18.68			
5	QPSK	1	24	18.79	18.93	18.70			
5	QPSK	12	0	17.99	17.91	17.91			
5	QPSK	12	7	17.83	17.87	17.76	19		1
5	QPSK	12	13	17.87	17.97	17.76			
5	QPSK	25	0	18.00	18.09	17.93			
5	16QAM	1	0	17.79	17.84	17.86			
5	16QAM	1	12	17.82	17.93	17.73	19		1
5	16QAM	1	24	17.72	17.87	17.67			
5	16QAM	12	0	17.04	16.85	16.79			
5	16QAM	12	7	16.71	16.92	16.99			
5	16QAM	12	13	16.87	16.83	16.74	18		2
5	16QAM	25	0	16.94	17.00	16.93			
5	64QAM	1	0	16.81	16.92	16.80			
5	64QAM	1	12	16.69	16.87	16.79			
5	64QAM	1	24	16.77	16.85	16.67	18		2
5	64QAM	12	0	15.92	15.86	15.69			
5	64QAM	12	7	15.80	15.81	16.00			
5	64QAM	12	13	15.91	15.90	15.71			
5	64QAM	25	0	16.02	16.14	15.82	17		3
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	18.82	18.89	18.88			
3	QPSK	1	8	18.76	18.95	18.79			
3	QPSK	1	14	18.71	18.91	18.72			
3	QPSK	8	0	17.92	17.91	17.84			
3	QPSK	8	4	17.88	17.91	17.86	19		1
3	QPSK	8	7	17.96	17.94	17.74			
3	QPSK	15	0	18.02	18.08	17.97			
3	16QAM	1	0	17.72	17.86	17.91			
3	16QAM	1	8	17.83	17.95	17.70	19		1
3	16QAM	1	14	17.80	17.86	17.59			
3	16QAM	8	0	16.99	16.91	16.90			
3	16QAM	8	4	16.71	16.88	16.92			
3	16QAM	8	7	16.87	16.80	16.79	18		2
3	16QAM	15	0	17.04	17.07	16.88			
3	64QAM	1	0	16.85	16.84	16.80			
3	64QAM	1	8	16.80	16.81	16.69			
3	64QAM	1	14	16.71	16.89	16.66	18		2
3	64QAM	8	0	16.02	15.86	15.80			
3	64QAM	8	4	15.69	15.81	15.90			
3	64QAM	8	7	15.82	15.83	15.66			
3	64QAM	15	0	15.90	16.09	15.82	17		3
Channel				131979	132322	132655			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	18.78	18.95	18.86			
1.4	QPSK	1	3	18.76	18.94	18.79			
1.4	QPSK	1	5	18.76	18.86	18.65			
1.4	QPSK	3	0	18.91	18.93	18.86			
1.4	QPSK	3	1	18.93	18.97	18.79	19		1
1.4	QPSK	3	3	18.94	18.99	18.88			
1.4	QPSK	6	0	17.91	18.05	17.90			
1.4	16QAM	1	0	17.86	17.88	17.83			
1.4	16QAM	1	3	17.88	18.02	17.76	19		1
1.4	16QAM	1	5	17.71	17.87	17.65			
1.4	16QAM	3	0	17.95	17.93	17.90			
1.4	16QAM	3	1	17.79	17.85	17.85			
1.4	16QAM	3	3	17.89	17.90	17.84	18		2
1.4	16QAM	6	0	17.02	17.08	16.90			
1.4	64QAM	1	0	16.72	16.93	16.81			
1.4	64QAM	1	3	16.70	16.89	16.81			
1.4	64QAM	1	5	16.67	16.91	16.71	18		2
1.4	64QAM	3	0	16.92	16.87	16.73			
1.4	64QAM	3	1	16.92	16.99	16.97			
1.4	64QAM	3	3	16.80	16.85	16.65			
1.4	64QAM	6	0	15.98	15.10	15.78	17		3

Band 2_DSI3 Ant1									
BW [MHz]	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	17.84	17.71	17.68			
20	QPSK	1	49	17.59	17.69	17.62	19	0	
20	QPSK	1	99	17.57	17.62	17.56			
20	QPSK	50	0	16.76	16.83	16.69			
20	QPSK	50	24	16.70	16.75	16.61	18	1	
20	QPSK	50	50	16.73	16.77	16.60			
20	QPSK	100	0	16.78	16.86	16.72			
20	16QAM	1	0	16.55	16.66	16.56			
20	16QAM	1	49	16.59	16.69	16.52	18	1	
20	16QAM	1	99	16.49	16.67	16.54			
20	16QAM	50	0	15.74	15.86	15.72			
20	16QAM	50	24	15.61	15.67	15.55			
20	16QAM	50	50	15.63	15.67	15.60	17	2	
20	16QAM	100	0	15.80	15.74	15.74			
20	64QAM	1	0	15.63	15.71	15.55			
20	64QAM	1	49	15.63	15.63	15.72	17	2	
20	64QAM	1	99	15.70	15.72	15.51			
20	64QAM	50	0	14.74	14.86	14.76			
20	64QAM	50	24	14.60	14.59	14.62			
20	64QAM	50	50	14.72	14.82	14.59	16	3	
20	64QAM	100	0	14.79	14.72	14.69			
Channel									
Frequency (MHz)									
15	QPSK	1	0	17.61	17.64	17.56			
15	QPSK	1	37	17.51	17.63	17.51	19	0	
15	QPSK	1	74	17.50	17.45	17.51			
15	QPSK	36	0	16.69	16.79	16.66			
15	QPSK	36	20	16.53	16.70	16.57	18	1	
15	QPSK	36	39	16.57	16.68	16.44			
15	QPSK	75	0	16.78	16.52	16.69			
15	16QAM	1	0	16.49	16.62	16.39			
15	16QAM	1	37	16.49	16.55	16.59	18	1	
15	16QAM	1	74	16.47	16.59	16.46			
15	16QAM	36	0	15.71	15.70	15.56			
15	16QAM	36	20	15.63	15.79	15.44	17	2	
15	16QAM	36	39	15.56	15.77	15.51			
15	16QAM	75	0	15.74	15.61	15.84			
15	64QAM	1	0	15.61	15.55	15.50			
15	64QAM	1	37	15.51	15.50	15.63	17	2	
15	64QAM	1	74	15.32	15.58	15.46			
15	64QAM	36	0	14.57	14.72	14.70			
15	64QAM	36	20	14.49	14.56	14.60	16	3	
15	64QAM	36	39	14.62	14.76	14.54			
15	64QAM	75	0	14.69	14.64	14.59			
Channel									
Frequency (MHz)									
10	QPSK	1	0	17.51	17.61	17.55			
10	QPSK	1	25	17.49	17.65	17.57	19	0	
10	QPSK	1	49	17.46	17.48	17.40			
10	QPSK	25	0	16.61	16.70	16.53			
10	QPSK	25	12	16.54	16.62	16.56	18	1	
10	QPSK	25	25	16.58	16.73	16.57			
10	QPSK	50	0	16.48	16.53	16.56			
10	16QAM	1	0	16.47	16.56	16.45			
10	16QAM	1	25	16.47	16.65	16.46	18	1	
10	16QAM	1	49	16.44	16.59	16.39			
10	16QAM	25	0	15.62	15.80	15.69			
10	16QAM	25	12	15.47	15.51	15.46	17	2	
10	16QAM	25	25	15.60	15.74	15.48			
10	16QAM	50	0	15.73	15.70	15.72			
10	64QAM	1	0	15.57	15.65	15.40			
10	64QAM	1	25	15.58	15.59	15.55	17	2	
10	64QAM	1	49	15.29	15.65	15.38			
10	64QAM	25	0	14.71	14.77	14.71			
10	64QAM	25	12	14.42	14.52	14.52			
10	64QAM	25	25	14.60	14.69	14.47	16	3	
10	64QAM	50	0	14.66	14.54	14.59			
Channel									
Frequency (MHz)									
5	QPSK	1	0	17.60	17.53	17.58			
5	QPSK	1	12	17.62	17.55	17.54	19	0	
5	QPSK	1	24	17.54	17.53	17.42			
5	QPSK	12	0	16.70	16.69	16.64			
5	QPSK	12	7	16.62	16.69	16.45	18	1	
5	QPSK	12	13	16.65	16.67	16.46			
5	QPSK	25	0	16.81	16.60	16.64			
5	16QAM	1	0	16.41	16.62	16.49			
5	16QAM	1	12	16.48	16.58	16.48	18	1	
5	16QAM	1	24	16.36	16.39	16.49			
5	16QAM	12	0	15.65	15.62	15.67			
5	16QAM	12	7	15.58	15.64	15.40	17	2	
5	16QAM	12	13	15.54	15.84	15.50			
5	16QAM	25	0	15.66	15.57	15.66			
5	64QAM	1	0	15.49	15.68	15.45			
5	64QAM	1	12	15.58	15.48	15.70	17	2	
5	64QAM	1	24	15.29	15.62	15.35			
5	64QAM	12	0	14.64	14.72	14.65			
5	64QAM	12	7	14.59	14.48	14.49	16	3	
5	64QAM	12	13	14.57	14.75	14.47			
5	64QAM	25	0	14.64	14.69	14.51			
Channel									
Frequency (MHz)									
3	QPSK	1	0	17.51	17.55	17.51			
3	QPSK	1	8	17.48	17.56	17.45	19	0	
3	QPSK	1	14	17.43	17.59	17.45			
3	QPSK	8	0	16.62	16.75	16.66			
3	QPSK	8	4	16.67	16.54	16.54	18	1	
3	QPSK	8	7	16.67	16.70	16.46			
3	QPSK	15	0	16.72	16.52	16.57			
3	16QAM	1	0	16.38	16.61	16.46			
3	16QAM	1	8	16.42	16.62	16.45	18	1	
3	16QAM	1	14	16.33	16.51	16.46			
3	16QAM	8	0	15.59	15.70	15.65			
3	16QAM	8	4	15.45	15.65	15.37	17	2	
3	16QAM	8	7	15.55	15.70	15.46			
3	16QAM	15	0	15.63	15.63	15.67			
3	64QAM	1	0	15.53	15.56	15.37			
3	64QAM	1	8	15.55	15.54	15.60	17	2	
3	64QAM	1	14	15.32	15.56	15.34			
3	64QAM	8	0	14.69	14.72	14.65			
3	64QAM	8	4	14.51	14.56	14.59	16	3	
3	64QAM	8	7	14.55	14.79	14.46			
3	64QAM	15	0	14.62	14.56	14.62			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	17.59	17.66	17.55			
1.4	QPSK	1	3	17.53	17.54	17.44	19	0	
1.4	QPSK	1	5	17.42	17.56	17.44			
1.4	QPSK	3	0	17.68	17.64	17.55			
1.4	QPSK	3	1	17.57	17.62	17.58			
1.4	QPSK	3	3	17.57	17.63	17.43	18	1	
1.4	QPSK	6	0	16.79	16.53	16.54			
1.4	16QAM	1	0	16.47	16.52	16.46			
1.4	16QAM	1	5	16.45	16.64	16.50	18	1	
1.4	16QAM	1	5	16.42	16.64	16.43			
1.4	16QAM	3	0	16.58	16.77	16.67			
1.4	16QAM	3	1	16.50	16.64	16.51			
1.4	16QAM	3	3	16.51	16.84	16.49			
1.4	16QAM	6	0	15.75	15.65	15.60	17	2	
1.4	64QAM	1	0	15.54	15.63	15.53			
1.4	64QAM	1	3	15.56	15.59	15.57			
1.4	64QAM	1	5	15.30	15.59	15.46	17	2	
1.4	64QAM	3	0	15.66	15.74	15.65			
1.4	64QAM	3	1	15.47	15.48	15.46			
1.4	64QAM	3	3	15.66	15.76	15.45			
1.4	64QAM	6	0	14.61	14.61	14.53	16	3	

Band 4_DS3 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300			
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	19.76	19.81	19.65			
20	QPSK	1	49	19.67	19.76	19.55	21	0	
20	QPSK	1	99	19.70	19.75	19.56			
20	QPSK	50	0	18.84	18.92	18.79			
20	QPSK	50	24	18.75	18.83	18.73	20	1	
20	QPSK	50	50	18.80	18.89	18.75			
20	QPSK	100	0	18.95	18.96	18.79			
20	16QAM	1	0	18.78	18.73	18.66			
20	16QAM	1	49	18.68	18.67	18.58	20	1	
20	16QAM	1	99	18.66	18.77	18.54			
20	16QAM	50	0	17.92	17.87	17.73			
20	16QAM	50	24	17.71	17.92	17.70	19	2	
20	16QAM	50	50	17.89	17.92	17.68			
20	16QAM	100	0	17.89	17.89	17.76			
20	64QAM	1	0	17.83	17.70	17.60			
20	64QAM	1	49	17.57	17.77	17.58	19	2	
20	64QAM	1	99	17.73	17.73	17.54			
20	64QAM	50	0	16.85	16.78	16.62			
20	64QAM	50	24	16.78	16.85	16.74	18	3	
20	64QAM	50	50	16.82	16.88	16.72			
20	64QAM	100	0	16.86	16.90	16.84			
Channel				20025	20175	20325	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	19.84	19.73	19.50			
15	QPSK	1	37	19.51	19.61	19.43	21	0	
15	QPSK	1	74	19.63	19.67	19.47			
15	QPSK	36	0	18.73	18.85	18.73			
15	QPSK	36	20	18.72	18.78	18.67	20	1	
15	QPSK	36	39	18.83	18.75	18.66			
15	QPSK	75	0	18.82	18.88	18.62			
15	16QAM	1	0	18.68	18.78	18.59			
15	16QAM	1	37	18.50	18.60	18.49	20	1	
15	16QAM	1	74	18.63	18.70	18.40			
15	16QAM	36	0	17.75	17.78	17.57			
15	16QAM	36	20	17.68	17.86	17.52	19	2	
15	16QAM	36	39	17.72	17.79	17.66			
15	16QAM	75	0	17.77	17.75	17.72			
15	64QAM	1	0	17.67	17.64	17.47			
15	64QAM	1	37	17.47	17.57	17.41	19	2	
15	64QAM	1	74	17.68	17.76	17.46			
15	64QAM	36	0	16.80	16.66	16.75			
15	64QAM	36	20	16.60	16.72	16.58	18	3	
15	64QAM	36	39	16.80	16.88	16.64			
15	64QAM	75	0	16.76	16.79	16.76			
Channel				20000	20175	20350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715 <th>1732.5<th>1750<th></th><th></th><th></th></th></th>	1732.5 <th>1750<th></th><th></th><th></th></th>	1750 <th></th> <th></th> <th></th>			
10	QPSK	1	0	19.66	19.73	19.61			
10	QPSK	1	25	19.64	19.64	19.48	21	0	
10	QPSK	1	49	19.67	19.70	19.38			
10	QPSK	28	0	18.81	18.78	18.69	20	1	
10	QPSK	28	12	18.60	18.79	18.55			
10	QPSK	25	25	18.67	18.81	18.58			
10	QPSK	50	0	18.84	18.87	18.69			
10	16QAM	1	0	18.75	18.66	18.60			
10	16QAM	1	25	18.51	18.51	18.42	20	1	
10	16QAM	1	49	18.52	18.74	18.44			
10	16QAM	25	0	17.86	17.73	17.63			
10	16QAM	25	12	17.67	17.81	17.62	19	2	
10	16QAM	25	25	17.77	17.88	17.52			
10	16QAM	50	0	17.81	17.85	17.72			
10	64QAM	1	0	17.81	17.56	17.51	19	2	
10	64QAM	1	49	17.58	17.63	17.51			
10	64QAM	25	0	16.68	16.70	16.77			
10	64QAM	25	12	16.72	16.81	16.60	18	3	
10	64QAM	25	25	16.72	16.87	16.68			
10	64QAM	50	0	16.70	16.76	16.69			
Channel				19975	20175	20375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	19.83	19.71	19.60			
5	QPSK	1	12	19.65	19.69	19.40	21	0	
5	QPSK	1	24	19.64	19.71	19.44			
5	QPSK	12	0	18.71	18.76	18.71			
5	QPSK	12	7	18.69	18.69	18.55	20	1	
5	QPSK	12	13	18.78	18.81	18.60			
5	QPSK	25	0	18.81	18.93	18.73			
5	16QAM	1	0	18.61	18.69	18.51	20	1	
5	16QAM	1	12	18.43	18.50	18.47			
5	16QAM	1	24	18.58	18.70	18.49			
5	16QAM	12	0	17.85	17.83	17.68			
5	16QAM	12	7	17.63	17.82	17.56	19	2	
5	16QAM	12	13	17.76	17.82	17.50			
5	16QAM	25	0	17.84	17.80	17.63			
5	64QAM	1	0	17.67	17.66	17.42			
5	64QAM	1	12	17.47	17.64	17.55	19	2	
5	64QAM	1	24	17.65	17.63	17.46			
5	64QAM	12	0	16.78	16.71	16.77			
5	64QAM	12	7	16.62	16.67	16.68	18	3	
5	64QAM	12	13	16.80	16.85	16.66			
5	64QAM	25	0	16.70	16.73	16.72			
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	19.67	19.78	19.57			
3	QPSK	1	8	19.64	19.69	19.49	21	0	
3	QPSK	1	14	19.58	19.60	19.40			
3	QPSK	8	0	18.80	18.78	18.64			
3	QPSK	8	4	18.70	18.78	18.59	20	1	
3	QPSK	8	7	18.78	18.74	18.61			
3	QPSK	15	0	18.87	18.94	18.71			
3	16QAM	1	0	18.76	18.61	18.57			
3	16QAM	1	8	18.44	18.58	18.40	20	1	
3	16QAM	1	14	18.50	18.74	18.51			
3	16QAM	8	0	17.78	17.80	17.58			
3	16QAM	8	4	17.60	17.87	17.53	19	2	
3	16QAM	8	7	17.74	17.74	17.53			
3	16QAM	15	0	17.74	17.74	17.71			
3	64QAM	1	0	17.79	17.68	17.42			
3	64QAM	1	8	17.52	17.73	17.42	19	2	
3	64QAM	1	14	17.60	17.58	17.44			
3	64QAM	8	0	16.81	16.69	16.75			
3	64QAM	8	4	16.66	16.78	16.61	18	3	
3	64QAM	8	7	16.75	16.82	16.65			
3	64QAM	15	0	16.74	16.76	16.79			
Channel				19967	20175	20393	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710 <th>1732.5</th> <th>1754.3<th></th><th></th><th></th></th>	1732.5	1754.3 <th></th> <th></th> <th></th>			
1.4	QPSK	1	0	19.83	19.66	19.54			
1.4	QPSK	1	3	19.63	19.59	19.52	21	0	
1.4	QPSK	1	5	19.65	19.57	19.53			
1.4	QPSK	3	0	19.79	19.79	19.71			
1.4	QPSK	3	1	19.59	19.73	19.58			
1.4	QPSK	3	3	19.72	19.76	19.66	20	1	
1.4	QPSK	6	0	18.81	18.82	18.66			
1.4	16QAM	1	0	18.63	18.61	18.56			
1.4	16QAM	1	4	18.42	18.54	18.45	20	1	
1.4	16QAM	1	8	18.48	18.74	18.45			
1.4	16QAM	3	0	18.80	18.84	18.59			
1.4	16QAM	3	1	18.53	18.80	18.61			
1.4	16QAM	3	3	18.83	18.75	18.51			
1.4	16QAM	6	0	17.78	17.84	17.73	19	2	
1.4	64QAM	1	0	17.71	17.61	17.50			
1.4	64QAM	1	3	17.42	17.60	17.50			
1.4	64QAM	1	5	17.68	17.66	17.51	19	2	
1.4	64QAM	3	0	17.80	17.76	17.68			
1.4	64QAM	3	1	17.68	17.77	17.65			
1.4	64QAM	3	3	17.70	17.92	17.54			
1.4	64QAM	6	0	16.77	16.87	16.77	18	3	



Band 13_Default&DSI3 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				72	72	72			
10	QPSK	1	0	22.97	23.07	23.17	24	0	
10	QPSK	1	25	23.04	23.14	23.24			
10	QPSK	1	49	22.95	23.05	23.15			
10	QPSK	25	0	22.12	22.12	22.12	23	1	
10	QPSK	25	12	22.02	22.02	22.02			
10	QPSK	25	25	22.06	22.06	22.06			
10	QPSK	50	0	21.99	21.99	21.99	23	1	
10	16QAM	1	0	22.13	22.13	22.13			
10	16QAM	1	25	22.02	22.02	22.02			
10	16QAM	1	49	22.02	22.02	22.02	22	2	
10	16QAM	25	0	20.87	20.87	20.87			
10	16QAM	25	12	21.01	21.01	21.01			
10	16QAM	25	25	21.09	21.09	21.09	22	2	
10	16QAM	50	0	20.87	20.87	20.87			
10	64QAM	1	0	21.08	21.08	21.08			
10	64QAM	1	25	21.09	21.09	21.09	21	3	
10	64QAM	1	49	20.34	20.34	20.34			
10	64QAM	25	0	19.86	19.86	19.86			
10	64QAM	25	12	20.01	20.01	20.01	21	3	
10	64QAM	25	25	20.09	20.09	20.09			
10	64QAM	50	0	19.94	19.94	19.94			
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.95	23.00	22.94	24	0	
5	QPSK	1	12	22.97	22.96	22.90			
5	QPSK	1	24	22.80	22.85	22.82			
5	QPSK	12	0	22.04	21.97	22.05	23	1	
5	QPSK	12	7	21.88	21.93	21.90			
5	QPSK	12	13	21.98	21.98	21.99			
5	QPSK	25	0	21.87	21.88	21.89	23	1	
5	16QAM	1	0	22.00	22.03	22.03			
5	16QAM	1	12	22.02	22.07	22.08			
5	16QAM	1	24	21.93	21.90	21.92	22	2	
5	16QAM	12	0	20.73	20.78	20.77			
5	16QAM	12	7	20.69	20.88	20.86			
5	16QAM	12	13	20.99	20.97	20.99	22	2	
5	16QAM	25	0	20.85	20.89	20.88			
5	64QAM	1	0	20.96	20.99	20.94			
5	64QAM	1	12	20.97	21.01	20.95	21	3	
5	64QAM	1	24	20.86	20.83	20.84			
5	64QAM	12	0	19.79	19.73	19.73			
5	64QAM	12	7	19.89	19.91	19.87	21	3	
5	64QAM	12	13	19.88	19.95	20.02			
5	64QAM	25	0	19.85	19.80	19.81			

Band 25_DS13 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590			
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	17.75	17.76	17.73	19	0	
20	QPSK	1	49	17.66	17.74	17.69			
20	QPSK	1	99	17.69	17.64	17.62			
20	QPSK	50	0	16.81	16.87	16.65	18	1	
20	QPSK	50	24	16.76	16.82	16.61			
20	QPSK	50	50	16.69	16.77	16.63			
20	QPSK	100	0	16.82	16.83	16.68	18	1	
20	16QAM	1	0	16.69	16.77	16.76			
20	16QAM	1	49	16.56	16.80	16.73			
20	16QAM	1	99	16.82	16.57	16.54	17	2	
20	16QAM	50	0	15.86	15.79	15.74			
20	16QAM	50	24	15.81	15.85	15.64			
20	16QAM	50	50	15.76	15.79	15.69	17	2	
20	16QAM	100	0	15.79	15.81	15.66			
20	64QAM	1	0	15.60	15.72	15.75			
20	64QAM	1	49	15.55	15.80	15.65	17	2	
20	64QAM	1	99	15.64	15.63	15.62			
20	64QAM	50	0	14.87	14.71	14.64			
20	64QAM	50	24	14.72	14.80	14.68	16	3	
20	64QAM	50	50	14.70	14.80	14.74			
20	64QAM	100	0	14.73	14.72	14.65			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	17.69	17.68	17.71	19	0	
15	QPSK	1	37	17.58	17.64	17.64			
15	QPSK	1	74	17.55	17.58	17.59			
15	QPSK	36	0	16.74	16.83	16.57	18	1	
15	QPSK	36	20	16.65	16.72	16.54			
15	QPSK	36	39	16.62	16.69	16.54			
15	QPSK	75	0	16.75	16.75	16.63	18	1	
15	16QAM	1	0	16.61	16.66	16.71			
15	16QAM	1	37	16.47	16.71	16.61			
15	16QAM	1	74	16.51	16.47	16.42	17	2	
15	16QAM	36	0	15.76	15.70	15.70			
15	16QAM	36	20	15.73	15.77	15.53			
15	16QAM	36	39	15.70	15.74	15.67	17	2	
15	16QAM	75	0	15.66	15.68	15.64			
15	64QAM	1	0	15.55	15.66	15.65			
15	64QAM	1	37	15.44	15.67	15.56	17	2	
15	64QAM	1	74	15.53	15.52	15.48			
15	64QAM	36	0	14.81	14.65	14.52			
15	64QAM	36	20	14.66	14.70	14.65	16	3	
15	64QAM	36	39	14.64	14.78	14.66			
15	64QAM	75	0	14.63	14.63	14.57			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	17.85	17.84	17.88	19	0	
10	QPSK	1	25	17.57	17.62	17.61			
10	QPSK	1	49	17.59	17.61	17.51			
10	QPSK	25	0	16.70	16.73	16.58	18	1	
10	QPSK	25	12	16.70	16.74	16.56			
10	QPSK	25	25	16.63	16.71	16.54			
10	QPSK	50	0	16.69	16.69	16.64	18	1	
10	16QAM	1	0	16.57	16.65	16.71			
10	16QAM	1	25	16.42	16.70	16.65			
10	16QAM	1	49	16.52	16.46	16.50	17	2	
10	16QAM	25	0	15.73	15.66	15.64			
10	16QAM	25	12	15.71	15.73	15.53			
10	16QAM	25	25	15.69	15.71	15.64	17	2	
10	16QAM	50	0	15.73	15.70	15.58			
10	64QAM	1	0	15.48	15.67	15.73	17	2	
10	64QAM	1	25	15.41	15.67	15.53			
10	64QAM	1	49	15.61	15.56	15.54			
10	64QAM	25	0	14.78	14.59	14.52	16	3	
10	64QAM	25	12	14.84	14.72	14.66			
10	64QAM	25	25	14.65	14.70	14.62			
10	64QAM	50	0	14.59	14.66	14.59	19	0	
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	17.65	17.63	17.61	19	0	
5	QPSK	1	12	17.53	17.62	17.57			
5	QPSK	1	24	17.67	17.57	17.60			
5	QPSK	12	0	16.73	16.76	16.60	18	1	
5	QPSK	12	7	16.73	16.76	16.61			
5	QPSK	12	13	16.84	16.60	16.51			
5	QPSK	25	0	16.79	16.80	16.56	18	1	
5	16QAM	1	0	16.56	16.66	16.74			
5	16QAM	1	12	16.47	16.71	16.65			
5	16QAM	1	24	16.58	16.51	16.52	17	2	
5	16QAM	12	0	15.80	15.70	15.64			
5	16QAM	12	7	15.72	15.82	15.54			
5	16QAM	12	13	15.69	15.74	15.62	17	2	
5	16QAM	25	0	15.73	15.69	15.61			
5	64QAM	1	0	15.52	15.70	15.63			
5	64QAM	1	12	15.50	15.74	15.53	17	2	
5	64QAM	1	24	15.50	15.56	15.48			
5	64QAM	12	0	14.80	14.66	14.57	16	3	
5	64QAM	12	7	14.69	14.74	14.61			
5	64QAM	12	13	14.63	14.71	14.72			
5	64QAM	25	0	14.66	14.64	14.57	19	0	
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	17.69	17.61	17.65	19	0	
3	QPSK	1	8	17.63	17.59	17.66			
3	QPSK	1	14	17.58	17.46	17.52			
3	QPSK	8	0	16.74	16.76	16.57	18	1	
3	QPSK	8	4	16.69	16.67	16.44			
3	QPSK	8	7	16.58	16.57	16.47			
3	QPSK	15	0	16.67	16.69	16.56	18	1	
3	16QAM	1	0	16.54	16.67	16.73			
3	16QAM	1	8	16.39	16.73	16.62			
3	16QAM	1	14	16.59	16.50	16.50	17	2	
3	16QAM	8	0	15.69	15.68	15.60			
3	16QAM	8	4	15.73	15.76	15.59			
3	16QAM	8	7	15.61	15.70	15.66	17	2	
3	16QAM	15	0	15.72	15.75	15.50			
3	64QAM	1	0	15.45	15.55	15.72			
3	64QAM	1	8	15.38	15.71	15.61	17	2	
3	64QAM	1	14	15.57	15.48	15.54			
3	64QAM	8	0	14.82	14.69	14.50			
3	64QAM	8	4	14.63	14.68	14.51	16	3	
3	64QAM	8	7	14.66	14.66	14.68			
3	64QAM	15	0	14.63	14.58	14.55			
Channel				26047	26340	26683	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	17.71	17.79	17.61	19	0	
1.4	QPSK	1	3	17.56	17.61	17.65			
1.4	QPSK	1	5	17.53	17.62	17.51			
1.4	QPSK	3	0	17.69	17.70	17.58	18	1	
1.4	QPSK	3	1	17.61	17.66	17.58			
1.4	QPSK	3	3	17.62	17.63	17.45			
1.4	QPSK	6	0	16.79	16.70	16.59	18	1	
1.4	QPSK	6	1	16.52	16.76	16.60			
1.4	16QAM	1	3	16.43	16.68	16.70			
1.4	16QAM	1	5	16.43	16.68	16.41	18	1	
1.4	16QAM	3	0	16.82	16.76	16.61			
1.4	16QAM	3	1	16.79	16.83	16.48			
1.4	16QAM	3	3	16.65	16.72	15.63	17	2	
1.4	16QAM	6	0	15.75	15.75	15.56			
1.4	64QAM	1	0	15.50	15.64	15.70			
1.4	64QAM	1	3	15.51	15.64	15.62	17	2	
1.4	64QAM	1	5	15.98	15.50	15.44			
1.4	64QAM	3	0	15.81	15.68	15.55			
1.4	64QAM	3	1	15.54	15.75	15.56	16	3	
1.4	64QAM	3	3	15.65	15.64	15.57			
1.4	64QAM	6	0	14.62	14.61	14.60	16	3	



Band 66_DS13 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	1745	1770	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	19.81	19.86	19.87	21	0	
20	QPSK	1	49	19.70	19.73	19.62			
20	QPSK	1	99	19.72	19.79	19.80			
20	QPSK	50	0	18.88	18.89	18.68	20	1	
20	QPSK	50	24	18.86	18.85	18.62			
20	QPSK	50	50	18.79	18.83	18.66			
20	QPSK	100	0	18.79	18.86	18.83	20	1	
20	16QAM	1	0	18.79	18.91	18.70			
20	16QAM	1	49	18.76	18.74	18.65			
20	16QAM	1	99	18.72	18.70	18.66	19	2	
20	16QAM	50	0	17.83	17.79	17.71			
20	16QAM	50	24	17.82	17.81	17.55			
20	16QAM	50	50	17.69	17.83	17.65	19	2	
20	16QAM	100	0	17.72	17.91	17.91			
20	64QAM	1	0	17.72	17.90	17.68			
20	64QAM	1	49	17.78	17.69	17.69	19	2	
20	64QAM	1	99	17.75	17.64	17.62			
20	64QAM	50	0	16.90	16.79	16.79			
20	64QAM	50	24	16.81	16.71	16.69	18	3	
20	64QAM	50	50	16.66	16.84	16.75			
20	64QAM	100	0	16.80	16.91	16.94			
Channel				132047	132322	132597	1717.5	1745	1772.5
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	19.74	19.84	19.58	21	0	
15	QPSK	1	37	19.66	19.61	19.54			
15	QPSK	1	74	19.67	19.68	19.46			
15	QPSK	36	0	18.74	18.83	18.60	20	1	
15	QPSK	36	20	18.76	18.83	18.53			
15	QPSK	36	39	18.68	18.76	18.57			
15	QPSK	75	0	18.69	18.82	18.73	20	1	
15	16QAM	1	0	18.71	18.89	18.61			
15	16QAM	1	37	18.70	18.68	18.52			
15	16QAM	1	74	18.69	18.61	18.60	19	2	
15	16QAM	36	0	17.75	17.66	17.63			
15	16QAM	36	20	17.70	17.68	17.48			
15	16QAM	36	39	17.60	17.76	17.51	19	2	
15	16QAM	75	0	17.89	17.87	17.82			
15	64QAM	1	0	17.59	17.83	17.62			
15	64QAM	1	37	17.71	17.64	17.66	19	2	
15	64QAM	1	74	17.64	17.62	17.56			
15	64QAM	36	0	16.82	16.75	16.72			
15	64QAM	36	20	16.77	16.65	16.59	18	3	
15	64QAM	36	39	16.62	16.78	16.64			
15	64QAM	75	0	16.69	16.82	16.92			
Channel				132022	132322	132622	1715	1745	1775
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	19.79	19.80	19.64	21	0	
10	QPSK	1	25	19.61	19.64	19.54			
10	QPSK	1	49	19.62	19.73	19.51			
10	QPSK	25	0	18.79	18.85	18.62	20	1	
10	QPSK	25	12	18.79	18.72	18.53			
10	QPSK	25	25	18.77	18.75	18.53			
10	QPSK	50	0	18.69	18.74	18.80	20	1	
10	16QAM	1	0	18.67	18.88	18.66			
10	16QAM	1	25	18.63	18.62	18.61			
10	16QAM	1	49	18.59	18.62	18.60	19	2	
10	16QAM	25	0	17.80	17.77	17.57			
10	16QAM	25	12	17.72	17.77	17.44			
10	16QAM	25	25	17.56	17.80	17.54	19	2	
10	16QAM	50	0	17.68	17.85	17.88			
10	64QAM	1	0	17.58	17.79	17.60			
10	64QAM	1	25	17.71	17.66	17.67	19	2	
10	64QAM	1	49	17.66	17.61	17.50			
10	64QAM	25	0	16.78	16.72	16.73			
10	64QAM	25	12	16.73	16.60	16.61	18	3	
10	64QAM	25	25	16.53	16.78	16.65			
10	64QAM	50	0	16.67	16.78	16.90			
Channel				131997	132322	132647	1712.5	1745	1777.5
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	19.76	19.79	19.63	21	0	
5	QPSK	1	12	19.58	19.67	19.48			
5	QPSK	1	24	19.58	19.66	19.48			
5	QPSK	12	0	18.77	18.76	18.60	20	1	
5	QPSK	12	7	18.79	18.83	18.48			
5	QPSK	12	13	18.71	18.77	18.60			
5	QPSK	25	0	18.73	18.78	18.80	20	1	
5	16QAM	1	0	18.76	18.77	18.66			
5	16QAM	1	12	18.66	18.71	18.57			
5	16QAM	1	24	18.70	18.66	18.60	19	2	
5	16QAM	12	0	17.76	17.73	17.62			
5	16QAM	12	7	17.72	17.69	17.47			
5	16QAM	12	13	17.62	17.73	17.56	19	2	
5	16QAM	25	0	17.65	17.87	17.82			
5	64QAM	1	0	17.60	17.87	17.63			
5	64QAM	1	12	17.65	17.61	17.66	19	2	
5	64QAM	1	24	17.62	17.56	17.50			
5	64QAM	12	0	16.80	16.71	16.66			
5	64QAM	12	7	16.73	16.66	16.59	18	3	
5	64QAM	12	13	16.61	16.74	16.70			
5	64QAM	25	0	16.74	16.82	16.87			
Channel				131987	132322	132657	1711.5	1745	1778.5
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	19.76	19.76	19.63	21	0	
3	QPSK	1	8	19.61	19.62	19.53			
3	QPSK	1	14	19.67	19.72	19.53			
3	QPSK	8	0	18.86	18.80	18.60	20	1	
3	QPSK	8	4	18.83	18.78	18.56			
3	QPSK	8	7	18.73	18.79	18.63			
3	QPSK	15	0	18.71	18.73	18.71	20	1	
3	16QAM	1	0	18.69	18.80	18.62			
3	16QAM	1	8	18.65	18.68	18.56			
3	16QAM	1	14	18.63	18.56	18.54	19	2	
3	16QAM	8	0	17.74	17.67	17.57			
3	16QAM	8	4	17.70	17.70	17.41			
3	16QAM	8	7	17.64	17.70	17.60	19	2	
3	16QAM	15	0	17.70	17.87	17.80			
3	64QAM	1	0	17.60	17.86	17.64			
3	64QAM	1	8	17.69	17.65	17.61	19	2	
3	64QAM	1	14	17.67	17.53	17.54			
3	64QAM	8	0	16.80	16.76	16.73			
3	64QAM	8	4	16.76	16.58	16.63	18	3	
3	64QAM	8	7	16.53	16.78	16.67			
3	64QAM	15	0	16.74	16.83	16.83			
Channel				131973	132322	132665	1710.7	1745	1779.3
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	19.73	19.75	19.61	21	0	
1.4	QPSK	1	3	19.59	19.63	19.52			
1.4	QPSK	1	5	19.69	19.74	19.47			
1.4	QPSK	3	0	19.77	19.71	19.53	20	1	
1.4	QPSK	3	1	19.77	19.76	19.48			
1.4	QPSK	3	3	19.70	19.67	19.58			
1.4	QPSK	6	0	18.76	18.76	18.79	20	1	
1.4	16QAM	1	0	18.77	18.62	18.62			
1.4	16QAM	1	3	18.69	18.63	18.59	19	2	
1.4	16QAM	1	5	18.65	18.58	18.58			
1.4	16QAM	3	0	18.75	18.65	18.63			
1.4	16QAM	3	1	18.66	18.64	18.46	19	2	
1.4	16QAM	3	3	18.55	18.61	18.46			
1.4	16QAM	6	0	17.67	17.81	17.84			
1.4	64QAM	1	0	17.68	17.83	17.63	19	2	
1.4	64QAM	1	3	17.72	17.67	17.64			
1.4	64QAM	1	5	17.67	17.61	17.58			
1.4	64QAM	3	0	17.83	17.68	17.69	19	2	
1.4	64QAM	3	1	17.66	17.59	17.52			
1.4	64QAM	3	3	17.52	17.70	17.58			
1.4	64QAM	6	0	16.77	16.77	16.82	18	3	



Band 2_DS17 Ant1														
BW (MHz)	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	16.13	16.17	16.11	17.5	0						
20	QPSK	1	49	16.01	16.13	16.07								
20	QPSK	1	99	16.05	16.14	16.03								
20	QPSK	50	0	15.21	15.32	15.12	16.5	1						
20	QPSK	50	24	15.17	15.21	15.10								
20	QPSK	50	50	15.16	15.25	15.08								
20	QPSK	100	0	15.23	15.35	15.17	16.5	1						
20	16QAM	1	0	15.13	15.08	15.15								
20	16QAM	1	49	15.09	15.19	15.02								
20	16QAM	1	99	15.06	15.14	15.09	15.5	2						
20	16QAM	50	0	14.18	14.26	14.03								
20	16QAM	50	24	14.13	14.30	14.09								
20	16QAM	50	50	14.14	14.26	14.10	15.5	2						
20	16QAM	100	0	14.22	14.30	14.09								
20	64QAM	1	0	14.11	14.00	14.07								
20	64QAM	1	49	14.07	14.20	13.98	15.5	2						
20	64QAM	1	99	14.00	14.07	13.90								
20	64QAM	50	0	13.18	13.19	13.24								
20	64QAM	50	24	13.15	13.27	13.11	14.5	3						
20	64QAM	50	50	13.05	13.18	13.18								
20	64QAM	100	0	13.20	13.23	13.13								
Channel														
Frequency (MHz)														
15	QPSK	1	0	16.05	16.10	16.02	17.5	0						
15	QPSK	1	37	15.95	16.03	15.92								
15	QPSK	1	74	15.96	15.97	15.86								
15	QPSK	36	0	15.13	15.24	15.08	16.5	1						
15	QPSK	36	20	15.02	15.06	15.10								
15	QPSK	36	39	15.00	15.16	15.03								
15	QPSK	75	0	15.07	15.29	15.01	16.5	1						
15	16QAM	1	0	15.08	15.05	15.02								
15	16QAM	1	37	14.94	15.07	14.99								
15	16QAM	1	74	14.91	15.04	15.03	15.5	2						
15	16QAM	36	0	14.07	14.18	13.92								
15	16QAM	36	20	13.96	14.17	13.99								
15	16QAM	36	39	14.10	14.18	13.96	15.5	2						
15	16QAM	75	0	14.15	14.24	14.07								
15	64QAM	1	0	13.95	13.98	13.91								
15	64QAM	1	37	14.03	14.13	13.91	15.5	2						
15	64QAM	1	74	13.91	14.03	13.80								
15	64QAM	36	0	13.02	13.13	13.11								
15	64QAM	36	20	13.00	13.20	12.93	14.5	3						
15	64QAM	36	39	12.89	13.06	13.12								
15	64QAM	75	0	13.07	13.16	13.04								
Channel														
Frequency (MHz)														
10	QPSK	1	0	16.09	16.10	16.05	17.5	0						
10	QPSK	1	25	15.90	16.06	15.97								
10	QPSK	1	49	16.02	16.01	15.95								
10	QPSK	25	0	15.16	15.21	15.04	16.5	1						
10	QPSK	25	12	15.10	15.15	15.10								
10	QPSK	25	25	15.13	15.20	15.06								
10	QPSK	50	0	15.16	15.33	15.01	16.5	1						
10	16QAM	1	0	15.09	14.96	14.99								
10	16QAM	1	25	14.98	15.09	14.97								
10	16QAM	1	49	15.03	14.96	14.93	15.5	2						
10	16QAM	25	0	14.01	14.13	13.98								
10	16QAM	25	12	14.09	14.25	14.06								
10	16QAM	25	25	14.02	14.20	13.97	15.5	2						
10	16QAM	50	0	14.12	14.17	13.94								
10	64QAM	1	0	14.01	13.85	13.94								
10	64QAM	1	25	13.96	14.13	13.81	15.5	2						
10	64QAM	1	49	14.04	14.06	13.84								
10	64QAM	25	0	13.15	13.11	13.09								
10	64QAM	25	12	12.98	13.12	13.07	14.5	3						
10	64QAM	25	25	13.00	13.09	13.04								
10	64QAM	50	0	13.18	13.12	12.98								
Channel														
Frequency (MHz)														
5	QPSK	1	0	16.08	16.01	16.05	17.5	0						
5	QPSK	1	12	16.05	16.00	16.04								
5	QPSK	1	24	15.88	16.12	16.03								
5	QPSK	12	0	15.17	15.21	15.09	16.5	1						
5	QPSK	12	7	15.12	15.16	15.02								
5	QPSK	12	13	15.11	15.07	15.08								
5	QPSK	25	0	15.08	15.32	15.07	16.5	1						
5	16QAM	1	0	14.97	15.04	15.03								
5	16QAM	1	12	15.01	15.14	14.92								
5	16QAM	1	24	14.89	15.06	14.98	15.5	2						
5	16QAM	12	0	14.14	14.16	14.00								
5	16QAM	12	7	14.03	14.19	13.92								
5	16QAM	12	13	14.02	14.23	13.99	15.5	2						
5	16QAM	25	0	14.12	14.22	14.02								
5	64QAM	1	0	14.09	13.95	14.02								
5	64QAM	1	12	14.03	14.12	13.83	15.5	2						
5	64QAM	1	24	13.97	14.08	13.82								
5	64QAM	12	0	13.08	13.10	13.19								
5	64QAM	12	7	13.05	13.12	13.07	14.5	3						
5	64QAM	12	13	12.94	13.15	13.16								
5	64QAM	25	0	13.17	13.14	12.97								
Channel														
Frequency (MHz)														
3	QPSK	1	0	15.96	16.03	16.05	17.5	0						
3	QPSK	1	8	15.85	16.09	15.97								
3	QPSK	1	14	15.97	16.03	15.95								
3	QPSK	8	0	15.13	15.19	15.08	16.5	1						
3	QPSK	8	4	15.05	15.10	15.03								
3	QPSK	8	7	15.12	15.14	15.02	16.5	1						
3	QPSK	15	0	15.17	15.33	15.01								
3	16QAM	1	0	14.99	15.03	14.99								
3	16QAM	1	8	14.97	15.09	14.85	16.5	1						
3	16QAM	1	14	14.97	15.09	15.03								
3	16QAM	8	0	14.02	14.14	13.87								
3	16QAM	8	4	14.05	14.13	14.06	15.5	2						
3	16QAM	8	7	14.09	14.12	14.06								
3	16QAM	15	0	14.18	14.23	13.88								
3	64QAM	1	0	14.04	13.93	13.92	15.5	2						
3	64QAM	1	8	13.93	14.05	13.95								
3	64QAM	1	14	14.04	14.04	13.74								
3	64QAM	8	0	13.07	13.03	13.12	14.5	3						
3	64QAM	8	4	12.99	13.10	13.07								
3	64QAM	8	7	13.00	13.09	13.09								
3	64QAM	15	0	13.04	13.09	13.01								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	15.96	16.00	16.07	17.5	0						
1.4	QPSK	1	3	15.99	15.99	15.98								
1.4	QPSK	1	5	16.03	16.08	16.00								
1.4	QPSK	3	0	16.04	16.07	15.88	16.5	1						
1.4	QPSK	3	1	15.99	15.96	15.94								
1.4	QPSK	6	0	15.90	16.11	15.93								
1.4	16QAM	1	0	15.19	15.16	15.06	16.5	1						
1.4	16QAM	1	0	15.02	14.92	15.12								
1.4	16QAM	1	3	14.95	15.07	14.95								
1.4	16QAM	1	5	14.99	15.04	15.04	16.5	1						
1.4	16QAM	3	0	14.99	15.00	14.78								
1.4	16QAM	3	1	14.91	15.12	14.83								
1.4	16QAM	3	1	14.86	15.13	14.85	15.5	2						
1.4	16QAM	3	1	14.15	14.25	13.94								
1.4	64QAM	1	0	14.01	13.88	13.90								
1.4	64QAM	1	3	13.90	14.15	13.92	15.5	2						
1.4	64QAM	1	5	13.91	14.06	13.81								
1.4	64QAM	3	0	13.90	14.07	14.07								
1.4	64QAM	3	3	13.98	14.10	13.89	14.5	3						
1.4	64QAM	3	3	13.90	14.05	13.92								
1.4	64QAM	6	0	13.14	13.19	13.07								



Band 13_Default&DSI7 Ant1									
BW [MHz]	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)									
10	QPSK	1	0		782				
10	QPSK	1	25	23.07					
10	QPSK	1	49	23.04			24	0	
10	QPSK	1	25	22.95					
10	QPSK	25	0	22.12					
10	QPSK	25	12	22.02			23	1	
10	QPSK	25	25	22.06					
10	QPSK	50	0	21.99					
10	16QAM	1	0	22.13					
10	16QAM	1	25	22.16			23	1	
10	16QAM	1	49	22.02					
10	16QAM	25	0	20.87					
10	16QAM	25	12	21.01			22	2	
10	16QAM	25	25	21.09					
10	16QAM	50	0	20.97					
10	64QAM	1	0	21.08					
10	64QAM	1	25	21.09			22	2	
10	64QAM	1	49	20.94					
10	64QAM	25	0	19.86					
10	64QAM	25	12	20.01			21	3	
10	64QAM	25	25	20.09					
10	64QAM	50	0	19.94					
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.95	23.00	22.94			
5	QPSK	1	12	22.97	22.96	22.90	24	0	
5	QPSK	1	24	22.80	22.85	22.82			
5	QPSK	12	0	22.04	21.97	22.05			
5	QPSK	12	7	21.88	21.93	21.90	23	1	
5	QPSK	12	13	21.98	21.98	21.99			
5	QPSK	25	0	21.87	21.88	21.89			
5	16QAM	1	0	22.00	22.03	22.03	23	1	
5	16QAM	1	12	22.02	22.07	22.08			
5	16QAM	1	24	21.93	21.90	21.92			
5	16QAM	12	0	20.73	20.78	20.77			
5	16QAM	12	7	20.89	20.88	20.86	22	2	
5	16QAM	12	13	20.99	20.97	20.99			
5	16QAM	25	0	20.85	20.89	20.86			
5	64QAM	1	0	20.95	20.99	20.94	22	2	
5	64QAM	1	12	20.97	21.01	20.95			
5	64QAM	1	24	20.86	20.83	20.84			
5	64QAM	12	0	19.79	19.73	19.73			
5	64QAM	12	7	19.89	19.91	19.87	21	3	
5	64QAM	12	13	19.88	19.85	20.02			
5	64QAM	25	0	19.85	19.80	19.81			

Band 25_DSI7 Ant1									
BW [MHz]	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	16.19	16.22	16.18			
20	QPSK	1	49	16.11	16.15	16.12	17.5	0	
20	QPSK	1	99	16.12	16.20	16.09			
20	QPSK	50	0	15.25	15.29	15.12			
20	QPSK	50	24	15.21	15.27	15.06	16.5	1	
20	QPSK	50	50	15.17	15.27	15.03			
20	QPSK	100	0	15.26	15.27	15.12			
20	16QAM	1	0	15.18	15.20	15.09			
20	16QAM	1	49	15.13	15.13	15.13	16.5	1	
20	16QAM	1	99	15.11	15.20	15.08			
20	16QAM	50	0	14.31	14.20	14.11			
20	16QAM	50	24	14.25	14.18	14.10	15.5	2	
20	16QAM	50	50	14.15	14.22	13.98			
20	16QAM	100	0	14.23	14.28	14.03			
20	64QAM	1	0	14.27	14.30	14.14			
20	64QAM	1	49	14.22	14.19	14.10	15.5	2	
20	64QAM	1	99	14.11	14.19	14.07			
20	64QAM	50	0	13.30	13.26	13.08			
20	64QAM	50	24	13.20	13.18	13.08	14.5	3	
20	64QAM	50	50	13.09	13.14	13.04			
20	64QAM	100	0	13.18	13.27	13.03			
Channel									
Frequency (MHz)									
15	QPSK	1	0	16.15	16.16	16.10			
15	QPSK	1	37	16.01	15.99	16.01	17.5	0	
15	QPSK	1	74	16.02	16.16	15.97			
15	QPSK	36	0	15.21	15.22	15.00			
15	QPSK	36	20	15.10	15.13	15.09	16.5	1	
15	QPSK	36	39	15.10	15.12	15.11			
15	QPSK	75	0	15.17	15.15	15.07			
15	16QAM	1	0	15.06	15.08	15.15			
15	16QAM	1	37	15.05	15.01	15.03	16.5	1	
15	16QAM	1	74	15.01	15.15	15.08			
15	16QAM	36	0	14.25	14.10	14.02			
15	16QAM	36	20	14.10	14.08	14.07	15.5	2	
15	16QAM	36	39	14.01	14.19	13.83			
15	16QAM	75	0	14.20	14.16	13.95			
15	64QAM	1	0	14.15	14.13	14.08			
15	64QAM	1	37	14.05	14.06	13.99	15.5	2	
15	64QAM	1	74	14.03	14.02	13.90			
15	64QAM	36	0	13.19	13.09	12.93			
15	64QAM	36	20	13.12	13.13	13.02	14.5	3	
15	64QAM	36	39	13.05	13.07	12.96			
15	64QAM	75	0	13.09	13.19	12.85			
Channel									
Frequency (MHz)									
10	QPSK	1	0	16.15	16.16	16.10			
10	QPSK	1	25	15.99	16.12	16.03	17.5	0	
10	QPSK	1	49	16.04	16.16	16.02			
10	QPSK	25	0	15.14	15.20	15.08			
10	QPSK	25	12	15.13	15.11	15.04	16.5	1	
10	QPSK	25	25	15.14	15.18	15.11			
10	QPSK	50	0	15.11	15.19	15.16			
10	16QAM	1	0	15.01	15.08	15.02	16.5	1	
10	16QAM	1	25	15.00	15.06	15.06			
10	16QAM	1	49	15.06	15.09	15.01			
10	16QAM	25	0	14.20	14.10	14.05			
10	16QAM	25	12	14.15	14.14	13.92	15.5	2	
10	16QAM	25	25	14.04	14.11	13.82			
10	16QAM	50	0	14.14	14.24	13.90			
10	64QAM	1	0	14.09	14.19	14.11			
10	64QAM	1	25	14.06	14.09	14.04	15.5	2	
10	64QAM	1	49	14.06	14.14	13.93			
10	64QAM	25	0	13.16	13.21	12.95			
10	64QAM	25	12	13.14	13.14	13.02	14.5	3	
10	64QAM	25	25	12.91	13.00	13.00			
10	64QAM	50	0	13.00	13.12	12.94			
Channel									
Frequency (MHz)									
5	QPSK	1	0	16.08	16.18	16.14			
5	QPSK	1	12	15.97	16.05	16.05	17.5	0	
5	QPSK	1	24	16.07	16.17	15.93			
5	QPSK	12	0	15.16	15.25	15.07			
5	QPSK	12	7	15.17	15.22	15.00	16.5	1	
5	QPSK	12	13	15.03	15.22	15.11			
5	QPSK	25	0	15.13	15.21	15.07			
5	16QAM	1	0	15.13	15.17	15.02			
5	16QAM	1	12	15.18	15.10	15.09	16.5	1	
5	16QAM	1	24	15.03	15.18	15.12			
5	16QAM	12	0	14.22	14.08	13.96			
5	16QAM	12	7	14.23	14.14	14.03	15.5	2	
5	16QAM	12	13	14.11	14.12	13.89			
5	16QAM	25	0	14.12	14.18	13.95			
5	64QAM	1	0	14.18	14.25	14.04	15.5	2	
5	64QAM	1	12	14.06	14.12	14.06			
5	64QAM	1	24	14.00	14.10	13.97			
5	64QAM	12	0	13.23	13.10	13.03			
5	64QAM	12	7	13.08	13.09	12.94	14.5	3	
5	64QAM	12	13	12.93	13.03	13.00			
5	64QAM	25	0	13.04	13.09	12.96			
Channel									
Frequency (MHz)									
3	QPSK	1	0	16.04	16.12	16.06			
3	QPSK	1	8	16.01	16.12	16.06	17.5	0	
3	QPSK	1	14	16.01	16.04	15.97			
3	QPSK	8	0	15.13	15.25	15.03			
3	QPSK	8	4	15.15	15.12	15.09	16.5	1	
3	QPSK	8	7	15.05	15.19	15.14			
3	QPSK	15	0	15.11	15.20	15.02			
3	16QAM	1	0	15.13	15.13	15.02	16.5	1	
3	16QAM	1	8	15.10	15.08	15.08			
3	16QAM	1	14	15.06	15.17	15.01			
3	16QAM	8	0	14.17	14.14	13.93			
3	16QAM	8	4	14.08	14.13	13.97	15.5	2	
3	16QAM	8	7	14.06	14.13	13.84			
3	16QAM	15	0	14.12	14.24	14.00			
3	64QAM	1	0	14.21	14.13	13.97			
3	64QAM	1	8	14.10	14.03	13.96	15.5	2	
3	64QAM	1	14	14.09	14.04	13.96			
3	64QAM	8	0	13.17	13.10	12.95			
3	64QAM	8	4	13.17	13.04	12.98	14.5	3	
3	64QAM	8	7	13.01	12.97	12.86			
3	64QAM	15	0	13.06	13.24	12.96			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	16.04	16.10	16.10			
1.4	QPSK	1	3	16.03	16.11	15.99	17.5	0	
1.4	QPSK	1	5	16.08	16.09	15.97			
1.4	QPSK	3	0	16.01	16.02	15.97			
1.4	QPSK	3	1	16.06	16.07	15.93			
1.4	QPSK	3	3	15.96	16.14	15.86			
1.4	QPSK	6	0	15.15	15.15	15.03	16.5	1	
1.4	16QAM	1	0	15.15	15.06	15.05			
1.4	16QAM	1	3	15.07	15.10	15.07			
1.4	16QAM	1	5	15.05	15.02	15.11	16.5	1	
1.4	16QAM	3	0	15.11	15.14	15.02			
1.4	16QAM	3	1	15.06	15.05	15.08			
1.4	16QAM	3	3	15.09	15.04	15.03	15.5	2	
1.4	16QAM	6	0	14.12	14.26	13.91			
1.4	64QAM	1	0	14.12	14.12	14.00			
1.4	64QAM	1	3	14.06	14.13	13.92			
1.4	64QAM	1	5	14.05	14.04	14.04	15.5	2	
1.4	64QAM	3	0	14.16	14.05	13.92			
1.4	64QAM	3	1	14.06	14.03	13.91			
1.4	64QAM	3	3	13.87	13.89	13.77	14.5	3	

Band 66_DS17 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPRR (dB)	
Channel				132072	132322	132597			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	17.78	17.82	17.87	19.5	0	
20	QPSK	1	49	17.70	17.71	17.81			
20	QPSK	1	99	17.72	17.75	17.82			
20	QPSK	50	0	16.81	16.86	16.85	18.5	1	
20	QPSK	50	24	16.70	16.82	16.98			
20	QPSK	50	50	16.69	16.78	16.81			
20	QPSK	100	0	16.75	16.76	16.77	18.5	1	
20	16QAM	1	0	16.85	16.92	16.81			
20	16QAM	1	49	16.77	16.81	16.80			
20	16QAM	1	99	16.69	16.80	16.67	17.5	2	
20	16QAM	50	0	15.77	15.78	15.56			
20	16QAM	50	24	15.72	15.76	15.53			
20	16QAM	50	50	15.79	15.69	15.64	17.5	2	
20	16QAM	100	0	15.76	15.83	15.83			
20	64QAM	1	0	15.78	15.85	15.57			
20	64QAM	1	49	15.86	15.79	15.56	17.5	2	
20	64QAM	1	99	15.67	15.67	15.59			
20	64QAM	50	0	14.79	14.76	14.64			
20	64QAM	50	24	14.81	14.71	14.52	16.5	3	
20	64QAM	50	50	14.87	14.61	14.64			
20	64QAM	100	0	14.84	14.83	14.93			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.70	17.77	17.83	19.5	0	
15	QPSK	1	37	17.67	17.69	17.54			
15	QPSK	1	74	17.80	17.88	17.80			
15	QPSK	36	0	16.63	16.75	16.51	18.5	1	
15	QPSK	36	20	16.54	16.66	16.55			
15	QPSK	36	39	16.60	16.75	16.63			
15	QPSK	75	0	16.57	16.73	16.66	18.5	1	
15	16QAM	1	0	16.70	16.76	16.96			
15	16QAM	1	37	16.69	16.72	16.51			
15	16QAM	1	74	16.62	16.66	16.58	17.5	2	
15	16QAM	36	0	15.61	15.67	15.66			
15	16QAM	36	20	15.59	15.68	15.61			
15	16QAM	36	39	15.77	15.53	15.59	17.5	2	
15	16QAM	75	0	15.61	15.73	15.79			
15	64QAM	1	0	15.73	15.69	15.54			
15	64QAM	1	37	15.81	15.67	15.68	17.5	2	
15	64QAM	1	74	15.52	15.81	15.55			
15	64QAM	36	0	14.68	14.60	14.57			
15	64QAM	36	20	14.78	14.58	14.63	16.5	3	
15	64QAM	36	39	14.70	14.59	14.58			
15	64QAM	75	0	14.69	14.65	14.91			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				1719	1745	1775			
10	QPSK	1	0	17.65	17.75	17.65	19.5	0	
10	QPSK	1	25	17.57	17.54	17.51			
10	QPSK	1	49	17.68	17.68	17.74			
10	QPSK	25	0	16.75	16.68	16.61	18.5	1	
10	QPSK	25	12	16.62	16.66	16.64			
10	QPSK	25	25	16.80	16.64	16.59			
10	QPSK	50	0	16.65	16.74	16.67	18.5	1	
10	16QAM	1	0	16.76	16.84	16.52			
10	16QAM	1	25	16.65	16.72	16.54			
10	16QAM	1	49	16.58	16.64	16.58	17.5	2	
10	16QAM	25	0	15.73	15.85	15.50			
10	16QAM	25	12	15.55	15.69	15.53			
10	16QAM	25	25	15.77	15.62	15.51	17.5	2	
10	16QAM	50	0	15.59	15.66	15.68			
10	64QAM	1	0	15.74	15.69	15.55			
10	64QAM	1	25	15.69	15.76	15.52	17.5	2	
10	64QAM	1	49	15.66	15.83	15.55			
10	64QAM	25	0	14.87	14.82	14.76			
10	64QAM	25	12	14.74	14.64	14.79	16.5	3	
10	64QAM	25	25	14.78	14.52	14.51			
10	64QAM	50	0	14.69	14.77	14.79			
Channel				131987	132322	132647	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	17.63	17.76	17.63	19.5	0	
5	QPSK	1	12	17.57	17.64	17.64			
5	QPSK	1	24	17.68	17.63	17.57			
5	QPSK	12	0	16.79	16.70	16.60	18.5	1	
5	QPSK	12	7	16.65	16.80	16.54			
5	QPSK	12	13	16.56	16.75	16.52			
5	QPSK	25	0	16.64	16.74	16.69	18.5	1	
5	16QAM	1	0	16.81	16.80	16.56			
5	16QAM	1	12	16.60	16.78	16.53			
5	16QAM	1	24	16.63	16.72	16.61	17.5	2	
5	16QAM	12	0	15.72	15.64	15.71			
5	16QAM	12	7	15.67	15.59	15.64			
5	16QAM	12	13	15.71	15.63	15.61	17.5	2	
5	16QAM	25	0	15.63	15.74	15.72			
5	64QAM	1	0	15.69	15.80	15.73			
5	64QAM	1	12	15.82	15.77	15.51	17.5	2	
5	64QAM	1	24	15.55	15.72	15.63			
5	64QAM	12	0	14.72	14.72	14.62			
5	64QAM	12	7	14.76	14.62	14.71	16.5	3	
5	64QAM	12	13	14.76	14.57	14.57			
5	64QAM	25	0	14.73	14.69	14.86			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.74	17.78	17.55	19.5	0	
3	QPSK	1	8	17.60	17.64	17.56			
3	QPSK	1	14	17.60	17.66	17.58			
3	QPSK	8	0	16.75	16.78	16.63	18.5	1	
3	QPSK	8	4	16.62	16.67	16.53			
3	QPSK	8	7	16.64	16.75	16.56			
3	QPSK	15	0	16.66	16.65	16.64	18.5	1	
3	16QAM	1	0	16.69	16.87	16.57			
3	16QAM	1	8	16.68	16.68	16.53			
3	16QAM	1	14	16.55	16.71	16.63	17.5	2	
3	16QAM	8	0	15.61	15.72	15.54			
3	16QAM	8	4	15.65	15.69	15.71			
3	16QAM	8	7	15.76	15.66	15.64	17.5	2	
3	16QAM	15	0	15.60	15.67	15.74			
3	64QAM	1	0	15.60	15.73	15.55			
3	64QAM	1	8	15.75	15.64	15.53	17.5	2	
3	64QAM	1	14	15.72	16.01	15.66			
3	64QAM	8	0	15.01	14.94	14.93			
3	64QAM	8	4	14.86	14.84	14.59	16.5	3	
3	64QAM	8	7	14.96	14.57	14.68			
3	64QAM	15	0	15.01	14.96	15.02			
Channel				131979	132322	132695	Tune-up limit (dBm)	MPRR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	17.69	17.61	17.62	19.5	0	
1.4	QPSK	1	3	17.51	17.52	17.79			
1.4	QPSK	1	5	17.61	17.52	17.72			
1.4	QPSK	3	0	17.80	17.53	17.75	18.5	1	
1.4	QPSK	3	1	17.79	17.53	17.57			
1.4	QPSK	3	3	17.80	17.66	17.79			
1.4	QPSK	6	0	16.97	16.98	17.07	18.5	1	
1.4	16QAM	1	0	16.99	17.09	16.89			
1.4	16QAM	1	3	17.08	16.94	16.77	17.5	2	
1.4	16QAM	1	5	16.92	17.03	16.88			
1.4	16QAM	3	0	16.82	16.94	16.63			
1.4	16QAM	3	1	16.80	16.91	16.60	17.5	2	
1.4	16QAM	3	3	16.92	16.87	16.73			
1.4	16QAM	6	0	15.96	15.98	15.13			
1.4	64QAM	1	0	15.89	16.01	15.77	17.5	2	
1.4	64QAM	1	3	16.05	15.97	15.81			
1.4	64QAM	1	5	16.01	16.13	15.83			
1.4	64QAM	3	0	15.84	15.97	15.67	17.5	2	
1.4	64QAM	3	1	15.86	15.88	15.66			
1.4	64QAM	3	3	15.79	15.72	15.66			
1.4	64QAM	6	0	15.94	15.93	15.18	16.5	3	



Band 2_DSI6 Ant1														
BW [MHz]	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	18.15	18.23	18.18	19.5	0						
20	QPSK	1	49	18.03	18.18	18.14								
20	QPSK	1	99	18.06	18.09	18.15								
20	QPSK	50	0	17.32	17.35	17.21								
20	QPSK	50	24	17.23	17.21	17.17	18.5	1						
20	QPSK	50	50	17.21	17.26	17.12								
20	QPSK	100	0	17.31	17.32	17.22								
20	16QAM	1	0	17.23	17.25	17.09								
20	16QAM	1	49	16.98	17.13	17.16	18.5	1						
20	16QAM	1	99	17.09	17.18	17.11								
20	16QAM	50	0	16.28	16.36	16.18								
20	16QAM	50	24	16.24	16.17	16.13								
20	16QAM	50	50	16.21	16.24	16.09	17.5	2						
20	16QAM	100	0	16.23	16.36	16.20								
20	64QAM	1	0	16.29	16.20	16.08								
20	64QAM	1	49	15.99	16.13	16.08								
20	64QAM	1	99	16.04	16.18	16.08	17.5	2						
20	64QAM	50	0	15.20	15.35	15.24								
20	64QAM	50	24	15.34	15.18	15.21								
20	64QAM	50	50	15.13	15.31	15.07								
20	64QAM	100	0	15.33	15.27	15.11	16.5	3						
Channel														
Frequency (MHz)														
15	QPSK	1	0	18.08	18.20	18.10	19.5	0						
15	QPSK	1	37	17.86	18.03	17.99								
15	QPSK	1	74	18.02	18.01	18.08								
15	QPSK	36	0	17.17	17.24	17.05								
15	QPSK	36	20	17.11	17.07	17.02	18.5	1						
15	QPSK	36	39	17.04	17.09	16.97								
15	QPSK	75	0	17.13	17.25	17.12								
15	16QAM	1	0	17.08	17.20	16.94								
15	16QAM	1	37	16.86	16.99	17.00	18.5	1						
15	16QAM	1	74	16.95	17.03	17.02								
15	16QAM	36	0	16.12	16.24	16.04								
15	16QAM	36	20	16.10	16.15	16.09								
15	16QAM	36	39	16.14	16.17	16.03	17.5	2						
15	16QAM	75	0	16.18	16.26	16.05								
15	64QAM	1	0	16.13	16.16	16.01								
15	64QAM	1	37	15.86	16.00	15.93								
15	64QAM	1	74	15.86	16.06	15.93	17.5	2						
15	64QAM	36	0	15.14	15.19	15.16								
15	64QAM	36	20	15.21	15.11	15.04								
15	64QAM	36	39	15.03	15.27	15.11								
15	64QAM	75	0	15.16	15.23	15.04	16.5	3						
Channel														
Frequency (MHz)														
10	QPSK	1	0	18.08	18.16	18.02	19.5	0						
10	QPSK	1	25	17.96	18.10	18.09								
10	QPSK	1	49	17.96	17.95	18.06								
10	QPSK	25	0	17.23	17.21	17.13								
10	QPSK	25	12	17.08	17.09	17.17	18.5	1						
10	QPSK	25	25	17.09	17.19	17.02								
10	QPSK	50	0	17.18	17.18	17.10								
10	16QAM	1	0	17.17	17.10	17.05								
10	16QAM	1	25	16.84	17.00	17.06	18.5	1						
10	16QAM	1	49	16.92	17.13	17.00								
10	16QAM	25	0	16.24	16.30	16.01								
10	16QAM	25	12	16.14	16.15	16.05								
10	16QAM	25	25	16.05	16.17	16.01	17.5	2						
10	16QAM	50	0	16.14	16.31	16.13								
10	64QAM	1	0	16.16	16.09	15.99								
10	64QAM	1	25	15.85	16.00	15.93								
10	64QAM	1	49	15.88	16.14	15.96	17.5	2						
10	64QAM	25	0	15.07	15.19	15.19								
10	64QAM	25	12	15.29	15.01	15.08								
10	64QAM	25	25	15.01	15.17	15.03								
10	64QAM	50	0	15.29	15.12	15.03	16.5	3						
Channel														
Frequency (MHz)														
5	QPSK	1	0	18.02	18.06	18.02	19.5	0						
5	QPSK	1	12	17.91	18.14	18.08								
5	QPSK	1	24	18.03	17.93	18.11								
5	QPSK	12	0	17.28	17.19	17.13								
5	QPSK	12	7	17.08	17.08	17.05	18.5	1						
5	QPSK	12	13	17.05	17.12	16.99								
5	QPSK	25	0	17.16	17.18	17.11								
5	16QAM	1	0	17.16	17.22	16.92								
5	16QAM	1	12	16.87	16.99	17.04	18.5	1						
5	16QAM	1	24	17.04	17.04	16.97								
5	16QAM	12	0	16.14	16.24	16.14								
5	16QAM	12	7	16.18	16.04	15.97								
5	16QAM	12	13	16.07	16.14	16.06	17.5	2						
5	16QAM	25	0	16.10	16.22	16.03								
5	64QAM	1	0	16.16	16.02	16.03								
5	64QAM	1	12	15.82	15.97	16.05								
5	64QAM	1	24	16.00	16.10	16.02	17.5	2						
5	64QAM	12	0	15.06	15.28	15.15								
5	64QAM	12	7	15.22	15.13	15.18								
5	64QAM	12	13	15.04	15.24	15.11								
5	64QAM	25	0	15.23	15.23	15.02	16.5	3						
Channel														
Frequency (MHz)														
3	QPSK	1	0	18.04	18.18	18.01	19.5	0						
3	QPSK	1	8	17.96	18.14	18.02								
3	QPSK	1	14	17.94	17.95	18.06								
3	QPSK	8	0	17.15	17.29	17.12								
3	QPSK	8	4	17.05	17.12	17.15	18.5	1						
3	QPSK	8	7	17.16	17.08	17.05								
3	QPSK	15	0	17.23	17.28	17.10								
3	16QAM	1	0	17.18	17.09	16.98								
3	16QAM	1	8	16.92	17.05	17.10	18.5	1						
3	16QAM	1	14	16.95	17.12	17.03								
3	16QAM	8	0	16.19	16.25	16.01								
3	16QAM	8	4	16.18	16.06	15.97								
3	16QAM	8	7	16.15	16.07	16.01	17.5	2						
3	16QAM	15	0	16.10	16.21	16.13								
3	64QAM	1	0	16.22	16.06	16.00								
3	64QAM	1	8	15.86	16.08	16.00								
3	64QAM	1	14	15.92	16.03	15.99	17.5	2						
3	64QAM	8	0	15.10	15.29	15.07								
3	64QAM	8	4	15.31	15.15	15.11								
3	64QAM	8	7	15.16	15.21	15.09								
3	64QAM	15	0	15.21	15.18	15.07	16.5	3						
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	18.02	18.08	18.04	19.5	0						
1.4	QPSK	1	3	18.00	18.11	18.08								
1.4	QPSK	1	5	17.91	17.92	18.07								
1.4	QPSK	3	0	18.22	18.15	18.06								
1.4	QPSK	3	1	18.15	18.13	18.06	18.5	1						
1.4	QPSK	3	3	18.08	18.09	18.01								
1.4	QPSK	6	0	17.28	17.24	17.05								
1.4	16QAM	1	0	17.20	17.23	17.06								
1.4	16QAM	1	3	16.82	17.03	17.04	18.5	1						
1.4	16QAM	1	5	17.03	17.02	17.08								
1.4	16QAM	3	0	17.23	17.27	17.01								
1.4	16QAM	3	1	17.19	17.10	17.03								
1.4	16QAM	3	3	17.13	17.11	16.97	17.5	2						
1.4	16QAM	6	0	16.18	16.25	16.11								
1.4	64QAM	1	0	16.15	16.04	16.03								
1.4	64QAM	1	3	15.83	16.06	16.02								
1.4	64QAM	1	5	15.91	16.15	16.02	17.5	2						
1.4	64QAM	3	0	16.15	16.27	16.15								
1.4	64QAM	3	1	16.30	16.12	16.19								
1.4	64QAM	3	3	16.07	16.21	15.89								
1.4	64QAM	6	0	15.26	15.16	15.04	16.5	3						



Band 13_Default&DSI6 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
10	QPSK	1	0	22.95	23.00	22.94	24	0	
10	QPSK	1	25	22.97	22.96	22.90			
10	QPSK	1	49	22.80	22.85	22.82	23	1	
10	QPSK	25	0	22.04	22.05	22.02			
10	QPSK	25	12	22.02	22.02	22.02	23	1	
10	QPSK	25	25	22.06	22.06	22.06			
10	QPSK	50	0	22.16	22.16	22.16	22	2	
10	16QAM	1	0	22.02	22.02	22.02			
10	16QAM	1	49	20.87	20.87	20.87	22	2	
10	16QAM	25	0	21.01	21.01	21.01			
10	16QAM	25	12	21.09	21.09	21.09	21	3	
10	16QAM	25	25	20.87	20.87	20.87			
10	16QAM	50	0	21.08	21.08	21.08	22	2	
10	64QAM	1	0	21.09	21.09	21.09			
10	64QAM	1	49	20.34	20.34	20.34	21	3	
10	64QAM	25	0	19.86	19.86	19.86			
10	64QAM	25	12	20.01	20.01	20.01	21	3	
10	64QAM	25	25	20.09	20.09	20.09			
10	64QAM	50	0	19.94	19.94	19.94	21	3	
5	QPSK	1	0	22.95	23.00	22.94			
5	QPSK	1	12	22.97	22.96	22.90	24	0	
5	QPSK	1	24	22.80	22.85	22.82			
5	QPSK	12	0	22.04	21.97	22.05	23	1	
5	QPSK	12	7	21.88	21.93	21.90			
5	QPSK	12	13	21.98	21.98	21.99	23	1	
5	QPSK	25	0	21.87	21.88	21.89			
5	16QAM	1	0	22.00	22.03	22.03	23	1	
5	16QAM	1	12	22.02	22.07	22.08			
5	16QAM	1	24	21.93	21.90	21.92	22	2	
5	16QAM	12	0	20.73	20.78	20.77			
5	16QAM	12	7	20.69	20.86	20.86	22	2	
5	16QAM	12	13	20.99	20.97	20.99			
5	16QAM	25	0	20.85	20.89	20.88	22	2	
5	64QAM	1	0	20.96	20.99	20.94			
5	64QAM	1	12	20.87	21.01	20.95	21	3	
5	64QAM	1	24	20.86	20.83	20.84			
5	64QAM	12	0	19.79	19.73	19.73	21	3	
5	64QAM	12	7	19.89	19.91	19.87			
5	64QAM	12	13	19.88	19.95	20.02	21	3	
5	64QAM	25	0	19.85	19.80	19.81			

Band 25_DS16 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	18.23	18.27	18.19	19.5	0	
20	QPSK	1	49	18.12	18.23	18.16			
20	QPSK	1	99	18.10	18.18	18.16			
20	QPSK	50	0	17.29	17.36	17.16	18.5	1	
20	QPSK	50	24	17.27	17.24	17.10			
20	QPSK	50	50	17.16	17.34	17.11			
20	QPSK	100	0	17.29	17.32	17.17	18.5	1	
20	16QAM	1	0	17.19	17.21	17.20			
20	16QAM	1	49	17.10	17.32	17.17			
20	16QAM	1	99	17.01	17.24	17.13	17.5	2	
20	16QAM	50	0	16.27	16.30	16.13			
20	16QAM	50	24	16.19	16.30	16.17			
20	16QAM	50	50	16.24	16.34	16.10	17.5	2	
20	16QAM	100	0	16.23	16.40	16.25			
20	64QAM	1	0	16.16	16.18	16.18			
20	64QAM	1	49	16.17	16.38	16.15	17.5	2	
20	64QAM	1	99	16.06	16.21	16.07			
20	64QAM	50	0	15.37	15.28	15.13			
20	64QAM	50	24	15.16	15.35	15.21	16.5	3	
20	64QAM	50	50	15.17	15.31	15.01			
20	64QAM	100	0	15.14	15.38	15.25			
Channel				26115 <th>26340<th>26615</th><th rowspan="2">Tune-up limit (dBm)</th><th rowspan="2">MPR (dB)</th><th rowspan="2"></th></th>	26340 <th>26615</th> <th rowspan="2">Tune-up limit (dBm)</th> <th rowspan="2">MPR (dB)</th> <th rowspan="2"></th>	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	18.14	18.14	18.16	19.5	0	
15	QPSK	1	37	18.00	18.18	18.01			
15	QPSK	1	74	18.04	18.09	17.99			
15	QPSK	36	0	17.14	17.27	17.04	18.5	1	
15	QPSK	36	20	17.24	17.12	17.00			
15	QPSK	36	39	17.01	17.20	16.96			
15	QPSK	75	0	17.18	17.19	17.04	18.5	1	
15	16QAM	1	0	17.16	17.12	17.18			
15	16QAM	1	37	17.00	17.29	17.00			
15	16QAM	1	74	16.97	17.14	17.04	17.5	2	
15	16QAM	36	0	16.09	16.20	16.05			
15	16QAM	36	20	16.15	16.26	16.07			
15	16QAM	36	39	16.16	16.24	16.04	17.5	2	
15	16QAM	75	0	16.09	16.31	16.19			
15	64QAM	1	0	16.08	16.05	16.11			
15	64QAM	1	37	16.05	16.27	15.99	17.5	2	
15	64QAM	1	74	16.04	16.07	15.99			
15	64QAM	36	0	15.28	15.16	15.08			
15	64QAM	36	20	15.05	15.29	15.19	16.5	3	
15	64QAM	36	39	15.02	15.17	15.08			
15	64QAM	75	0	15.09	15.36	15.15			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855 <th>1880</th> <th>1910</th>	1880	1910			
10	QPSK	1	0	18.08	18.15	18.16	19.5	0	
10	QPSK	1	25	18.08	18.15	18.04			
10	QPSK	1	49	18.00	18.15	18.13			
10	QPSK	25	0	17.18	17.21	17.13	18.5	1	
10	QPSK	25	12	17.22	17.19	17.02			
10	QPSK	25	25	16.99	17.17	16.95			
10	QPSK	50	0	17.16	17.24	17.06	18.5	1	
10	16QAM	1	0	17.15	17.12	17.10			
10	16QAM	1	25	16.97	17.27	17.11			
10	16QAM	1	49	16.97	17.08	16.98	17.5	2	
10	16QAM	25	0	16.22	16.27	16.10			
10	16QAM	25	12	16.12	16.22	16.01			
10	16QAM	25	25	16.11	16.28	15.96	17.5	2	
10	16QAM	50	0	16.16	16.25	16.08			
10	64QAM	1	0	15.99	16.05	16.12			
10	64QAM	1	25	16.14	16.29	16.03	17.5	2	
10	64QAM	1	49	15.94	16.05	15.85			
10	64QAM	25	0	15.25	15.11	15.16			
10	64QAM	25	12	15.10	15.30	15.09	16.5	3	
10	64QAM	25	25	15.05	15.27	15.03			
10	64QAM	50	0	15.01	15.30	15.15			
Channel				26065	26340	26665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	18.09	18.17	18.15	19.5	0	
5	QPSK	1	12	17.97	18.12	18.01			
5	QPSK	1	24	18.00	18.10	18.04			
5	QPSK	12	0	17.19	17.18	17.11	18.5	1	
5	QPSK	12	7	17.22	17.07	17.02			
5	QPSK	12	13	17.06	17.30	17.03			
5	QPSK	25	0	17.17	17.25	17.04	18.5	1	
5	16QAM	1	0	17.08	17.11	17.17			
5	16QAM	1	12	17.01	17.17	17.14			
5	16QAM	1	24	16.95	17.21	17.05	17.5	2	
5	16QAM	12	0	16.19	16.19	16.19			
5	16QAM	12	7	16.04	16.13	16.02			
5	16QAM	12	13	16.17	16.31	16.06	17.5	2	
5	16QAM	25	0	16.20	16.32	16.12			
5	64QAM	1	0	16.01	16.12	16.08			
5	64QAM	1	12	16.00	16.35	16.09	17.5	2	
5	64QAM	1	24	15.04	16.11	15.83			
5	64QAM	12	0	15.26	15.24	15.09			
5	64QAM	12	7	15.01	15.25	15.15	16.5	3	
5	64QAM	12	13	15.00	15.22	15.05			
5	64QAM	25	0	15.06	15.35	15.16			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	18.10	18.09	18.05	19.5	0	
3	QPSK	1	8	18.08	18.09	18.14			
3	QPSK	1	14	18.08	18.12	18.12			
3	QPSK	8	0	17.17	17.31	17.13	18.5	1	
3	QPSK	8	4	17.12	17.09	17.06			
3	QPSK	8	7	17.00	17.21	17.04			
3	QPSK	15	0	17.21	17.18	17.10	18.5	1	
3	16QAM	1	0	17.01	17.14	17.06			
3	16QAM	1	8	16.93	17.21	17.04			
3	16QAM	1	14	16.98	17.07	17.10	17.5	2	
3	16QAM	8	0	16.12	16.27	16.04			
3	16QAM	8	4	16.16	16.16	16.07			
3	16QAM	8	7	16.11	16.18	16.08	17.5	2	
3	16QAM	15	0	16.08	16.23	16.09			
3	64QAM	1	0	16.00	16.01	16.13			
3	64QAM	1	8	16.13	16.32	16.06	17.5	2	
3	64QAM	1	14	15.93	16.19	16.02			
3	64QAM	8	0	15.34	15.25	15.06			
3	64QAM	8	4	15.02	15.17	15.13	16.5	3	
3	64QAM	8	7	15.13	15.15	15.01			
3	64QAM	15	0	15.11	15.30	15.21			
Channel				26047	26340	26649	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	18.19	18.15	18.15	19.5	0	
1.4	QPSK	1	3	18.00	18.13	18.06			
1.4	QPSK	1	5	18.04	18.03	18.02			
1.4	QPSK	3	0	18.24	18.21	18.02	18.5	1	
1.4	QPSK	3	1	18.10	18.17	18.07			
1.4	QPSK	3	3	17.98	18.22	18.03			
1.4	QPSK	6	0	17.24	17.24	17.00	18.5	1	
1.4	16QAM	1	0	17.04	17.13	17.13			
1.4	16QAM	1	3	16.99	17.22	17.13			
1.4	16QAM	3	0	16.85	17.12	17.05	18.5	1	
1.4	16QAM	3	1	17.11	17.12	17.03			
1.4	16QAM	3	3	17.21	17.27	17.06			
1.4	16QAM	6	0	16.11	16.37	16.11	17.5	2	
1.4	64QAM	1	0	16.11	16.09	16.11			
1.4	64QAM	1	3	16.08	16.30	16.10			
1.4	QPSK	1	5	18.05	18.05	15.92	17.5	2	
1.4	64QAM	3	0	16.25	16.19	15.98			
1.4	64QAM	3	1	15.99	16.22	16.15			
1.4	64QAM	3	3	16.13	16.23	15.87	16.5	3	
1.4	64QAM	6	0	15.02	15.22	15.17			



Band 66_DSI6 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	20.31	20.36	20.17	21.5	0	
20	QPSK	1	49	20.20	20.23	20.12			
20	QPSK	1	99	20.22	20.29	20.10			
20	QPSK	50	0	19.38	19.39	19.18	20.5	1	
20	QPSK	50	24	19.36	19.35	19.12			
20	QPSK	50	50	19.29	19.33	19.16			
20	QPSK	100	0	19.29	19.36	19.33	20.5	1	
20	16QAM	1	0	19.29	19.41	19.20			
20	16QAM	1	49	19.26	19.24	19.15			
20	16QAM	1	99	19.22	19.20	19.16	19.5	2	
20	16QAM	50	0	18.33	18.29	18.21			
20	16QAM	50	24	18.32	18.31	18.05			
20	16QAM	50	50	18.19	18.33	18.15	19.5	2	
20	16QAM	100	0	18.22	18.41	18.41			
20	64QAM	1	0	18.22	18.40	18.18			
20	64QAM	1	49	18.28	18.19	18.19	19.5	2	
20	64QAM	1	99	18.25	18.14	18.12			
20	64QAM	50	0	17.40	17.29	17.29			
20	64QAM	50	24	17.31	17.21	17.19	18.5	3	
20	64QAM	50	50	17.16	17.34	17.25			
20	64QAM	100	0	17.30	17.41	17.44			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	20.24	20.34	20.08		21.5	
15	QPSK	1	37	20.06	20.11	20.04			
15	QPSK	1	74	20.17	20.18	19.96			
15	QPSK	36	0	19.24	19.33	19.10	20.5	1	
15	QPSK	36	20	19.26	19.33	19.03			
15	QPSK	36	39	19.18	19.28	19.07			
15	QPSK	75	0	19.19	19.32	19.23	20.5	1	
15	16QAM	1	0	19.21	19.39	19.11			
15	16QAM	1	37	19.20	19.18	19.02			
15	16QAM	1	74	19.19	19.11	19.10	19.5	2	
15	16QAM	36	0	18.25	18.16	18.13			
15	16QAM	36	20	18.20	18.18	17.98			
15	16QAM	36	39	18.10	18.26	18.11	19.5	2	
15	16QAM	75	0	18.09	18.37	18.32			
15	64QAM	1	0	18.09	18.33	18.12			
15	64QAM	1	37	18.21	18.14	18.16	19.5	2	
15	64QAM	1	74	18.14	18.12	18.06			
15	64QAM	36	0	17.32	17.25	17.22			
15	64QAM	36	20	17.27	17.15	17.09	18.5	3	
15	64QAM	36	39	17.12	17.28	17.14			
15	64QAM	75	0	17.19	17.32	17.42			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	20.29	20.30	20.14		21.5	
10	QPSK	1	25	20.11	20.14	20.04			
10	QPSK	1	49	20.12	20.23	20.01			
10	QPSK	25	0	19.29	19.35	19.12	20.5	1	
10	QPSK	25	12	19.29	19.22	19.03			
10	QPSK	25	25	19.27	19.25	19.03			
10	QPSK	50	0	19.19	19.24	19.30	20.5	1	
10	16QAM	1	0	19.17	19.38	19.16			
10	16QAM	1	25	19.13	19.12	19.11			
10	16QAM	1	49	19.09	19.12	19.10	19.5	2	
10	16QAM	25	0	18.30	18.27	18.07			
10	16QAM	25	12	18.22	18.27	17.94			
10	16QAM	25	25	18.06	18.30	18.04	19.5	2	
10	16QAM	50	0	18.18	18.35	18.38			
10	64QAM	1	0	18.08	18.29	18.10			
10	64QAM	1	25	18.21	18.16	18.17	19.5	2	
10	64QAM	1	49	18.16	18.11	18.00			
10	64QAM	25	0	17.28	17.22	17.23			
10	64QAM	25	12	17.23	17.10	17.11	18.5	3	
10	64QAM	25	25	17.03	17.28	17.15			
10	64QAM	50	0	17.17	17.28	17.40			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	20.26	20.29	20.13		21.5	
5	QPSK	1	12	20.08	20.17	19.98			
5	QPSK	1	24	20.08	20.16	19.98			
5	QPSK	12	0	19.27	19.26	19.10	20.5	1	
5	QPSK	12	7	19.29	19.33	18.98			
5	QPSK	12	13	19.21	19.27	19.10			
5	QPSK	25	0	19.23	19.28	19.30	20.5	1	
5	16QAM	1	0	19.26	19.27	19.16			
5	16QAM	1	12	19.16	19.21	19.07			
5	16QAM	1	24	19.20	19.16	19.10	19.5	2	
5	16QAM	12	0	18.26	18.23	18.12			
5	16QAM	12	7	18.22	18.19	17.97			
5	16QAM	12	13	18.12	18.23	18.06	19.5	2	
5	16QAM	25	0	18.15	18.37	18.32			
5	64QAM	1	0	18.10	18.37	18.13			
5	64QAM	1	12	18.15	18.11	18.16	19.5	2	
5	64QAM	1	24	18.12	18.06	18.00			
5	64QAM	12	0	17.30	17.21	17.16			
5	64QAM	12	7	17.23	17.16	17.09	18.5	3	
5	64QAM	12	13	17.11	17.24	17.20			
5	64QAM	25	0	17.24	17.32	17.37			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	20.26	20.26	20.13		21.5	
3	QPSK	1	8	20.11	20.12	20.03			
3	QPSK	1	14	20.17	20.22	20.03			
3	QPSK	8	0	19.36	19.30	19.10	20.5	1	
3	QPSK	8	4	19.33	19.28	19.06			
3	QPSK	8	7	19.23	19.29	19.13			
3	QPSK	15	0	19.21	19.23	19.21	20.5	1	
3	16QAM	1	0	19.19	19.30	19.12			
3	16QAM	1	8	19.15	19.18	19.06			
3	16QAM	1	14	19.13	19.06	19.04	19.5	2	
3	16QAM	8	0	18.24	18.17	18.07			
3	16QAM	8	4	18.20	18.20	17.91			
3	16QAM	8	7	18.14	18.20	18.10	19.5	2	
3	16QAM	15	0	18.20	18.37	18.30			
3	64QAM	1	0	18.10	18.36	18.14			
3	64QAM	1	8	18.19	18.15	18.11	19.5	2	
3	64QAM	1	14	18.17	18.03	18.04			
3	64QAM	8	0	17.30	17.26	17.23			
3	64QAM	8	4	17.26	17.08	17.13	18.5	3	
3	64QAM	8	7	17.03	17.28	17.17			
3	64QAM	15	0	17.24	17.33	17.33			
Channel				131973	132322	132655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	20.23	20.25	20.11		21.5	
1.4	QPSK	1	3	20.09	20.13	20.02			
1.4	QPSK	1	5	20.19	20.24	19.97			
1.4	QPSK	3	0	20.27	20.21	20.03			
1.4	QPSK	3	1	20.27	20.26	19.98			
1.4	QPSK	6	0	19.26	19.26	19.29	20.5	1	
1.4	16QAM	1	0	19.27	19.32	19.12			
1.4	16QAM	1	3	19.19	19.31	19.09			
1.4	16QAM	1	5	19.15	19.08	19.08	20.5	1	
1.4	16QAM	3	0	19.25	19.15	19.13			
1.4	16QAM	3	1	19.16	19.14	19.06			
1.4	16QAM	3	3	19.05	19.21	18.96	19.5	2	
1.4	16QAM	6	0	18.17	18.31	18.34			
1.4	64QAM	1	0	18.18	18.33	18.13			
1.4	64QAM	1	3	18.22	18.16	18.14	19.5	2	
1.4	64QAM	1	5	18.17	18.31	18.08			
1.4	64QAM	3	0	18.33	18.19	18.19			
1.4	64QAM	3	1	18.16	18.09	18.02	18.5	3	
1.4	64QAM	3	3	18.02	18.20	18.08			
1.4	64QAM	6	0	17.27	17.27	17.32			

Band 48_DIS2 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640	21.5	0
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.16	20.19	20.27	20.09		
20	QPSK	1	49	20.08	20.07	20.12	20.18		
20	QPSK	1	99	20.10	20.09	20.07	20.05	20.5	1
20	QPSK	50	0	19.09	19.18	19.26	19.07		
20	QPSK	50	24	19.08	19.10	19.13	19.13		
20	QPSK	50	50	19.07	19.07	19.18	19.15		
20	QPSK	100	0	19.01	19.02	19.16	19.07	20.5	1
20	16QAM	1	0	18.99	19.03	19.10	19.09		
20	16QAM	1	49	19.23	19.27	19.15	19.24		
20	16QAM	1	99	19.04	19.14	19.07	19.10		
20	16QAM	50	0	18.15	18.15	18.13	18.14	19.5	2
20	16QAM	50	24	18.17	18.15	18.15	18.13		
20	16QAM	50	50	18.09	18.18	18.12	18.14		
20	16QAM	100	0	18.19	18.12	18.15	18.05		
20	64QAM	1	0	17.78	17.70	17.85	17.78	19.5	2
20	64QAM	1	49	17.67	17.74	17.79	17.75		
20	64QAM	1	99	17.71	17.75	17.76	17.68		
20	64QAM	50	0	17.02	17.05	17.15	17.14		
20	64QAM	50	24	17.16	17.12	17.09	17.11	18.5	3
20	64QAM	50	50	17.10	17.13	17.15	17.07		
20	64QAM	100	0	17.11	17.13	17.10	17.13		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5	21.5	0
15	QPSK	1	0	20.11	20.08	20.16	20.03		
15	QPSK	1	37	20.13	20.04	20.05	20.08		
15	QPSK	1	74	20.06	20.09	19.90	20.00		
15	QPSK	36	0	19.04	19.05	19.03	18.94	20.5	1
15	QPSK	36	20	18.99	19.01	19.10	18.97		
15	QPSK	36	39	19.07	19.10	19.05	19.12		
15	QPSK	75	0	18.93	19.03	18.95	18.97		
15	16QAM	1	0	19.00	18.99	18.97	19.03	20.5	1
15	16QAM	1	37	19.19	19.18	19.07	19.16		
15	16QAM	1	74	18.98	19.09	19.07	19.08		
15	16QAM	36	0	18.08	18.10	18.12	17.98		
15	16QAM	36	20	18.07	18.03	18.09	18.14	19.5	2
15	16QAM	36	39	18.02	18.10	18.15	18.09		
15	16QAM	75	0	18.06	18.01	18.08	18.02		
15	64QAM	1	0	17.74	17.72	17.74	17.74		
15	64QAM	1	37	17.69	17.64	17.75	17.64	19.5	2
15	64QAM	1	74	17.56	17.71	17.67	17.67		
15	64QAM	36	0	16.97	17.05	17.02	17.07		
15	64QAM	36	20	17.11	17.07	17.00	17.04		
15	64QAM	36	39	17.07	17.14	17.04	17.03	18.5	3
15	64QAM	75	0	16.99	17.06	17.11	16.98		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695	21.5	0
10	QPSK	1	0	20.15	20.09	20.11	20.01		
10	QPSK	1	25	20.05	20.03	20.10	20.16		
10	QPSK	1	49	20.11	19.99	19.92	20.10		
10	QPSK	25	0	19.04	19.02	19.03	18.95	20.5	1
10	QPSK	25	12	18.95	19.02	19.09	19.06		
10	QPSK	25	25	19.00	19.12	19.03	19.08		
10	QPSK	50	0	19.02	18.96	18.97	18.98		
10	16QAM	1	0	18.94	18.98	19.03	18.98	20.5	1
10	16QAM	1	25	19.14	19.11	19.07	19.10		
10	16QAM	1	49	18.98	19.03	19.10	19.04		
10	16QAM	25	0	18.07	18.05	18.02	18.07		
10	16QAM	25	12	18.19	18.04	18.08	18.04	19.5	2
10	16QAM	25	25	18.05	18.16	18.10	18.13		
10	16QAM	50	0	18.10	17.99	18.10	18.11		
10	64QAM	1	0	17.70	17.68	17.79	17.69		
10	64QAM	1	25	17.59	17.64	17.75	17.70	19.5	2
10	64QAM	1	49	17.64	17.75	17.66	17.70		
10	64QAM	25	0	17.02	17.00	17.04	17.04		
10	64QAM	25	12	17.14	17.12	17.03	17.08		
10	64QAM	25	25	17.06	17.13	17.07	17.06	18.5	3
10	64QAM	50	0	17.06	17.05	17.13	17.00		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5	21.5	0
5	QPSK	1	0	20.17	20.16	20.10	20.05		
5	QPSK	1	12	20.05	20.12	20.03	20.15		
5	QPSK	1	24	20.04	20.09	19.95	19.99		
5	QPSK	12	0	19.02	19.08	19.02	18.98	20.5	1
5	QPSK	12	7	19.02	19.00	19.00	19.06		
5	QPSK	12	13	19.10	19.09	19.02	19.12		
5	QPSK	25	0	18.99	19.05	19.05	19.09		
5	16QAM	1	0	18.90	19.00	18.95	18.98	20.5	1
5	16QAM	1	12	19.18	19.10	19.09	19.12		
5	16QAM	1	24	19.00	19.10	19.12	19.08		
5	16QAM	12	0	18.10	18.03	18.01	18.07		
5	16QAM	12	7	18.12	18.09	18.03	18.14	19.5	2
5	16QAM	12	13	17.99	18.15	18.09	18.11		
5	16QAM	25	0	18.09	18.07	18.06	18.05		
5	64QAM	1	0	17.71	17.65	17.81	17.72		
5	64QAM	1	12	17.70	17.64	17.68	17.63	19.5	2
5	64QAM	1	24	17.62	17.65	17.69	17.69		
5	64QAM	12	0	16.97	16.98	17.07	17.15		
5	64QAM	12	7	17.04	17.09	17.04	17.08		
5	64QAM	12	13	17.05	17.12	17.13	17.06	18.5	3
5	64QAM	25	0	16.98	17.02	17.05	17.01		

Band 48_DIS3 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	19.04	19.11	19.39	19.19		
20	QPSK	1	49	19.09	19.07	19.12	19.18		
20	QPSK	1	99	19.17	19.00	19.13	18.90	20.5	0
20	QPSK	50	0	18.18	18.23	18.31	18.18		
20	QPSK	50	24	18.16	18.14	18.07	18.19		
20	QPSK	50	50	18.15	18.10	18.10	18.03		
20	QPSK	100	0	18.15	18.14	18.16	18.09	19.5	1
20	16QAM	1	0	18.02	17.99	18.10	17.95		
20	16QAM	1	49	18.14	18.13	18.25	18.06		
20	16QAM	1	99	18.01	18.15	18.16	18.06		
20	16QAM	50	0	17.04	17.15	17.08	17.20	18.5	2
20	16QAM	50	24	17.17	17.14	17.17	17.15		
20	16QAM	50	50	17.23	17.14	17.17	17.26		
20	16QAM	100	0	17.08	17.04	17.25	17.13		
20	64QAM	1	0	16.78	16.85	16.84	16.82	18.5	2
20	64QAM	1	49	16.79	16.68	16.81	16.73		
20	64QAM	1	99	16.76	16.55	16.83	16.68		
20	64QAM	50	0	16.04	16.01	16.12	16.06		
20	64QAM	50	24	16.03	16.25	16.25	16.13	17.5	3
20	64QAM	50	50	16.19	16.06	16.16	16.23		
20	64QAM	100	0	16.15	16.16	16.22	16.21		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5	20.5	0
15	QPSK	1	0	18.98	19.16	19.15	19.12		
15	QPSK	1	37	19.05	19.07	19.14	19.18		
15	QPSK	1	74	19.13	19.21	19.14	18.92		
15	QPSK	36	0	18.08	18.09	18.10	18.11	19.5	1
15	QPSK	36	20	18.17	17.95	18.16	18.02		
15	QPSK	36	39	18.25	18.22	18.14	18.08		
15	QPSK	75	0	18.02	17.97	18.06	18.11		
15	16QAM	1	0	17.96	17.99	18.17	18.03	19.5	1
15	16QAM	1	37	18.10	18.18	18.31	18.27		
15	16QAM	1	74	18.17	18.05	18.09	18.16		
15	16QAM	36	0	16.98	17.06	17.14	17.12		
15	16QAM	36	20	17.06	17.15	17.24	17.17	18.5	2
15	16QAM	36	39	17.16	17.10	17.16	17.22		
15	16QAM	75	0	17.12	17.11	17.13	17.08		
15	64QAM	1	0	16.80	16.90	16.94	16.78		
15	64QAM	1	37	16.82	16.73	16.79	16.89	18.5	2
15	64QAM	1	74	16.73	16.68	16.72	16.75		
15	64QAM	36	0	16.11	15.98	16.09	16.22		
15	64QAM	36	20	16.14	16.17	16.33	16.13		
15	64QAM	36	39	16.13	15.98	16.31	16.07	17.5	3
15	64QAM	75	0	16.06	16.12	16.24	16.12		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695	20.5	0
10	QPSK	1	0	19.19	19.14	19.23	19.27		
10	QPSK	1	25	19.10	19.16	19.28	19.20		
10	QPSK	1	49	19.16	19.23	19.08	18.98		
10	QPSK	25	0	18.09	18.07	18.21	18.11	19.5	1
10	QPSK	25	12	18.09	18.18	18.13	18.22		
10	QPSK	25	25	18.18	18.10	18.16	18.05		
10	QPSK	50	0	18.11	18.01	18.18	18.03		
10	16QAM	1	0	17.94	18.06	18.10	18.15	19.5	1
10	16QAM	1	25	18.24	18.13	18.32	18.09		
10	16QAM	1	49	18.11	18.02	18.22	18.03		
10	16QAM	25	0	17.14	17.15	17.24	17.03		
10	16QAM	25	12	17.06	17.11	17.30	17.17	18.5	2
10	16QAM	25	25	17.05	17.14	17.12	17.17		
10	16QAM	50	0	17.11	17.21	17.29	17.14		
10	64QAM	1	0	16.67	16.79	16.86	16.76		
10	64QAM	1	25	16.79	16.62	16.74	16.89	18.5	2
10	64QAM	1	49	16.64	16.66	16.87	16.83		
10	64QAM	25	0	16.11	16.17	16.08	16.07		
10	64QAM	25	12	16.15	16.03	16.19	16.02		
10	64QAM	25	25	16.02	16.02	16.25	16.02	17.5	3
10	64QAM	50	0	16.00	15.96	16.31	16.19		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5	20.5	0
5	QPSK	1	0	18.99	19.14	19.36	19.29		
5	QPSK	1	12	19.27	19.16	19.23	19.09		
5	QPSK	1	24	19.02	19.22	19.26	18.93		
5	QPSK	12	0	18.06	18.20	18.22	18.19	19.5	1
5	QPSK	12	7	17.96	17.97	18.28	18.08		
5	QPSK	12	13	18.05	18.15	18.26	18.07		
5	QPSK	25	0	18.18	17.99	18.11	18.01		
5	16QAM	1	0	17.94	17.89	18.06	18.00	19.5	1
5	16QAM	1	12	18.09	18.28	18.15	18.27		
5	16QAM	1	24	18.02	17.99	18.31	18.14		
5	16QAM	12	0	17.02	17.14	17.16	17.11		
5	16QAM	12	7	17.10	17.17	17.32	17.02	18.5	2
5	16QAM	12	13	17.05	16.96	17.14	17.16		
5	16QAM	25	0	17.01	17.26	17.26	17.03		
5	64QAM	1	0	16.69	16.84	16.92	16.72		
5	64QAM	1	12	16.74	16.70	16.85	16.79	18.5	2
5	64QAM	1	24	16.68	16.58	16.74	16.65		
5	64QAM	12	0	16.16	16.11	16.20	16.09		
5	64QAM	12	7	16.03	16.15	16.15	16.17		
5	64QAM	12	13	16.10	16.09	16.26	16.15	17.5	3
5	64QAM	25	0	16.17	16.03	16.28	16.21		

Band 48_DIS7 Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.81	18.85	19.00	18.84		
20	QPSK	1	49	18.83	18.72	18.92	18.72		
20	QPSK	1	99	18.85	18.72	18.73	18.73	20	0
20	QPSK	50	0	17.60	17.68	17.89	17.88		
20	QPSK	50	24	17.81	17.66	17.81	17.78		
20	QPSK	50	50	17.74	17.75	17.71	17.79		
20	QPSK	100	0	17.76	17.57	17.80	17.80	19	1
20	16QAM	1	0	17.66	17.64	17.75	17.58		
20	16QAM	1	49	17.87	17.77	17.87	17.89		
20	16QAM	1	99	17.70	17.66	17.95	17.65		
20	16QAM	50	0	16.70	16.68	16.78	16.88	18	2
20	16QAM	50	24	16.80	16.85	16.96	16.79		
20	16QAM	50	50	16.82	16.72	16.91	16.92		
20	16QAM	100	0	16.80	16.68	16.76	16.79		
20	64QAM	1	0	16.34	16.48	16.57	16.45	18	2
20	64QAM	1	49	16.31	16.28	16.57	16.42		
20	64QAM	1	99	16.37	16.28	16.56	16.46		
20	64QAM	50	0	15.67	15.63	15.73	15.65		
20	64QAM	50	24	15.84	15.86	15.76	15.81	17	3
20	64QAM	50	50	15.78	15.72	15.88	15.83		
20	64QAM	100	0	15.71	15.76	15.78	15.86		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	18.71	18.71	18.85	18.83	20	0
15	QPSK	1	37	18.69	18.70	18.82	18.70		
15	QPSK	1	74	18.72	18.74	18.72	18.59		
15	QPSK	36	0	17.65	17.69	17.82	17.73		
15	QPSK	36	20	17.67	17.66	17.73	17.72	19	1
15	QPSK	36	39	17.75	17.66	17.75	17.75		
15	QPSK	75	0	17.61	17.58	17.73	17.58		
15	16QAM	1	0	17.65	17.59	17.71	17.56		
15	16QAM	1	37	17.73	17.74	17.79	17.67	19	1
15	16QAM	1	74	17.67	17.66	17.77	17.77		
15	16QAM	36	0	16.72	16.62	16.68	16.72		
15	16QAM	36	20	16.79	16.76	16.83	16.63		
15	16QAM	36	39	16.69	16.56	16.81	16.75	18	2
15	16QAM	75	0	16.64	16.65	16.76	16.72		
15	64QAM	1	0	16.27	16.32	16.39	16.38		
15	64QAM	1	37	16.24	16.25	16.41	16.27		
15	64QAM	1	74	16.22	16.26	16.40	16.39	18	2
15	64QAM	36	0	15.74	15.70	15.84	15.61		
15	64QAM	36	20	15.64	15.66	15.76	15.66		
15	64QAM	36	39	15.65	15.57	15.84	15.77		
15	64QAM	75	0	15.70	15.71	15.81	15.70	17	3
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	18.62	18.71	18.79	18.75	20	0
10	QPSK	1	25	18.75	18.64	18.80	18.70		
10	QPSK	1	49	18.68	18.75	18.66	18.55		
10	QPSK	25	0	17.57	17.71	17.76	17.62		
10	QPSK	25	12	17.58	17.69	17.69	17.73	19	1
10	QPSK	25	25	17.71	17.68	17.83	17.73		
10	QPSK	50	0	17.66	17.55	17.68	17.68		
10	16QAM	1	0	17.63	17.59	17.73	17.58		
10	16QAM	1	25	17.78	17.80	17.80	17.79	19	1
10	16QAM	1	49	17.60	17.59	17.82	17.75		
10	16QAM	25	0	16.73	16.75	16.82	16.70		
10	16QAM	25	12	16.68	16.76	16.80	16.67		
10	16QAM	25	25	16.74	16.62	16.79	16.80	18	2
10	16QAM	50	0	16.71	16.76	16.78	16.73		
10	64QAM	1	0	16.27	16.37	16.49	16.35		
10	64QAM	1	25	16.24	16.23	16.50	16.41		
10	64QAM	1	49	16.36	16.24	16.39	16.38	18	2
10	64QAM	25	0	15.72	15.68	15.82	15.68		
10	64QAM	25	12	15.68	15.79	15.78	15.69		
10	64QAM	25	25	15.63	15.64	15.73	15.73		
10	64QAM	50	0	15.60	15.63	15.73	15.68	17	3
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	18.65	18.73	18.80	18.82	20	0
5	QPSK	1	12	18.71	18.66	18.85	18.74		
5	QPSK	1	24	18.67	18.77	18.73	18.50		
5	QPSK	12	0	17.57	17.79	17.74	17.65		
5	QPSK	12	7	17.68	17.63	17.76	17.75	19	1
5	QPSK	12	13	17.75	17.76	17.76	17.74		
5	QPSK	25	0	17.66	17.58	17.74	17.65		
5	16QAM	1	0	17.63	17.63	17.67	17.63		
5	16QAM	1	12	17.79	17.82	17.83	17.72	19	1
5	16QAM	1	24	17.64	17.72	17.85	17.74		
5	16QAM	12	0	16.74	16.69	16.74	16.64		
5	16QAM	12	7	16.81	16.71	16.73	16.70		
5	16QAM	12	13	16.76	16.64	16.78	16.77	18	2
5	16QAM	25	0	16.67	16.71	16.77	16.62		
5	64QAM	1	0	16.26	16.30	16.50	16.47		
5	64QAM	1	12	16.30	16.22	16.50	16.28		
5	64QAM	1	24	16.37	16.16	16.44	16.25	18	2
5	64QAM	12	0	15.69	15.61	15.79	15.74		
5	64QAM	12	7	15.68	15.77	15.82	15.65		
5	64QAM	12	13	15.72	15.62	15.73	15.65		
5	64QAM	25	0	15.59	15.61	15.80	15.74	17	3

Band 48_DIS6 SA Ant2

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	20.44	20.39	20.74	20.57		
20	QPSK	1	49	20.45	20.39	20.72	20.52		
20	QPSK	1	99	20.44	20.43	20.60	20.36	22	0
20	QPSK	50	0	19.36	19.39	19.69	19.58		
20	QPSK	50	24	19.37	19.28	19.57	19.49		
20	QPSK	50	50	19.45	19.31	19.66	19.50		
20	QPSK	100	0	19.35	19.24	19.57	19.43	21	1
20	16QAM	1	0	19.39	19.29	19.51	19.50		
20	16QAM	1	49	19.56	19.49	19.68	19.50		
20	16QAM	1	99	19.38	19.30	19.58	19.58		
20	16QAM	50	0	18.42	18.38	18.58	18.53	20	2
20	16QAM	50	24	18.49	18.39	18.62	18.44		
20	16QAM	50	50	18.42	18.40	18.71	18.53		
20	16QAM	100	0	18.35	18.35	18.68	18.57		
20	64QAM	1	0	18.05	18.06	18.28	18.19	20	2
20	64QAM	1	49	18.10	18.05	18.29	18.14		
20	64QAM	1	99	18.02	18.07	18.32	18.21		
20	64QAM	50	0	17.47	17.26	17.65	17.42		
20	64QAM	50	24	17.38	17.38	17.63	17.45	19	3
20	64QAM	50	50	17.42	17.35	17.72	17.59		
20	64QAM	100	0	17.44	17.41	17.71	17.55		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	20.33	20.43	20.73	20.56	22	0
15	QPSK	1	37	20.55	20.41	20.60	20.52		
15	QPSK	1	74	20.46	20.38	20.63	20.37		
15	QPSK	36	0	19.37	19.49	19.65	19.49		
15	QPSK	36	20	19.42	19.41	19.59	19.57	21	1
15	QPSK	36	39	19.46	19.35	19.65	19.45		
15	QPSK	75	0	19.40	19.32	19.53	19.48		
15	16QAM	1	0	19.43	19.24	19.58	19.45		
15	16QAM	1	37	19.56	19.42	19.65	19.50	21	1
15	16QAM	1	74	19.37	19.44	19.58	19.44		
15	16QAM	36	0	18.33	18.44	18.55	18.50		
15	16QAM	36	20	18.51	18.44	18.63	18.45		
15	16QAM	36	39	18.40	18.25	18.62	18.54	20	2
15	16QAM	75	0	18.42	18.34	18.57	18.52		
15	64QAM	1	0	18.08	18.09	18.33	18.17		
15	64QAM	1	37	18.06	18.03	18.28	18.17		
15	64QAM	1	74	18.07	18.07	18.28	18.18	19	3
15	64QAM	36	0	17.47	17.35	17.58	17.46		
15	64QAM	36	20	17.38	17.41	17.68	17.42		
15	64QAM	36	39	17.39	17.32	17.72	17.53		
15	64QAM	75	0	17.40	17.34	17.71	17.48	Tune-up limit (dBm)	MPR (dB)
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	20.31	20.44	20.61	20.58		
10	QPSK	1	25	20.42	20.36	20.73	20.57	22	0
10	QPSK	1	49	20.36	20.36	20.59	20.39		
10	QPSK	25	0	19.40	19.43	19.71	19.58		
10	QPSK	25	12	19.38	19.38	19.65	19.53		
10	QPSK	25	25	19.49	19.36	19.55	19.57	21	1
10	QPSK	50	0	19.43	19.35	19.61	19.44		
10	16QAM	1	0	19.41	19.35	19.57	19.42		
10	16QAM	1	25	19.55	19.50	19.67	19.61		
10	16QAM	1	49	19.39	19.40	19.59	19.55	21	1
10	16QAM	25	0	18.35	18.45	18.55	18.54		
10	16QAM	25	12	18.41	18.46	18.72	18.54		
10	16QAM	25	25	18.47	18.31	18.69	18.59		
10	16QAM	50	0	18.44	18.47	18.59	18.53	20	2
10	64QAM	1	0	18.08	18.06	18.35	18.21		
10	64QAM	1	25	18.03	18.00	18.22	18.11		
10	64QAM	1	49	18.10	18.09	18.18	18.17		
10	64QAM	25	0	17.43	17.37	17.58	17.46	19	3
10	64QAM	25	12	17.43	17.35	17.59	17.52		
10	64QAM	25	25	17.39	17.43	17.67	17.55		
10	64QAM	50	0	17.44	17.36	17.63	17.60		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	20.45	20.51	20.65	20.55	22	0
5	QPSK	1	12	20.39	20.49	20.67	20.46		
5	QPSK	1	24	20.35	20.36	20.68	20.39		
5	QPSK	12	0	19.33	19.40	19.68	19.58		
5	QPSK	12	7	19.40	19.40	19.59	19.57	21	1
5	QPSK	12	13	19.38	19.41	19.68	19.44		
5	QPSK	25	0	19.39	19.36	19.67	19.37		
5	16QAM	1	0	19.41	19.32	19.66	19.52		
5	16QAM	1	12	19.54	19.43	19.69	19.62	21	1
5	16QAM	1	24	19.35	19.30	19.62	19.52		
5	16QAM	12	0	18.33	18.44	18.53	18.47		
5	16QAM	12	7	18.47	18.46	18.72	18.50		
5	16QAM	12	13	18.40	18.39	18.58	18.62	20	2
5	16QAM	25	0	18.39	18.37	18.61	18.49		
5	64QAM	1	0	18.13	18.14	18.27	18.19		
5	64QAM	1	12	18.10	18.04	18.26	18.14		
5	64QAM	1	24	18.00	18.13	18.26	18.18	20	2
5	64QAM	12	0	17.44	17.35	17.60	17.44		
5	64QAM	12	7	17.47	17.50	17.61	17.43		
5	64QAM	12	13	17.44	17.42	17.65	17.59		
5	64QAM	25	0	17.45	17.38	17.57	17.47	19	3
5	64QAM	25	0	17.45	17.38	17.57	17.47		



Band 2_DSI3 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	14.83	15.02	15.00			
20	QPSK	1	49	14.70	15.01	14.84	16.5	0	
20	QPSK	1	99	14.75	14.87	14.75			
20	QPSK	50	0	13.93	14.06	13.95			
20	QPSK	50	24	13.84	14.05	13.80	15.5	1	
20	QPSK	50	50	13.84	13.91	13.78			
20	QPSK	100	0	13.98	13.99	13.85			
20	16QAM	1	0	14.01	14.09	13.91			
20	16QAM	1	49	13.85	13.93	13.93	15.5	1	
20	16QAM	1	99	13.89	13.97	13.80			
20	16QAM	50	0	13.01	12.98	12.69			
20	16QAM	50	24	12.92	13.02	12.83			
20	16QAM	50	50	12.92	12.87	12.93	14.5	2	
20	16QAM	100	0	12.99	13.22	12.85			
20	64QAM	1	0	12.91	13.05	12.85			
20	64QAM	1	49	12.92	13.02	12.92	14.5	2	
20	64QAM	1	99	12.92	12.93	13.11			
20	64QAM	50	0	11.98	12.01	11.72			
20	64QAM	50	24	11.76	11.94	11.90			
20	64QAM	50	50	11.94	11.90	11.87	13.5	3	
20	64QAM	100	0	11.99	12.19	11.87			
Channel									
Frequency (MHz)									
15	QPSK	1	0	14.76	14.78	14.73			
15	QPSK	1	37	14.56	14.82	14.66	16.5	0	
15	QPSK	1	74	14.71	14.77	14.70			
15	QPSK	36	0	13.66	13.98	13.84			
15	QPSK	36	20	13.69	13.94	13.70	15.5	1	
15	QPSK	36	39	13.65	13.70	13.52			
15	QPSK	75	0	13.72	13.74	13.76			
15	16QAM	1	0	13.79	13.85	13.77			
15	16QAM	1	37	13.64	13.77	13.77	15.5	1	
15	16QAM	1	74	13.81	13.92	13.59			
15	16QAM	36	0	12.55	12.94	12.53			
15	16QAM	36	20	12.55	12.93	12.89	14.5	2	
15	16QAM	36	39	12.75	12.82	12.72			
15	16QAM	75	0	12.82	13.17	12.72			
15	64QAM	1	0	12.66	12.78	12.59			
15	64QAM	1	37	12.77	12.82	12.88	14.5	2	
15	64QAM	1	74	12.65	12.73	12.98			
15	64QAM	36	0	11.78	11.94	11.62			
15	64QAM	36	20	11.70	11.79	11.77			
15	64QAM	36	39	11.70	11.82	11.80	13.5	3	
15	64QAM	75	0	11.77	12.15	11.78			
Channel									
Frequency (MHz)									
10	QPSK	1	0	14.62	14.59	14.66			
10	QPSK	1	25	14.52	14.71	14.61	16.5	0	
10	QPSK	1	49	14.65	14.66	14.51			
10	QPSK	25	0	13.54	13.93	13.76			
10	QPSK	25	12	13.55	13.78	13.56	15.5	1	
10	QPSK	25	12	13.55	13.64	13.53			
10	QPSK	50	0	13.65	13.85	13.64			
10	16QAM	1	0	13.65	13.78	13.66			
10	16QAM	1	25	13.50	13.72	13.54	15.5	1	
10	16QAM	1	49	13.66	13.71	13.52			
10	16QAM	25	0	12.76	12.85	12.51			
10	16QAM	25	12	12.66	12.67	12.63	14.5	2	
10	16QAM	25	12	12.65	12.50	12.61			
10	16QAM	50	0	12.55	12.93	12.53			
10	64QAM	1	0	12.51	12.96	12.52	14.5	2	
10	64QAM	1	25	12.55	12.60	12.57			
10	64QAM	1	49	12.51	12.69	12.85			
10	64QAM	25	0	11.66	11.89	11.50			
10	64QAM	25	12	11.51	11.63	11.52	13.5	3	
10	64QAM	25	12	11.64	11.69	11.55			
10	64QAM	50	0	11.74	12.03	11.60			
Channel									
Frequency (MHz)									
5	QPSK	1	0	14.66	14.67	14.71			
5	QPSK	1	12	14.58	14.54	14.54	16.5	0	
5	QPSK	1	24	14.70	14.61	14.56			
5	QPSK	12	0	13.67	13.81	13.72			
5	QPSK	12	7	13.69	13.82	13.64	15.5	1	
5	QPSK	12	13	13.53	13.60	13.57			
5	QPSK	25	0	13.65	13.71	13.73			
5	16QAM	1	0	13.75	13.76	13.75			
5	16QAM	1	12	13.60	13.67	13.68	15.5	1	
5	16QAM	1	24	13.71	13.85	13.58			
5	16QAM	12	0	12.60	12.63	12.53			
5	16QAM	12	7	12.86	12.82	12.50	14.5	2	
5	16QAM	12	13	12.73	12.64	12.57			
5	16QAM	25	0	12.69	13.00	12.72			
5	64QAM	1	0	12.60	12.76	12.59			
5	64QAM	1	12	12.66	12.69	12.53	14.5	2	
5	64QAM	1	24	12.57	12.57	12.92			
5	64QAM	12	0	11.60	11.76	11.61			
5	64QAM	12	7	11.70	11.79	11.79	13.5	3	
5	64QAM	12	13	11.60	11.74	11.81			
5	64QAM	25	0	11.68	12.10	11.70			
Channel									
Frequency (MHz)									
3	QPSK	1	0	14.64	14.67	14.84	16.5	0	
3	QPSK	1	8	14.59	14.67	14.51			
3	QPSK	1	14	14.55	14.71	14.53			
3	QPSK	8	0	13.59	13.94	13.81			
3	QPSK	8	4	13.61	13.94	13.57	15.5	1	
3	QPSK	8	7	13.53	13.63	13.54			
3	QPSK	15	0	13.60	13.57	13.64			
3	16QAM	1	0	13.76	13.72	13.62			
3	16QAM	1	8	13.59	13.73	13.62	15.5	1	
3	16QAM	1	14	13.74	13.75	13.58			
3	16QAM	8	0	12.95	12.90	12.57			
3	16QAM	8	4	12.74	12.89	12.55	14.5	2	
3	16QAM	8	7	12.63	12.55	12.57			
3	16QAM	15	0	12.67	13.16	12.69			
3	64QAM	1	8	12.65	12.82	12.54	14.5	2	
3	64QAM	1	14	12.62	12.67	12.91			
3	64QAM	8	0	11.77	11.79	11.58			
3	64QAM	8	4	11.62	11.64	11.76	13.5	3	
3	64QAM	8	7	11.59	11.72	11.74			
3	64QAM	15	0	11.75	11.58	11.68			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	14.61	14.65	14.62			
1.4	QPSK	1	3	14.53	14.72	14.55	16.5	0	
1.4	QPSK	1	5	14.56	14.64	14.55			
1.4	QPSK	3	0	14.62	14.53	14.64			
1.4	QPSK	3	1	14.53	14.58	14.50			
1.4	QPSK	6	0	13.63	13.72	13.65	15.5	1	
1.4	16QAM	1	0	13.70	13.84	13.62			
1.4	16QAM	1	5	13.64	13.66	13.71			
1.4	16QAM	1	5	13.66	13.74	13.53	15.5	1	
1.4	16QAM	3	0	13.60	13.72	13.63			
1.4	16QAM	3	1	13.54	13.53	13.73			
1.4	16QAM	3	3	13.61	13.71	13.59			
1.4	16QAM	6	0	12.69	13.00	12.69	14.5	2	
1.4	64QAM	1	0	12.55	12.72	12.61			
1.4	64QAM	1	3	12.75	12.78	12.53			
1.4	64QAM	1	5	12.64	12.62	12.90	14.5	2	
1.4	64QAM	3	0	12.59	12.68	12.57			
1.4	64QAM	3	1	12.69	12.62	12.58			
1.4	64QAM	3	3	12.54	12.63	12.82			
1.4	64QAM	6	0	11.70	12.14	11.73	13.5	3	

Band 4_DSI3 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	14.76	15.05	14.84			
20	QPSK	1	49	14.81	14.87	14.79	16.5	0	
20	QPSK	1	99	14.69	14.97	14.89			
20	QPSK	50	0	13.99	13.85	13.83			
20	QPSK	50	24	13.87	14.02	13.83	15.5	1	
20	QPSK	50	50	13.78	13.92	13.96			
20	QPSK	100	0	13.91	14.00	13.87			
20	16QAM	1	0	13.85	13.89	13.76			
20	16QAM	1	49	13.78	13.91	13.84	15.5	1	
20	16QAM	1	99	13.84	13.87	13.93			
20	16QAM	50	0	12.86	12.96	12.99			
20	16QAM	50	24	12.94	13.05	12.81	14.5	2	
20	16QAM	50	50	12.83	12.97	12.83			
20	16QAM	100	0	12.91	12.85	12.96			
20	64QAM	1	0	12.82	13.				



Band 7_DSII3 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	707.5		
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.69	17.74	17.68	19.5	0	
20	QPSK	1	49	17.58	17.68	17.55			
20	QPSK	1	99	17.65	17.67	17.64			
20	QPSK	50	0	16.70	16.85	16.80			
20	QPSK	50	24	16.61	16.74	16.77	18.5	1	
20	QPSK	50	50	16.63	16.77	16.75			
20	QPSK	100	0	16.78	16.86	16.75			
20	16QAM	1	0	16.66	16.80	16.75			
20	16QAM	1	49	16.67	16.83	16.83	18.5	1	
20	16QAM	1	99	16.68	16.85	16.72			
20	16QAM	50	0	15.78	15.81	15.88			
20	16QAM	50	24	15.68	15.69	15.73			
20	16QAM	50	50	15.63	15.80	15.68	17.5	2	
20	16QAM	100	0	15.71	15.85	15.80			
20	64QAM	1	0	15.70	15.76	15.83			
20	64QAM	1	49	15.74	15.62	15.62			
20	64QAM	1	99	15.62	15.88	15.77	17.5	2	
20	64QAM	50	0	14.86	14.84	14.85			
20	64QAM	50	24	14.74	14.70	14.75			
20	64QAM	50	50	14.64	14.82	14.59			
20	64QAM	100	0	14.64	14.80	14.73	16.5	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	17.54	17.63	17.52	19.5	0	
15	QPSK	1	37	17.53	17.58	17.56			
15	QPSK	1	74	17.50	17.63	17.52			
15	QPSK	36	0	16.62	16.74	16.70			
15	QPSK	36	20	16.50	16.57	16.69	18.5	1	
15	QPSK	36	39	16.60	16.69	16.60			
15	QPSK	75	0	16.68	16.76	16.64			
15	16QAM	1	0	16.57	16.68	16.60			
15	16QAM	1	37	16.64	16.58	16.50	18.5	1	
15	16QAM	1	74	16.62	16.59	16.69			
15	16QAM	36	0	15.66	15.73	15.80			
15	16QAM	36	20	15.56	15.62	15.64			
15	16QAM	36	39	15.60	15.70	15.55	17.5	2	
15	16QAM	75	0	15.59	15.82	15.88			
15	64QAM	1	0	15.59	15.67	15.75			
15	64QAM	1	37	15.59	15.51	15.58			
15	64QAM	1	74	15.56	15.65	15.74	16.5	3	
15	64QAM	36	0	14.70	14.66	14.69			
15	64QAM	36	20	14.58	14.65	14.67			
15	64QAM	36	39	14.53	14.67	14.57			
15	64QAM	75	0	14.61	14.68	14.64	Tune-up limit (dBm)	MPR (dB)	
Channel				20900	21100	21400			
Frequency (MHz)				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	17.58	17.61	17.51	19.5	0	
10	QPSK	1	25	17.51	17.56	17.53			
10	QPSK	1	49	17.59	17.59	17.52			
10	QPSK	25	0	16.64	16.69	16.65			
10	QPSK	25	12	16.59	16.56	16.70	18.5	1	
10	QPSK	25	25	16.52	16.63	16.57			
10	QPSK	50	0	16.64	16.78	16.62			
10	16QAM	1	0	16.51	16.77	16.63			
10	16QAM	1	25	16.58	16.50	16.59	18.5	1	
10	16QAM	1	49	16.66	16.61	16.57			
10	16QAM	25	0	15.66	15.76	15.73			
10	16QAM	25	12	15.63	15.56	15.62			
10	16QAM	25	25	15.54	15.76	15.62	17.5	2	
10	16QAM	50	0	15.63	15.74	15.66			
10	64QAM	1	0	15.58	15.66	15.73			
10	64QAM	1	25	15.72	15.50	15.71			
10	64QAM	1	49	15.51	15.51	15.84	17.5	2	
10	64QAM	25	0	14.70	14.66	14.79			
10	64QAM	25	12	14.64	14.55	14.72			
10	64QAM	25	25	14.60	14.69	14.61			
10	64QAM	50	0	14.59	14.65	14.63	16.5	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	17.61	17.59	17.64	19.5	0	
5	QPSK	1	12	17.58	17.54	17.57			
5	QPSK	1	24	17.53	17.55	17.50			
5	QPSK	12	0	16.60	16.81	16.65			
5	QPSK	12	7	16.58	16.66	16.65	18.5	1	
5	QPSK	12	13	16.55	16.60	16.62			
5	QPSK	25	0	16.71	16.82	16.71			
5	16QAM	1	0	16.57	16.66	16.62			
5	16QAM	1	12	16.64	16.55	16.57	18.5	1	
5	16QAM	1	24	16.54	16.57	16.68			
5	16QAM	12	0	15.68	15.63	15.82			
5	16QAM	12	7	15.56	15.65	15.56			
5	16QAM	12	13	15.56	15.64	15.58	17.5	2	
5	16QAM	25	0	15.62	15.80	15.75			
5	64QAM	1	0	15.60	15.60	15.79			
5	64QAM	1	12	15.65	15.57	15.55			
5	64QAM	1	24	15.56	15.53	15.74	17.5	2	
5	64QAM	12	0	14.73	14.72	14.68			
5	64QAM	12	7	14.63	14.68	14.69			
5	64QAM	12	13	14.56	14.68	14.53			
5	64QAM	25	0	14.61	14.74	14.62	16.5	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	

Band 12_DS13 Ant0 for ENDC									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	707.5		
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	21.28	21.36	21.21	23	0	
10	QPSK	1	25	21.24	21.34	21.12			
10	QPSK	1	49	21.22	21.26	21.11			
10	QPSK	25	0	20.19	20.34	20.24			
10	QPSK	25	12	20.16	20.30	20.15	22	1	
10	QPSK	25	25	20.17	20.28	20.10			
10	QPSK	50	0	20.34	20.39	20.28			
10	16QAM	1	0	20.32	20.37	20.19			
10	16QAM	1	25	20.19	20.29	20.09	22	1	
10	16QAM	1	49	20.17	20.22	20.17			
10	16QAM	25	0	19.27	19.25	19.15			
10	16QAM	25	12	19.16	19.21	19.24			
10	16QAM	25	25	19.07	19.23	19.11	21	2	
10	16QAM	50	0	19.39	19.47	19.20			
10	64QAM	1	0	19.37	19.30	19.17			
10	64QAM	1	25	19.18	19.23	19.17			
10	64QAM	1	49	19.08	19.24	19.19	21	2	
10	64QAM	25	0	18.34	18.18	18.13			
10	64QAM	25	12	18.23	18.25	18.15			
10	64QAM	25	25	18.10	18.31	18.05			
10	64QAM	50	0	18.41	18.42	18.16	20	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.14	21.21	21.18	23	0	
5	QPSK	1	12	21.22	21.31	21.10			
5	QPSK	1	24	21.18	21.12	21.03			
5	QPSK	12	0	20.17	20.19	20.16			
5	QPSK	12	7	20.01	20.24	20.07	22	1	
5	QPSK	12	13	20.03	20.24	20.07			
5	QPSK	25	0	20.29	20.28	20.12			
5	16QAM	1	0	20.29	20.31	20.06			
5	16QAM	1	12	20.10	20.19	20.06	22	1	
5	16QAM	1	24	20.04	20.16	20.13			
5	16QAM	12	0	19.17	19.16	19.02			
5	16QAM	12	7	19.09	19.07	19.06			
5	16QAM	12	13	19.05	19.10	19.09	21	2	
5	16QAM	25	0	19.31	19.31	19.11			
5	16QAM	1	0	19.33	19.22	19.03			
5	64QAM	1	12	19.04	19.11	19.09			
5	64QAM	1	24	19.07	19.20	19.16	21	2	
5	64QAM	12	0	18.30	18.13	18.03			
5	64QAM	12	7	18.10	18.09	18.06			
5	64QAM	12	13	18.09	18.26	18.11			
5	64QAM	25	0	18.34	18.28	18.10	20	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	21.10	21.19	21.05	23	0	
3	QPSK	1	8	21.09	21.27	21.05			
3	QPSK	1	14	21.12	21.22	21.06			
3	QPSK	8	0	20.15	20.23	20.13			
3	QPSK	8	4	20.03	20.16	20.10	22	1	
3	QPSK	8	7	20.12	20.11	20.02			
3	QPSK	15	0	20.11	20.13	20.23			
3	16QAM	1	0	20.25	20.27	20.11			
3	16QAM	1	8	20.09	20.22	20.04	22	1	
3	16QAM	1	14	20.06	20.14	20.06			
3	16QAM	8	0	19.18	19.11	19.12			
3	16QAM	8	4	19.00	19.15	19.17			
3	16QAM	8	7	19.06	19.15	19.06	21	2	
3	16QAM	15	0	19.36	19.38	19.05			
3	64QAM	1	0	19.31	19.19	19.07			
3	64QAM	1	8	19.06	19.11	19.04			
3	64QAM	1	14	19.03	19.15	19.14	21	2	
3	64QAM	8	0	18.28	18.13	18.04			
3	64QAM	8	4	18.07	18.13	18.05			
3	64QAM	8	7	18.01	18.17	18.09			
3	64QAM	15	0	18.28	18.34	18.02	20	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	713.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	21.15	21.29	21.10	23	0	
1.4	QPSK	1	3	21.21	21.32	21.10			
1.4	QPSK	1	5	21.07	21.11	21.04			
1.4	QPSK	3	0	21.11	21.18	21.16			
1.4	QPSK	3	1	21.11	21.21	21.06	22	1	
1.4	QPSK	3	3	21.04	21.14	21.07			
1.4	QPSK	6	0	20.29	20.24	20.22			
1.4	16QAM	1	0	20.19	20.31	20.07			
1.4	16QAM	1	3	20.05	20.26	20.07	22	1	
1.4	16QAM	1	5	20.00	20.16	20.00			
1.4	16QAM	3	0	20.25	20.17	20.08			
1.4	16QAM	3	1	20.13	20.07	20.08			
1.4	16QAM	3	3	20.08	20.08	20.06	21	2	
1.4	16QAM	6	0	19.36	19.32	19.12			
1.4	64QAM	1	0	19.19	19.14	19.09			
1.4	64QAM	1	3	19.04	19.14	19.01			
1.4	64QAM	1	5	19.09	19.06	19.03	21	2	
1.4	64QAM	3	0	19.24	19.01	19.10			
1.4	64QAM	3	1	19.11	19.16	19.01			
1.4	64QAM	3	3	19.04	19.14	19.04			
1.4	64QAM	6	0	18.23	18.32	18.11	20	3	



Band 14_DSI3 Ant0 for ENDG									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
10	QPSK	1	0	19.62	19.67	19.69	21.5	0	
10	QPSK	1	25	19.67	19.68	19.63			
10	QPSK	1	49	19.63	19.67	19.69	20.5	1	
10	QPSK	25	0	18.71	18.66	18.64			
10	QPSK	25	12	18.66	18.62	18.52	20.5	1	
10	QPSK	25	25	18.62	18.69	18.63			
10	QPSK	50	0	18.73	18.63	18.63	20.5	1	
10	16QAM	1	0	18.80	18.80	18.80			
10	16QAM	1	25	18.73	18.83	18.83	19.5	2	
10	16QAM	1	49	18.83	18.72	18.72			
10	16QAM	25	0	17.72	17.64	17.64	19.5	2	
10	16QAM	25	12	17.64	17.52	17.52			
10	16QAM	25	25	17.52	17.78	17.78	19.5	2	
10	16QAM	50	0	17.78	17.88	17.88			
10	64QAM	1	0	17.88	17.68	17.68	18.5	3	
10	64QAM	1	25	17.68	17.59	17.59			
10	64QAM	1	49	17.59	16.73	16.73	18.5	3	
10	64QAM	25	0	16.73	16.67	16.67			
10	64QAM	25	12	16.67	16.50	16.50	18.5	3	
10	64QAM	25	25	16.50	16.80	16.80			
10	64QAM	50	0	16.80	16.77	16.77	18.5	3	
10	64QAM	50	0	16.77	16.73	16.72			

Band 17_DSI3 Ant0 for ENDG									
BW [MHz]	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				710	710	713			
10	QPSK	1	0	21.24	21.32	21.23	23	0	
10	QPSK	1	25	21.13	21.21	21.10			
10	QPSK	1	49	21.17	21.23	21.18	22	1	
10	QPSK	25	0	20.34	20.35	20.28			
10	QPSK	25	12	20.20	20.31	20.14	22	1	
10	QPSK	25	25	20.20	20.28	20.21			
10	QPSK	50	0	20.35	20.37	20.29	22	1	
10	16QAM	1	0	20.22	20.29	20.20			
10	16QAM	1	25	20.12	20.29	20.01	21	2	
10	16QAM	1	49	20.22	20.25	20.19			
10	16QAM	25	0	19.28	19.33	19.25	21	2	
10	16QAM	25	12	19.17	19.24	19.11			
10	16QAM	25	25	19.12	19.23	19.26	21	2	
10	16QAM	50	0	19.45	19.41	19.38			
10	64QAM	1	0	19.23	19.20	19.15	21	2	
10	64QAM	1	25	19.21	19.30	19.01			
10	64QAM	1	49	19.23	19.33	19.10	20	3	
10	64QAM	25	0	18.35	18.35	18.24			
10	64QAM	25	12	18.22	18.23	18.07	20	3	
10	64QAM	25	25	18.18	18.29	18.33			
10	64QAM	50	0	18.51	18.35	18.42	20	3	
10	64QAM	50	0	18.35	18.18	18.25			

Band 25_DS13 Ant0 for ENDG									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				26140	26340	26590	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1905			
20	QPSK	1	0	15.12	15.32	14.98	16.5	0	
20	QPSK	1	49	15.22	15.29	15.12			
20	QPSK	1	99	15.14	15.17	15.10			
20	QPSK	50	0	14.25	14.42	14.04	15.5	1	
20	QPSK	50	24	14.36	14.39	14.22			
20	QPSK	50	50	14.05	14.36	14.09			
20	QPSK	100	0	14.29	14.50	14.23	15.5	1	
20	16QAM	1	0	14.38	14.23	14.09			
20	16QAM	1	49	14.15	14.23	13.89			
20	16QAM	1	99	14.27	14.23	14.02	14.5	2	
20	16QAM	50	0	13.48	13.25	13.24			
20	16QAM	50	24	13.36	13.37	13.01			
20	16QAM	50	50	13.29	13.30	13.20	14.5	2	
20	16QAM	100	0	13.37	13.28	13.35			
20	64QAM	1	0	13.34	13.18	13.07			
20	64QAM	1	49	13.27	13.19	13.13	14.5	2	
20	64QAM	1	99	13.28	13.37	12.97			
20	64QAM	50	0	12.31	12.28	12.32			
20	64QAM	50	24	12.21	12.17	11.94	13.5	3	
20	64QAM	50	50	12.28	12.43	12.14			
20	64QAM	100	0	12.25	12.23	12.16			
Channel				26115	26340	26615	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	15.15	15.31	14.96	16.5	0	
15	QPSK	1	37	14.97	15.17	14.99			
15	QPSK	1	74	14.96	15.03	15.03			
15	QPSK	36	0	14.36	14.23	14.01	15.5	1	
15	QPSK	36	20	14.29	14.29	14.02			
15	QPSK	36	39	14.11	14.28	14.00			
15	QPSK	75	0	14.27	14.19	14.07	15.5	1	
15	16QAM	1	0	14.14	14.22	13.94			
15	16QAM	1	37	14.11	14.10	13.91			
15	16QAM	1	74	14.09	14.31	13.91	14.5	2	
15	16QAM	36	0	13.35	13.12	12.92			
15	16QAM	36	20	13.12	13.35	12.91			
15	16QAM	36	39	13.00	13.31	13.03	14.5	2	
15	16QAM	75	0	13.25	13.08	13.19			
15	64QAM	1	0	13.32	13.15	13.03			
15	64QAM	1	37	13.21	13.26	12.99	14.5	2	
15	64QAM	1	74	13.35	13.36	12.90			
15	64QAM	36	0	12.11	12.12	12.08			
15	64QAM	36	20	12.27	12.18	11.81	13.5	3	
15	64QAM	36	39	12.04	12.15	12.01			
15	64QAM	75	0	12.12	12.19	11.94			
Channel				26090	26340	26640	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	15.04	15.20	14.82	16.5	0	
10	QPSK	1	25	15.06	14.96	14.95			
10	QPSK	1	49	14.91	15.08	14.96			
10	QPSK	25	0	14.07	14.27	14.04	15.5	1	
10	QPSK	25	12	13.94	14.17	13.86			
10	QPSK	25	25	13.94	14.03	13.96			
10	QPSK	50	0	14.19	14.12	14.14	15.5	1	
10	16QAM	1	0	13.95	14.17	13.91			
10	16QAM	1	25	13.85	13.98	13.88			
10	16QAM	1	49	14.12	14.24	13.75	14.5	2	
10	16QAM	25	0	13.17	13.10	13.09			
10	16QAM	25	12	13.22	13.27	13.00			
10	16QAM	25	25	12.91	13.32	12.93	14.5	2	
10	16QAM	50	0	13.08	13.09	13.29			
10	64QAM	1	0	13.21	13.11	12.91			
10	64QAM	1	25	12.97	12.94	12.64	14.5	2	
10	64QAM	1	49	13.31	13.13	13.14			
10	64QAM	25	0	12.32	11.94	12.01			
10	64QAM	25	12	12.07	11.84	11.95	13.5	3	
10	64QAM	25	25	11.92	12.09	12.01			
10	64QAM	50	0	11.84	12.04	11.95			
Channel				26055	26340	26655	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	14.94	15.07	14.95	16.5	0	
5	QPSK	1	12	15.02	15.12	15.06			
5	QPSK	1	24	15.03	14.99	15.01			
5	QPSK	12	0	14.17	14.29	13.97	15.5	1	
5	QPSK	12	7	14.15	14.14	14.09			
5	QPSK	12	13	13.83	14.17	13.95			
5	QPSK	25	0	14.20	14.31	14.18	15.5	1	
5	16QAM	1	0	14.17	14.13	13.93			
5	16QAM	1	12	14.11	14.04	13.81			
5	16QAM	1	24	14.07	14.11	13.99	14.5	2	
5	16QAM	12	0	13.21	13.13	13.06			
5	16QAM	12	7	13.28	13.16	12.95			
5	16QAM	12	13	13.22	13.04	13.02	14.5	2	
5	16QAM	25	0	13.19	13.08	13.15			
5	64QAM	1	0	13.18	13.12	13.20			
5	64QAM	1	12	13.06	13.12	12.98	14.5	2	
5	64QAM	1	24	13.11	13.19	12.81			
5	64QAM	12	0	12.09	12.21	12.21			
5	64QAM	12	7	12.11	11.99	12.00	13.5	3	
5	64QAM	12	13	12.14	12.34	11.99			
5	64QAM	25	0	12.16	12.06	12.00			
Channel				26055	26340	26675	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	14.75	14.80	14.76	16.5	0	
3	QPSK	1	8	14.80	15.01	15.01			
3	QPSK	1	14	14.90	14.82	14.95			
3	QPSK	8	0	14.77	14.90	14.76	15.5	1	
3	QPSK	8	4	14.06	13.99	13.83			
3	QPSK	8	7	13.77	13.93	13.75			
3	QPSK	15	0	13.95	14.24	14.12	15.5	1	
3	16QAM	1	0	14.00	13.87	13.71			
3	16QAM	1	8	13.95	13.85	13.58			
3	16QAM	1	14	13.88	13.95	13.94	14.5	2	
3	16QAM	8	0	13.13	12.99	12.96			
3	16QAM	8	4	13.15	13.12	12.74			
3	16QAM	8	7	13.03	13.05	12.92	14.5	2	
3	16QAM	15	0	12.93	13.05	12.99			
3	64QAM	1	0	13.08	13.08	12.66			
3	64QAM	1	8	12.94	13.00	12.79	14.5	2	
3	64QAM	1	14	12.86	12.95	12.62			
3	64QAM	8	0	11.89	11.97	12.11			
3	64QAM	8	4	12.06	11.82	11.79	13.5	3	
3	64QAM	8	7	12.03	12.24	11.78			
3	64QAM	15	0	12.12	11.96	11.87			
Channel				26072	26340	26693	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1914.3			
1.4	QPSK	1	0	14.71	14.86	14.85	16.5	0	
1.4	QPSK	1	3	14.58	14.81	14.81			
1.4	QPSK	1	5	14.77	14.78	14.77			
1.4	QPSK	3	0	14.62	14.61	14.55	15.5	1	
1.4	QPSK	3	1	14.53	14.76	14.73			
1.4	QPSK	3	3	14.66	14.58	14.50			
1.4	QPSK	6	0	13.83	14.08	14.03	15.5	1	
1.4	16QAM	1	0	13.96	13.71	13.58			
1.4	16QAM	1	1	13.70	13.76	13.61			
1.4	16QAM	1	5	13.66	13.86	13.74	15.5	1	
1.4	16QAM	3	0	13.83	13.54	13.51			
1.4	16QAM	3	1	13.61	13.56	13.56			
1.4	16QAM	3	3	13.55	13.67	13.67	14.5	2	
1.4	16QAM	6	0	12.83	12.99	12.87			
1.4	64QAM	1	0	12.87	12.83	12.58			
1.4	64QAM	1	3	12.73	12.92	12.67	14.5	2	
1.4	64QAM	1	5	12.72	12.75	12.59			
1.4	64QAM	3	0	12.68	12.59	12.53			
1.4	64QAM	3	1	12.57	12.77	12.59	13.5	3	
1.4	64QAM	3	3	12.56	12.70	12.51			
1.4	64QAM	6	0	12.08	11.73	11.62			



Band 30_DSI3 Ant0 for ENDC										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				27710			15.5	0		
Frequency (MHz)				2310						
10	QPSK	1	0	13.82						
10	QPSK	1	25	13.78						
10	QPSK	1	49	13.71						
10	QPSK	25	0	12.70						
10	QPSK	25	12	12.66						
10	QPSK	25	25	12.60						
10	QPSK	50	0	12.72						
10	16QAM	1	0	12.77						
Channel				27710			14.5	1		
Frequency (MHz)				2310						
10	16QAM	1	25	12.74						
10	16QAM	1	49	12.74						
10	16QAM	25	0	11.77						
10	16QAM	25	12	11.68						
10	16QAM	25	25	11.58						
10	16QAM	50	0	11.78						
10	64QAM	1	0	11.86						
10	64QAM	1	25	11.64						
Channel				27685			13.5	2		
Frequency (MHz)				2307.5						
10	64QAM	1	49	11.68						
10	64QAM	25	0	10.78						
10	64QAM	25	12	10.58						
10	64QAM	25	25	10.67						
10	64QAM	50	0	10.80						
Channel				27685					12.5	3
Frequency (MHz)				2307.5						
5	QPSK	1	0	13.68	13.75	13.71				
5	QPSK	1	12	13.64	13.75	13.73				
5	QPSK	1	24	13.68	13.56	13.65				
5	QPSK	12	0	12.52	12.67	12.65				
5	QPSK	12	7	12.59	12.81	12.62				
5	QPSK	12	13	12.53	12.54	12.54				
5	QPSK	25	0	12.59	12.66	12.57				
5	16QAM	1	0	12.73	12.67	12.66				
Channel				27685			14.5	1		
Frequency (MHz)				2310						
5	16QAM	1	12	12.61	12.58	12.63				
5	16QAM	1	24	12.70	12.66	12.64				
5	16QAM	12	0	11.70	11.68	11.61				
5	16QAM	12	7	11.52	11.60	11.51				
5	16QAM	12	13	11.54	11.51	11.57				
5	16QAM	25	0	11.70	11.76	11.73				
5	64QAM	1	0	11.72	11.83	11.80				
5	64QAM	1	12	11.59	11.57	11.61				
Channel				27685			13.5	2		
Frequency (MHz)				2310						
5	64QAM	1	24	11.51	11.53	11.58				
5	64QAM	12	0	10.72	10.65	10.60				
5	64QAM	12	7	10.53	10.55	10.57				
5	64QAM	12	13	10.52	10.58	10.59				
5	64QAM	25	0	10.66	10.67	10.75				

Band 66_DS13 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072			16.5	0	
Frequency (MHz)				1720					
20	QPSK	1	0	14.82	15.17	15.12			
20	QPSK	1	49	14.93	15.06	14.85			
20	QPSK	1	99	14.81	15.02	15.05			
20	QPSK	50	0	13.97	14.08	13.79			
20	QPSK	50	24	13.94	14.05	13.73			
20	QPSK	50	50	14.00	14.07	13.70			
20	QPSK	100	0	13.87	13.90	13.85			
20	16QAM	1	0	14.00	14.00	13.83			
20	16QAM	1	49	13.86	14.14	13.97	15.5	1	
20	16QAM	1	99	13.96	13.94	13.83			
20	16QAM	50	0	13.06	12.99	13.00			
20	16QAM	50	24	12.96	12.98	12.59			
20	16QAM	50	50	12.75	13.05	12.97	14.5	2	
20	16QAM	100	0	12.82	12.83	12.78			
20	64QAM	1	0	13.23	13.12	13.08			
20	64QAM	1	49	12.98	13.20	13.00			
20	64QAM	1	99	13.02	12.85	12.97	14.5	2	
20	64QAM	50	0	11.98	11.99	12.08			
20	64QAM	50	24	11.92	11.87	11.72			
20	64QAM	50	50	11.82	11.95	11.81			
20	64QAM	100	0	11.96	12.04	11.97	13.5	3	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	14.68	15.07	14.92	16.5	0	
15	QPSK	1	37	14.86	14.83	14.66			
15	QPSK	1	74	14.61	14.83	14.86			
15	QPSK	36	0	13.72	13.90	13.71			
15	QPSK	36	20	13.75	13.97	13.54	15.5	1	
15	QPSK	36	39	13.77	13.81	13.54			
15	QPSK	75	0	13.83	13.82	13.68			
15	16QAM	1	0	13.75	13.85	13.69			
15	16QAM	1	37	13.69	13.93	13.85	15.5	1	
15	16QAM	1	74	13.90	13.75	13.72			
15	16QAM	36	0	12.98	12.75	12.76			
15	16QAM	36	20	12.82	12.90	12.52			
15	16QAM	36	39	12.89	12.91	12.90	14.5	2	
15	16QAM	75	0	12.74	12.59	12.70			
15	64QAM	1	0	13.12	12.86	12.97			
15	64QAM	1	37	12.79	12.96	12.92			
15	64QAM	1	74	12.95	12.70	12.85	14.5	2	
15	64QAM	36	0	11.89	11.92	11.94			
15	64QAM	36	20	11.86	11.70	11.64			
15	64QAM	36	39	11.76	11.75	11.63			
15	64QAM	75	0	11.91	11.83	11.87	13.5	3	
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	14.59	14.93	14.65	16.5	0	
10	QPSK	1	25	14.67	14.57	14.59			
10	QPSK	1	49	14.52	14.68	14.67			
10	QPSK	25	0	13.55	13.83	13.62			
10	QPSK	25	12	13.59	13.74	13.50	15.5	1	
10	QPSK	25	25	13.55	13.55	13.57			
10	QPSK	50	0	13.80	13.68	13.57			
10	16QAM	1	0	13.62	13.60	13.54			
10	16QAM	1	25	13.57	13.77	13.64	15.5	1	
10	16QAM	1	49	13.77	13.54	13.54			
10	16QAM	25	0	12.86	12.50	12.71			
10	16QAM	25	12	12.59	12.70	12.58			
10	16QAM	25	25	12.57	12.79	12.79	14.5	2	
10	16QAM	50	0	12.56	12.54	12.64			
10	64QAM	1	0	12.87	12.65	12.82			
10	64QAM	1	25	12.68	12.74	12.84			
10	64QAM	1	49	12.84	12.67	12.70	14.5	2	
10	64QAM	25	0	11.86	11.84	11.90			
10	64QAM	25	12	11.63	11.57	11.58			
10	64QAM	25	25	11.62	11.59	11.56			
10	64QAM	50	0	11.66	11.60	11.66	13.5	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	14.53	14.95	14.64	16.5	0	
5	QPSK	1	12	14.51	14.53	14.51			
5	QPSK	1	24	14.57	14.68	14.50			
5	QPSK	12	0	13.56	13.81	13.64			
5	QPSK	12	7	13.58	13.70	13.53	15.5	1	
5	QPSK	12	13	13.52	13.53	13.59			
5	QPSK	25	0	13.82	13.56	13.55			
5	16QAM	1	0	13.58	13.51	13.51			
5	16QAM	1	12	13.59	13.73	13.53	15.5	1	
5	16QAM	1	24	13.56	13.52	13.54			
5	16QAM	12	0	12.81	12.51	12.82			
5	16QAM	12	7	12.61	12.68	12.56			
5	16QAM	12	13	12.58	12.70	12.69	14.5	2	
5	16QAM	25	0	12.55	12.51	12.64			
5	64QAM	1	0	12.82	12.61	12.87			
5	64QAM	1	12	12.61	12.56	12.78			
5	64QAM	1	24	12.86	12.51	12.78	14.5	2	
5	64QAM	12	0	11.79	11.82	11.71			
5	64QAM	12	7	11.51	11.59	11.58			
5	64QAM	12	13	11.58	11.52	11.54			
5	64QAM	25	0	11.67	11.60	11.61	13.5	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	14.52	14.78	14.54	16.5	0	
3	QPSK	1	8	14.55	14.58	14.52			
3	QPSK	1	14	14.51	14.57	14.60			
3	QPSK	8	4	13.56	13.60	13.61			
3	QPSK	8	4	13.52	13.65	13.59	15.5	1	
3	QPSK	8	7	13.54	13.58	13.51			
3	QPSK	15	0	13.64	13.66	13.57			
3	16QAM	1	0	13.59	13.55	13.57			
3	16QAM	1	8	13.58	13.67	13.55	15.5	1	
3	16QAM	1	14	13.68	13.59	13.59			
3	16QAM	8	4	12.82	12.52	12.70			
3	16QAM	8	7	12.51	12.51	12.68			
3	16QAM	8	7	12.57	12.69	12.59	14.5	2	
3	16QAM	15	0	12.58	12.53	12.54			
3	64QAM	1	0	12.80	12.59	12.68			
3	64QAM	1	8	12.67	12.62	12.79			
3	64QAM	1	14	12.68	12.62	12.55	14.5	2	
3	64QAM	8	0	11.77	11.73	11.88			
3	64QAM	8	4	11.52	11.52	11.50			
3	64QAM	8	7	11.59	11.57	11.53			
3	64QAM	15	0	11.55	11.52	11.64	13.5	3	
Channel				131979	132322	132663			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	14.57	14.86	14.51	16.5	0	
1.4	QPSK	1	3	14.56	14.56	14.55			
1.4	QPSK	1	5	14.57	14.51	14.52			
1.4	QPSK	3	0	14.51	14.68	14.55			
1.4	QPSK	3	1	14.52	14.51	14.57	15.5	1	
1.4	QPSK	3	3	14.54	14.52	14.52			
1.4	QPSK	6	0	13.76	13.57	13.57			
1.4	16QAM	1	0	13.55	13.52	13.53			
1.4	16QAM	1	3	13.54	13.70	13.56	15.5	1	
1.4	16QAM	1	5	13.58	13.59	13.53			
1.4	16QAM	3	0	13.55	13.58	13.66			
1.4	16QAM	3	1	13.61	13.78	13.54			
1.4	16QAM	3	3	13.68	13.66	13.56	14.5	2	
1.4	16QAM	6	0	12.57	12.51	12.64			
1.4	64QAM	1	0	12.73	12.61	12.65			
1.4	64QAM	1	3	12.64	12.61	12.78			
1.4	64QAM	1	5	12.81	12.67	12.64	14.5	2	
1.4	64QAM	3	0	12.75	12.51	12.85			
1.4	64QAM	3	1	12.71	12.54	12.61			
1.4	64QAM	3	3	12.87	12.75	12.67			
1.4	64QAM	6	0	11.58	11.57	11.50	13.5	3	



Band 7_DSI7 Ant0 for ENDC												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				20850	21100	21350						
Frequency (MHz)				2510	2535	2560						
20	QPSK	1	0	17.69	17.74	17.68	19.5	0				
20	QPSK	1	49	17.58	17.68	17.55						
20	QPSK	1	99	17.65	17.67	17.64						
20	QPSK	50	0	16.70	16.85	16.80						
20	QPSK	50	24	16.61	16.74	16.77	18.5	1				
20	QPSK	50	50	16.63	16.77	16.75						
20	QPSK	100	0	16.78	16.86	16.75						
20	16QAM	1	0	16.66	16.80	16.75						
20	16QAM	1	49	16.67	16.82	16.83	18.5	1				
20	16QAM	1	99	16.68	16.85	16.82						
20	16QAM	50	0	15.78	15.81	15.88						
20	16QAM	50	24	15.68	15.69	15.73						
20	16QAM	50	50	15.63	15.80	15.68	17.5	2				
20	16QAM	100	0	15.71	15.85	15.80						
20	64QAM	1	0	15.70	15.76	15.83						
20	64QAM	1	49	15.74	15.62	15.62						
20	64QAM	1	99	15.62	15.68	15.77	17.5	2				
20	64QAM	50	0	14.86	14.84	14.85						
20	64QAM	50	24	14.74	14.70	14.75						
20	64QAM	50	50	14.64	14.82	14.59						
20	64QAM	100	0	14.64	14.80	14.73	20825		21375			
Channel				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)				
15	QPSK	1	0	17.54	17.63	17.52	19.5	0				
15	QPSK	1	37	17.53	17.58	17.56						
15	QPSK	1	74	17.50	17.63	17.52						
15	QPSK	36	0	16.62	16.74	16.70						
15	QPSK	36	20	16.50	16.57	16.69	18.5	1				
15	QPSK	36	39	16.60	16.69	16.60						
15	QPSK	75	0	16.68	16.76	16.64						
15	16QAM	1	0	16.57	16.68	16.60						
15	16QAM	1	37	16.64	16.58	16.58	18.5	1				
15	16QAM	1	74	16.62	16.59	16.69						
15	16QAM	36	0	15.66	15.73	15.80						
15	16QAM	36	20	15.66	15.62	15.64						
15	16QAM	36	39	15.60	15.70	15.55	17.5	2				
15	16QAM	75	0	15.59	15.82	15.88						
15	64QAM	1	0	15.59	15.67	15.75						
15	64QAM	1	37	15.59	15.51	15.58						
15	64QAM	1	74	15.56	15.65	15.74	17.5	2				
15	64QAM	36	0	14.70	14.66	14.69						
15	64QAM	36	20	14.58	14.65	14.67						
15	64QAM	36	39	14.53	14.67	14.57						
15	64QAM	75	0	14.61	14.69	14.64	20900		21100		21400	
Channel				2505	2535	2565	Tune-up limit (dBm)	MPR (dB)				
10	QPSK	1	0	17.58	17.61	17.51	19.5	0				
10	QPSK	1	25	17.51	17.56	17.53						
10	QPSK	1	49	17.59	17.59	17.52						
10	QPSK	25	0	16.64	16.69	16.65						
10	QPSK	25	12	16.59	16.56	16.70	18.5	1				
10	QPSK	25	25	16.52	16.63	16.57						
10	QPSK	50	0	16.64	16.78	16.62						
10	16QAM	1	0	16.51	16.77	16.63						
10	16QAM	1	25	16.58	16.50	16.59	18.5	1				
10	16QAM	1	49	16.66	16.61	16.57						
10	16QAM	25	0	15.66	15.76	15.73						
10	16QAM	25	12	15.63	15.56	15.62						
10	16QAM	25	25	15.54	15.76	15.62	17.5	2				
10	16QAM	50	0	15.63	15.74	15.66						
10	64QAM	1	0	15.58	15.66	15.73						
10	64QAM	1	25	15.72	15.50	15.51						
10	64QAM	1	49	15.51	15.51	15.64	16.5	3				
10	64QAM	25	0	14.70	14.66	14.79						
10	64QAM	25	12	14.64	14.55	14.72						
10	64QAM	25	25	14.60	14.69	14.51						
10	64QAM	50	0	14.59	14.65	14.63	20775		21100		21425	
Channel				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)				
5	QPSK	1	0	17.61	17.59	17.64	19.5	0				
5	QPSK	1	12	17.58	17.54	17.53						
5	QPSK	1	24	17.53	17.55	17.50						
5	QPSK	12	0	16.60	16.81	16.65						
5	QPSK	12	7	16.58	16.66	16.65	18.5	1				
5	QPSK	12	13	16.55	16.60	16.62						
5	QPSK	25	0	16.71	16.82	16.71						
5	16QAM	1	0	16.57	16.66	16.62						
5	16QAM	1	12	16.64	16.55	16.57	18.5	1				
5	16QAM	1	24	16.54	16.57	16.68						
5	16QAM	12	0	15.68	15.63	15.92						
5	16QAM	12	7	15.56	15.65	15.56						
5	16QAM	12	13	15.56	15.64	15.58	17.5	2				
5	16QAM	25	0	15.62	15.80	15.75						
5	64QAM	1	0	15.60	15.60	15.79						
5	64QAM	1	12	15.65	15.57	15.55						
5	64QAM	1	24	15.56	15.53	15.74	17.5	2				
5	64QAM	12	0	14.73	14.72	14.68						
5	64QAM	12	7	14.63	14.68	14.69						
5	64QAM	12	13	14.56	14.68	14.53						
5	64QAM	25	0	14.61	14.74	14.62	20775		21100		21425	



Band 30_DSI7 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				27710			14.5	0	
Frequency (MHz)				2310					
10	QPSK	1	0		12.80		13.5	1	
10	QPSK	1	25		12.78				
10	QPSK	1	49		12.71				
10	QPSK	25	0		11.71				
10	QPSK	25	12		11.65		13.5	1	
10	QPSK	25	25		11.67				
10	QPSK	50	0		11.73				
10	16QAM	1	0		11.84				
10	16QAM	1	25		11.89		13.5	1	
10	16QAM	1	49		11.79				
10	16QAM	25	0		10.76				
10	16QAM	25	12		10.69				
10	16QAM	25	25		10.68		12.5	2	
10	16QAM	50	0		10.70				
10	64QAM	1	0		10.92				
10	64QAM	1	25		10.68				
10	64QAM	1	49		10.74		12.5	2	
10	64QAM	25	0		9.82				
10	64QAM	25	12		9.67				
10	64QAM	25	25		9.77				
10	64QAM	50	0		9.71		11.5	3	
Channel				27685	27710	27735			
Frequency (MHz)				2307.5	2310	2312.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	12.68	12.70	12.75	14.5	0	
5	QPSK	1	12	12.72	12.66	12.70			
5	QPSK	1	24	12.64	12.57	12.61			
5	QPSK	12	0	11.54	11.57	11.63			
5	QPSK	12	7	11.54	11.53	11.50	13.5	1	
5	QPSK	12	13	11.57	11.60	11.51			
5	QPSK	25	0	11.69	11.65	11.58			
5	16QAM	1	0	11.76	11.70	11.76			
5	16QAM	1	12	11.51	11.52	11.60	13.5	1	
5	16QAM	1	24	11.64	11.62	11.63			
5	16QAM	12	0	10.67	10.69	10.72			
5	16QAM	12	7	10.57	10.51	10.61			
5	16QAM	12	13	10.58	10.51	10.55	12.5	2	
5	16QAM	25	0	10.51	10.63	10.61			
5	64QAM	1	0	10.81	10.77	10.83			
5	64QAM	1	12	10.56	10.55	10.56			
5	64QAM	1	24	10.58	10.59	10.68	12.5	2	
5	64QAM	12	0	9.78	9.74	9.74			
5	64QAM	12	7	9.58	9.59	9.63			
5	64QAM	12	13	9.72	9.58	9.72			
5	64QAM	25	0	9.52	9.59	9.60	11.5	3	

Band 66_DS17 Ant0 for ENDC									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				132072			16	0	
Frequency (MHz)				1720					
20	QPSK	1	0	14.13	14.36	14.19	15	1	
20	QPSK	1	49	14.11	14.32	14.22			
20	QPSK	1	99	14.11	14.14	14.09			
20	QPSK	50	0	13.13	13.26	13.16			
20	QPSK	50	24	13.07	13.05	13.03	15	1	
20	QPSK	50	50	13.15	13.12	13.09			
20	QPSK	100	0	13.05	13.09	13.08			
20	16QAM	1	0	13.25	13.32	13.27			
20	16QAM	1	49	13.16	13.34	13.01	15	1	
20	16QAM	1	99	13.06	13.30	13.02			
20	16QAM	50	0	12.28	12.30	12.16			
20	16QAM	50	24	12.16	12.19	12.18			
20	16QAM	50	50	12.16	12.15	12.11	14	2	
20	16QAM	100	0	12.07	12.12	12.11			
20	64QAM	1	0	12.30	12.31	12.15			
20	64QAM	1	49	12.02	12.29	12.20			
20	64QAM	1	99	12.15	12.20	12.15	14	2	
20	64QAM	50	0	11.15	11.15	11.27			
20	64QAM	50	24	11.25	11.18	11.03			
20	64QAM	50	50	11.04	11.15	11.14			
20	64QAM	100	0	11.20	11.29	11.20	13	3	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	14.08	14.44	14.31	16	0	
15	QPSK	1	37	14.15	14.37	14.24			
15	QPSK	1	74	14.28	14.10	14.24			
15	QPSK	36	0	13.12	13.22	13.17			
15	QPSK	36	20	13.19	13.06	13.00	15	1	
15	QPSK	36	39	13.19	13.11	13.15			
15	QPSK	75	0	13.09	13.03	13.23			
15	16QAM	1	0	13.34	13.33	13.40			
15	16QAM	1	37	13.25	13.35	13.29	15	1	
15	16QAM	1	74	13.04	13.32	13.10			
15	16QAM	36	0	12.31	12.31	12.13			
15	16QAM	36	20	12.13	12.09	12.13			
15	16QAM	36	39	12.13	12.12	12.20	14	2	
15	16QAM	75	0	12.04	12.18	12.07			
15	64QAM	1	0	12.38	12.30	12.14			
15	64QAM	1	37	12.07	12.38	12.35			
15	64QAM	1	74	12.21	12.27	12.12	14	2	
15	64QAM	36	0	11.09	11.29	11.36			
15	64QAM	36	20	11.28	11.29	11.02			
15	64QAM	36	39	11.05	11.32	11.04			
15	64QAM	75	0	11.29	11.25	11.27	13	3	
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	14.17	14.33	14.13	16	0	
10	QPSK	1	25	14.13	14.30	14.31			
10	QPSK	1	49	14.25	14.10	14.06			
10	QPSK	25	0	13.28	13.39	13.11			
10	QPSK	25	12	13.09	13.06	13.08	15	1	
10	QPSK	25	25	13.13	13.28	13.16			
10	QPSK	50	0	13.07	13.21	13.18			
10	16QAM	1	0	13.40	13.33	13.38			
10	16QAM	1	25	13.11	13.48	13.07	15	1	
10	16QAM	1	49	13.10	13.26	13.07			
10	16QAM	25	0	12.31	12.25	12.18			
10	16QAM	25	12	12.17	12.08	12.01			
10	16QAM	25	25	12.30	12.23	12.19	14	2	
10	16QAM	50	0	12.24	12.12	12.09			
10	64QAM	1	0	12.42	12.42	12.22			
10	64QAM	1	25	12.14	12.28	12.14			
10	64QAM	1	49	12.10	12.22	12.13	13	3	
10	64QAM	25	0	11.20	11.20	11.27			
10	64QAM	25	12	11.26	11.15	11.19			
10	64QAM	25	25	11.02	11.15	11.07			
10	64QAM	50	0	11.22	11.38	11.25	13	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	14.11	14.30	14.25	16	0	
5	QPSK	1	12	14.05	14.14	14.12			
5	QPSK	1	24	14.23	14.29	14.27			
5	QPSK	12	0	13.29	13.38	13.09			
5	QPSK	12	7	13.04	13.09	13.07	15	1	
5	QPSK	12	13	13.29	13.38	13.09			
5	QPSK	25	0	13.04	13.09	13.01			
5	16QAM	1	0	13.30	13.24	13.22			
5	16QAM	1	12	13.06	13.38	13.15	15	1	
5	16QAM	1	24	13.23	13.17	13.22			
5	16QAM	12	0	12.15	12.05	12.19			
5	16QAM	12	7	12.03	12.06	12.01			
5	16QAM	12	13	12.11	12.19	12.20	14	2	
5	16QAM	25	0	12.03	12.06	12.01			
5	64QAM	1	0	12.35	12.23	12.08			
5	64QAM	1	12	12.35	12.23	12.08			
5	64QAM	1	24	12.35	12.23	12.08	14	2	
5	64QAM	1	12	11.03	11.03	11.26			
5	64QAM	12	7	11.17	11.06	11.16			
5	64QAM	12	13	11.11	11.21	11.13			
5	64QAM	25	0	11.11	11.21	11.13	13	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	14.18	14.24	14.22	16	0	
3	QPSK	1	8	14.23	14.24	14.14			
3	QPSK	1	14	14.18	14.24	14.22			
3	QPSK	8	0	13.14	13.25	13.10			
3	QPSK	8	4	13.16	13.17	13.07	15	1	
3	QPSK	8	7	13.18	13.17	13.02			
3	QPSK	16	0	13.14	13.25	13.10			
3	16QAM	1	0	13.28	13.26	13.35			
3	16QAM	1	8	13.07	13.41	13.05	15	1	
3	16QAM	1	14	13.08	13.09	13.08			
3	16QAM	8	0	12.26	12.16	12.10			
3	16QAM	8	4	12.09	12.04	12.03			
3	16QAM	8	7	12.26	12.24	12.14	14	2	
3	16QAM	16	0	12.26	12.03	12.15			
3	64QAM	1	0	12.25	12.36	12.00			
3	64QAM	1	8	12.06	12.15	12.05			
3	64QAM	1	14	12.07	12.07	12.08	14	2	
3	64QAM	8	0	11.09	11.10	11.25			
3	64QAM	8	4	11.24	11.17	11.03			
3	64QAM	8	7	11.08	11.09	11.06			
3	64QAM	16	0	11.14	11.33	11.25	13	3	
Channel				131979	132322	132665			
Frequency (MHz)				1719.7	1745	1779.3	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	14.38	14.44	14.12	16	0	
1.4	QPSK	1	3	14.13	14.44	14.34			
1.4	QPSK	1	5	14.29	14.12	14.16			
1.4	QPSK	3	0	14.13	14.44	14.34			
1.4	QPSK	3	1	14.29	14.12	14.16	15	1	
1.4	QPSK	3	3	14.13	14.44	14.34			
1.4	QPSK	6	0	13.26	13.19	13.36			
1.4	16QAM	1	0	13.48	13.46	13.55			
1.4	16QAM	1	3	13.27	13.61	13.25	15	1	
1.4	16QAM	1	5	13.19	13.29	13.19			
1.4	16QAM	3	0	13.48	13.40	13.55			
1.4	16QAM	3	1	13.27	13.61	13.25			
1.4	16QAM	3	3	13.19	13.29	13.19	14	2	
1.4	64QAM	1	0	12.46	12.23	12.15			
1.4	64QAM	1	0	12.45	12.56	12.20			
1.4	64QAM	1	3	12.19	12.35	12.25			
1.4	64QAM	1	5	12.15	12.27	12.28	14	2	
1.4	64QAM	3	0	12.45	12.56	12.20			
1.4	64QAM	3	1	12.19	12.36	12.25			
1.4	64QAM	3	3	12.15	12.27	12.28			
1.4	64QAM	6	0	11.34	11.53	11.45	13	3	



Band 12_Default&DSI6 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23090	23095	23150	24	0
Frequency (MHz)				705	707.5	711		
10	QPSK	1	0	22.83	22.94	22.88	23	1
10	QPSK	1	25	22.74	22.87	22.77		
10	QPSK	1	49	22.68	22.83	22.71		
10	QPSK	25	0	21.78	22.02	21.88		
10	QPSK	25	12	21.74	21.98	21.77		
10	QPSK	25	25	21.79	21.91	21.78	23	1
10	QPSK	50	0	21.76	22.01	21.87		
10	16QAM	1	0	21.84	21.93	21.78		
10	16QAM	1	25	21.88	22.02	21.91		
10	16QAM	1	49	21.81	21.92	21.80		
10	16QAM	25	0	20.88	21.02	20.87	22	2
10	16QAM	25	12	20.77	20.87	20.75		
10	16QAM	25	25	20.78	20.91	20.80		
10	16QAM	50	0	20.84	20.95	20.85		
10	64QAM	1	0	20.77	20.90	20.78		
10	64QAM	1	25	20.86	20.99	20.84	22	2
10	64QAM	1	49	20.80	20.92	20.83		
10	64QAM	25	0	19.87	19.99	19.88		
10	64QAM	25	12	19.78	19.86	19.79		
10	64QAM	25	25	19.75	19.87	19.74		
10	64QAM	50	0	19.86	19.95	19.82	21	3
10	64QAM	50	0	19.86	19.95	19.82		
Channel				23035	23095	23155	24	0
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	0	22.75	22.87	22.81	23	1
5	QPSK	1	12	22.66	22.76	22.64		
5	QPSK	1	24	22.57	22.72	22.60		
5	QPSK	12	0	21.70	21.95	21.79		
5	QPSK	12	7	21.61	21.79	21.66		
5	QPSK	12	13	21.70	21.83	21.68	23	1
5	QPSK	25	0	21.63	21.90	21.76		
5	16QAM	1	0	21.73	21.83	21.66		
5	16QAM	1	12	21.80	21.89	21.83		
5	16QAM	1	24	21.74	21.85	21.73		
5	16QAM	12	0	20.77	20.95	20.79	22	2
5	16QAM	12	7	20.68	20.79	20.69		
5	16QAM	12	13	20.68	20.81	20.68		
5	16QAM	25	0	20.73	20.85	20.74		
5	64QAM	1	0	20.65	20.81	20.67		
5	64QAM	1	12	20.74	20.88	20.76	22	2
5	64QAM	1	24	20.70	20.84	20.72		
5	64QAM	12	0	19.75	19.93	19.76		
5	64QAM	12	7	19.69	19.76	19.71		
5	64QAM	12	13	19.68	19.76	19.66		
5	64QAM	25	0	19.77	19.85	19.69	21	3
5	64QAM	25	0	19.77	19.85	19.69		
Channel				23025	23095	23165	24	0
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.76	22.82	22.81	23	1
3	QPSK	1	8	22.65	22.79	22.67		
3	QPSK	1	14	22.56	22.73	22.64		
3	QPSK	8	0	21.70	21.93	21.78		
3	QPSK	8	4	21.63	21.80	21.67		
3	QPSK	8	7	21.69	21.82	21.66	23	1
3	QPSK	15	0	21.65	21.90	21.77		
3	16QAM	1	0	21.74	21.81	21.66		
3	16QAM	1	8	21.80	21.92	21.84		
3	16QAM	1	14	21.73	21.82	21.71		
3	16QAM	8	0	20.78	20.90	20.77	22	2
3	16QAM	8	4	20.67	20.77	20.67		
3	16QAM	8	7	20.68	20.79	20.70		
3	16QAM	15	0	20.72	20.83	20.78		
3	64QAM	1	0	20.67	20.79	20.70		
3	64QAM	1	8	20.75	20.87	20.73	22	2
3	64QAM	1	14	20.70	20.83	20.76		
3	64QAM	8	0	19.75	19.88	19.76		
3	64QAM	8	4	19.70	19.74	19.68		
3	64QAM	8	7	19.68	19.79	19.66		
3	64QAM	15	0	19.77	19.85	19.71	21	3
3	64QAM	15	0	19.77	19.85	19.71		
Channel				23017	23095	23173	24	0
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.72	22.83	22.75	24	0
1.4	QPSK	1	3	22.64	22.77	22.64		
1.4	QPSK	1	5	22.57	22.73	22.60		
1.4	QPSK	3	0	22.65	22.93	22.75		
1.4	QPSK	3	1	22.64	22.80	22.70		
1.4	QPSK	3	3	22.65	22.80	22.64	23	1
1.4	QPSK	6	0	21.69	21.91	21.77		
1.4	16QAM	1	0	21.72	21.84	21.64		
1.4	16QAM	1	3	21.78	21.93	21.78		
1.4	16QAM	1	5	21.72	21.78	21.65		
1.4	16QAM	3	0	21.77	21.87	21.76	22	2
1.4	16QAM	3	1	21.63	21.79	21.69		
1.4	16QAM	3	3	21.66	21.82	21.70		
1.4	16QAM	6	0	20.74	20.86	20.72		
1.4	64QAM	1	0	20.63	20.83	20.68		
1.4	64QAM	1	3	20.74	20.91	20.76	22	2
1.4	64QAM	1	5	20.67	20.78	20.72		
1.4	64QAM	3	0	20.76	20.92	20.76		
1.4	64QAM	3	1	20.63	20.77	20.67		
1.4	64QAM	3	3	20.64	20.74	20.61		
1.4	64QAM	6	0	19.72	19.84	19.74	21	3

Band 13_Default&DSI6 Ant1 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				23290	23330	23390	24	0
Frequency (MHz)				782	782	782		
10	QPSK	1	0	23.07	23.07	23.07	23	1
10	QPSK	1	25	23.04	23.04	23.04		
10	QPSK	1	49	22.95	22.95	22.95		
10	QPSK	25	0	22.12	22.12	22.12		
10	QPSK	25	12	22.02	22.02	22.02		
10	QPSK	25	25	22.06	22.06	22.06	22	2
10	QPSK	50	0	21.99	21.99	21.99		
10	16QAM	1	0	22.13	22.13	22.13		
10	16QAM	1	25	22.16	22.16	22.16		
10	16QAM	1	49	22.02	22.02	22.02		
10	16QAM	25	0	20.87	20.87	20.87	22	2
10	16QAM	25	12	21.01	21.01	21.01		
10	16QAM	25	25	21.09	21.09	21.09		
10	16QAM	50	0	20.97	20.97	20.97		
10	64QAM	1	0	21.08	21.08	21.08		
10	64QAM	1	25	21.09	21.09	21.09	21	3
10	64QAM	1	49	20.94	20.94	20.94		
10	64QAM	25	0	19.86	19.86	19.86		
10	64QAM	25	12	20.01	20.01	20.01		
10	64QAM	25	25	20.09	20.09	20.09		
10	64QAM	50	0	19.94	19.94	19.94	24	0
10	64QAM	50	0	19.94	19.94	19.94		
Channel				23205	23290	23355	24	0
Frequency (MHz)				779.5	782	784.5		
5	QPSK	1	0	22.95	23.00	22.94	23	1
5	QPSK	1	12	22.97	22.96	22.90		
5	QPSK	1	24	22.80	22.85	22.82		
5	QPSK	12	0	22.04	21.97	22.05		
5	QPSK	12	7	21.88	21.93	21.90		
5	QPSK	12	13	21.98	21.98	21.99	23	1
5	QPSK	25	0	21.87	21.88	21.89		
5	16QAM	1	0	22.00	22.03	22.03		
5	16QAM	1	12	22.02	22.07	22.08		
5	16QAM	1	24	21.93	21.90	21.92		
5	16QAM	12	0	20.73	20.78	20.77	22	2
5	16QAM	12	7	20.89	20.88	20.86		
5	16QAM	12	13	20.99	20.97	20.99		
5	16QAM	25	0	20.85	20.85	20.86		
5	64QAM	1	0	20.95	20.90	20.94		
5	64QAM	1	12	20.97	21.01	20.95	22	2
5	64QAM	1	24	20.86	20.83	20.84		
5	64QAM	12	0	19.79	19.73	19.73		
5	64QAM	12	7	19.89	19.91	19.87		
5	64QAM	12	13	19.98	19.95	20.02		
5	64QAM	25	0	19.85	19.80	19.81	21	3
5	64QAM	25	0	19.85	19.80	19.81		

Band 14_Default&DSI6 Ant1 for ENDC

BW [MHz]</



Band 26_Default&DSI6 Ant1 for ENDC										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				26765	26865	26965				
Frequency (MHz)				831.5	831.5	841.5				
15	QPSK	1	0	23.14	23.17	23.05	24	0		
15	QPSK	1	37	23.07	22.97	22.76				
15	QPSK	1	74	23.12	22.95	22.81				
15	QPSK	36	0	22.06	22.08	21.96	23	1		
15	QPSK	36	20	21.94	21.83	21.85				
15	QPSK	36	59	21.81	21.69	21.86				
15	QPSK	72	0	22.06	22.03	21.77	23	1		
15	16QAM	1	0	22.01	22.03	21.77				
15	16QAM	1	37	22.06	22.02	21.75				
15	16QAM	1	74	21.85	21.69	21.74	22	2		
15	16QAM	36	0	21.80	21.79	21.60				
15	16QAM	36	20	21.84	21.71	21.61				
15	16QAM	36	39	21.71	21.63	21.60	22	2		
15	16QAM	75	0	21.52	21.55	21.66				
15	64QAM	1	0	21.18	21.37	21.21				
15	64QAM	1	37	21.27	21.22	21.04	22	2		
15	64QAM	1	74	20.91	21.00	20.99				
15	64QAM	36	0	20.98	20.99	20.81				
15	64QAM	36	20	20.68	20.77	20.71	21	3		
15	64QAM	36	39	20.81	20.79	20.67				
15	64QAM	75	0	20.31	20.50	20.69				
Channel				26740	26865	26990	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				819	831.5	844				
10	QPSK	1	0	22.95	23.08	23.04	24	0		
10	QPSK	1	25	23.05	22.94	22.87				
10	QPSK	1	49	22.93	22.82	22.78				
10	QPSK	25	0	22.02	21.97	21.79	23	1		
10	QPSK	25	12	21.79	21.73	21.80				
10	QPSK	25	25	21.65	21.54	21.67				
10	QPSK	50	0	22.10	21.90	21.73	23	1		
10	16QAM	1	0	21.85	22.03	21.55				
10	16QAM	1	25	21.95	21.82	21.55				
10	16QAM	1	49	21.64	21.58	21.58	22	2		
10	16QAM	25	0	21.67	21.76	21.41				
10	16QAM	25	12	21.67	21.69	21.46				
10	16QAM	25	25	21.56	21.47	21.42	22	2		
10	16QAM	50	0	21.51	21.34	21.60				
10	84QAM	1	0	21.14	21.25	21.19				
10	64QAM	1	25	21.11	21.13	20.97	22	2		
10	64QAM	1	49	20.81	20.82	20.82				
10	64QAM	25	0	20.76	21.00	20.63				
10	64QAM	25	12	20.68	20.62	20.69	21	3		
10	64QAM	25	25	20.60	20.69	20.60				
10	64QAM	50	0	20.28	20.41	20.67				
Channel				26715	26865	27015	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				816.5	831.5	846.5				
5	QPSK	1	0	22.74	22.93	22.83	24	0		
5	QPSK	1	12	22.93	22.69	22.54				
5	QPSK	1	24	22.68	22.56	22.65				
5	QPSK	12	0	21.78	21.80	21.62	23	1		
5	QPSK	12	7	21.60	21.57	21.62				
5	QPSK	12	13	21.50	21.41	21.41				
5	QPSK	25	0	21.85	21.78	21.53	23	1		
5	16QAM	1	0	21.61	21.76	21.35				
5	16QAM	1	12	21.76	21.65	21.38				
5	16QAM	1	24	21.37	21.32	21.46	22	2		
5	16QAM	12	0	21.54	21.55	21.26				
5	16QAM	12	7	21.47	21.53	21.30				
5	16QAM	12	13	21.33	21.21	21.18	22	2		
5	16QAM	25	0	21.37	21.11	21.33				
5	64QAM	1	0	20.95	20.98	20.96				
5	64QAM	1	12	20.98	20.86	20.76	22	2		
5	64QAM	1	24	20.55	20.69	20.54				
5	64QAM	12	0	20.49	20.76	20.41				
5	64QAM	12	7	20.47	20.48	20.56	21	3		
5	64QAM	12	13	20.37	20.52	20.38				
5	64QAM	25	0	20.12	20.15	20.53				
Channel				26705	26865	27025	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				815.5	831.5	847.5				
3	QPSK	1	0	22.47	22.79	22.64	24	0		
3	QPSK	1	14	22.79	22.47	22.39				
3	QPSK	1	14	22.52	22.41	22.38				
3	QPSK	8	0	21.63	21.56	21.43	23	1		
3	QPSK	8	4	21.38	21.37	21.50				
3	QPSK	8	7	21.36	21.27	21.28				
3	QPSK	15	0	21.68	21.61	21.35	23	1		
3	16QAM	1	0	21.34	21.63	21.13				
3	16QAM	1	8	21.51	21.38	21.25				
3	16QAM	1	14	21.20	21.17	21.31	22	2		
3	16QAM	8	0	21.26	21.35	21.02				
3	16QAM	8	4	21.21	21.39	21.06				
3	16QAM	8	7	21.08	21.05	21.03	22	2		
3	16QAM	15	0	21.21	20.88	21.19				
3	64QAM	1	0	20.74	20.72	20.84				
3	64QAM	1	8	20.70	20.66	20.59	22	2		
3	64QAM	1	14	20.43	20.43	20.41				
3	64QAM	8	0	20.34	20.59	20.14				
3	64QAM	8	4	20.32	20.26	20.35	21	3		
3	64QAM	8	7	20.13	20.37	20.21				
3	64QAM	15	0	19.94	19.89	20.34				
Channel				26907	26985	27033	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				814.7	831.5	848.3				
1.4	QPSK	1	0	22.44	22.57	22.44	24	0		
1.4	QPSK	1	3	22.40	22.08	22.23				
1.4	QPSK	1	5	22.51	22.24	22.21				
1.4	QPSK	3	0	22.33	22.45	22.29	23	1		
1.4	QPSK	3	1	22.24	22.00	22.06				
1.4	QPSK	3	3	22.48	22.07	22.08				
1.4	QPSK	6	0	21.50	21.28	21.20	23	1		
1.4	16QAM	1	0	21.41	21.14	21.00				
1.4	16QAM	1	3	21.30	21.25	21.13				
1.4	16QAM	1	5	21.15	21.13	21.09	23	1		
1.4	16QAM	3	0	21.16	21.20	21.03				
1.4	16QAM	3	1	21.16	21.05	21.08				
1.4	16QAM	3	3	21.06	21.09	21.08	22	2		
1.4	16QAM	6	0	21.01	20.77	20.88				
1.4	64QAM	1	0	20.54	20.53	20.57				
1.4	64QAM	1	3	20.52	20.59	20.32	22	2		
1.4	64QAM	1	5	20.32	20.46	20.26				
1.4	64QAM	3	0	20.37	20.23	20.49				
1.4	64QAM	3	1	20.07	20.13	20.01	21	3		
1.4	64QAM	3	3	20.25	20.17	20.07				
1.4	64QAM	6	0	19.76	19.70	19.98	21	3		

Band 48_DIS2 Ant2 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	17.55	17.63	17.75	17.66		
20	QPSK	1	49	17.64	17.56	17.71	17.51		
20	QPSK	1	99	17.50	17.60	17.65	17.41	18.5	0
20	QPSK	50	0	16.54	16.56	16.73	16.57		
20	QPSK	50	24	16.49	16.54	16.70	16.51		
20	QPSK	50	50	16.61	16.55	16.64	16.60		
20	QPSK	100	0	16.48	16.52	16.56	16.52	17.5	1
20	16QAM	1	0	16.46	16.49	16.60	16.51		
20	16QAM	1	49	16.60	16.65	16.68	16.66		
20	16QAM	1	99	16.56	16.49	16.61	16.57		
20	16QAM	50	0	15.51	15.56	15.66	15.59	16.5	2
20	16QAM	50	24	15.65	15.67	15.70	15.54		
20	16QAM	50	50	15.61	15.47	15.60	15.60		
20	16QAM	100	0	15.60	15.53	15.61	15.58		
20	64QAM	1	0	15.14	15.22	15.32	15.24	16.5	2
20	64QAM	1	49	15.13	15.11	15.25	15.20		
20	64QAM	1	99	15.15	15.15	15.23	15.18		
20	64QAM	50	0	14.63	14.47	14.59	14.54		
20	64QAM	50	24	14.51	14.65	14.63	14.50	15.5	3
20	64QAM	50	50	14.55	14.48	14.61	14.54		
20	64QAM	100	0	14.54	14.56	14.69	14.60		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	17.57	17.60	17.65	17.67	18.5	0
15	QPSK	1	37	17.65	17.61	17.68	17.54		
15	QPSK	1	74	17.49	17.55	17.59	17.41		
15	QPSK	36	0	16.50	16.59	16.60	16.58		
15	QPSK	36	20	16.52	16.53	16.64	16.60	17.5	1
15	QPSK	36	39	16.56	16.56	16.57	16.54		
15	QPSK	75	0	16.51	16.46	16.63	16.51		
15	16QAM	1	0	16.51	16.44	16.56	16.52		
15	16QAM	1	37	16.65	16.61	16.71	16.62	17.5	1
15	16QAM	1	74	16.55	16.51	16.67	16.58		
15	16QAM	36	0	15.50	15.53	15.66	15.53		
15	16QAM	36	20	15.58	15.67	15.62	15.51		
15	16QAM	36	39	15.55	15.47	15.67	15.61	16.5	2
15	16QAM	75	0	15.53	15.59	15.66	15.49		
15	64QAM	1	0	15.13	15.18	15.31	15.34		
15	64QAM	1	37	15.14	15.20	15.31	15.19		
15	64QAM	1	74	15.13	15.10	15.28	15.23	16.5	2
15	64QAM	36	0	14.63	14.51	14.68	14.49		
15	64QAM	36	20	14.56	14.64	14.61	14.47		
15	64QAM	36	39	14.61	14.55	14.67	14.60		
15	64QAM	75	0	14.56	14.55	14.66	14.53	15.5	3
Channel				55290	55815	56165	56690		
Frequency (MHz)				3565	3607.5	3642.5	3695		
10	QPSK	1	0	17.52	17.66	17.64	17.65	18.5	0
10	QPSK	1	25	17.57	17.55	17.60	17.58		
10	QPSK	1	49	17.60	17.54	17.59	17.43		
10	QPSK	25	0	16.53	16.58	16.66	16.61		
10	QPSK	25	12	16.57	16.54	16.58	16.56	17.5	1
10	QPSK	25	25	16.51	16.61	16.64	16.59		
10	QPSK	50	0	16.58	16.51	16.62	16.46		
10	16QAM	1	0	16.54	16.48	16.59	16.44		
10	16QAM	1	25	16.63	16.61	16.72	16.63	17.5	1
10	16QAM	1	49	16.55	16.50	16.68	16.51		
10	16QAM	25	0	15.51	15.51	15.67	15.59		
10	16QAM	25	12	15.63	15.60	15.62	15.53		
10	16QAM	25	25	15.61	15.52	15.68	15.60	16.5	2
10	16QAM	50	0	15.57	15.63	15.64	15.52		
10	64QAM	1	0	15.24	15.17	15.34	15.28		
10	64QAM	1	25	15.13	15.11	15.33	15.24		
10	64QAM	1	49	15.18	15.05	15.27	15.16	16.5	2
10	64QAM	25	0	14.57	14.51	14.62	14.59		
10	64QAM	25	12	14.48	14.61	14.60	14.51		
10	64QAM	25	25	14.57	14.52	14.62	14.52		
10	64QAM	50	0	14.51	14.50	14.68	14.56	15.5	3
Channel				55265	55810	56170	56715		
Frequency (MHz)				3562.5	3607	3643	3697.5		
5	QPSK	1	0	17.47	17.69	17.69	17.60	18.5	0
5	QPSK	1	12	17.56	17.59	17.63	17.57		
5	QPSK	1	24	17.60	17.61	17.58	17.43		
5	QPSK	12	0	16.52	16.62	16.67	16.58		
5	QPSK	12	7	16.56	16.47	16.55	16.54	17.5	1
5	QPSK	12	13	16.56	16.51	16.59	16.50		
5	QPSK	25	0	16.57	16.47	16.61	16.50		
5	16QAM	1	0	16.56	16.43	16.60	16.45		
5	16QAM	1	12	16.69	16.62	16.70	16.60	17.5	1
5	16QAM	1	24	16.58	16.56	16.68	16.62		
5	16QAM	12	0	15.52	15.53	15.56	15.57		
5	16QAM	12	7	15.56	15.63	15.64	15.58		
5	16QAM	12	13	15.56	15.54	15.62	15.63	16.5	2
5	16QAM	25	0	15.55	15.59	15.65	15.60		
5	64QAM	1	0	15.22	15.25	15.27	15.32		
5	64QAM	1	12	15.17	15.13	15.25	15.24		
5	64QAM	1	24	15.18	15.09	15.27	15.14	16.5	2
5	64QAM	12	0	14.57	14.56	14.60	14.56		
5	64QAM	12	7	14.52	14.59	14.64	14.56		
5	64QAM	12	13	14.57	14.54	14.67	14.55		
5	64QAM	25	0	14.57	14.50	14.60	14.59	15.5	3

Band 48_DIS3 Ant2 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	16.06	16.07	16.26	16.17	17	0
20	QPSK	1	49	16.07	16.12	16.24	15.98		
20	QPSK	1	99	15.96	15.90	16.00	15.89		
20	QPSK	50	0	14.96	15.04	15.10	14.90		
20	QPSK	50	24	14.95	14.90	15.04	14.98	16	1
20	QPSK	50	50	14.98	14.95	15.02	15.04		
20	QPSK	100	0	14.89	14.84	15.19	15.01		
20	16QAM	1	0	15.06	15.00	15.15	15.04		
20	16QAM	1	49	15.15	15.10	15.07	15.02	16	1
20	16QAM	1	99	15.00	15.01	14.99	15.06		
20	16QAM	50	0	13.97	13.98	14.00	14.13		
20	16QAM	50	24	13.96	14.08	14.14	14.12		
20	16QAM	50	50	14.12	13.99	14.16	13.96	15	2
20	16QAM	100	0	13.95	14.08	14.02	13.94		
20	64QAM	1	0	13.67	13.74	13.88	13.69		
20	64QAM	1	49	13.56	13.68	13.80	13.80		
20	64QAM	1	99	13.74	13.65	13.65	13.69	14	3
20	64QAM	50	0	13.11	13.04	13.18	13.03		
20	64QAM	50	24	13.10	13.00	13.22	13.06		
20	64QAM	50	50	13.13	12.95	13.17	13.12		
20	64QAM	100	0	13.07	12.93	13.01	13.13		
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3608	3642	3692.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	15.98	16.03	16.22	16.21	17	0
15	QPSK	1	37	16.13	15.99	16.18	16.02		
15	QPSK	1	74	15.96	15.93	16.16	15.82		
15	QPSK	36	0	14.92	15.14	15.13	14.90		
15	QPSK	36	20	15.07	14.97	15.12	14.92	16	1
15	QPSK	36	39	15.07	14.90	15.16	14.95		
15	QPSK	75	0	14.97	15.05	15.02	15.05		
15	16QAM	1	0	14.92	14.80	14.96	14.85		
15	16QAM	1	37	15.20	15.15	15.25	15.16	16	1
15	16QAM	1	74	15.05	15.01	15.15	15.13		
15	16QAM	36	0	14.09	14.09	14.00	13.99		
15	16QAM	36	20	14.13	14.16	14.22	13.97		
15	16QAM	36	39	14.09	14.01	14.16	14.04	15	2
15	16QAM	75	0	13.99	13.95	14.20	14.06		
15	64QAM	1	0	13.69	13.57	13.69	13.77		
15	64QAM	1	37	13.80	13.62	13.86	13.79		
15	64QAM	1	74	13.59	13.59	13.67	13.57	14	3
15	64QAM	36	0	12.96	12.90	13.08	12.93		
15	64QAM	36	20	12.98	12.95	13.00	12.96		
15	64QAM	36	39	12.92	13.04	13.03	12.93		
15	64QAM	75	0	12.95	13.05	13.01	13.07		
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	15.96	15.92	16.02	16.02	17	0
10	QPSK	1	25	15.90	16.00	16.02	15.92		
10	QPSK	1	49	16.02	16.00	16.02	15.91		
10	QPSK	25	0	14.92	15.03	14.96	14.89		
10	QPSK	25	12	14.97	14.91	15.00	14.95	16	1
10	QPSK	25	25	14.86	15.02	14.92	15.05		
10	QPSK	50	0	14.84	14.92	14.96	14.97		
10	16QAM	1	0	14.79	14.75	15.10	14.81		
10	16QAM	1	25	15.01	14.94	15.18	14.95	16	1
10	16QAM	1	49	15.04	14.87	15.03	14.87		
10	16QAM	25	0	14.00	13.85	14.05	13.85		
10	16QAM	25	12	13.94	14.10	14.04	13.95		
10	16QAM	25	25	13.92	13.79	14.08	13.92	15	2
10	16QAM	50	0	13.96	14.03	14.15	13.84		
10	64QAM	1	0	13.63	13.73	13.68	13.60		
10	64QAM	1	25	13.50	13.48	13.58	13.62		
10	64QAM	1	49	13.66	13.55	13.65	13.63	15	2
10	64QAM	25	0	13.08	13.00	12.91	12.95		
10	64QAM	25	12	12.94	12.93	13.14	12.81		
10	64QAM	25	25	13.02	12.84	13.11	13.07		
10	64QAM	50	0	13.02	12.86	12.93	12.87		
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	16.04	16.13	16.02	16.04	17	0
5	QPSK	1	12	15.90	15.96	16.15	15.92		
5	QPSK	1	24	15.97	15.87	16.05	15.96		
5	QPSK	12	0	14.79	15.01	15.12	15.03		
5	QPSK	12	7	15.02	14.88	15.12	15.03	16	1
5	QPSK	12	13	15.08	14.97	15.08	14.97		
5	QPSK	25	0	14.91	14.92	14.95	14.85		
5	16QAM	1	0	14.81	14.78	15.04	14.96		
5	16QAM	1	12	15.00	14.97	15.12	15.01	16	1
5	16QAM	1	24	14.89	14.91	15.10	14.90		
5	16QAM	12	0	13.91	13.84	13.94	13.99		
5	16QAM	12	7	13.94	14.06	13.96	13.95		
5	16QAM	12	13	14.09	13.79	14.01	13.99	15	2
5	16QAM	25	0	14.00	14.08	14.12	14.01		
5	64QAM	1	0	13.58	13.69	13.69	13.80		
5	64QAM	1	12	13.56	13.62	13.66	13.53		
5	64QAM	1	24	13.56	13.49	13.62	13.48	14	3
5	64QAM	12	0	13.03	12.95	13.06	13.01		
5	64QAM	12	7	12.96	13.01	13.13	12.92		
5	64QAM	12	13	12.90	12.94	13.18	12.97		
5	64QAM	25	0	12.84	12.84	13.13	12.87		
Channel				55240	55815	56170	56715		
Frequency (MHz)				3550	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)

Band 48_DIS7 Ant2 for ENDC

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.38	15.64	15.76	15.67	16.5	0
20	QPSK	1	49	15.61	15.57	15.69	15.55		
20	QPSK	1	99	15.44	15.60	15.75	15.44		
20	QPSK	50	0	14.38	14.66	14.71	14.60	15.5	1
20	QPSK	50	24	14.44	14.58	14.70	14.63		
20	QPSK	50	50	14.56	14.53	14.70	14.57		
20	QPSK	100	0	14.53	14.51	14.72	14.48		
20	16QAM	1	0	14.47	14.44	14.59	14.47	15.5	1
20	16QAM	1	49	14.56	14.73	14.70	14.58		
20	16QAM	1	99	14.52	14.57	14.74	14.63		
20	16QAM	50	0	13.42	13.55	13.71	13.64	14.5	2
20	16QAM	50	24	13.55	13.62	13.67	13.59		
20	16QAM	50	50	13.50	13.45	13.73	13.60		
20	16QAM	100	0	13.45	13.66	13.68	13.64		
20	64QAM	1	0	13.07	13.31	13.46	13.29	14.5	2
20	64QAM	1	49	13.04	13.16	13.29	13.32		
20	64QAM	1	99	13.10	13.16	13.29	13.14		
20	64QAM	50	0	12.54	12.57	12.77	12.60	13.5	3
20	64QAM	50	24	12.44	12.58	12.78	12.46		
20	64QAM	50	50	12.50	12.58	12.76	12.51		
20	64QAM	100	0	12.48	12.54	12.69	12.64		
Channel				55315	55820	56160	56665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	15.33	15.51	15.75	15.61	16.5	0
15	QPSK	1	37	15.42	15.46	15.59	15.52		
15	QPSK	1	74	15.33	15.43	15.66	15.35		
15	QPSK	36	0	14.32	14.58	14.70	14.47	15.5	1
15	QPSK	36	20	14.38	14.41	14.66	14.51		
15	QPSK	36	39	14.35	14.42	14.61	14.58		
15	QPSK	75	0	14.33	14.47	14.66	14.45		
15	16QAM	1	0	14.28	14.40	14.51	14.53	15.5	1
15	16QAM	1	37	14.51	14.58	14.66	14.62		
15	16QAM	1	74	14.41	14.41	14.62	14.52		
15	16QAM	36	0	13.46	13.45	13.61	13.53	14.5	2
15	16QAM	36	20	13.52	13.50	13.68	13.46		
15	16QAM	36	39	13.46	13.43	13.71	13.62		
15	16QAM	75	0	13.38	13.52	13.69	13.56		
15	64QAM	1	0	12.98	13.18	13.28	13.15	14.5	2
15	64QAM	1	37	12.97	13.03	13.27	13.19		
15	64QAM	1	74	13.10	12.99	13.31	13.15		
15	64QAM	36	0	12.44	12.48	12.66	12.47		
15	64QAM	36	20	12.38	12.55	12.60	12.46	13.5	3
15	64QAM	36	39	12.49	12.48	12.64	12.45		
15	64QAM	75	0	12.32	12.53	12.63	12.50		
Channel				55290	55815	56165	56690	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.31	15.61	15.67	15.53	16.5	0
10	QPSK	1	25	15.46	15.49	15.72	15.51		
10	QPSK	1	49	15.34	15.54	15.53	15.37		
10	QPSK	25	0	14.41	14.60	14.62	14.50	15.5	1
10	QPSK	25	12	14.40	14.41	14.62	14.48		
10	QPSK	25	25	14.43	14.44	14.65	14.50		
10	QPSK	50	0	14.40	14.45	14.61	14.38		
10	16QAM	1	0	14.36	14.46	14.54	14.41	15.5	1
10	16QAM	1	25	14.49	14.63	14.66	14.59		
10	16QAM	1	49	14.40	14.50	14.59	14.43		
10	16QAM	25	0	13.40	13.45	13.64	13.53		
10	16QAM	25	12	13.39	13.55	13.71	13.48	14.5	2
10	16QAM	25	25	13.51	13.36	13.66	13.62		
10	16QAM	50	0	13.33	13.55	13.61	13.46		
10	64QAM	1	0	12.99	13.13	13.25	13.16		
10	64QAM	1	25	13.07	13.15	13.34	13.22	14.5	2
10	64QAM	1	49	13.05	13.03	13.25	13.18		
10	64QAM	25	0	12.44	12.49	12.66	12.53		
10	64QAM	25	12	12.32	12.56	12.61	12.52		
10	64QAM	25	25	12.46	12.44	12.73	12.51	13.5	3
10	64QAM	50	0	12.36	12.39	12.70	12.46		
Channel				55265	55810	56170	56715	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	15.33	15.58	15.62	15.55	16.5	0
5	QPSK	1	12	15.45	15.59	15.61	15.60		
5	QPSK	1	24	15.47	15.45	15.55	15.43		
5	QPSK	12	0	14.37	14.45	14.68	14.44	15.5	1
5	QPSK	12	7	14.33	14.51	14.54	14.56		
5	QPSK	12	13	14.46	14.45	14.68	14.59		
5	QPSK	25	0	14.32	14.38	14.60	14.47		
5	16QAM	1	0	14.34	14.44	14.65	14.41	15.5	1
5	16QAM	1	12	14.49	14.57	14.66	14.49		
5	16QAM	1	24	14.41	14.50	14.68	14.46		
5	16QAM	12	0	13.41	13.55	13.57	13.48	14.5	2
5	16QAM	12	7	13.44	13.52	13.71	13.50		
5	16QAM	12	13	13.50	13.42	13.69	13.53		
5	16QAM	25	0	13.43	13.49	13.68	13.50		
5	64QAM	1	0	13.01	13.17	13.27	13.27	14.5	2
5	64QAM	1	12	13.10	13.10	13.31	13.24		
5	64QAM	1	24	12.96	13.01	13.32	13.16		
5	64QAM	12	0	12.38	12.44	12.69	12.51		
5	64QAM	12	7	12.44	12.55	12.71	12.50	13.5	3
5	64QAM	12	13	12.47	12.52	12.63	12.48		
5	64QAM	25	0	12.33	12.40	12.60	12.60		



Intra Band UL CA

Ant 0 Full Power

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	22.58	24.00
132322	132520	QPSK	1	99	1	0	2	0	22.61	24.00
132572	132374	QPSK	1	0	1	99	2	0	22.46	24.00

Ant 0 Full Power

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	22.71	24.00
20525	20597	QPSK	1	49	1	0	2	0	22.73	24.00
20600	20528	QPSK	1	0	1	24	2	0	22.65	24.00

Ant 0 Full Power

CA_66B										
Combination 15MHz+5MHz (75RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132047	132140	QPSK	1	74	1	0	2	0	22.37	24.00
132322	132415	QPSK	1	74	1	0	2	0	22.44	24.00
132597	132504	QPSK	1	0	1	24	2	0	22.32	24.00

Ant 0 Full Power

CA_41C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	2	0	22.35	24.00
40620	40818	QPSK	1	99	1	0	2	0	22.61	24.00
41490	41292	QPSK	1	0	1	99	2	0	22.56	24.00

Ant 2 Full Power

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	23.08	24.00
56150	56348	QPSK	1	99	1	0	2	0	23.05	24.00
56640	56442	QPSK	1	0	1	99	2	0	23.06	24.00

Ant 0 Full Power

CA_41C PC2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39948	QPSK	1	99	1	0	2	0	24.21	27.00
40620	40818	QPSK	1	99	1	0	2	0	24.34	27.00
41490	41292	QPSK	1	0	1	99	2	0	24.28	27.00
CA_41C PC2										
Combination 20MHz+15MHz (100RB+75RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
39750	39921	QPSK	1	99	1	0	2	0	25.31	27.00
40620	40791	QPSK	1	99	1	0	2	0	25.24	27.00
41490	41319	QPSK	1	0	1	74	2	0	25.44	27.00

Ant 2 Full Power

CA_48B										
Combination 10MHz+10MHz (50RB+50RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55290	55389	QPSK	1	49	1	0	2	0	22.72	24.00
56165	56264	QPSK	1	49	1	0	2	0	22.78	24.00
56690	56591	QPSK	1	0	1	49	2	0	22.97	24.00



Ant 0 Sensor on

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	17.56	19.00
132322	132520	QPSK	1	99	1	0	2	0	17.62	19.00
132572	132374	QPSK	1	0	1	99	2	0	17.53	19.00

Ant 0 Headheld on

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	19.78	21.50
132322	132520	QPSK	1	99	1	0	2	0	19.91	21.50
132572	132374	QPSK	1	0	1	99	2	0	19.69	21.50

Ant 2 Handheld on

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	21.13	22.00
56150	56348	QPSK	1	99	1	0	2	0	20.98	22.00
56640	56442	QPSK	1	0	1	99	2	0	20.93	22.00

Ant 2 Receiver on

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	20.46	21.50
56150	56348	QPSK	1	99	1	0	2	0	20.51	21.50
56640	56442	QPSK	1	0	1	99	2	0	20.43	21.50

Ant 0 Sensor on

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	21.52	23.00
20525	20597	QPSK	1	49	1	0	2	0	21.48	23.00
20600	20528	QPSK	1	0	1	24	2	0	21.59	23.00

Ant 0 Hotspot on

CA_66C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
132072	132270	QPSK	1	99	1	0	2	0	16.31	18.00
132322	132520	QPSK	1	99	1	0	2	0	16.49	18.00
132572	132374	QPSK	1	0	1	99	2	0	16.46	18.00

Ant 2 Sensor on

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	19.56	20.50
56150	56348	QPSK	1	99	1	0	2	0	19.52	20.50
56640	56442	QPSK	1	0	1	99	2	0	19.51	20.50

Hotspot Ant 2

CA_48C										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
55340	55538	QPSK	1	99	1	0	2	0	19.03	20.00
56150	56348	QPSK	1	99	1	0	2	0	19.14	20.00
56640	56442	QPSK	1	0	1	99	2	0	18.96	20.00

Ant 0 Hotspot on

CA_5B										
Combination 10MHz+5MHz (50RB+25RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20450	20522	QPSK	1	49	1	0	2	0	21.13	22.50
20525	20597	QPSK	1	49	1	0	2	0	21.11	22.50
20600	20528	QPSK	1	0	1	24	2	0	21.07	22.50



Full Power Mode for 5GNR

n2 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 37300	Power Middle Ch./Freq. 37600	Power High Ch./Freq. 37900	Tune-up limit (dBm)	MPR (dB)
Channel				1865	1880	1895		
Frequency (MHz)				1865	1880	1895		
30	PI2 BPSK	1	1	22.35	22.49	22.38		
30	PI2 BPSK	1	80	22.54	22.58	22.36	24.0	0.0
30	PI2 BPSK	1	158	22.35	22.37	22.27		
30	PI2 BPSK	80	0	22.06	22.03	22.05	23.5	0.5
30	PI2 BPSK	80	40	22.48	22.57	22.46	24.0	0.0
30	PI2 BPSK	80	80	21.85	21.85	21.72	23.5	0.5
30	PI2 BPSK	160	0	21.89	22.01	21.86		
30	QPSK	1	1	22.42	22.60	22.37		
30	QPSK	1	80	22.48	22.53	22.46	24.0	0.0
30	QPSK	1	158	22.25	22.43	22.20		
30	QPSK	80	0	21.96	21.82	21.38	1.0	23.0
30	QPSK	80	40	22.59	22.60	22.49	0.0	24.0
30	QPSK	80	80	21.23	21.22	21.25	1.0	23.0
30	QPSK	160	0	21.50	21.55	21.52	1.0	23.0
30	16QAM	1	1	21.00	21.14	21.10	23.0	1.0
30	16QAM	1	1	19.86	19.82	19.97	21.5	2.5
30	256QAM	1	1	18.31	18.44	18.30	19.5	4.5
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1822.5	1830	1837.5		
25	PI2 BPSK	1	1	22.35	22.37	22.31	24.0	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1820	1830	1840		
20	PI2 BPSK	1	1	22.45	22.52	22.43		
20	PI2 BPSK	1	53	22.55	22.63	22.51	24.0	0.0
20	PI2 BPSK	1	104	22.37	22.44	22.36		
20	PI2 BPSK	50	0	22.18	22.08	22.09	23.5	0.5
20	PI2 BPSK	50	28	22.55	22.64	22.53	24.0	0.0
20	PI2 BPSK	50	56	21.86	21.96	21.84	23.5	0.5
20	PI2 BPSK	150	0	22.01	22.09	21.98		
20	QPSK	1	1	22.49	22.67	22.46		
20	QPSK	1	53	22.57	22.68	22.54	24.0	0.0
20	QPSK	1	104	22.35	22.44	22.37		
20	QPSK	50	0	21.69	21.64	21.49	23.0	1.0
20	QPSK	50	28	22.68	22.69	22.63	24.0	0.0
20	QPSK	50	56	21.38	21.46	21.33	23.0	1.0
20	QPSK	150	0	21.85	21.68	21.52		
20	16QAM	1	1	21.11	21.23	21.10	23.0	1.0
20	16QAM	1	1	19.70	19.77	19.64	21.5	2.5
20	256QAM	1	1	18.33	18.44	18.31	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5		
15	PI2 BPSK	1	1	22.42	22.48	22.39	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI2 BPSK	1	1	22.31	22.36	22.44	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI2 BPSK	1	1	22.46	22.53	22.47	24.0	0.0

n5 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 16700	Power Middle Ch./Freq. 167300	Power High Ch./Freq. 167600	Tune-up limit (dBm)	MPR (dB)
Channel				834.5				
Frequency (MHz)				834.5				
25	PI2 BPSK	1	1	22.84				
25	PI2 BPSK	1	67	22.92			24.0	0.0
25	PI2 BPSK	1	131	22.77				
25	PI2 BPSK	64	0	22.42			23.5	0.5
25	PI2 BPSK	64	32	22.91			24.0	0.0
25	PI2 BPSK	64	64	22.36			23.5	0.5
25	PI2 BPSK	128	0	22.44				
25	QPSK	1	1	22.99			24.0	0.0
25	QPSK	1	67	22.87				
25	QPSK	1	131	22.71				
25	QPSK	64	0	22.01			23.0	1.0
25	QPSK	64	32	22.76			24.0	0.0
25	QPSK	64	64	21.87			23.0	1.0
25	QPSK	128	0	21.99				
25	16QAM	1	1	21.64			23.0	1.0
25	16QAM	1	1	20.18			21.5	2.5
25	256QAM	1	1	18.76			19.5	4.5
Channel				166800	167200	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	835.5	837		
20	QPSK	1	1	22.02	22.71	22.54	24.0	0.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	22.80	22.88	22.75	24.0	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	QPSK	1	1	22.45	22.53	22.67	24.0	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	22.49	22.83	22.77	24.0	0.0

n12 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq. 141300	Power Middle Ch./Freq. 141500	Power High Ch./Freq. 141700	Tune-up limit (dBm)	MPR (dB)
Channel				706.5	707.5	708.5		
Frequency (MHz)				706.5	707.5	708.5		
15	PI2 BPSK	1	1	22.72	22.86	22.78		
15	PI2 BPSK	1	40	22.83	22.88	22.86	24.0	0.0
15	PI2 BPSK	1	77	22.76	22.69	22.73		
15	PI2 BPSK	36	0	22.53	22.63	22.55	23.5	0.5
15	PI2 BPSK	36	22	23.02	23.12	22.88	24.0	0.0
15	PI2 BPSK	36	43	22.52	22.61	22.54		
15	PI2 BPSK	75	0	22.54	22.64	22.51	23.5	0.5
15	QPSK	1	1	22.68	23.15	22.89		
15	QPSK	1	40	22.97	23.05	22.93	24.0	0.0
15	QPSK	1	77	22.73	22.88	22.80		
15	QPSK	36	0	22.17	22.16	22.14	23.0	1.0
15	QPSK	36	22	23.06	23.13	23.11	24.0	0.0
15	QPSK	36	43	22.10	22.14	22.03	23.0	1.0
15	QPSK	75	0	22.18	22.24	22.22		
15	16QAM	1	1	21.72	21.84	21.69	23.0	1.0
15	16QAM	1	1	20.12	20.21	20.06	21.5	2.5
15	256QAM	1	1	18.69	18.80	18.66	19.5	4.5
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				704	707.5	711		
10	QPSK	1	1	22.17	22.93	22.72	24.0	0.0
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				701.5	707.5	713.5		
5	QPSK	1	1	22.87	23.02	22.93	24.0	0.0

n14 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				793					
Frequency (MHz)				793					
10	PI2 BPSK	1	1		22.90				
10	PI2 BPSK	1	26		22.91		24.0	0.0	
10	PI2 BPSK	1	50		22.95				
10	PI2 BPSK	25	0		22.38		23.5	0.5	
10	PI2 BPSK	25	14		22.89		24.0	0.0	
10	PI2 BPSK	25	27		22.33		23.5	0.5	
10	PI2 BPSK	50	0		22.37				
10	QPSK	1	1		22.94				
10	QPSK	1	26		22.86		24.0	0.0	
10	QPSK	1	50		22.70				
10	QPSK	25	0		21.91		23.0	1.0	
10	QPSK	25	14		22.92		24.0	0.0	
10	QPSK	25	27		21.82		23.0	1.0	
10	QPSK	50	0		21.85				
10	16QAM	1	1		21.57		23.0	1.0	
10	16QAM	1	1		20.12		21.5	2.5	
10	256QAM	1	1		18.75		19.5	4.5	
Channel				158190	168600	169100	Tune-up limit	MPR	
Frequency (MHz)				790.5	793	799.5	(dBm)	(dB)	
5	QPSK	1	1		22.24	22.50	22.37	24.0	

n25 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1869	1889.5	1896			
40	PI2 BPSK	1	1		22.09	22.04	22.03	24.0	0.0
40	PI2 BPSK	1	108		22.53	22.66	22.53		
40	PI2 BPSK	1	214		22.06	22.12	22.04		
40	PI2 BPSK	108	0		21.86	21.99	21.88	23.5	0.5
40	PI2 BPSK	108	54		22.53	22.67	22.56	24.0	0.0
40	PI2 BPSK	108	108		22.02	22.14	22.02	23.5	0.5
40	PI2 BPSK	216	0		21.95	22.08	21.99		
40	QPSK	1	1		22.63	22.72	22.56	24.0	0.0
40	QPSK	1	108		22.16	22.09	22.04		
40	QPSK	1	214		22.04	22.12	22.01		
40	QPSK	108	0		21.41	21.45	21.36	23.0	1.0
40	QPSK	108	54		22.62	22.74	22.66	24.0	0.0
40	QPSK	108	108		22.51	22.58	22.47	23.0	1.0
40	QPSK	216	0		21.81	21.85	21.82		
40	16QAM	1	1		21.17	21.16	21.19	23.0	1.0
40	64QAM	1	1		19.68	19.79	19.71	21.5	2.5
40	256QAM	1	1		17.95	18.03	17.96	19.5	4.5
Channel				373000	376500	380000	Tune-up limit	MPR	
Frequency (MHz)				1865	1892.5	1900	(dBm)	(dB)	
30	QPSK	1	1		22.08	22.05	22.21	24.0	0.0
Channel				372000	376500	380000	Tune-up limit	MPR	
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)	
25	QPSK	1	1		22.18	22.45	22.32	24.0	0.0
Channel				372000	376500	381000	Tune-up limit	MPR	
Frequency (MHz)				1860	1882.5	1905	(dBm)	(dB)	
20	QPSK	1	1		22.11	22.41	22.37	24.0	0.0
Channel				371500	376500	381500	Tune-up limit	MPR	
Frequency (MHz)				1857.5	1882.5	1907.5	(dBm)	(dB)	
15	QPSK	1	1		22.40	22.48	22.38	24.0	0.0
Channel				371000	376500	382000	Tune-up limit	MPR	
Frequency (MHz)				1855	1882.5	1910	(dBm)	(dB)	
10	QPSK	1	1		22.26	22.38	22.33	24.0	0.0
Channel				370500	376500	382500	Tune-up limit	MPR	
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)	
5	QPSK	1	1		22.37	22.53	22.49	24.0	0.0

n26 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				164	166300	167800			
Frequency (MHz)				834	831.5	836			
20	PI2 BPSK	1	1	22.75	22.86	22.78			
20	PI2 BPSK	1	53	22.88	22.97	22.84	24.0	0.0	
20	PI2 BPSK	1	104	22.67	22.73	22.60			
20	PI2 BPSK	50	0	22.33	22.46	22.38	23.5	0.0	
20	PI2 BPSK	50	23	22.89	23.01	22.84	24.0	0.0	
20	PI2 BPSK	50	56	22.24	22.38	22.28	23.5	0.5	
20	PI2 BPSK	100	0	22.35	22.44	22.36			
20	QPSK	1	1	22.92	23.08	22.87			
20	QPSK	1	53	22.80	22.89	22.75			
20	QPSK	1	104	22.66	22.75	22.65			
20	QPSK	50	0	21.82	21.95	21.85	23.0	1.0	
20	QPSK	50	23	22.93	23.07	22.99			
20	QPSK	50	56	21.82	21.88	21.75	23.0	1.0	
20	QPSK	100	0	22.02	22.11	21.99			
20	16QAM	1	1	21.46	21.58	21.49	23.0	1.0	
20	64QAM	1	1	20.10	20.18	20.08	21.5	2.5	
20	256QAM	1	1	18.61	18.75	18.66	19.5	4.5	
Channel				164300	166300	168300			
Frequency (MHz)				821.5	831.5	841.5	(dBm)		
15	PI2 BPSK	1	1	22.75	22.86	22.82	24.0	0.0	
Channel				163800	166300	168800			
Frequency (MHz)				819	831.5	841	(dBm)		
10	PI2 BPSK	1	1	22.68	22.77	22.71	24.0	0.0	
Channel				163300	166300	169300			
Frequency (MHz)				816.5	831.5	846.5	(dBm)		
5	PI2 BPSK	1	1	22.81	22.88	22.74	24.0	0.0	



n30 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1300					
Frequency (MHz)				22.30					
10	PI2 BPSK	1	1		22.30			24.0	0.0
10	PI2 BPSK	1	26		22.48				
10	PI2 BPSK	1	50		22.30				
10	PI2 BPSK	25	0		21.92		23.5	0.5	
10	PI2 BPSK	25	14		22.51		24.0	0.0	
10	PI2 BPSK	25	27		21.90		23.5	0.5	
10	PI2 BPSK	50	0		21.90				
10	QPSK	1	1		22.57			24.0	0.0
10	QPSK	1	26		22.30				
10	QPSK	1	50		22.32				
10	QPSK	25	0		21.34		23.0	1.0	
10	QPSK	25	14		22.45		24.0	0.0	
10	QPSK	25	27		21.41		23.0	1.0	
10	QPSK	50	0		21.40				
10	16QAM	1	1		21.02		23.0	1.0	
10	16QAM	1	1		19.60		21.5	2.5	
10	256QAM	1	1		18.20		19.5	4.5	
Channel				461500	462000	462500	Tune-up limit	MPR	
Frequency (MHz)				2207.5	2210	2212.5	(dBm)	(dB)	
5	QPSK	1	1	22.41	22.52	22.40	24.0	0.0	

n66 Ant0									
BW (MHz)	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	349600	352000			
Frequency (MHz)				1700	1745	1760			
40	PI2 BPSK	1	1	22.27	22.36	22.26		24.0	0.0
40	PI2 BPSK	1	108	22.32	22.46	22.37			
40	PI2 BPSK	1	214	22.15	22.37	22.20			
40	PI2 BPSK	108	0	21.29	21.41	21.28	23.5	0.5	
40	PI2 BPSK	108	54	22.26	22.39	22.29	24.0	0.0	
40	PI2 BPSK	108	108	21.30	21.45	21.37	23.5	0.5	
40	PI2 BPSK	216	0	21.31	21.43	21.34			
40	QPSK	1	1	22.36	22.54	22.33		24.0	0.0
40	QPSK	1	108	22.15	22.18	22.14			
40	QPSK	1	214	22.24	22.26	22.21			
40	QPSK	108	0	21.16	21.19	21.16	23.0	1.0	
40	QPSK	108	54	22.52	22.63	22.49	24.0	0.0	
40	QPSK	108	108	20.97	20.95	20.76	23.0	1.0	
40	QPSK	216	0	21.69	21.74	21.63			
40	16QAM	1	1	20.41	20.52	20.40	23.0	1.0	
40	64QAM	1	1	19.03	19.17	19.05	21.5	2.5	
40	256QAM	1	1	17.69	17.77	17.64	19.5	4.5	
Channel				345000	349600	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	QPSK	1	1	22.09	22.03	22.12	24.0	0.0	
Channel				344900	349600	353000	Tune-up limit	MPR	
Frequency (MHz)				1722.5	1745	1727.5	(dBm)	(dB)	
25	QPSK	1	1	22.13	22.17	22.09	24.0	0.0	
Channel				344900	349600	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	QPSK	1	1	22.06	22.22	22.15	24.0	0.0	
Channel				343500	346000	354000	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	QPSK	1	1	22.17	22.23	22.21	24.0	0.0	
Channel				343500	346000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	QPSK	1	1	22.09	22.24	22.18	24.0	0.0	
Channel				342500	349600	355000	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	QPSK	1	1	22.01	22.15	22.12	24.0	0.0	

n70 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1100.5					
Frequency (MHz)				22.97					
15	PI2 BPSK	1	1		22.97			24.0	0.0
15	PI2 BPSK	1	40		22.83				
15	PI2 BPSK	1	77		22.51				
15	PI2 BPSK	36	0		22.41		23.5	0.5	
15	PI2 BPSK	36	22		22.98		24.0	0.0	
15	PI2 BPSK	36	43		22.48		23.5	0.5	
15	PI2 BPSK	75	0		22.44				
15	QPSK	1	1		22.95			24.0	0.0
15	QPSK	1	40		22.88				
15	QPSK	1	77		22.62				
15	QPSK	36	0		22.86		23.0	1.0	
15	QPSK	36	22		23.01		24.0	0.0	
15	QPSK	36	43		21.95		23.0	1.0	
15	QPSK	75	0		21.92				
15	16QAM	1	1		21.68		23.0	1.0	
15	64QAM	1	1		20.11		21.5	2.5	
15	256QAM	1	1		19.94		19.5	4.5	
Channel				340000	340500	341000	Tune-up limit	MPR	
Frequency (MHz)				1700	1702.5	1705	(dBm)	(dB)	
10	QPSK	1	26	22.92	22.97	22.80	24.0	0.0	
Channel				339500	340500	341500	Tune-up limit	MPR	
Frequency (MHz)				1697.5	1702.5	1707.5	(dBm)	(dB)	
5	QPSK	1	13	22.83	22.83	22.88	24.0	0.0	

n71 Ant0								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Media Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	24.0	0.0
Frequency (MHz)				68.5	68.5	68.5		
20	PI2 BPSK	1	1	22.75	22.83	22.74	24.0	0.0
20	PI2 BPSK	1	53	22.86	22.94	22.84		
20	PI2 BPSK	1	104	22.75	22.88	22.78	23.5	0.5
20	PI2 BPSK	50	0	22.15	22.29	22.18		
20	PI2 BPSK	50	28	22.83	22.98	22.85	24.0	0.0
20	PI2 BPSK	50	56	22.85	22.95	22.81	23.5	0.5
20	PI2 BPSK	100	0	22.24	22.32	22.18		
20	QPSK	1	1	22.84	23.13	22.85	24.0	0.0
20	QPSK	1	53	22.75	22.88	22.79		
20	QPSK	1	104	22.70	22.85	22.75	23.0	1.0
20	QPSK	50	0	21.73	21.84	21.77		
20	QPSK	50	28	22.95	23.05	23.02	24.0	0.0
20	QPSK	50	56	22.86	22.95	22.89	23.0	1.0
20	QPSK	100	0	22.12	22.15	21.95		
20	16QAM	1	1	21.46	21.58	21.43	23.0	1.0
20	64QAM	1	1	20.03	20.12	20.01	21.5	2.5
20	256QAM	1	1	18.64	18.76	18.68	19.5	4.5
Channel				134100	136100	138100	Tune-up limit	MPR
Frequency (MHz)				670.5	690.5	690.5	(dBm)	(dB)
15	QPSK	1	1	22.76	22.83	22.69	24.0	0.0
Channel				133600	136100	138600	Tune-up limit	MPR
Frequency (MHz)				628	680.5	690	(dBm)	(dB)
10	QPSK	1	1	22.68	22.78	22.71	24.0	0.0
Channel				133100	136100	139100	Tune-up limit	MPR
Frequency (MHz)				660.5	680.5	690.5	(dBm)	(dB)
0	QPSK	1	1	22.62	22.72	22.68	24.0	0.0

n41 PC3 Ant0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.01	22.12	22.09			
100	PI/2 BPSK	1	137	22.92	22.99	22.87	23.5	0.5	
100	PI/2 BPSK	1	271	22.06	22.04	22.03			
100	PI/2 BPSK	135	0	22.47	22.57	22.45			
100	PI/2 BPSK	135	69	22.83	22.92	22.85	24.0	0.0	
100	PI/2 BPSK	135	138	22.55	22.69	22.61	23.5	0.5	
100	PI/2 BPSK	270	0	22.51	22.61	22.47			
100	QPSK	1	1	22.97	22.98	22.92			
100	QPSK	1	137	22.01	22.11	22.04	24.0	0.0	
100	QPSK	1	271	22.06	22.01	22.08			
100	QPSK	135	0	22.49	22.59	22.46			
100	QPSK	135	69	22.79	23.08	22.84	24.0	0.0	
100	QPSK	135	138	22.51	22.63	22.54	23.0	1.0	
100	QPSK	270	0	22.52	22.62	22.56			
100	16QAM	1	1	21.94	22.10	21.84	23.0	1.0	
100	64QAM	1	1	21.48	21.47	21.40	21.5	2.5	
100	256QAM	1	1	18.11	18.25	18.18	19.5	4.5	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	22.62	22.74	22.54		24.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.56	22.68	22.56		24.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.60	22.74	22.60		24.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.60	22.73	22.63		24.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.60	22.69	22.63		24.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.61	22.70	22.61		24.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.56	22.76	22.61		24.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.63	22.75	22.55		24.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.56	22.73	22.63		24.0	

n41 PC2 Ant0									
BW [MHz]	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	2546.01	2640	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.89	26.15	25.93			
100	PI/2 BPSK	1	137	25.85	26.00	25.79	27.0	0.0	
100	PI/2 BPSK	1	271	25.81	26.11	25.89			
100	PI/2 BPSK	135	0	25.88	26.01	25.87			
100	PI/2 BPSK	135	69	25.65	25.78	25.83	26.5	0.5	
100	PI/2 BPSK	135	138	25.74	25.94	25.80			
100	PI/2 BPSK	270	0	25.62	25.83	25.69			
100	QPSK	1	1	26.16	26.38	26.24	27.0	0.0	
100	QPSK	1	137	15.27	25.06	25.02			
100	QPSK	1	271	25.35	25.41	25.19			
100	QPSK	135	0	24.57	24.79	24.60	26.0	1.0	
100	QPSK	135	69	26.10	26.34	26.06			
100	QPSK	135	138	24.67	24.85	24.73			
100	QPSK	270	0	24.71	24.78	24.60	26.0	1.0	
100	16QAM	1	1	24.30	24.49	24.46			
100	64QAM	1	1	22.03	22.15	21.97		24.5	
100	256QAM	1	1	20.61	20.72	20.53	22.5	4.5	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	25.86	25.98	25.87		27.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.79	25.86	25.82		27.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.74	25.79	25.97		27.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.86	26.03	25.88		27.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.79	25.98	25.96		27.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.77	25.79	25.99		27.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.83	25.88	25.94		27.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	25.83	25.87	25.83		27.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.88	25.79	25.93		27.0	



n2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372500	376000	379500			
Frequency (MHz)				16700	16700	16700			
30	PI2 BPSK	1	1	22.85	22.91	22.85	24.0	0.0	
30	PI2 BPSK	1	80	22.88	23.07	22.84	24.0		
30	PI2 BPSK	1	158	22.78	22.87	22.81			
30	PI2 BPSK	80	0	22.38	22.95	22.38	23.5	0.5	
30	PI2 BPSK	80	40	23.01	23.01	22.98	24.0	0.0	
30	PI2 BPSK	80	80	22.27	22.33	22.31	23.5	0.5	
30	PI2 BPSK	160	0	22.33	22.43	22.31			
30	QPSK	1	1	22.97	23.00	22.94			
30	QPSK	1	80	22.89	23.04	22.92	24.0	0.0	
30	QPSK	1	158	22.72	22.92	22.79	1.0	23.0	
30	QPSK	80	0	21.85	22.01	21.88	1.0	23.0	
30	QPSK	80	40	22.94	22.95	22.94	0.0	24.0	
30	QPSK	80	80	21.89	21.83	21.70	1.0	23.0	
30	QPSK	160	0	21.93	21.94	21.85			
30	16QAM	1	1	21.68	21.74	21.61	23.0	1.0	
30	64QAM	1	1	20.05	20.24	20.11	21.5	2.5	
30	256QAM	1	1	18.72	19.00	18.75	19.5	4.5	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1880	1897.5	24.0	0.0	
25	PI2 BPSK	1	1	22.35	22.57	22.33	24.0	0.0	
Channel				372500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1900			
20	PI2 BPSK	1	1	22.86	22.99	22.91			
20	PI2 BPSK	1	53	22.89	23.09	22.95	24.0	0.0	
20	PI2 BPSK	1	104	22.84	22.95	22.86			
20	PI2 BPSK	50	0	22.52	22.59	22.46	23.5	0.5	
20	PI2 BPSK	50	26	23.05	23.04	23.04	24.0	0.0	
20	PI2 BPSK	50	56	22.37	22.47	22.38	23.5	0.5	
20	PI2 BPSK	100	0	22.42	22.54	22.45			
20	QPSK	1	1	22.68	23.07	23.04			
20	QPSK	1	53	23.04	23.06	23.01	24.0	0.0	
20	QPSK	1	104	22.82	22.94	22.85			
20	QPSK	50	0	21.90	22.04	21.94	23.0	1.0	
20	QPSK	50	26	23.00	23.17	23.02	24.0	0.0	
20	QPSK	50	56	21.93	21.91	21.84	23.0	1.0	
20	QPSK	100	0	21.87	22.02	21.95			
20	16QAM	1	1	21.61	21.75	21.60	23.0	1.0	
20	64QAM	1	1	20.17	20.31	20.19	21.5	2.5	
20	256QAM	1	1	18.88	19.01	18.90	19.5	4.5	
Channel				381500	385000	388500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1957.5 <td>1980</td> <td>1992.5</td> <td></td> <td colspan="2"></td>	1980	1992.5			
15	QPSK	1	1	22.98	23.01	22.86	24.0	0.0	
Channel				377000	378000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1985	1985	1992			
10	QPSK	1	1	22.97	22.92	23.03	24.0	0.0	
Channel				370500	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1982.5	1980	1997.5			
5	QPSK	1	1	23.01	23.06	22.89	24.0	0.0	

n5 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				167300					
Frequency (MHz)				834.5					
25	PI2 BPSK	1	1	22.84	22.84	22.84	24.0	0.0	
25	PI2 BPSK	1	67	22.92	22.92	22.92			
25	PI2 BPSK	1	131	22.77	22.77	22.77			
25	PI2 BPSK	64	0	22.42	22.42	22.42			
25	PI2 BPSK	64	32	23.01	23.01	23.01			
25	PI2 BPSK	64	64	22.36	22.36	22.36			
25	QPSK	128	0	22.44	22.44	22.44	23.5	0.5	
25	QPSK	1	1	22.99	22.99	22.99	24.0	0.0	
25	QPSK	1	67	22.87	22.87	22.87			
25	QPSK	1	131	22.71	22.71	22.71			
25	QPSK	64	0	22.01	22.01	22.01			
25	QPSK	64	32	23.02	23.02	23.02			
25	QPSK	64	64	21.87	21.87	21.87			
25	QPSK	128	0	21.99	21.99	21.99	23.0	1.0	
25	16QAM	1	1	21.84	21.84	21.84	23.0	1.0	
25	64QAM	1	1	20.18	20.18	20.18	21.5	2.5	
25	256QAM	1	1	18.76	18.76	18.76	19.5	4.5	
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				834	836.5	839			
20	QPSK	1	1	22.62	22.71	22.84	24.0	0.0	
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	QPSK	1	1	22.80	22.88	22.74	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	QPSK	1	1	22.89	22.84	22.96	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	QPSK	1	1	22.85	22.81	22.76	24.0	0.0	

n12 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				141300	141500	141700			
Frequency (MHz)				701.5	707.5	703.5			
15	PI2 BPSK	1	1	22.72	22.81	22.69			
15	PI2 BPSK	1	40	22.82	22.96	22.87	24.0	0.0	
15	PI2 BPSK	1	77	22.70	22.84	22.72			
15	PI2 BPSK	36	0	22.48	22.56	22.44	23.5	0.5	
15	PI2 BPSK	36	22	22.83	22.93	22.80	24.0	0.0	
15	PI2 BPSK	36	43	22.47	22.56	22.42	23.5	0.5	
15	PI2 BPSK	72	0	22.45	22.54	22.41			
15	QPSK	1	1	22.92	23.02	22.88			
15	QPSK	1	40	22.88	22.96	22.83	24.0	0.0	
15	QPSK	1	77	22.73	22.81	22.68			
15	QPSK	36	0	21.90	22.05	21.94	23.0	1.0	
15	QPSK	36	22	22.92	22.98	22.94	24.0	0.0	
15	QPSK	36	43	21.89	22.06	22.03	23.0	1.0	
15	QPSK	72	0	22.01	22.08	22.06			
15	16QAM	1	1	21.45	21.57	21.49	23.0	1.0	
15	64QAM	1	1	20.03	20.14	19.99	21.5	2.5	
15	256QAM	1	1	18.58	18.73	18.63	19.5	4.5	
Channel				140800	141500	142200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	1	22.74	22.68	22.69	24.0	0.0	
Channel				140300	141500	142700	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	1	22.76	22.92	22.84	24.0	0.0	



n25 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1870	1882.5	1895			
Frequency (MHz)				374000	376000	379000			
40	PI2 BPSK	1	1	22.35	22.51	22.44	24.0	0.0	
Channel				22.35	22.51	22.44			
40	PI2 BPSK	1	108	22.95	23.09	23.00	24.0	0.0	
Channel				22.95	23.09	23.00			
40	PI2 BPSK	1	214	22.45	22.56	22.42			
Channel				22.45	22.56	22.42			
40	PI2 BPSK	108	9	22.39	22.48	22.38	23.5	0.5	
Channel				22.39	22.48	22.38			
40	PI2 BPSK	108	54	23.02	23.15	23.03	24.0	0.0	
Channel				23.02	23.15	23.03			
40	PI2 BPSK	108	108	22.41	22.53	22.46	23.5	0.5	
Channel				22.41	22.53	22.46			
40	PI2 BPSK	216	9	22.37	22.51	22.42			
Channel				22.37	22.51	22.42			
40	QPSK	1	1	22.39	23.10	22.46			
Channel				22.39	23.10	22.46			
40	QPSK	1	108	23.11	22.41	23.07	24.0	0.0	
Channel				23.11	22.41	23.07			
40	QPSK	1	214	22.45	22.53	22.57	23.0	1.0	
Channel				22.45	22.53	22.57			
40	QPSK	108	9	22.01	21.96	21.88	23.0	1.0	
Channel				22.01	21.96	21.88			
40	QPSK	108	54	23.03	23.10	23.06	24.0	0.0	
Channel				23.03	23.10	23.06			
40	QPSK	108	108	21.98	22.05	22.02	23.0	1.0	
Channel				21.98	22.05	22.02			
40	QPSK	216	9	21.83	21.98	21.84	23.0	1.0	
Channel				21.83	21.98	21.84			
40	16QAM	1	1	21.15	21.23	21.11	23.0	1.0	
Channel				21.15	21.23	21.11			
40	64QAM	1	1	19.70	19.81	19.70	21.5	2.5	
Channel				19.70	19.81	19.70			
40	256QAM	1	1	18.41	18.43	18.37	19.5	4.5	
Channel				18.41	18.43	18.37			
Channel				373000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1885	1882.5	1900			
30	QPSK	1	1	22.70	22.82	22.81	24.0	0.0	
Channel				22.70	22.82	22.81			
Channel				372500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1882.5	1882.5	1902.5			
25	QPSK	1	1	22.83	22.90	22.87	24.0	0.0	
Channel				22.83	22.90	22.87			
Channel				372000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1882.5	1900			
20	QPSK	1	1	22.91	22.94	22.88	24.0	0.0	
Channel				22.91	22.94	22.88			
Channel				371500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1887.5	1882.5	1907.5			
15	QPSK	1	1	22.76	22.98	22.85	24.0	0.0	
Channel				22.76	22.98	22.85			
Channel				371000	376000	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1885	1882.5	1910			
10	QPSK	1	1	22.84	22.82	22.77	24.0	0.0	
Channel				22.84	22.82	22.77			
Channel				370500	376000	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1882.5	1882.5	1912.5			
5	QPSK	1	1	22.91	23.02	23.06	24.0	0.0	

n30 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				462000	462000				
Frequency (MHz)				2310	2310				
10	PI2 BPSK	1	1	22.88	22.88		24.0	0.0	
Channel				22.88	22.88				
10	PI2 BPSK	1	26	22.82	22.82				
Channel				22.82	22.82				
10	PI2 BPSK	1	50	22.84	22.84				
Channel				22.84	22.84				
10	PI2 BPSK	25	9	22.38	22.38		23.5	0.5	
Channel				22.38	22.38				
10	PI2 BPSK	25	14	22.89	22.89		24.0	0.0	
Channel				22.89	22.89				
10	PI2 BPSK	25	27	22.48	22.48		23.5	0.5	
Channel				22.48	22.48				
10	PI2 BPSK	40	9	22.43	22.43				
Channel				22.43	22.43				
10	QPSK	1	1	23.02	23.02				
Channel				23.02	23.02				
10	QPSK	1	26	22.93	22.93		24.0	0.0	
Channel				22.93	22.93				
10	QPSK	1	50	22.84	22.84		23.0	1.0	
Channel				22.84	22.84				
10	QPSK	25	9	21.85	21.85		23.0	1.0	
Channel				21.85	21.85				
10	QPSK	25	14	22.78	22.78		24.0	0.0	
Channel				22.78	22.78				
10	QPSK	25	27	22.91	22.91		23.0	1.0	
Channel				22.91	22.91				
10	QPSK	40	9	21.69	21.69		23.0	1.0	
Channel				21.69	21.69				
10	16QAM	1	1	21.54	21.54		23.0	1.0	
Channel				21.54	21.54				
10	64QAM	1	1	20.98	20.98		21.5	2.5	
Channel				20.98	20.98				
10	256QAM	1	1	18.76	18.76		19.5	4.5	
Channel				18.76	18.76				
Channel				461000	462000	462000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	1	14.38	14.53	14.47	24.0	0.0	

n66 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PI2 BPSK	1	1	21.99	22.13	21.99	24.0	0.0	
Channel				21.99	22.13	21.99			
40	PI2 BPSK	1	108	22.53	22.61	22.57			
Channel				22.53	22.61	22.57			
40	PI2 BPSK	1	214	21.94	22.13	22.01			
Channel				21.94	22.13	22.01			
40	PI2 BPSK	108	9	21.98	21.69	21.53	23.5	0.5	
Channel				21.98	21.69	21.53			
40	PI2 BPSK	108	54	22.56	22.65	22.56	24.0	0.0	
Channel				22.56	22.65	22.56			
40	PI2 BPSK	108	108	21.52	21.71	21.42	23.5	0.5	
Channel				21.52	21.71	21.42			
40	PI2 BPSK	216	9	21.61	21.71	21.57			
Channel				21.61	21.71	21.57			
40	QPSK	1	1	21.99	22.68	21.79			
Channel				21.99	22.68	21.79			
40	QPSK	1	108	22.56	22.09	22.44	24.0	0.0	
Channel				22.56	22.09	22.44			
40	QPSK	1	214	21.92	22.08	21.84			
Channel				21.92	22.08	21.84			
40	QPSK	1	108	20.95	21.71	21.08	23.0	1.0	
Channel				20.95	21.71	21.08			
40	QPSK	108	54	22.32	22.62	22.37	24.0	0.0	
Channel				22.32	22.62	22.37			
40	QPSK	108	108	20.98	21.18	20.89	23.0	1.0	
Channel				20.98	21.18	20.89			
40	QPSK	216	9	20.79	21.16	20.89	23.0	1.0	
Channel				20.79	21.16	20.89			
40	16QAM	1	1	20.99	21.06	20.95	23.0	1.0	
Channel				20.99	21.06	20.95			
40	64QAM	1	1	19.64	19.84	19.70	21.5	2.5	
Channel				19.64	19.84	19.70			
40	256QAM	1	1	19.18	19.59	19.15	19.5	4.5	
Channel				19.18	19.59	19.15			
Channel				345000	348000	351000			
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	22.41	22.49	22.34	24.0	0.0	
Channel				22.41	22.49	22.34			
Frequency (MHz)				1726.5	1746.5	1767.5			
25	QPSK	1	1	22.51	22.66	22.55	24.0	0.0	
Channel				22.51	22.66	22.55			
Frequency (MHz)				1727	1745	1770		Long-term limit	
20	QPSK	1	1	22.60	22.72	22.65	24.0	0.0	
Channel				22.60	22.72	22.65			
Frequency (MHz)				34500	34900	35300		MPR (dB)	
15	QPSK	1	1	23.65	22.70	22.68	24.0	0.0	
Channel				23.65	22.70	22.68			
Frequency (MHz)				34610	34910	35500		MPR (dB)	
15	QPSK	1	1	23.65	22.70	22.68	24.0	0.0	
Channel				23.65	22.70	22.68			
Frequency (MHz)				34615	34915	35505		MPR (dB)	
10	QPSK	1	1	23.60	22.69	22.54	24.0	0.0	
Channel				23.60	22.69	22.54			
Frequency (MHz)				34760	34900	35500		MPR (dB)	
5	PI2 BPSK	1	1	22.59	22.65	22.54	24.0	0.0	
Channel				22.59	22.65	22.54			



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BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid-Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600	24.0	0.0
Frequency (MHz)				66.3	680.5	693		
20	PI2 BPSK	1	1	22.68	22.76	22.64		
20	PI2 BPSK	1	53	22.81	22.88	22.78		
20	PI2 BPSK	1	104	22.70	22.83	22.75	23.5	0.5
20	PI2 BPSK	50	0	22.14	22.27	22.19		
20	PI2 BPSK	50	28	22.83	22.92	22.80		
20	PI2 BPSK	50	56	22.75	22.85	22.72		
20	PI2 BPSK	100	0	22.20	22.28	22.24	24.0	0.0
20	QPSK	1	1	22.93	22.95	22.87		
20	QPSK	1	53	22.73	22.81	22.67		
20	QPSK	1	104	22.70	22.83	22.73		
20	QPSK	50	0	21.68	21.76	21.64	23.0	1.0
20	QPSK	50	28	22.86	22.91	22.85		
20	QPSK	50	56	22.79	22.87	22.86		
20	QPSK	100	0	21.76	21.85	21.69		
20	16QAM	1	1	21.41	21.49	21.38	21.5	2.5
20	64QAM	1	1	19.94	20.06	19.92		
20	256QAM	1	1	18.55	18.69	18.60		
Channel				134100	136100	138100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.73	22.79	22.69	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				660	680.5	693		
10	QPSK	1	1	22.09	22.08	22.15	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	PI2 BPSK	1	1	22.64	22.65	22.71	24.0	0.0

n41_PC3 Ant1									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.20	22.33	22.22			
100	PI/2 BPSK	1	137	23.54	23.57	23.47	23.5	0.5	
100	PI/2 BPSK	1	271	22.51	22.58	22.46			
100	PI/2 BPSK	135	0	22.99	23.13	23.08			
100	PI/2 BPSK	135	69	23.47	23.57	23.48	24.0	0.0	
100	PI/2 BPSK	135	138	23.17	23.26	23.15	23.5	0.5	
100	PI/2 BPSK	270	0	23.06	23.21	23.11			
100	QPSK	1	1	22.25	22.34	22.24			
100	QPSK	1	137	23.49	23.58	23.54	24.0	0.0	
100	QPSK	1	271	22.52	22.64	22.51			
100	QPSK	135	0	23.04	23.15	22.98			
100	QPSK	135	69	23.49	23.63	23.44	24.0	0.0	
100	QPSK	135	138	23.22	23.29	23.22	23.0	1.0	
100	QPSK	270	0	23.12	23.23	23.07			
100	16QAM	1	1	22.63	22.67	22.65	23.0	1.0	
100	64QAM	1	1	22.03	22.01	22.02	21.5	2.5	
100	256QAM	1	1	18.69	18.71	18.72	19.5	4.5	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	24.0	0.0	
80	QPSK	1	1	23.14	23.20	23.13	24.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2631.01	2592.99	2655			
70	QPSK	1	1	23.12	23.26	23.11	24.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.16	23.21	23.17	24.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.19	23.26	23.10	24.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.15	23.27	23.12	24.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.88			
30	QPSK	1	1	23.15	23.26	23.16	24.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.13	23.22	23.13	24.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.16	23.23	23.15	24.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.18	23.29	23.16	24.0	0.0	

n41 PC2 Ant1									
BW [MHz]	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	27.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.50	25.81	25.73			
100	PI/2 BPSK	1	137	26.38	26.47	26.38	23.5	3.5	
100	PI/2 BPSK	1	271	25.81	26.13	26.00			
100	PI/2 BPSK	135	0	25.71	25.97	25.88			
100	PI/2 BPSK	135	69	26.46	26.53	26.46	27.0	0.0	
100	PI/2 BPSK	135	138	25.91	26.08	25.93	26.5	0.5	
100	PI/2 BPSK	270	0	25.87	25.96	25.71			
100	QPSK	1	1	26.37	26.54	26.46			
100	QPSK	1	137	26.41	26.51	26.23	23.5	3.5	
100	QPSK	1	271	25.84	25.87	25.84			
100	QPSK	135	0	25.21	25.32	25.02			
100	QPSK	135	69	25.65	25.74	25.61	27.0	0.0	
100	QPSK	135	138	25.30	25.48	25.29	23.5	3.5	
100	QPSK	270	0	25.16	25.46	25.15			
100	16QAM	1	1	24.17	24.29	24.04	26.0	1.0	
100	64QAM	1	1	23.66	23.84	23.55	24.5	2.5	
100	256QAM	1	1	21.44	21.73	21.46	22.5	4.5	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99	27.0	0.0	
80	QPSK	1	1	26.07	26.41	26.25	27.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2631.01	2592.99	2655			
70	QPSK	1	1	26.19	26.27	26.19	27.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	26.22	26.34	26.20	27.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	26.05	26.35	26.22	27.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	26.17	26.24	26.19	27.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.88			
30	QPSK	1	1	26.15	26.43	26.35	27.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	26.05	26.35	26.22	27.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	26.18	26.42	26.31	27.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	26.08	26.39	26.21	27.0	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	24.0	0.0
100	Pl2 BPSK	1	1	22.60	22.76	22.49		
100	Pl2 BPSK	1	137	23.21	23.53	23.41		
100	Pl2 BPSK	1	271	22.59	22.74	22.45	23.5	0.5
100	Pl2 BPSK	135	0	23.35	23.44	23.28		
100	Pl2 BPSK	135	69	23.44	23.51	23.33		
100	Pl2 BPSK	135	138	23.20	23.33	23.21	24.0	0.0
100	Pl2 BPSK	270	0	23.18	23.39	23.17		
100	QPSK	1	1	22.71	23.54	22.56		
100	QPSK	1	137	23.24	22.76	23.41	23.0	1.0
100	QPSK	1	271	22.59	22.77	22.60		
100	QPSK	135	0	23.20	23.47	23.33		
100	QPSK	135	69	23.45	23.49	23.38	23.0	1.0
100	QPSK	135	138	23.06	23.26	23.06		
100	QPSK	270	0	23.11	23.36	23.19		
100	16QAM	1	1	22.86	22.87	22.75	23.0	1.0
100	64QAM	1	1	22.13	22.36	22.04	21.5	2.5
100	256QAM	1	1	18.99	19.23	18.93	19.5	4.5
Channel								
Frequency (MHz)				649668	656000	662334	1100000 limit (dBm)	MPR (dB)
90	QPSK	1	1	3745.02	3840	3935.01	24.0	0.0
Channel								
Frequency (MHz)				3749.01	3840	3940.02	1100000 limit (dBm)	MPR (dB)
80	QPSK	1	1	22.80	22.90	22.78	24.0	0.0
Channel								
Frequency (MHz)				649668	656000	662334	1100000 limit (dBm)	MPR (dB)
60	QPSK	1	1	22.86	22.83	22.79	24.0	0.0
Channel								
Frequency (MHz)				648334	656000	663668	1100000 limit (dBm)	MPR (dB)
50	QPSK	1	1	22.83	22.88	22.76	24.0	0.0
Channel								
Frequency (MHz)				648000	656000	664000	1100000 limit (dBm)	MPR (dB)
40	QPSK	1	1	22.82	22.88	22.72	24.0	0.0
Channel								
Frequency (MHz)				647334	656000	664668	1100000 limit (dBm)	MPR (dB)
20	QPSK	1	1	22.81	22.88	22.78	24.0	0.0
Channel								
Frequency (MHz)				647100	656000	664434	1100000 limit (dBm)	MPR (dB)
15	QPSK	1	1	22.78	22.84	22.72	24.0	0.0
Channel								
Frequency (MHz)				647000	656000	665000	1100000 limit (dBm)	MPR (dB)
10	QPSK	1	1	22.83	22.93	22.74	24.0	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	27.0	0.0
100	Pl2 BPSK	1	1	25.44	25.54	25.23		
100	Pl2 BPSK	1	137	26.00	26.31	26.00		
100	Pl2 BPSK	1	271	25.40	25.53	25.26	26.5	0.5
100	Pl2 BPSK	135	0	25.75	25.89	25.63		
100	Pl2 BPSK	135	69	26.14	26.36	26.06		
100	Pl2 BPSK	135	138	25.47	25.79	25.48	26.5	0.5
100	Pl2 BPSK	270	0	25.89	26.18	26.07		
100	QPSK	1	1	25.98	26.23	25.87		
100	QPSK	1	137	26.04	26.06	25.94	27.0	0.0
100	QPSK	1	271	25.47	25.76	25.48		
100	QPSK	135	0	25.17	25.26	25.02		
100	QPSK	135	69	26.40	26.54	26.44	26.0	1.0
100	QPSK	135	138	24.86	25.03	24.92		
100	QPSK	270	0	24.97	25.23	24.96		
100	16QAM	1	1	24.01	24.23	24.12	26.0	1.0
100	64QAM	1	1	22.22	22.47	22.23	24.5	2.5
100	256QAM	1	1	19.14	19.36	19.12	22.5	4.5
Channel								
Frequency (MHz)				3745.02	3840	3935.01	1100000 limit (dBm)	MPR (dB)
90	QPSK	1	1	25.73	26.05	25.68	27.0	0.0
Channel								
Frequency (MHz)				3749.01	3840	3940.02	1100000 limit (dBm)	MPR (dB)
80	QPSK	1	1	25.87	25.93	25.83	27.0	0.0
Channel								
Frequency (MHz)				649668	656000	662334	1100000 limit (dBm)	MPR (dB)
60	QPSK	1	1	25.88	25.92	25.82	27.0	0.0
Channel								
Frequency (MHz)				648334	656000	663668	1100000 limit (dBm)	MPR (dB)
50	QPSK	1	1	25.92	26.13	25.77	27.0	0.0
Channel								
Frequency (MHz)				648000	656000	664000	1100000 limit (dBm)	MPR (dB)
40	QPSK	1	1	25.83	26.04	25.76	27.0	0.0
Channel								
Frequency (MHz)				647334	656000	664668	1100000 limit (dBm)	MPR (dB)
20	QPSK	1	1	25.79	26.06	25.66	27.0	0.0
Channel								
Frequency (MHz)				647100	656000	664434	1100000 limit (dBm)	MPR (dB)
15	QPSK	1	1	25.86	25.93	25.67	27.0	0.0
Channel								
Frequency (MHz)				647000	656000	665000	1100000 limit (dBm)	MPR (dB)
10	QPSK	1	1	25.87	26.08	25.66	27.0	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)					3500.01		24.0	0.0
100	Pl2 BPSK	1	1		22.73			
100	Pl2 BPSK	1	137		23.41			
100	Pl2 BPSK	1	271		22.66		23.5	0.5
100	Pl2 BPSK	135	0		23.37			
100	Pl2 BPSK	135	69		23.46			
100	Pl2 BPSK	135	138		23.27		23.5	0.5
100	Pl2 BPSK	270	0		23.31			
100	QPSK	1	1		22.84			
100	QPSK	1	137		23.45		24.0	0.0
100	QPSK	1	271		22.67			
100	QPSK	135	0		23.39			
100	QPSK	135	69		23.49		23.0	1.0
100	QPSK	135	138		23.24			
100	QPSK	270	0		23.27			
100	16QAM	1	1		22.99		23.0	1.0
100	64QAM	1	1		22.31		21.5	2.5
100	256QAM	1	1		19.22		18.5	4.5
Channel								
Frequency (MHz)				633000	633334	633668	1100000 limit (dBm)	MPR (dB)
90	QPSK	1	1	3495	3500.01	3505.02	3500.01	0.0
Channel								
Frequency (MHz)				632000	633334	633668	1100000 limit (dBm)	MPR (dB)
80	QPSK	1	1	23.02	23.06	23.03	24.0	0.0
Channel								
Frequency (MHz)				631968	633334	633668	1100000 limit (dBm)	MPR (dB)
60	QPSK	1	1	23.07	23.04	23.06	24.0	0.0
Channel								
Frequency (MHz)				631936	633334	633668	1100000 limit (dBm)	MPR (dB)
50	QPSK	1	1	23.03	22.98	23.00	24.0	0.0
Channel								
Frequency (MHz)				631334	633334	633668	1100000 limit (dBm)	MPR (dB)
40	QPSK	1	1	23.05	23.03	22.99	24.0	0.0
Channel								
Frequency (MHz)				630668	633334	633668	1100000 limit (dBm)	MPR (dB)
20	QPSK	1	1	23.07	23.00	22.98	24.0	0.0
Channel								
Frequency (MHz)				630334	633334	633668	1100000 limit (dBm)	MPR (dB)
15	QPSK	1	1	22.98	23.05	23.07	24.0	0.0
Channel								
Frequency (MHz)				630000	633334	633668	1100000 limit (dBm)	MPR (dB)
10	QPSK	1	1	23.02	23.07	23.02	24.0	0.0

Part27Q n77 Ant2 PC2

BW (MHz)	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)								
100	P12 BPSK	1	1	25.70	3000.01		27.0	0.0
100	P12 BPSK	1	137	26.54				
100	P12 BPSK	1	271	25.71				
100	P12 BPSK	135	0	25.63		26.5	0.5	
100	P12 BPSK	135	69	26.17		27.0	0.0	
100	P12 BPSK	135	138	25.92		26.5	0.5	
100	P12 BPSK	270	0	25.98				
100	QPSK	1	1	26.57			27.0	0.0
100	QPSK	1	137	25.50				
100	QPSK	1	271	25.82				
100	QPSK	135	0	25.45		26.0	1.0	
100	QPSK	135	69	26.49		27.0	0.0	
100	QPSK	135	138	25.41		26.0	1.0	
100	QPSK	270	0	25.43				
100	16QAM	1	1	24.11		26.0	1.0	
100	64QAM	1	1	22.35		24.5	2.5	
100	256QAM	1	1	19.25		22.5	4.5	
Channel 633300								
Frequency (MHz)								
90	QPSK	1	1	23.47	3000.01	3005.02	27.0	0.0
Channel 633668								
Frequency (MHz)								
80	QPSK	1	1	25.39	3000.01	3010.02	27.0	0.0
Channel 633668								
Frequency (MHz)								
60	QPSK	1	1	25.49	3000.01	3020.02	27.0	0.0
Channel 633668								
Frequency (MHz)								
50	QPSK	1	1	25.40	3000.01	3030.02	27.0	0.0
Channel 633334								
Frequency (MHz)								
40	QPSK	1	1	25.37	3000.01	3040.02	27.0	0.0
Channel 633668								
Frequency (MHz)								
20	QPSK	1	1	25.40	3000.01	3050.02	27.0	0.0
Channel 633668								
Frequency (MHz)								
15	QPSK	1	1	25.37	3000.01	3060.02	27.0	0.0
Channel 633334								
Frequency (MHz)								
10	QPSK	1	1	25.40	3000.01	3070.02	27.0	0.0

Part27O n78 Ant2 PC3

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel 3750								
Frequency (MHz)								
100	P12 BPSK	1	1	22.74	3750	3750	24.0	0.0
100	P12 BPSK	1	137	23.73				
100	P12 BPSK	1	271	22.81				
100	P12 BPSK	135	0	23.52		23.5	0.5	
100	P12 BPSK	135	69	23.71		24.0	0.0	
100	P12 BPSK	135	138	23.57		23.5	0.5	
100	P12 BPSK	270	0	23.54				
100	QPSK	1	1	23.76			24.0	0.0
100	QPSK	1	137	22.87				
100	QPSK	1	271	22.99				
100	QPSK	135	0	23.55		23.0	1.0	
100	QPSK	135	69	23.73		24.0	0.0	
100	QPSK	135	138	23.56		23.0	1.0	
100	QPSK	270	0	23.51				
100	16QAM	1	1	23.07		23.0	1.0	
100	64QAM	1	1	21.38		21.5	2.5	
100	256QAM	1	1	19.28		19.5	4.5	
Channel 648668								
Frequency (MHz)								
90	QPSK	1	1	22.97	3750	3755.01	24.0	0.0
Channel 648334								
Frequency (MHz)								
80	QPSK	1	1	22.89	3750	3760.02	24.0	0.0
Channel 648668								
Frequency (MHz)								
70	QPSK	1	1	22.90	3750	3765.03	24.0	0.0
Channel 648668								
Frequency (MHz)								
60	QPSK	1	1	22.88	3750	3770.04	24.0	0.0
Channel 648334								
Frequency (MHz)								
50	QPSK	1	1	22.82	3750	3775.05	24.0	0.0
Channel 648668								
Frequency (MHz)								
40	QPSK	1	1	22.80	3750	3780.06	24.0	0.0
Channel 648334								
Frequency (MHz)								
30	QPSK	1	1	22.87	3750	3785.07	24.0	0.0
Channel 647334								
Frequency (MHz)								
20	QPSK	1	1	22.96	3750	3790.08	24.0	0.0
Channel 647668								
Frequency (MHz)								
15	QPSK	1	1	22.93	3750	3795.09	24.0	0.0
Channel 647000								
Frequency (MHz)								
10	QPSK	1	1	22.96	3750	3800.10	24.0	0.0

Part27O n78 Ant2 PC2

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel 3750								
Frequency (MHz)								
100	P12 BPSK	1	1	23.73	3750	3750	27.0	0.0
100	P12 BPSK	1	137	26.74				
100	P12 BPSK	1	271	25.87				
100	P12 BPSK	135	0	26.02		26.5	0.5	
100	P12 BPSK	135	69	26.73		27.0	0.0	
100	P12 BPSK	135	138	26.15		26.5	0.5	
100	P12 BPSK	270	0	26.08				
100	QPSK	1	1	26.84			27.0	0.0
100	QPSK	1	137	25.97				
100	QPSK	1	271	26.04				
100	QPSK	135	0	25.63		26.0	1.0	
100	QPSK	135	69	26.79		27.0	0.0	
100	QPSK	135	138	26.02		26.0	1.0	
100	QPSK	270	0	25.63				
100	16QAM	1	1	24.16		26.0	1.0	
100	64QAM	1	1	22.24		24.5	2.5	
100	256QAM	1	1	21.26		22.5	4.5	
Channel 648668								
Frequency (MHz)								
90	QPSK	1	1	23.41	3750	3755.01	27.0	0.0
Channel 648334								
Frequency (MHz)								
80	QPSK	1	1	25.41	3750	3760.02	27.0	0.0
Channel 648668								
Frequency (MHz)								
70	QPSK	1	1	25.38	3750	3765.03	27.0	0.0
Channel 648668								
Frequency (MHz)								
60	QPSK	1	1	25.35	3750	3770.04	27.0	0.0
Channel 648334								
Frequency (MHz)								
50	QPSK	1	1	25.44	3750	3775.05	27.0	0.0
Channel 648668								
Frequency (MHz)								
40	QPSK	1	1	25.40	3750	3780.06	27.0	0.0
Channel 648334								
Frequency (MHz)								
30	QPSK	1	1	25.41	3750	3785.07	27.0	0.0
Channel 647334								
Frequency (MHz)								
20	QPSK	1	1	25.43	3750	3790.08	27.0	0.0
Channel 647668								
Frequency (MHz)								
15	QPSK	1	1	25.43	3750	3795.09	27.0	0.0
Channel 647000								
Frequency (MHz)								
10	QPSK	1	1	25.44	3750	3800.10	27.0	0.0

Part27Q n78 Ant2 PC3									
BW [MHz]	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		633668		limit	
Frequency (MHz)				3500.01					
100	Pl2 BPSK	1	1	22.79	23.47		24.0	0.0	
100	Pl2 BPSK	1	137	22.79	23.47				
100	Pl2 BPSK	1	271	22.73					
100	Pl2 BPSK	135	0	23.38		23.5	0.5		
100	Pl2 BPSK	135	69	22.49		24.0	0.0		
100	Pl2 BPSK	135	138	23.32		23.5	0.5		
100	Pl2 BPSK	270	0	23.37			24.0	0.0	
100	QPSK	1	1	22.63					
100	QPSK	1	137	22.98					
100	QPSK	1	271	22.85			23.0	1.0	
100	QPSK	135	0	22.50		23.0			
100	QPSK	135	69	22.51		24.0			
100	QPSK	135	138	22.34		23.0	1.0		
100	QPSK	270	0	22.37			23.0	1.0	
100	16QAM	1	1	23.32		23.0			
100	64QAM	1	1	20.62		21.5	2.5		
100	256QAM	1	1	18.52		19.5	4.5		
Channel				633000	633334	633668	limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
80	QPSK	1	1	23.09	23.14	23.11	24.0	0.0	
Channel				632668	633334	634000	limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	23.11	23.12	23.08	24.0	0.0	
Channel				632334	633334	634334	limit	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	23.07	23.05	23.05	24.0	0.0	
Channel				632000	633334	634668	limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	23.09	23.07	23.08	24.0	0.0	
Channel				631668	633334	635000	limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	23.05	23.04	23.05	24.0	0.0	
Channel				631334	633334	635334	limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	23.12	23.11	23.08	24.0	0.0	
Channel				631000	633334	635668	limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	23.05	23.15	23.08	24.0	0.0	
Channel				630668	633334	636000	limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	23.04	23.05	23.08	24.0	0.0	
Channel				630500	633334	636168	limit	MPR	
Frequency (MHz)				3457.6	3500.01	3542.32			
15	QPSK	1	1	23.10	23.14	23.11	24.0	0.0	
Channel				630334	633334	636334	limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	23.08	23.08	23.05	24.0	0.0	

Part27Q n78 Ant2 PC2									
BW [MHz]	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		633668		limit	
Frequency (MHz)				3500.01					
100	Pl2 BPSK	1	1	23.09	23.41		27.0	0.0	
100	Pl2 BPSK	1	137	23.41					
100	Pl2 BPSK	1	271	25.67					
100	Pl2 BPSK	135	0	25.88		26.5	0.5		
100	Pl2 BPSK	135	69	25.52		27.0	0.0		
100	Pl2 BPSK	135	138	25.84		26.5	0.5		
100	Pl2 BPSK	270	0	25.89			27.0	0.0	
100	QPSK	1	1	26.57					
100	QPSK	1	137	25.98					
100	QPSK	1	271	25.44			28.0	1.0	
100	QPSK	135	0	25.44		26.0			
100	QPSK	135	69	26.51		27.0			
100	QPSK	135	138	25.51		28.0	1.0		
100	QPSK	270	0	25.37			28.0	1.0	
100	16QAM	1	1	24.14		28.0			
100	64QAM	1	1	22.58		24.5	2.5		
100	256QAM	1	1	21.27		22.5	4.5		
Channel				633000	633334	633668	limit	MPR	
Frequency (MHz)				3495	3500.01	3505.02			
80	QPSK	1	1	25.65	25.61	25.59	27.0	0.0	
Channel				632668	633334	634000	limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510			
80	QPSK	1	1	25.72	25.71	25.62	27.0	0.0	
Channel				632334	633334	634334	limit	MPR	
Frequency (MHz)				3485.01	3500.01	3515.01			
70	QPSK	1	1	25.69	25.74	25.59	27.0	0.0	
Channel				632000	633334	634668	limit	MPR	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	1	25.57	25.68	25.70	27.0	0.0	
Channel				631668	633334	635000	limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	1	25.63	25.61	25.69	27.0	0.0	
Channel				631334	633334	635334	limit	MPR	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	1	25.72	25.62	25.69	27.0	0.0	
Channel				631000	633334	635668	limit	MPR	
Frequency (MHz)				3465	3500.01	3535.02			
30	QPSK	1	1	25.64	25.71	25.73	27.0	0.0	
Channel				630668	633334	636000	limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	1	25.56	25.60	25.74	27.0	0.0	
Channel				630500	633334	636168	limit	MPR	
Frequency (MHz)				3457.6	3500.01	3542.32			
15	QPSK	1	1	25.06	25.61	25.68	27.0	0.0	
Channel				630334	633334	636334	limit	MPR	
Frequency (MHz)				3455.01	3500.01	3545.01			
10	QPSK	1	1	25.73	25.69	25.75	27.0	0.0	



Reduced Power Mode for 5GNR

n2 SA DSI3 Ant0									
BW (MHz)	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)				1805	1880	1905			
30	Pi2 BPSK	1	1	20.07	20.28	20.09			
30	Pi2 BPSK	1	80	20.39	20.37	20.08	22.0	0.0	
30	Pi2 BPSK	1	158	19.99	20.32	19.89			
30	Pi2 BPSK	80	0	19.78	20.02	19.74	22.0	0.0	
30	Pi2 BPSK	80	40	20.24	20.26	20.08	22.0	0.0	
30	Pi2 BPSK	80	80	19.83	19.82	19.82	22.0	0.0	
30	Pi2 BPSK	160	0	19.93	19.97	19.44			
30	QPSK	1	1	20.14	20.34	20.05			
30	QPSK	1	80	20.31	20.16	20.08	22.0	0.0	
30	QPSK	1	158	20.22	20.06	20.08			
30	QPSK	80	0	19.19	19.09	19.07	-1.0	23.0	
30	QPSK	80	40	20.21	20.40	20.25	-2.0	24.0	
30	QPSK	80	80	19.11	19.18	19.07	-1.0	23.0	
30	QPSK	160	0	19.12	19.45	19.44			
30	16QAM	1	1	20.25	20.35	20.22	22.0	0.0	
30	64QAM	1	1	19.49	19.51	19.53	21.5	0.5	
30	256QAM	1	1	18.25	18.14	18.44	19.5	2.5	
Channel									
Frequency (MHz)				372500	376000	380000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1880	1802.5	22.0 <td colspan="2">0.0</td>	0.0	
25	Pi2 BPSK	1	1	20.33	20.31	20.24			
Channel									
Frequency (MHz)				372000	376000	380000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1800			
20	Pi2 BPSK	1	1	20.11	20.25	20.23			
20	Pi2 BPSK	1	53	20.36	20.45	20.18	22.0	0.0	
20	Pi2 BPSK	1	104	20.04	20.24	19.98			
20	Pi2 BPSK	50	0	19.98	19.93	19.96	22.0	0.0	
20	Pi2 BPSK	50	28	20.40	20.41	20.15	22.0	0.0	
20	Pi2 BPSK	50	56	19.89	19.75	19.85	22.0	0.0	
20	Pi2 BPSK	100	0	19.88	19.88	19.54			
20	QPSK	1	1	20.26	20.49	20.20			
20	QPSK	1	53	20.27	20.24	20.27	22.0	0.0	
20	QPSK	1	104	20.18	20.24	20.08			
20	QPSK	50	0	19.39	19.30	19.10	-1.0	23.0	
20	QPSK	50	28	20.39	20.51	20.31	-2.0	24.0	
20	QPSK	50	56	19.24	19.22	19.07	-1.0	23.0	
20	QPSK	100	0	19.28	19.41	19.39			
20	16QAM	1	1	20.30	20.32	20.38	22.0	0.0	
20	64QAM	1	1	19.46	19.47	19.51	21.5	0.5	
20	256QAM	1	1	18.31	18.25	18.36	19.5	2.5	
Channel									
Frequency (MHz)				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5 <td>1880</td> <td>1802.5</td> <td>22.0</td> <td colspan="2">0.0</td>	1880	1802.5	22.0	0.0	
15	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel									
Frequency (MHz)				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel									
Frequency (MHz)				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1880	1802.5	22.0	0.0	
5	Pi2 BPSK	1	1	20.34	20.22	20.00			

n2 NSA DSI3 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. Freq. 370000	Power Middle Ch. Freq. 376000	Power High Ch. Freq. 379000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1865	1880	1895			
30	Pi2 BPSK	1	1	17.41	17.42	17.30			
30	Pi2 BPSK	1	80	17.46	17.38	17.14	19.0	0.0	
30	Pi2 BPSK	1	158	17.32	17.17	17.13			
30	Pi2 BPSK	80	0	17.17	17.19	17.19	19.0	0.0	
30	Pi2 BPSK	80	40	17.34	17.33	17.32	19.0	0.0	
30	Pi2 BPSK	80	80	17.09	17.45	17.29	19.0	0.0	
30	Pi2 BPSK	160	0	17.10	17.10	17.02	19.0	0.0	
30	QPSK	1	1	17.33	17.37	17.21			
30	QPSK	1	80	17.32	17.51	17.46	19.0	0.0	
30	QPSK	1	158	17.15	17.42	17.32			
30	QPSK	80	0	17.10	17.10	17.02	19.0	0.0	
30	QPSK	80	40	17.32	17.49	17.39	19.0	0.0	
30	QPSK	80	80	17.10	17.10	17.02	19.0	0.0	
30	QPSK	160	0	17.27	17.41	17.50			
30	16QAM	1	1	17.20	17.25	17.40	19.0	0.0	
30	64QAM	1	1	17.15	17.45	17.38	19.0	0.0	
30	256QAM	1	1	17.27	17.41	17.50	19.0	0.0	
Channel									
Frequency (MHz)				1862.5	1880	1897.5	tune-up limit (dBm)	MPR (dB)	
25	Pi2 BPSK	1	1	17.10	17.10	17.02	19.0	0.0	
Channel									
Frequency (MHz)				372000	376000	380000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1800			
20	Pi2 BPSK	1	1	17.32	17.58	17.27			
20	Pi2 BPSK	1	53	17.56	17.51	17.25	19.0	0.0	
20	Pi2 BPSK	1	104	17.45	17.38	17.31			
20	Pi2 BPSK	50	0	17.12	17.03	17.16	19.0	0.0	
20	Pi2 BPSK	50	28	17.44	17.52	17.36	19.0	0.0	
20	Pi2 BPSK	50	56	16.91	16.81	16.75	19.0	0.0	
20	Pi2 BPSK	100	0	16.90	17.03	16.94			
20	QPSK	1	1	17.35	17.61	17.34			
20	QPSK	1	53	17.63	17.56	17.50	19.0	0.0	
20	QPSK	1	104	17.24	17.51	17.24			
20	QPSK	50	0	17.31	17.35	17.23	19.0	0.0	
20	QPSK	50	28	17.37	17.05	17.39	19.0	0.0	
20	QPSK	50	56	17.09	17.45	17.29	19.0	0.0	
20	QPSK	100	0	17.31	17.51	17.15			
20	16QAM	1	1	17.35	17.28	17.33	19.0	0.0	
20	64QAM	1	1	17.37	17.44	17.43	19.0	0.0	
20	256QAM	1	1	17.39	17.54	17.47	19.0	0.0	
Channel									
Frequency (MHz)				371500	376000	380500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1880	1802.5	19.0	0.0	
15	Pi2 BPSK	1	1	17.31	17.35	17.23	19.0	0.0	
Channel									
Frequency (MHz)				371000	376000	381000	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1895			
10	Pi2 BPSK	1	1	17.09	17.45	17.29	19.0	0.0	
Channel									
Frequency (MHz)				370500	376000	381500	tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1802.5	1880	1802.5	19.0	0.0	
5	Pi2 BPSK	1	1	17.31	17.51	17.15	19.0	0.0	

n25 SA DSI3 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. f Freq.	Power Middle Ch. f Freq.	Power High Ch. f Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				18000	376000	379000			
40	Pi2 BPSK	1	1	20.20	1862.5	1865			
40	Pi2 BPSK	1	108	20.20	20.05	20.14			
40	Pi2 BPSK	1	214	20.45	20.56	20.56	22.0	0.0	
40	Pi2 BPSK	108	0	20.01	20.07	20.08	22.0	0.0	
40	Pi2 BPSK	108	54	20.52	20.49	20.51	22.0	0.0	
40	Pi2 BPSK	108	108	20.11	20.12	20.03	22.0	0.0	
40	Pi2 BPSK	216	0	20.01	20.12	20.05			
40	QPSK	1	1	20.58	20.69	20.51			
40	QPSK	108	108	20.24	20.22	20.68	22.0	0.0	
40	QPSK	1	214	20.09	20.18	20.09			
40	QPSK	108	0	20.03	20.07	20.19	22.0	0.0	
40	QPSK	108	54	20.67	20.79	20.65	22.0	0.0	
40	QPSK	108	108	20.82	20.69	20.50	22.0	0.0	
40	QPSK	216	0	20.07	20.17	20.04			
40	16QAM	1	1	20.04	20.14	20.05			
40	64QAM	1	1	19.53	19.55	19.62	21.5	0.0	
40	256QAM	1	1	18.29	19.28	19.32	21.5	0.0	
Channel									
Frequency (MHz)				18600	376000	380000	(+/-)100 limit (dBm)	MPR (dB)	
30	QPSK	1	1	20.59	20.39	20.37	22.0	0.0	
Channel									
Frequency (MHz)				372500	376000	380500	(+/-)100 limit (dBm)	MPR (dB)	
25	QPSK	1	1	1862.5	1862.5	1862.1			
25	QPSK	1	1	20.49	20.62	20.39	22.0	0.0	
Channel									
Frequency (MHz)				372000	376500	381000	(+/-)100 limit (dBm)	MPR (dB)	
20	QPSK	1	1	1860	1862.5	1865			
20	QPSK	1	1	20.59	20.68	20.50	22.0	0.0	
Channel									
Frequency (MHz)				371800	376500	381500	(+/-)100 limit (dBm)	MPR (dB)	
15	QPSK	1	1	1872.5	1862.5	1867.5			
15	QPSK	1	1	20.35	20.51	20.31	22.0	0.0	
Channel									
Frequency (MHz)				371500	376500	380500	(+/-)100 limit (dBm)	MPR (dB)	
10	QPSK	1	1	1855	1862.5	1910			
10	QPSK	1	1	20.57	20.51	20.19	22.0	0.0	
Channel									
Frequency (MHz)				371000	376500	380000	(+/-)100 limit (dBm)	MPR (dB)	
5	QPSK	1	1	1852.5	1862.5	1912.5			
5	QPSK	1	1	20.42	20.44	20.29	22.0	0.0	



n25 NSA DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374500	376500	379000		
Frequency (MHz)				1370	1822.5	1895		
40	PI2 BPSK	1	1	17.03	17.07	17.22		
40	PI2 BPSK	1	108	17.59	17.65	17.33	19.0	0.0
40	PI2 BPSK	1	214	17.09	17.20	17.10		
40	PI2 BPSK	108	0	17.20	17.07	17.06	19.0	0.0
40	PI2 BPSK	108	54	17.45	17.69	17.48	19.0	0.0
40	PI2 BPSK	108	108	17.10	17.28	17.10	19.0	0.0
40	PI2 BPSK	216	0	17.07	17.03	17.07		
40	QPSK	1	1	17.13	17.69	17.00		
40	QPSK	1	108	17.49	17.64	17.63	19.0	0.0
40	QPSK	1	214	17.20	17.13	17.13		
40	QPSK	108	0	17.13	17.20	17.13	19.0	0.0
40	QPSK	108	54	17.69	17.70	17.54	19.0	0.0
40	QPSK	108	108	17.45	17.63	17.61		
40	QPSK	216	0	17.44	17.50	17.32	19.0	0.0
40	16QAM	1	1	17.07	17.59	17.11	19.0	0.0
40	16QAM	1	1	17.06	17.36	17.26	19.0	0.0
40	256QAM	1	1	17.44	17.50	17.32	19.0	0.0
Channel				373000	376500	380000	limit (dBm)	MPR
Frequency (MHz)				1805	1882.5	1900	(dBm)	(dB)
30	QPSK	1	1	17.07	17.53	17.11	19.0	0.0
Channel				372500	376500	380500	limit (dBm)	MPR
Frequency (MHz)				1862.5	1882.5	1902.5	(dBm)	(dB)
25	QPSK	1	1	17.00	17.45	17.18	19.0	0.0
Channel				372000	376500	381000	limit (dBm)	MPR
Frequency (MHz)				1880	1882.5	1905	(dBm)	(dB)
20	QPSK	1	1	17.07	17.59	17.11	19.0	0.0
Channel				371500	376500	381500	limit (dBm)	MPR
Frequency (MHz)				1857.5	1882.5	1902.5	(dBm)	(dB)
15	QPSK	1	1	17.00	17.66	17.26	19.0	0.0
Channel				371000	376500	382000	limit (dBm)	MPR
Frequency (MHz)				1850	1882.5	1910	(dBm)	(dB)
10	QPSK	1	1	17.00	17.66	17.26	19.0	0.0
Channel				370500	376500	382500	limit (dBm)	MPR
Frequency (MHz)				1852.5	1882.5	1912.5	(dBm)	(dB)
5	QPSK	1	1	17.07	17.59	17.11	19.0	0.0

n30 NSA DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					465000			
Frequency (MHz)					2310			
10	PI2 BPSK	1	1		16.07			
10	PI2 BPSK	1	26		16.17		18.0	0.0
10	PI2 BPSK	1	50		16.09			
10	PI2 BPSK	25	0		15.67		18.0	0.0
10	PI2 BPSK	25	14		16.37		18.0	0.0
10	PI2 BPSK	25	27		15.82		18.0	0.0
10	PI2 BPSK	50	0		15.78			
10	QPSK	1	1		16.22		18.0	0.0
10	QPSK	1	26		16.20			
10	QPSK	1	50		16.11			
10	QPSK	25	0		16.14		18.0	0.0
10	QPSK	25	14		16.42		18.0	0.0
10	QPSK	25	27		16.24		18.0	0.0
10	QPSK	50	0		16.31			
10	16QAM	1	1		16.28		18.0	0.0
10	16QAM	1	1		16.16		18.0	0.0
10	256QAM	1	1		16.06		18.0	0.0
Channel				461500	465000	468500	limit (dBm)	MPR
Frequency (MHz)				2307.5	2310	2312.5	(dBm)	(dB)
5	QPSK	1	1	16.16	16.11	16.21	18.0	0.0

n66 SA DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1720	1745	1760		
40	PI2 BPSK	1	1	20.13	20.30	20.09		
40	PI2 BPSK	1	108	20.23	20.28	20.13	22.0	0.0
40	PI2 BPSK	1	214	20.73	20.90	20.69		
40	PI2 BPSK	108	0	20.13	20.30	20.09	22.0	0.0
40	PI2 BPSK	108	54	20.03	20.10	20.03	22.0	0.0
40	PI2 BPSK	108	108	20.13	20.30	20.09	22.0	0.0
40	PI2 BPSK	216	0	20.03	20.10	20.03		
40	QPSK	1	1	20.18	20.20	20.08		
40	QPSK	1	108	20.13	20.19	20.08	22.0	0.0
40	QPSK	1	214	20.08	20.13	19.98		
40	QPSK	108	0	20.10	20.18	20.21	22.0	0.0
40	QPSK	108	54	20.27	20.46	20.34	22.0	0.0
40	QPSK	108	108	20.11	20.29	20.04	22.0	0.0
40	QPSK	216	0	20.27	20.36	20.26		
40	16QAM	1	1	20.27	20.28	20.33	22.0	0.0
40	16QAM	1	1	19.69	19.68	19.81	21.5	0.5
40	256QAM	1	1	17.52	17.62	17.57	19.5	2.5
Channel				345000	349000	353000	limit (dBm)	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	20.20	20.28	20.00	22.0	0.0
Channel				344000	349000	353500	limit (dBm)	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	20.74	20.73	20.68	22.0	0.0
Channel				343000	349000	354000	limit (dBm)	MPR
Frequency (MHz)				1729	1745	1770	(dBm)	(dB)
20	QPSK	1	1	20.00	20.08	20.03	22.0	0.0
Channel				343500	349000	354500	limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	20.04	20.08	20.13	22.0	0.0
Channel				343000	349000	355000	limit (dBm)	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	21.10	21.18	21.03	22.0	0.0
Channel				342500	349000	355500	limit (dBm)	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	21.05	21.11	21.01	22.0	0.0



n66 NSA DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1700	1745	1760		
40	Pi/2 BPSK	1	1	16.26	16.32	16.03		
40	Pi/2 BPSK	1	108	16.71	16.87	16.86	18.5	0.0
40	Pi/2 BPSK	1	214	16.06	16.27	16.05		
40	Pi/2 BPSK	108	0	16.57	16.90	16.81	18.5	0.0
40	Pi/2 BPSK	108	54	16.71	16.82	16.90	18.5	0.0
40	Pi/2 BPSK	108	108	16.62	16.68	16.54	18.5	0.0
40	Pi/2 BPSK	216	0	16.52	16.57	16.66		
40	QPSK	1	1	16.36	16.91	16.55		
40	QPSK	1	108	16.97	16.90	16.93	18.5	0.0
40	QPSK	1	214	16.27	16.40	16.19		
40	QPSK	108	0	16.59	16.63	16.66	18.5	0.0
40	QPSK	108	54	16.91	17.10	16.96	18.5	0.0
40	QPSK	108	108	16.57	16.74	16.81	18.5	0.0
40	QPSK	216	0	16.16	16.53	16.05		
40	16QAM	1	1	16.57	16.74	16.61	18.5	0.0
40	16QAM	1	1	16.67	16.61	16.77	18.5	0.0
40	256QAM	1	1	16.55	16.56	16.60	18.5	0.0
Channel				349000	349000	353000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.12	16.10	16.59	18.5	0.0
Channel				345000	349000	353000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.74	16.74	16.67	18.5	0.0
Channel				345000	349000	354000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.24	16.27	15.98	18.5	0.0
Channel				343500	349000	354500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	16.36	16.33	16.62	18.5	0.0
Channel				343000	349000	355000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.74	16.45	16.67	18.5	0.0
Channel				342500	349000	355500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	16.64	16.75	16.62	18.5	0.0

n70 SA DSI3 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					346500			
Frequency (MHz)					1702.5			
15	Pi/2 BPSK	1	1		20.51			
15	Pi/2 BPSK	1	40		20.34		21.5	0.0
15	Pi/2 BPSK	1	77		20.29			
15	Pi/2 BPSK	36	0		19.97		21.5	0.0
15	Pi/2 BPSK	36	25		20.41		21.5	0.0
15	Pi/2 BPSK	36	43		19.88		21.5	0.0
15	Pi/2 BPSK	75	0		19.99			
15	QPSK	1	1		20.49		21.5	0.0
15	QPSK	1	40		20.44			
15	QPSK	1	77		20.26			
15	QPSK	36	0		20.29		21.5	0.0
15	QPSK	36	25		20.55		21.5	0.0
15	QPSK	36	43		19.55		21.5	0.0
15	QPSK	75	0		20.22			
15	16QAM	1	1		19.73		21.5	0.0
15	16QAM	1	1		19.02		21.0	0.5
15	256QAM	1	1		17.39		19.0	2.5
Channel				349000	349500	341000	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	20.82	20.68	21.07	21.5	0.0
Channel				339500	345000	341500	tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
5	QPSK	1	1	20.71	20.46	20.59	21.5	0.0

n41 PC2 SA DSI3 Ant0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi/2 BPSK	1	1	22.57	22.86	22.67			
100	Pi/2 BPSK	1	137	23.44	23.47	23.43	24.0	0.0	
100	Pi/2 BPSK	1	271	23.36	23.56	23.50			
100	Pi/2 BPSK	135	0	23.47	23.51	23.22			
100	Pi/2 BPSK	135	69	22.51	22.77	22.65	24.0	0.0	
100	Pi/2 BPSK	135	138	23.36	23.46	23.35	24.0	0.0	
100	Pi/2 BPSK	270	0	23.38	23.47	23.52	24.0	0.0	
100	QPSK	1	1	23.42	23.57	23.24			
100	QPSK	1	137	22.54	22.74	22.70			
100	QPSK	1	271	23.37	23.44	23.36	24.0	0.0	
100	QPSK	135	0	23.40	23.51	23.51			
100	QPSK	135	69	23.36	23.59	23.28			
100	QPSK	135	138	22.56	22.80	22.78	24.0	0.0	
100	QPSK	270	0	23.34	23.43	23.38	24.0	0.0	
100	16QAM	1	1	23.31	23.51	23.47	24.0	0.0	
100	64QAM	1	1	23.47	23.54	23.23	24.0	0.0	
100	256QAM	1	1	21.57	21.80	21.76	22.5	1.5	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99	24.0	0.0	
80	QPSK	1	1	22.61	22.74	22.60	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	24.0	0.0	
70	QPSK	1	1	22.72	22.87	22.81	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	24.0	0.0	
60	QPSK	1	1	22.76	22.77	22.60	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	24.0	0.0	
50	QPSK	1	1	22.64	22.72	22.75	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.0	0.0	
40	QPSK	1	1	22.72	22.81	22.84	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.0	0.0	
30	QPSK	1	1	22.73	22.73	22.59	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	24.0	0.0	
20	QPSK	1	1	22.80	22.75	22.64	24.0	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.0	0.0	
15	QPSK	1	1	22.33	22.27	22.37	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	24.0	0.0	
10	QPSK	1	1	22.74	22.85	22.45	24.0	0.0	

n41 PC2&3 NSA DSI3 Ant0									
BW [MHz]	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	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	Pi/2 BPSK	1	1	18.89	19.10	19.01			
100	Pi/2 BPSK	1	137	18.97	19.08	18.86	20.5	0.0	
100	Pi/2 BPSK	1	271	18.83	19.25	18.92			
100	Pi/2 BPSK	135	0	18.90	18.95	18.85			
100	Pi/2 BPSK	135	69	18.76	18.73	18.98	20.5	0.0	
100	Pi/2 BPSK	135	138	18.88	19.06	18.75	20.5	0.0	
100	Pi/2 BPSK	270	0	18.60	18.93	18.82	20.5	0.0	
100	QPSK	1	1	19.17	19.33	19.23	20.5	0.0	
100	QPSK	1	137	18.06	18.20	18.14	20.5	0.0	
100	QPSK	1	271	18.35	18.40	18.18			
100	QPSK	135	0	18.30	18.42	18.36			
100	QPSK	135	69	19.09	19.42	19.21	20.5	0.0	
100	QPSK	135	138	18.23	18.26	18.21	20.5	0.0	
100	QPSK	270	0	18.08	18.60	18.05	20.5	0.0	
100	16QAM	1	1	18.15	18.13	18.04	20.5	0.0	
100	64QAM	1	1	18.07	18.17	18.13	20.5	0.0	
100	256QAM	1	1	18.18	18.08	18.14	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	1	19.00	19.24	19.10	20.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	20.5	0.0	
70	QPSK	1	1	19.11	19.28	19.02	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	1	18.95	19.16	19.11	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	1	19.04	19.07	19.16	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	1	19.04	19.16	19.05	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	1	18.99	19.24	18.98	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	1	18.95	19.30	18.99	20.5	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	20.5	0.0	
15	QPSK	1	1	18.95	19.23	18.97	20.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	20.5	0.0	
10	QPSK	1	1	18.97	19.17	19.11	20.5	0.0	



n2 NSA DSI3 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	379500			
Frequency (MHz)				1865	1880	1895			
30	PV2 BPSK	1	1	15.79	16.06	15.96	17.5	0.0	
30	PV2 BPSK	1	80	16.14	15.93	15.92			
30	PV2 BPSK	1	168	15.96	15.68	15.89			
30	PV2 BPSK	80	0	15.38	15.38	15.48	17.5	0.0	
30	PV2 BPSK	80	40	16.31	16.00	16.17	17.5	0.0	
30	PV2 BPSK	80	80	15.14	15.36	15.23	17.5	0.0	
30	PV2 BPSK	160	0	15.44	15.48	15.55			
30	QPSK	1	1	15.92	15.92	15.93			
30	QPSK	1	80	15.87	16.02	16.07	17.5	0.0	
30	QPSK	1	168	15.92	15.90	15.81	17.5	0.0	
30	QPSK	80	0	15.18	15.07	14.82			
30	QPSK	80	40	16.01	16.18	16.34			
30	QPSK	80	80	14.81	15.09	14.87	17.5	0.0	
30	QPSK	160	0	14.97	15.18	14.92	17.5	0.0	
30	16QAM	1	1	16.03	16.07	15.97			
30	64QAM	1	1	15.83	15.83	15.67			
30	256QAM	1	1	15.58	15.72	15.73	17.5	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	-6.5 <td colspan="2">0.0</td>	0.0	
25	PV2 BPSK	1	1	15.91	16.03	15.88	17.5	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	-6.5 <td colspan="2">0.0</td>	0.0	
20	PV2 BPSK	1	1	16.02	16.23	16.19	17.5	0.0	
20	PV2 BPSK	1	53	16.32	16.24	16.07			
20	PV2 BPSK	1	104	16.10	16.30	16.01			
20	PV2 BPSK	50	0	15.70	15.69	15.65	17.5	0.0	
20	PV2 BPSK	50	28	16.42	16.14	16.32	17.5	0.0	
20	PV2 BPSK	50	56	15.36	15.67	15.51			
20	PV2 BPSK	100	0	15.60	15.73	15.68			
20	QPSK	1	1	16.23	16.35	16.20	17.5	0.0	
20	QPSK	1	53	16.07	16.30	16.33			
20	QPSK	1	104	16.03	16.21	16.00			
20	QPSK	50	0	15.28	15.28	15.11	17.5	0.0	
20	QPSK	50	28	16.27	16.50	16.06	17.5	0.0	
20	QPSK	50	56	15.02	15.25	15.00	17.5	0.0	
20	QPSK	100	0	15.47	15.58	15.48	17.5	0.0	
20	16QAM	1	1	16.21	16.18	16.17			
20	64QAM	1	1	16.04	15.95	15.97			
20	256QAM	1	1	15.79	15.84	15.80	17.5	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	-6.5 <td colspan="2">0.0</td>	0.0	
15	PV2 BPSK	1	1	15.99	16.26	15.89	17.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855 <th>1880<th>1905<th>-6.5<td colspan="2">0.0</td></th></th></th>	1880 <th>1905<th>-6.5<td colspan="2">0.0</td></th></th>	1905 <th>-6.5<td colspan="2">0.0</td></th>	-6.5 <td colspan="2">0.0</td>	0.0	
10	PV2 BPSK	1	1	16.07	16.09	15.91	17.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5 <th>1880</th> <th>1907.5<th>-6.5<td colspan="2">0.0</td></th></th>	1880	1907.5 <th>-6.5<td colspan="2">0.0</td></th>	-6.5 <td colspan="2">0.0</td>	0.0	
5	PV2 BPSK	1	1	15.98	16.12	16.12	17.5	0.0	

n5 NSA DSI3 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					167300				
Frequency (MHz)					836.5				
25	PV2 BPSK	1	1	21.89			23.0	0.0	
25	PV2 BPSK	1	67	21.91					
25	PV2 BPSK	1	131	21.73					
25	PV2 BPSK	64	0	21.41			22.5	0.5	
25	PV2 BPSK	64	32	21.85			23.0	0.0	
25	PV2 BPSK	64	64	21.33			22.5	0.5	
25	PV2 BPSK	128	0	21.39					
25	QPSK	1	1	21.87					
25	QPSK	1	67	21.86			23.0	0.0	
25	QPSK	1	131	21.71			22.0	1.0	
25	QPSK	64	0	20.91					
25	QPSK	64	32	21.95					
25	QPSK	64	64	20.85			22.0	1.0	
25	QPSK	128	0	20.84					
25	16QAM	1	1	20.58			22.0	1.0	
25	64QAM	1	1	19.14			20.5	2.5	
25	256QAM	1	1	17.71			18.5	4.5	
Channel				166800	167300	167800	Tune-up limit	MPR	
Frequency (MHz)				834	836.5	839	-6.5	0.0	
20	QPSK	1	1	21.72	21.71	21.65	23.0	0.0	
Channel				166300	167200	168100	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	-6.5	0.0	
15	QPSK	1	1	21.79	21.86	21.81	23.0	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	-6.5	0.0	
10	QPSK	1	1	21.88	21.82	21.87	23.0	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	-6.5	0.0	
5	QPSK	1	1	21.74	21.74	21.75	23.0	0.0	

n25 NSA DSI3 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	378500			
Frequency (MHz)				1870	1882.5	1895			
40	PV2 BPSK	1	1	15.99	15.92	16.05	17.5	0.0	
40	PV2 BPSK	1	108	16.28	16.76	16.53			
40	PV2 BPSK	1	214	15.89	15.90	15.90			
40	PV2 BPSK	108	0	15.77	16.15	15.77	17.5	0.0	
40	PV2 BPSK	108	54	16.49	16.55	16.45	17.5	0.0	
40	PV2 BPSK	108	108	15.73	15.94	15.92	17.5	0.0	
40	PV2 BPSK	216	0	15.83	15.94	16.05			
40	QPSK	1	1	16.56	16.63	16.55			
40	QPSK	1	108	15.94	16.04	15.83	17.5	0.0	
40	QPSK	1	214	15.99	16.11	16.09	17.5	0.0	
40	QPSK	108	0	15.55	15.64	15.58			
40	QPSK	108	54	16.55	16.81	16.45			
40	QPSK	108	108	15.66	15.61	15.67	17.5	0.0	
40	QPSK	216	0	15.58	15.60	15.66	17.5	0.0	
40	16QAM	1	1	15.62	15.68	15.72			
40	64QAM	1	1	15.76	15.61	15.65			
40	256QAM	1	1	15.56	15.59	15.52	17.5	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900	-6.5	0.0	
30	QPSK	1	1	16.36	16.38	16.45	17.5	0.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1905	-6.5	0.0	
25	QPSK	1	1	16.41	16.40	16.33	17.5	0.0	
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905	-6.5	0.0	
20	QPSK	1	1	16.33	16.28	16.27	17.5	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5	-6.5	0.0	
15	QPSK	1	1	16.41	16.50	16.31	17.5	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910	-6.5	0.0	
10	QPSK	1	1	16.39	16.52	16.38	17.5	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5 <td>-6.5</td> <td colspan="2">0.0</td>	-6.5	0.0	
5	QPSK	1	1	16.24	16.33	16.37	17.5	0.0	



n30 NSA DSI3 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000	2310		14.0	0.0
Frequency (MHz)					2310			
10	PI2 BPSK	1	1		12.90			
10	PI2 BPSK	1	26		12.85			
10	PI2 BPSK	25	0		12.85		14.0	0.0
10	PI2 BPSK	25	14		13.00		14.0	0.0
10	PI2 BPSK	25	27		12.45		14.0	0.0
10	PI2 BPSK	50	0		12.51			
10	QPSK	1	1		12.52			
10	QPSK	1	26		12.89		14.0	0.0
10	QPSK	1	50		12.91			
10	QPSK	25	0		12.94		14.0	0.0
10	QPSK	25	14		13.01		14.0	0.0
10	QPSK	25	27		12.04		14.0	0.0
10	QPSK	50	0		12.15			
10	16QAM	1	1		12.37		14.0	0.0
10	64QAM	1	1		12.35		14.0	0.0
10	256QAM	1	1		12.91		14.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	12.89	12.69	12.65	14.0	0.0

n66 NSA DSI3 Ant1								
BW [MHz]	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	345000	345000	20.5	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1		18.73	18.81	18.62	
40	PI2 BPSK	1	108		19.16	19.43	19.23	
40	PI2 BPSK	1	214		18.68	19.88	18.71	
40	PI2 BPSK	108	0		18.37	18.39	18.33	20.5
40	PI2 BPSK	108	54		19.14	19.42	19.22	20.5
40	PI2 BPSK	108	108		18.32	18.45	18.34	20.5
40	PI2 BPSK	216	0		18.32	18.32	18.19	20.5
40	QPSK	1	1		19.36	19.47	19.25	
40	QPSK	1	108		18.84	18.83	18.76	20.5
40	QPSK	1	214		18.54	18.69	18.64	
40	QPSK	108	0		17.91	17.76	17.76	20.5
40	QPSK	108	54		19.34	19.51	19.26	20.5
40	QPSK	108	108		17.92	17.84	17.87	20.5
40	QPSK	216	0		18.41	18.55	18.32	
40	16QAM	1	1		18.45	18.44	18.48	20.5
40	64QAM	1	1		18.41	18.59	18.50	20.5
40	256QAM	1	1		18.25	18.06	18.13	19.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1		19.25	19.48	19.19	20.5
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1		19.35	19.44	19.03	20.5
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1		19.29	19.20	19.32	20.5
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1		19.27	19.25	19.28	20.5
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1		19.12	19.47	19.10	20.5
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1		19.08	19.25	19.03	20.5

n41 PC2&3 NSA DSI3 Ant1								
BW [MHz]	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	15.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.24	14.43	14.16	15.0	0.0
100	PI/2 BPSK	1	137	14.07	14.34	14.12		
100	PI/2 BPSK	1	271	14.15	14.43	14.24	15.0	0.0
100	PI/2 BPSK	135	0	14.04	14.32	14.09		
100	PI/2 BPSK	135	69	14.01	14.14	14.16	15.0	0.0
100	PI/2 BPSK	135	138	13.98	14.18	14.03	15.0	0.0
100	PI/2 BPSK	270	0	13.92	14.09	13.91	15.0	0.0
100	QPSK	1	1	13.45	14.31	13.41	15.0	0.0
100	QPSK	1	137	14.29	14.28	14.28		
100	QPSK	1	271	13.61	13.51	13.43	15.0	0.0
100	QPSK	135	0	14.04	13.99	14.06		
100	QPSK	135	69	14.21	14.47	14.20	15.0	0.0
100	QPSK	135	138	14.11	14.05	14.00	15.0	0.0
100	QPSK	270	0	14.05	14.06	14.03	15.0	0.0
100	16QAM	1	1	13.21	13.23	13.20	15.0	0.0
100	64QAM	1	1	13.24	13.32	13.28	15.0	0.0
100	256QAM	1	1	14.02	13.90	13.86	15.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	13.27	14.46	13.27	15.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	13.29	14.45	13.41	15.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.24	14.31	13.35	15.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	13.44	14.41	13.32	15.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.42	14.12	13.35	15.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	13.17	14.35	13.22	15.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.23	14.26	13.14	15.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	13.18	14.36	13.10	15.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.20	14.32	13.09	15.0	0.0



Par270 n77 PC2&3 SA DSI3 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pl2 BPSK	1	1	17.59	17.62	17.29			
100	Pl2 BPSK	1	137	16.76	16.89	16.53	18.5		
100	Pl2 BPSK	1	271	17.24	17.39	17.08			
100	Pl2 BPSK	135	0	17.50	17.53	17.32	18.5		
100	Pl2 BPSK	135	69	17.36	17.75	17.37	18.5		
100	Pl2 BPSK	135	138	17.33	17.35	17.29	18.5		
100	Pl2 BPSK	270	0	16.75	16.75	16.55			
100	QPSK	1	1	17.55	17.80	17.57			
100	QPSK	1	137	16.86	17.00	16.74	18.5		
100	QPSK	1	271	17.48	17.60	17.35			
100	QPSK	135	0	17.59	17.69	17.42	18.5		
100	QPSK	135	69	17.57	17.89	17.47	18.5		
100	QPSK	135	138	16.98	17.05	16.67	18.5		
100	QPSK	270	0	16.99	17.05	16.67			
100	16QAM	1	1	17.52	17.53	17.31	18.5		
100	64QAM	1	1	17.62	17.76	17.48	18.5		
100	256QAM	1	1	16.94	17.22	17.02	18.5		
Channel				648668	656000	662334	18dB-tp	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
80	QPSK	1	123	17.49	17.75	17.54	18.5		
Channel				648534	656000	662668	18dB-tp	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	17.31	17.54	17.32	18.5		
Channel				650968	656000	663334	18dB-tp	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	limit (dBm)		
60	QPSK	1	81	17.46	17.61	17.45	18.5		
Channel				648334	656000	663668	18dB-tp	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	limit (dBm)		
50	QPSK	1	67	17.33	17.62	17.44	18.5		
Channel				648000	656000	664000	18dB-tp	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	17.33	17.57	17.49	18.5		
Channel				647334	656000	664668	18dB-tp	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	17.51	17.67	17.48	18.5		
Channel				647168	656000	664834	18dB-tp	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	17.45	17.59	17.34	18.5		
Channel				647000	656000	665000	18dB-tp	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	17.38	17.69	17.54	18.5		

Par270 n77 PC2&3 NSA DSI3 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pl2 BPSK	1	1	13.57	13.54	13.26	15.0		
100	Pl2 BPSK	1	137	13.88	14.20	14.00			
100	Pl2 BPSK	1	271	13.40	13.44	13.21	15.0		
100	Pl2 BPSK	135	0	13.73	13.62	13.62			
100	Pl2 BPSK	135	69	14.15	14.42	13.98	15.0		
100	Pl2 BPSK	135	138	13.57	13.91	13.48	15.0		
100	Pl2 BPSK	270	0	13.84	14.13	14.18	15.0		
100	QPSK	1	1	14.08	14.34	13.94	15.0		
100	QPSK	1	137	14.00	14.04	13.83			
100	QPSK	1	271	13.56	13.84	13.48	15.0		
100	QPSK	135	0	13.13	13.36	12.93			
100	QPSK	135	69	14.35	14.53	14.35	15.0		
100	QPSK	135	138	12.86	13.06	12.80	15.0		
100	QPSK	270	0	12.98	13.24	12.95	15.0		
100	16QAM	1	1	13.17	13.40	13.21	15.0		
100	64QAM	1	1	13.62	14.13	13.74	15.0		
100	256QAM	1	1	13.37	13.23	13.10	15.0		
Channel				648668	656000	662334	18dB-tp	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
80	QPSK	1	123	14.04	14.22	13.83	15.0		
Channel				648534	656000	662668	18dB-tp	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	14.02	14.30	13.68	15.0		
Channel				650968	656000	663334	18dB-tp	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	limit (dBm)		
60	QPSK	1	81	13.95	14.30	13.79	15.0		
Channel				648334	656000	663668	18dB-tp	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	limit (dBm)		
50	QPSK	1	67	13.91	14.10	13.73	15.0		
Channel				648000	656000	664000	18dB-tp	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	14.02	14.11	13.79	15.0		
Channel				647334	656000	664668	18dB-tp	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	13.07	14.14	13.73	15.0		
Channel				647168	656000	664834	18dB-tp	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	13.96	14.14	13.68	15.0		
Channel				647000	656000	665000	18dB-tp	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	13.86	14.17	13.79	15.0		

Par270Q n77 PC2&3 SA DSI3 Ant2									
BW [MHz]	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	Pl2 BPSK	1	1		17.25				
100	Pl2 BPSK	1	137		17.52		18.5		
100	Pl2 BPSK	1	271		17.17				
100	Pl2 BPSK	135	0		17.38				
100	Pl2 BPSK	135	69		17.69		18.5		
100	Pl2 BPSK	135	138		17.40				
100	Pl2 BPSK	270	0		17.48		18.5		
100	QPSK	1	1		17.65				
100	QPSK	1	137		17.55		18.5		
100	QPSK	1	271		17.28				
100	QPSK	135	0		16.92				
100	QPSK	135	69		18.06		18.5		
100	QPSK	135	138		16.94				
100	QPSK	270	0		16.83		18.5		
100	16QAM	1	1		17.06		18.5		
100	64QAM	1	1		16.99		18.5		
100	256QAM	1	1		17.06		18.5		
Channel				633000	633334	633668	18dB-tp	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)		
80	QPSK	1	123	17.28	17.54	17.13	18.5		
Channel				632668	633334	634000	18dB-tp	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)		
80	QPSK	1	109	17.29	17.45	17.23	18.5		
Channel				632000	633334	633668	18dB-tp	MPR (dB)	
Frequency (MHz)				3485	3500.01	3505	limit (dBm)		
60	QPSK	1	81	17.32	17.33	17.10	18.5		
Channel				631668	633334	635000	18dB-tp	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3505	limit (dBm)		
50	QPSK	1	67	17.32	17.52	17.09	18.5		
Channel				631334	633334	636334	18dB-tp	MPR (dB)	



Part27Q n77 PC2&3 NSA DSI3 Ant2									
BW [MHz]	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	Pi2 BPSK	1	1	13.40			15.0	0.0	
100	Pi2 BPSK	1	137	14.58					
100	Pi2 BPSK	1	271	13.75			15.0	0.0	
100	Pi2 BPSK	135	0	13.84					
100	Pi2 BPSK	135	69	14.09			15.0	0.0	
100	Pi2 BPSK	135	138	13.88			15.0	0.0	
100	Pi2 BPSK	270	0	14.05			15.0	0.0	
100	QPSK	1	1	14.48			15.0	0.0	
100	QPSK	1	137	13.50					
100	QPSK	1	271	13.79			15.0	0.0	
100	QPSK	135	0	13.44					
100	QPSK	135	69	14.59			15.0	0.0	
100	QPSK	135	138	13.30			15.0	0.0	
100	QPSK	270	0	13.38			15.0	0.0	
100	16QAM	1	1	13.67			15.0	0.0	
100	64QAM	1	1	13.69			15.0	0.0	
100	256QAM	1	1	13.67			15.0	0.0	
Channel				633000	633334	633668	1100000	MPR (dB)	
Frequency (MHz)				3495	3500.01	3506.02	limit (dBm)		
90	QPSK	1	123	14.55	14.20	14.05	15.0	0.0	
Channel				632668	633334	634000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)		
80	QPSK	1	109	13.74	14.09	13.78	15.0	0.0	
Channel				632000	633334	634668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02	limit (dBm)		
60	QPSK	1	81	13.94	13.94	13.79	15.0	0.0	
Channel				631668	633334	635000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3478.02	3500.01	3495	limit (dBm)		
50	QPSK	1	67	13.84	14.05	13.94	15.0	0.0	
Channel				631334	633334	635334	1100000	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01	limit (dBm)		
40	QPSK	1	53	13.59	13.74	13.69	15.0	0.0	
Channel				630668	633334	636000	1100000	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	limit (dBm)		
20	QPSK	1	26	13.55	13.69	13.67	15.0	0.0	
Channel				630334	633334	636334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dBm)		
15	QPSK	1	19	13.59	13.82	13.60	15.0	0.0	
Channel				630334	633334	636334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3454.01	3500.01	3545.01	limit (dBm)		
10	QPSK	1	12	13.62	13.88	13.64	15.0	0.0	

Part27O n78 PC2&3 SA DSI3 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1	17.35			18.5	0.0	
100	Pi2 BPSK	1	137	16.62					
100	Pi2 BPSK	1	271	17.27					
100	Pi2 BPSK	135	0	17.38			18.5	0.0	
100	Pi2 BPSK	135	69	17.63			18.5	0.0	
100	Pi2 BPSK	135	138	17.35			18.5	0.0	
100	Pi2 BPSK	270	0	16.59					
100	QPSK	1	1	17.54			18.5	0.0	
100	QPSK	1	137	16.76					
100	QPSK	1	271	17.51					
100	QPSK	135	0	17.43			18.5	0.0	
100	QPSK	135	69	17.73			18.5	0.0	
100	QPSK	135	138	16.88			18.5	0.0	
100	QPSK	270	0	16.83					
100	16QAM	1	1	17.23			18.5	0.0	
100	64QAM	1	1	17.63			18.5	0.0	
100	256QAM	1	1	16.93			18.5	0.0	
Channel				649968	650000	650034	1100000	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)		
90	QPSK	1	123	17.09	17.42	17.08	18.5	0.0	
Channel				649534	650000	650968	limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)		
80	QPSK	1	109	17.10	17.42	17.08	18.5	0.0	
Channel				649000	650000	651000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	limit (dBm)		
70	QPSK	1	95	17.12	17.24	17.15	18.5	0.0	
Channel				648668	650000	651334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3760.01	limit (dBm)		
60	QPSK	1	81	17.14	17.35	17.23	18.5	0.0	
Channel				648334	650000	651668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	limit (dBm)		
50	QPSK	1	67	17.17	17.45	17.22	18.5	0.0	
Channel				648000	650000	652000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	limit (dBm)		
40	QPSK	1	53	17.33	17.36	17.29	18.5	0.0	
Channel				647668	650000	652334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)		
30	QPSK	1	39	17.00	17.32	17.17	18.5	0.0	
Channel				647334	650000	652668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)		
20	QPSK	1	26	17.12	17.24	17.15	18.5	0.0	
Channel				647168	650000	652834	limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	limit (dBm)		
15	QPSK	1	19	17.12	17.40	17.15	18.5	0.0	
Channel				647000	650000	653000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	limit (dBm)		
10	QPSK	1	12	17.20	17.37	17.12	18.5	0.0	

Part270 n78 PC2&3 NSA DSI3 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1	13.44			15.0	0.0	
100	Pi2 BPSK	1	137	14.08					
100	Pi2 BPSK	1	271	13.34			15.0	0.0	
100	Pi2 BPSK	135	0	13.66					
100	Pi2 BPSK	135	69	14.15			15.0	0.0	
100	Pi2 BPSK	135	138	13.72			15.0	0.0	
100	Pi2 BPSK	270	0	13.94					
100	QPSK	1	1	14.03			15.0	0.0	
100	QPSK	1	137	13.84					
100	QPSK	1	271	13.56			15.0	0.0	
100	QPSK	135	0	13.16					
100	QPSK	135	69	14.31			15.0	0.0	
100	QPSK	135	138	13.27			15.0	0.0	
100	QPSK	270	0	13.16			15.0	0.0	
100	16QAM	1	1	13.20			15.0	0.0	
100	64QAM	1	1	13.82			15.0	0.0	
100	256QAM	1	1	13.12			15.0	0.0	
Channel				649968	650000	650034	1100000	MPR	(dB)
Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)		
90	QPSK	1	123	13.69	13.63	13.68	18.0	0.0	
Channel				649534	650000	650968	limit (dBm)	MPR	(dB)
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)		
80	QPSK	1	109	13.68	13.90	13.58	18.0	0.0	
Channel				649000	650000	651000	limit (dBm)	MPR	(dB)
Frequency (MHz)				3735	3750	3765	limit (dBm)		
70	QPSK	1	95	13.70	13.88	13.56	18.0	0.0	
Channel				648566	650000	651434	limit (dBm)	MPR	(dB)
Frequency (MHz)				3730.02	3750	3770.01	limit (dBm)		
60	QPSK	1	81	13.61	13.72	13.43	18.0	0.0	
Channel				648134	650000	651666	limit (dBm)	MPR	(dB)
Frequency (MHz)				3725.01	3750	3775.02	limit (dBm)		
50	QPSK	1	67	13.56	13.64	13.41	18.0	0.0	
Channel				648000	650000	652000	limit (dBm)	MPR	(dB)
Frequency (MHz)				3720	3750	3780	limit (dBm)		
40	QPSK	1	53	13.44	13.63	13.28	18.0	0.0	
Channel				647668	650000	652534	limit (dBm)	MPR	(dB)
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)		
30	QPSK	1	39	13.42	13.55	13.35	18.0	0.0	
Channel				647334	650000	652968	limit (dBm)	MPR	(dB)
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)		
20	QPSK	1	26	13.57	13.73	13.27	18.0	0.0	
Channel				647000	650000	653000	limit (dBm)	MPR	(dB)
Frequency (MHz)				3707.52	3750	3792.51	limit (dBm)		
15	QPSK	1	19	13.38	13.70	13.46	18.0	0.0	
Channel				647000	650000	653000	limit (dBm)	MPR	(dB)
Frequency (MHz)				3705	3750	3795	limit (dBm)		
10	QPSK	1	12	13.44	13.66	13.30	15.0	0.0	



Part27Q n78 PC2&3 SA DSI3 Ant2									
BW [MHz]	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)									
100	PI2 BPSK	1	1		3600.01			18.5	0.0
100	PI2 BPSK	1	137		16.85				
100	PI2 BPSK	1	271		16.71				
100	PI2 BPSK	1	405		16.54				
100	PI2 BPSK	135	0		17.10			18.5	0.0
100	PI2 BPSK	135	69		17.32				
100	PI2 BPSK	135	138		17.21				
100	PI2 BPSK	270	0		16.99				
100	QPSK	1	1		17.31			18.5	0.0
100	QPSK	1	137		16.72				
100	QPSK	1	271		16.73				
100	QPSK	135	0		17.24				
100	QPSK	135	69		17.58			18.5	0.0
100	QPSK	135	138		17.34				
100	QPSK	270	0		17.12				
100	16QAM	1	1		16.93			18.5	0.0
100	16QAM	1	1		16.34			18.5	0.0
100	256QAM	1	1		15.96			18.5	0.0
Channel 633000									
Frequency (MHz)									
90	QPSK	1	123	3495	3600.01	3605.02	limit (dBm)	MPR (dB)	
				13.91	17.00	16.79	limit (dBm)	18.5	0.0
Channel 632668									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3600.01	3510	limit (dBm)	MPR (dB)	
				17.10	16.97	16.78	limit (dBm)	18.5	0.0
Channel 632334									
Frequency (MHz)									
70	QPSK	1	95	3485.01	3600.01	3515.01	limit (dBm)	MPR (dB)	
				17.13	16.91	16.77	limit (dBm)	18.5	0.0
Channel 632000									
Frequency (MHz)									
60	QPSK	1	81	3480	3600.01	3520.02	limit (dBm)	MPR (dB)	
				17.10	17.02	16.80	limit (dBm)	18.5	0.0
Channel 631668									
Frequency (MHz)									
50	QPSK	1	67	3475.02	3600.01	3525	limit (dBm)	MPR (dB)	
				17.11	17.07	16.85	limit (dBm)	18.5	0.0
Channel 631334									
Frequency (MHz)									
40	QPSK	1	53	3470.01	3600.01	3530.01	limit (dBm)	MPR (dB)	
				17.05	17.03	16.84	limit (dBm)	18.5	0.0
Channel 631000									
Frequency (MHz)									
30	QPSK	1	39	3465	3600.01	3535.02	limit (dBm)	MPR (dB)	
				17.12	16.99	16.93	limit (dBm)	18.5	0.0
Channel 630668									
Frequency (MHz)									
20	QPSK	1	26	3460.02	3600.01	3540	limit (dBm)	MPR (dB)	
				16.96	16.86	16.74	limit (dBm)	18.5	0.0
Channel 630334									
Frequency (MHz)									
15	QPSK	1	19	3455.01	3600.01	3545.02	limit (dBm)	MPR (dB)	
				16.98	16.94	16.83	limit (dBm)	18.5	0.0
Channel 630034									
Frequency (MHz)									
10	QPSK	1	12	3455.01	3600.01	3545.01	limit (dBm)	MPR (dB)	
				16.91	16.89	16.87	limit (dBm)	18.5	0.0

Part27Q n78 PC2&3 NSA DSI3 Ant2									
BW [MHz]	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)									
100	PI2 BPSK	1	1		3600.01			15.0	0.0
100	PI2 BPSK	1	137		13.43				
100	PI2 BPSK	1	137		13.95				
100	PI2 BPSK	1	271		13.47				
100	PI2 BPSK	135	0		13.96			15.0	0.0
100	PI2 BPSK	135	69		13.88				
100	PI2 BPSK	135	138		13.96				
100	PI2 BPSK	270	0		13.87				
100	QPSK	1	1		13.94			15.0	0.0
100	QPSK	1	137		13.21				
100	QPSK	1	271		13.34				
100	QPSK	135	0		14.02				
100	QPSK	135	69		14.14			15.0	0.0
100	QPSK	135	138		13.87				
100	QPSK	270	0		13.66				
100	16QAM	1	1		13.75			15.0	0.0
100	64QAM	1	1		13.03			15.0	0.0
100	256QAM	1	1		13.27			15.0	0.0
Channel 633000									
Frequency (MHz)									
90	QPSK	1	123	3495	3600.01	3605.02	limit (dBm)	MPR (dB)	
				13.42	13.73	13.74	limit (dBm)	15.0	0.0
Channel 632668									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3600.01	3510	limit (dBm)	MPR (dB)	
				13.42	13.66	13.66	limit (dBm)	15.0	0.0
Channel 632334									
Frequency (MHz)									
70	QPSK	1	95	3485.01	3600.01	3515.01	limit (dBm)	MPR (dB)	
				13.55	13.86	13.80	limit (dBm)	15.0	0.0
Channel 632000									
Frequency (MHz)									
60	QPSK	1	81	3480	3600.01	3520.02	limit (dBm)	MPR (dB)	
				13.45	13.82	13.68	limit (dBm)	15.0	0.0
Channel 631668									
Frequency (MHz)									
50	QPSK	1	67	3475.02	3600.01	3525	limit (dBm)	MPR (dB)	
				13.53	13.73	13.70	limit (dBm)	15.0	0.0
Channel 631334									
Frequency (MHz)									
40	QPSK	1	53	3470.01	3600.01	3530.01	limit (dBm)	MPR (dB)	
				13.34	13.65	13.59	limit (dBm)	15.0	0.0
Channel 631000									
Frequency (MHz)									
30	QPSK	1	39	3465	3600.01	3535.02	limit (dBm)	MPR (dB)	
				13.35	13.83	13.80	limit (dBm)	15.0	0.0
Channel 630668									
Frequency (MHz)									
20	QPSK	1	26	3460.02	3600.01	3540	limit (dBm)	MPR (dB)	
				13.44	13.84	13.71	limit (dBm)	15.0	0.0
Channel 630334									
Frequency (MHz)									
15	QPSK	1	19	3455.01	3600.01	3545.02	limit (dBm)	MPR (dB)	
				13.35	13.76	13.73	limit (dBm)	15.0	0.0
Channel 630034									
Frequency (MHz)									
10	QPSK	1	12	3453.4	3600.01	3545.01	limit (dBm)	MPR (dB)	
				13.34	13.72	13.68	limit (dBm)	15.0	0.0



n2 SA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq.	Power Middle Ch. 1 Freq.	Power High Ch. 1 Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				375000	376000	376000			
Frequency (MHz)				1862.5	1880	1895			
30	Pi2 BPSK	1	1	20.07	20.28	20.09			
30	Pi2 BPSK	1	80	20.39	20.37	20.08	22.0	0.0	
30	Pi2 BPSK	1	168	19.99	20.32	19.89			
30	Pi2 BPSK	80	0	19.78	20.02	19.74	22.0	0.0	
30	Pi2 BPSK	80	40	20.24	20.25	20.08	22.0	0.0	
30	Pi2 BPSK	80	80	19.63	19.82	19.62	22.0	0.0	
30	Pi2 BPSK	160	0	19.93	19.97	19.44			
30	QPSK	1	1	20.14	20.34	20.05			
30	QPSK	1	80	20.31	20.16	20.08	22.0	0.0	
30	QPSK	1	168	20.22	20.06	20.08			
30	QPSK	80	0	19.19	19.09	19.07	22.0	0.0	
30	QPSK	80	40	20.21	20.40	20.25	22.0	0.0	
30	QPSK	80	80	19.11	19.18	18.87	22.0	0.0	
30	QPSK	160	0	19.12	19.45	19.44	22.0	0.0	
30	16QAM	1	1	20.25	20.35	20.22	22.0	0.0	
30	64QAM	1	1	19.49	19.51	19.53	21.5	0.5	
30	256QAM	1	1	19.25	19.14	19.44	19.5	2.5	
Channel				372500	376000	376500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	22.0	0.0	
25	Pi2 BPSK	1	1	20.33	20.31	20.24			
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1900			
20	Pi2 BPSK	1	1	20.11	20.25	20.23			
20	Pi2 BPSK	1	53	20.36	20.45	20.18	22.0	0.0	
20	Pi2 BPSK	1	104	20.04	20.24	19.98			
20	Pi2 BPSK	50	0	19.98	19.93	19.96	22.0	0.0	
20	Pi2 BPSK	50	28	20.40	20.41	20.15	22.0	0.0	
20	Pi2 BPSK	50	56	19.69	19.75	19.59	22.0	0.0	
20	Pi2 BPSK	100	0	19.88	19.88	19.54	22.0	0.0	
20	QPSK	1	1	20.26	20.49	20.20			
20	QPSK	1	53	20.27	20.24	20.27	22.0	0.0	
20	QPSK	1	104	20.18	20.34	20.09			
20	QPSK	50	0	19.39	19.30	19.10	22.0	0.0	
20	QPSK	50	28	20.39	20.51	20.31	22.0	0.0	
20	QPSK	50	56	19.24	19.22	19.07	22.0	0.0	
20	QPSK	100	0	19.28	19.41	19.39	22.0	0.0	
20	16QAM	1	1	20.30	20.32	20.38	22.0	0.0	
20	64QAM	1	1	19.46	19.47	19.51	21.5	0.5	
20	256QAM	1	1	19.31	19.25	19.36	19.5	2.5	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5	22.0	0.0	
15	Pi2 BPSK	1	1	20.33	20.32	20.18			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel				370500	376000	381500	Tune-up	MPR	

n2 NSA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq.	Power Middle Ch. 1 Freq.	Power High Ch. 1 Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				375000	376000	376000			
Frequency (MHz)				1865	1880	1895			
30	Pi2 BPSK	1	1	17.41	17.42	17.50			
30	Pi2 BPSK	1	80	17.46	17.38	17.14	19.0	0.0	
30	Pi2 BPSK	1	168	17.32	17.17	17.13			
30	Pi2 BPSK	80	0	17.17	17.19	17.19	19.0	0.0	
30	Pi2 BPSK	80	40	17.34	17.33	17.32	19.0	0.0	
30	Pi2 BPSK	80	80	17.09	17.45	17.26	19.0	0.0	
30	Pi2 BPSK	160	0	17.10	17.10	17.02	19.0	0.0	
30	QPSK	1	1	17.33	17.37	17.21			
30	QPSK	1	80	17.32	17.51	17.46	19.0	0.0	
30	QPSK	1	168	17.15	17.42	17.32			
30	QPSK	80	0	17.10	17.10	17.02	19.0	0.0	
30	QPSK	80	40	17.32	17.49	17.39	19.0	0.0	
30	QPSK	80	80	17.10	17.10	17.02	19.0	0.0	
30	QPSK	160	0	17.27	17.41	17.50			
30	16QAM	1	1	17.20	17.25	17.40	19.0	0.0	
30	64QAM	1	1	17.15	17.45	17.38	19.0	0.0	
30	256QAM	1	1	17.27	17.41	17.50	19.0	0.0	
Channel				372500	376000	376500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	19.0	0.0	
25	Pi2 BPSK	1	1	17.10	17.10	17.08			
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1880	1880	1900			
20	Pi2 BPSK	1	1	17.32	17.58	17.27			
20	Pi2 BPSK	1	53	17.56	17.51	17.26	19.0	0.0	
20	Pi2 BPSK	1	104	17.45	17.38	17.31			
20	Pi2 BPSK	50	0	17.12	17.03	17.16	19.0	0.0	
20	Pi2 BPSK	50	28	17.44	17.52	17.36	19.0	0.0	
20	Pi2 BPSK	50	56	16.91	16.81	16.75	19.0	0.0	
20	Pi2 BPSK	100	0	16.90	17.03	16.94	19.0	0.0	
20	QPSK	1	1	17.35	17.61	17.34			
20	QPSK	1	53	17.63	17.55	17.53	19.0	0.0	
20	QPSK	1	104	17.24	17.61	17.24			
20	QPSK	50	0	17.31	17.35	17.23	19.0	0.0	
20	QPSK	50	28	17.37	17.65	17.39	19.0	0.0	
20	QPSK	50	56	17.09	17.45	17.29	19.0	0.0	
20	QPSK	100	0	17.31	17.61	17.15	19.0	0.0	
20	16QAM	1	1	17.35	17.28	17.33	19.0	0.0	
20	64QAM	1	1	17.37	17.44	17.43	19.0	0.0	
20	256QAM	1	1	17.39	17.54	17.47	19.0	0.0	
Channel				371500	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5	19.0	0.0	
15	Pi2 BPSK	1	1	17.31	17.35	17.23			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1880	1905			
10	Pi2 BPSK	1	1	17.09	17.45	17.29	19.0	0.0	
Channel				370500	376000	381500	Tune-up	MPR	

n25 SA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. 1 Freq.	Power Middle Ch. 1 Freq.	Power High Ch. 1 Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				375000	376500	379000			
Frequency (MHz)				1870	1862.5	1895			
40	P2 BPSK	1	1	20.03	19.99	20.02			
40	P2 BPSK	1	108	20.33	20.26	20.22	22.0	0.0	
40	P2 BPSK	1	214	19.93	20.12	20.06			
40	P2 BPSK	108	0	20.16	19.98	20.09	22.0	0.0	
40	P2 BPSK	108	54	20.30	20.47	20.34	22.0	0.0	
40	P2 BPSK	108	108	20.07	20.09	20.13	22.0	0.0	
40	P2 BPSK	216	0	20.12	20.25	20.14			
40	QPSK	1	1	19.98	20.09	20.15			
40	QPSK	1	108	20.34	20.28	20.28	22.0	0.0	
40	QPSK	1	214	20.12	20.04	19.96			
40	QPSK	108	0	20.10	20.06	20.03	22.0	0.0	
40	QPSK	108	54	20.50	20.84	20.42	22.0	0.0	
40	QPSK	108	108	20.30	20.33	20.24	22.0	0.0	
40	QPSK	216	0	20.10	20.36	20.09			
40	16QAM	1	1	20.11	20.10	20.14	22.0	0.0	
40	64QAM	1	1	19.02	19.01	19.05	21.5	0.5	
40	256QAM	1	1	17.92	18.00	17.88	19.5	2.5	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1862.5	1900			
30	QPSK	1	1	20.33	20.41	20.34	22.0	0.0	
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1862.5	1892.5			
25	QPSK	1	1	20.27	20.28	20.20	22.0	0.0	
Channel				374000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1862.5	1900			
20	QPSK	1	1	20.22	20.39	20.21	22.0	0.0	
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1862.5	1907.5			
15	QPSK	1	1	20.47	20.20	20.05	22.0	0.0	
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1862.5	1910			
10	QPSK	1	1	20.26	20.19	20.13	22.0	0.0	
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1862.5	1912.5			
5	QPSK	1	1	20.26	20.35	20.20	22.0	0.0	



n25 NSA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	379000			
Frequency (MHz)				1870	1882.5	1895			
40	PI2 BPSK	1	1	17.03	17.07	17.22			
40	PI2 BPSK	1	108	17.59	17.65	17.33	19.0	0.0	
40	PI2 BPSK	1	214	17.09	17.20	17.10			
40	PI2 BPSK	108	0	17.20	17.07	17.06	19.0	0.0	
40	PI2 BPSK	108	54	17.46	17.09	17.48	19.0	0.0	
40	PI2 BPSK	108	108	17.10	17.28	17.10	19.0	0.0	
40	PI2 BPSK	216	0	17.07	17.03	17.07			
40	QPSK	1	1	17.13	17.69	17.00			
40	QPSK	1	108	17.45	17.54	17.63	19.0	0.0	
40	QPSK	1	214	17.20	17.13	17.13			
40	QPSK	108	0	17.13	17.20	17.13	19.0	0.0	
40	QPSK	108	54	17.69	17.70	17.54	19.0	0.0	
40	QPSK	108	108	17.44	17.63	17.61	19.0	0.0	
40	QPSK	216	0	17.44	17.50	17.32			
40	16QAM	1	1	17.07	17.59	17.11	19.0	0.0	
40	64QAM	1	1	17.36	17.36	17.26	19.0	0.0	
40	256QAM	1	1	17.44	17.50	17.32	19.0	0.0	
Channel				373000	376500	380000	1000000	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900			
30	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	
Channel				372500	376500	380500	1000000	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5			
25	QPSK	1	1	17.00	17.48	17.18	19.0	0.0	
Channel				372000	376500	381000	1000000	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905			
20	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	
Channel				371500	376500	381500	1000000	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5			
15	QPSK	1	1	17.06	17.66	17.26	19.0	0.0	
Channel				371000	376500	382000	1000000	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910			
10	QPSK	1	1	17.09	17.68	17.28	19.0	0.0	
Channel				370500	376500	382500	1000000	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5			
5	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	

n30 NSA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				461000	462000	463000			
Frequency (MHz)				2310					
10	PI2 BPSK	1	1	14.47					
10	PI2 BPSK	1	26	14.47			16.5	0.0	
10	PI2 BPSK	1	50	14.54					
10	PI2 BPSK	25	0	14.41			16.5	0.0	
10	PI2 BPSK	25	14	14.59			16.5	0.0	
10	PI2 BPSK	25	27	14.43			16.5	0.0	
10	PI2 BPSK	50	0	14.44					
10	QPSK	1	1	14.61					
10	QPSK	1	26	14.51			16.5	0.0	
10	QPSK	1	50	14.52					
10	QPSK	25	0	14.44			16.5	0.0	
10	QPSK	25	14	14.59			16.5	0.0	
10	QPSK	25	27	14.56			16.5	0.0	
10	QPSK	50	0	14.58					
10	16QAM	1	1	14.58			16.5	0.0	
10	64QAM	1	1	14.59			16.5	0.0	
10	256QAM	1	1	14.54			16.5	0.0	
Channel				461500	462000	462500	1000000	MPR (dB)	
Frequency (MHz)				2307.5	2310	2312.5			
5	QPSK	1	1	14.52	14.58	14.53	16.5	0.0	

n66 SA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	PI2 BPSK	1	1	18.63	18.67	18.54			
40	PI2 BPSK	1	108	19.26	19.39	19.04	21.0	0.0	
40	PI2 BPSK	1	214	18.41	18.56	18.44			
40	PI2 BPSK	108	0	19.03	19.15	19.08	21.0	0.0	
40	PI2 BPSK	108	54	19.08	19.17	19.02	21.0	0.0	
40	PI2 BPSK	108	108	19.17	19.17	19.20	21.0	0.0	
40	PI2 BPSK	216	0	17.95	18.22	18.03			
40	QPSK	1	1	19.32	19.46	19.20			
40	QPSK	1	108	19.23	19.27	19.08	21.0	0.0	
40	QPSK	1	214	19.09	19.21	19.10			
40	QPSK	108	0	17.48	17.80	17.74	21.0	0.0	
40	QPSK	108	54	19.47	19.56	19.40	21.0	0.0	
40	QPSK	108	108	17.67	17.84	17.45	21.0	0.0	
40	QPSK	216	0	19.31	19.35	19.24			
40	16QAM	1	1	18.48	18.36	18.25	21.0	0.0	
40	64QAM	1	1	18.45	18.46	18.46	21.0	0.0	
40	256QAM	1	1	17.56	17.60	17.65	19.5	1.5	
Channel				345000	349000	353000	1000000	MPR (dB)	
Frequency (MHz)				1725	1745	1765			
30	QPSK	1	1	18.45	19.21	18.66	21.0	0.0	
Channel				344500	349000	353500	1000000	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5			
25	QPSK	1	1	18.48	19.29	18.88	21.0	0.0	
Channel				344000	349000	354000	1000000	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	1	18.72	19.31	18.64	21.0	0.0	
Channel				343500	349000	354500	1000000	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	1	18.65	19.29	18.90	21.0	0.0	
Channel				343000	349000	355000	1000000	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	1	18.63	19.15	18.74	21.0	0.0	
Channel				342500	349000	355500	1000000	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	1	18.59	18.97	18.64	21.0	0.0	



n66 NSA DSI7 Ant0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000			
Frequency (MHz)				1720	1745	1760			
40	Pi/2 BPSK	1	1	13.84	13.83	13.50			
40	Pi/2 BPSK	1	108	14.22	14.37	14.43	16.0		
40	Pi/2 BPSK	1	214	13.46	13.89	13.46			
40	Pi/2 BPSK	108	0	13.34	13.32	13.26	16.0		
40	Pi/2 BPSK	108	54	14.13	14.41	14.39	16.0		
40	Pi/2 BPSK	108	108	13.46	13.45	13.26	16.0		
40	Pi/2 BPSK	216	0	13.31	13.41	13.53			
40	QPSK	1	1	14.32	14.48	14.44			
40	QPSK	1	108	13.86	13.80	14.06	16.0		
40	QPSK	1	214	13.79	13.78	13.63			
40	QPSK	108	0	12.72	12.72	12.78	16.0		
40	QPSK	108	54	14.46	14.71	14.51	16.0		
40	QPSK	108	108	12.85	12.92	12.83	16.0		
40	QPSK	216	0	13.57	14.30	13.54			
40	16QAM	1	1	13.48	13.30	13.26	16.0		
40	64QAM	1	1	13.32	13.52	13.44	16.0		
40	256QAM	1	1	13.97	13.96	14.06	16.0		
Channel				349000	349000	353000	160000	MPR (dB)	
Frequency (MHz)				1725	1745	1765	limit		
30	QPSK	1	1	14.22	14.25	14.42	16.0		
Channel				345000	349000	353000	160000	MPR (dB)	
Frequency (MHz)				1722.5	1745	1767.5	limit		
25	QPSK	1	1	14.28	14.37	14.29	16.0		
Channel				348000	349000	354000	160000	MPR (dB)	
Frequency (MHz)				1720	1745	1770	limit		
20	QPSK	1	1	14.36	14.32	14.29	16.0		
Channel				343000	349000	354000	160000	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	limit		
15	QPSK	1	1	14.10	14.31	14.38	16.0		
Channel				343000	349000	360000	160000	MPR (dB)	
Frequency (MHz)				1715	1745	1775	limit		
10	QPSK	1	1	14.14	14.35	14.27	16.0		
Channel				342000	349000	355000	160000	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	limit		
5	QPSK	1	1	14.12	14.24	14.18	16.0		

n70 DSI7 Ant0									
BW [MHz]	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				
Frequency (MHz)				1702.5					
15	Pi/2 BPSK	1	1	19.48					
15	Pi/2 BPSK	1	40	19.43			20.5		
15	Pi/2 BPSK	1	77	19.22					
15	Pi/2 BPSK	36	0	18.92			20.5		
15	Pi/2 BPSK	36	22	19.48			20.5		
15	Pi/2 BPSK	36	63	18.98			20.5		
15	Pi/2 BPSK	75	0	18.91					
15	QPSK	1	1	19.46					
15	QPSK	1	40	19.44			20.5		
15	QPSK	1	77	19.36					
15	QPSK	36	0	18.26			20.5		
15	QPSK	36	22	19.62			20.5		
15	QPSK	36	63	18.63			20.5		
15	QPSK	75	0	19.23					
15	16QAM	1	1	18.81			20.5		
15	64QAM	1	1	18.99			20.5		
15	256QAM	1	1	17.45			19.0		
Channel				346000	349000	349000	160000	MPR (dB)	
Frequency (MHz)				1700	1702.5	1705	limit		
10	QPSK	1	1	19.77	19.78	19.71	20.5		
Channel				339000	345000	345000	160000	MPR (dB)	
Frequency (MHz)				1687.5	1702.5	1707.5	limit		
5	QPSK	1	1	19.59	19.48	19.62	20.5		

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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				509202	518598	528000	24.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	22.07	22.36	22.17		
100	Pi/2 BPSK	1	137	22.94	22.97	22.93	24.0	0.0
100	Pi/2 BPSK	1	271	22.86	23.06	23.00		
100	Pi/2 BPSK	135	0	22.97	23.01	22.72		
100	Pi/2 BPSK	135	69	22.01	22.27	22.15	24.0	0.0
100	Pi/2 BPSK	135	138	22.86	22.96	22.85		
100	Pi/2 BPSK	270	0	22.88	22.97	23.02		
100	QPSK	1	1	22.92	23.07	22.74	24.0	0.0
100	QPSK	1	137	22.04	22.24	22.20		
100	QPSK	1	271	22.87	22.94	22.86		
100	QPSK	135	0	22.90	23.09	23.01	24.0	0.0
100	QPSK	135	69	22.86	22.98	22.78		
100	QPSK	135	138	22.06	22.30	22.28		
100	QPSK	270	0	22.84	22.93	22.88	24.0	0.0
100	16QAM	1	1	22.81	23.01	22.97		
100	64QAM	1	1	22.97	23.04	22.73		
100	256QAM	1	1	21.07	21.30	21.26	23.0	1.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2640.99		
80	QPSK	1	1	22.61	22.74	22.60		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	22.72	22.87	22.81		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	22.76	22.77	22.60		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	22.64	22.72	22.75		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	22.72	22.81	22.84		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	22.73	22.73	22.59		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	22.80	22.75	22.64		
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	22.33	22.27	22.37		
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	22.74	22.85	22.45		

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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				509202	518598	528000	20.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	Pi/2 BPSK	1	1	18.89	19.10	19.01		
100	Pi/2 BPSK	1	137	18.97	19.08	18.86	20.5	0.0
100	Pi/2 BPSK	1	271	18.83	19.25	18.92		
100	Pi/2 BPSK	135	0	18.90	18.95	18.85		
100	Pi/2 BPSK	135	69	18.76	18.73	18.98	20.5	0.0
100	Pi/2 BPSK	135	138	18.88	19.06	18.75		
100	Pi/2 BPSK	270	0	18.60	18.93	18.82		
100	QPSK	1	1	19.17	19.33	19.23	20.5	0.0
100	QPSK	1	137	18.06	18.20	18.14		
100	QPSK	1	271	18.35	18.40	18.18		
100	QPSK	135	0	18.30	18.42	18.36	20.5	0.0
100	QPSK	135	69	19.09	19.42	19.21		
100	QPSK	135	138	18.23	18.26	18.21		
100	QPSK	270	0	18.08	18.10	18.05	20.5	0.0
100	16QAM	1	1	18.15	18.13	18.04		
100	64QAM	1	1	18.07	18.17	18.13		
100	256QAM	1	1	18.18	18.08	18.14	20.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2640.99		
80	QPSK	1	1	19.00	19.24	19.10		
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	19.11	19.28	19.02		
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	18.95	19.16	19.11		
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	19.04	19.07	19.16		
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	19.04	19.16	19.05		
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	18.99	19.24	18.98		
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	18.95	19.30	18.99		
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	18.95	19.23	18.97		
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	18.97	19.17	19.11		



n2 NSA DSI7 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				375000	376000	379000		
Frequency (MHz)								
30	P12 BPSK	1	1	14.94	15.24	15.45		
30	P12 BPSK	1	80	15.11	15.40	14.98	16.5	0.0
30	P12 BPSK	1	158	15.11	15.16	15.15		
30	P12 BPSK	80	0	14.96	14.79	14.75	16.5	0.0
30	P12 BPSK	80	40	15.23	15.16	15.12	16.5	0.0
30	P12 BPSK	80	80	14.37	14.64	14.56	16.5	0.0
30	P12 BPSK	160	0	14.78	14.73	14.73		
30	QPSK	1	1	15.18	15.42	14.98		
30	QPSK	1	80	15.13	15.39	15.19	16.5	0.0
30	QPSK	1	158	15.17	15.31	15.02		
30	QPSK	80	0	14.26	14.26	13.97	16.5	0.0
30	QPSK	80	40	15.32	15.38	15.14	16.5	0.0
30	QPSK	80	80	14.03	14.23	14.07		
30	QPSK	160	0	14.28	14.26	14.09	16.5	0.0
30	16QAM	1	1	15.19	15.15	15.17	16.5	0.0
30	64QAM	1	1	15.31	15.20	15.21	16.5	0.0
30	256QAM	1	1	15.91	15.70	15.79	16.5	0.0
Channel				372500	376000	379500	limit (dBm)	MPR (dB)
Frequency (MHz)								
25	P12 BPSK	1	1	15.42	15.40	15.02	-7.5	0.0
Channel				372000	376000	380000	limit (dBm)	MPR (dB)
Frequency (MHz)								
20	P12 BPSK	1	1	15.03	15.27	15.29		
20	P12 BPSK	1	53	15.21	15.21	15.39	16.5	0.0
20	P12 BPSK	1	104	15.13	15.23	15.13		
20	P12 BPSK	50	0	14.84	14.89	14.91	16.5	0.0
20	P12 BPSK	50	28	15.37	15.30	15.50	16.5	0.0
20	P12 BPSK	50	56	14.62	14.65	14.43	16.5	0.0
20	P12 BPSK	100	0	14.90	14.94	14.87		
20	QPSK	1	1	15.39	15.47	15.00		
20	QPSK	1	53	14.96	15.18	15.25	16.5	0.0
20	QPSK	1	104	15.20	15.28	15.02		
20	QPSK	50	0	14.22	14.47	14.08	16.5	0.0
20	QPSK	50	28	15.26	15.53	15.52	16.5	0.0
20	QPSK	50	56	14.30	14.27	14.11	16.5	0.0
20	QPSK	100	0	14.43	14.51	14.18	16.5	0.0
20	16QAM	1	1	15.17	15.17	15.16	16.5	0.0
20	64QAM	1	1	15.34	15.08	15.06	16.5	0.0
20	256QAM	1	1	15.53	15.10	15.24	16.5	0.0
Channel				371500	376000	380500	limit (dBm)	MPR (dB)
Frequency (MHz)								
15	P12 BPSK	1	1	15.14	15.19	15.11	16.5	0.0
Channel				371000	376000	381000	limit (dBm)	MPR (dB)
Frequency (MHz)								
10	P12 BPSK	1	1	15.90	15.29	15.10	16.5	0.0
Channel				370500	376000	381500	limit (dBm)	MPR (dB)
Frequency (MHz)								
5	P12 BPSK	1	1	15.41	15.36	14.67	16.5	0.0

n5 NSA DSI7 Ant1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					167300				
Frequency (MHz)									
25	P12 BPSK	1	1		636.5				
25	P12 BPSK	1	67		20.89		22.0	0.0	
25	P12 BPSK	1	131		20.70				
25	P12 BPSK	64	0		20.46		22.0	0.0	
25	P12 BPSK	64	32		20.84		22.0	0.0	
25	P12 BPSK	64	64		20.36		22.0	0.0	
25	P12 BPSK	128	0		20.42				
25	QPSK	1	1		20.91				
25	QPSK	1	67		20.50		22.0	0.0	
25	QPSK	1	131		20.69				
25	QPSK	64	0		20.87		22.0	0.0	
25	QPSK	64	32		20.94		22.0	0.0	
25	QPSK	64	64		20.35		22.0	0.0	
25	QPSK	128	0		20.84				
25	16QAM	1	1		20.56		22.0	0.0	
25	64QAM	1	1		20.14		21.5	0.5	
25	256QAM	1	1		18.71		19.5	2.5	
Channel				166800	167300	167800	limit (dBm)	MPR (dB)	
Frequency (MHz)									
20	QPSK	1	1		634	636.5	639	0.0	
Channel				166300	167300	168300	limit (dBm)	MPR (dB)	
Frequency (MHz)									
15	QPSK	1	1		20.78	20.76	20.74	22.0	0.0
Channel				165800	167300	168800	limit (dBm)	MPR (dB)	
Frequency (MHz)									
10	QPSK	1	1		20.58	20.56	20.64	22.0	0.0
Channel				165300	167300	169300	limit (dBm)	MPR (dB)	
Frequency (MHz)									
5	QPSK	1	1		20.73	20.71	20.54	22.0	0.0

n25 NSA DSI7 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				374000	376000	379000		
Frequency (MHz)								
40	P12 BPSK	1	1	14.97	14.82	14.95		
40	P12 BPSK	1	108	15.49	15.76	15.46	16.5	0.0
40	P12 BPSK	1	214	14.79	14.84	14.93		
40	P12 BPSK	108	0	14.76	14.90	14.69	16.5	0.0
40	P12 BPSK	108	54	15.44	15.51	15.50	16.5	0.0
40	P12 BPSK	108	108	14.80	15.05	14.86	16.5	0.0
40	P12 BPSK	216	0	14.97	14.94	15.14		
40	QPSK	1	1	15.63	15.65	15.64		
40	QPSK	1	108	14.57	14.59	14.83	16.5	0.0
40	QPSK	1	214	15.20	15.31	15.14		
40	QPSK	108	0	14.55	14.52	14.57	16.5	0.0
40	QPSK	108	54	15.47	15.51	15.57	16.5	0.0
40	QPSK	108	108	14.54	14.54	14.55	16.5	0.0
40	QPSK	216	0	15.00	15.36	15.04		
40	16QAM	1	1	14.93	14.88	14.70	16.5	0.0
40	64QAM	1	1	14.80	14.95	14.88	16.5	0.0
40	256QAM	1	1	15.26	15.55	15.27	16.5	0.0
Channel				373000	376000	380000	limit (dBm)	MPR (dB)
Frequency (MHz)								
30	QPSK	1	1	15.45	15.58	15.38	16.5	0.0
Channel				372500	376000	380500	limit (dBm)	MPR (dB)
Frequency (MHz)								
25	QPSK	1	1	15.44	15.57	15.48	16.5	0.0
Channel				372000	376000	381000	limit (dBm)	MPR (dB)
Frequency (MHz)								
20	QPSK	1	1	15.49	15.37	15.50	16.5	0.0
Channel				371500	376000	381500	limit (dBm)	MPR (dB)
Frequency (MHz)								
15	QPSK	1	1	15.34	15.50	15.51	16.5	0.0
Channel				371000	376000	382000	limit (dBm)	MPR (dB)
Frequency (MHz)								
10	QPSK	1	1	15.53	15.50	15.50	16.5	0.0
Channel				370500	376000	382500	limit (dBm)	MPR (dB)
Frequency (MHz)								
5	QPSK	1	1	15.54	15.34	15.55	16.5	0.0



n30 NSA DS17 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				340000				
Frequency (MHz)				2310				
10	Pi/2 BPSK	1	1	12.50			14.0	0.0
10	Pi/2 BPSK	1	26	12.85				
10	Pi/2 BPSK	1	50	12.85				
10	Pi/2 BPSK	25	0	12.33			14.0	0.0
10	Pi/2 BPSK	25	14	12.81			14.0	0.0
10	Pi/2 BPSK	25	27	12.45			14.0	0.0
10	Pi/2 BPSK	50	0	12.51			14.0	0.0
10	QPSK	1	1	12.92				
10	QPSK	1	26	12.89				
10	QPSK	1	50	12.91			14.0	0.0
10	QPSK	25	0	12.08			14.0	0.0
10	QPSK	25	14	13.00			14.0	0.0
10	QPSK	25	27	12.04			14.0	0.0
10	QPSK	50	0	12.05			14.0	0.0
10	16QAM	1	1	12.37				
10	64QAM	1	1	12.35				
10	256QAM	1	1	12.91			14.0	0.0
Channel				461500	462000	462500	14.0	0.0
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	12.69	12.78	12.69	14.0	0.0

n66 NSA DS17 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				340000				
Frequency (MHz)				1720		1745	1765	
40	Pi/2 BPSK	1	1	17.15	17.27	17.13	19.0	0.0
40	Pi/2 BPSK	1	108	17.74	17.87	17.68		
40	Pi/2 BPSK	1	214	17.19	17.45	17.29		
40	Pi/2 BPSK	108	0	17.07	17.01	17.11	19.0	0.0
40	Pi/2 BPSK	108	54	17.72	17.99	17.74	19.0	0.0
40	Pi/2 BPSK	108	108	17.21	17.03	17.13	19.0	0.0
40	Pi/2 BPSK	216	0	17.03	17.03	17.09	19.0	0.0
40	QPSK	1	1	17.79	18.06	17.67		
40	QPSK	1	108	17.38	17.24	17.35		
40	QPSK	1	214	17.03	17.19	17.15	19.0	0.0
40	QPSK	108	0	16.46	16.27	16.34		
40	QPSK	108	54	17.50	18.09	17.80		
40	QPSK	108	108	16.45	16.25	16.31	19.0	0.0
40	QPSK	216	0	16.89	17.02	16.86	19.0	0.0
40	16QAM	1	1	17.09	16.95	17.05		
40	64QAM	1	1	17.05	16.99	17.09		
40	256QAM	1	1	17.74	17.79	17.75	19.0	0.0
Channel				340000	340000	350000	14.0	0.0
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	17.57	17.56	17.53	19.0	0.0
Channel				340000	340000	350000	14.0	0.0
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	17.79	17.89	17.48	19.0	0.0
Channel				340000	340000	350000	14.0	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	17.83	18.02	17.77	19.0	0.0
Channel				340000	340000	350000	14.0	0.0
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	17.60	18.17	17.57	19.0	0.0
Channel				340000	340000	350000	14.0	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	17.72	17.59	17.72	19.0	0.0
Channel				342500	340000	350000	14.0	0.0
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	17.58	17.84	17.62	19.0	0.0

n41 PC2&3 NSA DSI7 Ant1								
BW [MHz]	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	15.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	14.24	14.43	14.16	15.0	0.0
100	PI/2 BPSK	1	137	14.07	14.34	14.12		
100	PI/2 BPSK	1	271	14.15	14.43	14.24	15.0	0.0
100	PI/2 BPSK	135	0	14.04	14.32	14.09		
100	PI/2 BPSK	135	69	14.01	14.14	14.16	15.0	0.0
100	PI/2 BPSK	135	138	13.98	14.18	14.03		
100	PI/2 BPSK	270	0	13.92	14.09	13.91	15.0	0.0
100	QPSK	1	1	13.45	14.31	13.41		
100	QPSK	1	137	14.29	14.28	14.28	15.0	0.0
100	QPSK	1	271	13.61	13.51	13.43		
100	QPSK	135	0	14.04	13.99	14.06	15.0	0.0
100	QPSK	135	69	14.21	14.47	14.20		
100	QPSK	135	138	14.11	14.05	14.00	15.0	0.0
100	QPSK	270	0	14.05	14.06	14.03		
100	16QAM	1	1	13.21	13.23	13.20	15.0	0.0
100	64QAM	1	1	13.24	13.32	13.28		
100	256QAM	1	1	14.02	13.90	13.86	15.0	0.0
Channel				507204	518598	529998	15.0	0.0
Frequency (MHz)				2536.02	2592.99	2648.99		
80	QPSK	1	1	13.27	14.46	13.27	15.0	0.0
Channel				506202	518598	531000		
Frequency (MHz)				2531.01	2592.99	2655	15.0	0.0
70	QPSK	1	1	13.29	14.45	13.41		
Channel				505200	518598	531996	15.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	13.24	14.31	13.35	15.0	0.0
Channel				504204	518598	532998		
Frequency (MHz)				2521.02	2592.99	2664.99	15.0	0.0
50	QPSK	1	1	13.44	14.41	13.32		
Channel				503202	518598	534000	15.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	13.42	14.12	13.35	15.0	0.0
Channel				502200	518598	534996		
Frequency (MHz)				2511	2592.99	2674.98	15.0	0.0
30	QPSK	1	1	13.17	14.35	13.22		
Channel				501204	518598	535998	15.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	13.23	14.26	13.14	15.0	0.0
Channel				500700	518598	536496		
Frequency (MHz)				2503.5	2592.99	2682.48	15.0	0.0
15	QPSK	1	1	13.18	14.36	13.10		
Channel				500202	518598	537000	15.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	13.20	14.32	13.09	15.0	0.0



Par270 n77 PC2&3 SA DSI7 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pl2 BPSK	1	1	17.59	17.62	17.29			
100	Pl2 BPSK	1	137	16.76	16.89	16.53	18.5		
100	Pl2 BPSK	1	271	17.24	17.39	17.08			
100	Pl2 BPSK	135	0	17.50	17.53	17.32	18.5		
100	Pl2 BPSK	135	69	17.36	17.75	17.37	18.5		
100	Pl2 BPSK	135	138	17.33	17.35	17.29	18.5		
100	Pl2 BPSK	270	0	16.75	16.75	16.55			
100	QPSK	1	1	17.55	17.80	17.57			
100	QPSK	1	137	16.86	17.00	16.74	18.5		
100	QPSK	1	271	17.48	17.60	17.35			
100	QPSK	135	0	17.59	17.69	17.42	18.5		
100	QPSK	135	69	17.57	17.89	17.47	18.5		
100	QPSK	135	138	16.98	17.05	16.67	18.5		
100	QPSK	270	0	16.99	17.05	16.67			
100	16QAM	1	1	17.52	17.53	17.31	18.5		
100	64QAM	1	1	17.62	17.76	17.48	18.5		
100	256QAM	1	1	16.94	17.22	17.02	18.5		
Channel				648668	656000	662334	1000000	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
80	QPSK	1	123	17.49	17.75	17.54	18.5		
Channel				648534	656000	662668	1000000	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	17.31	17.54	17.32	18.5		
Channel				650968	656000	663334	1000000	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	limit (dBm)		
60	QPSK	1	81	17.46	17.61	17.45	18.5		
Channel				648334	656000	663668	1000000	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	limit (dBm)		
50	QPSK	1	67	17.33	17.62	17.44	18.5		
Channel				648000	656000	664000	1000000	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	17.33	17.57	17.49	18.5		
Channel				647334	656000	664668	1000000	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	17.51	17.67	17.48	18.5		
Channel				647168	656000	664834	1000000	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	17.45	17.59	17.34	18.5		
Channel				647000	656000	665000	1000000	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	17.38	17.69	17.54	18.5		

Par270 n77 PC2&3 NSA DSI7 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				655000	656000	662000			
Frequency (MHz)				3750	3840	3930			
100	Pl2 BPSK	1	1	13.57	13.54	13.26	15.0		
100	Pl2 BPSK	1	137	13.88	14.20	14.00			
100	Pl2 BPSK	1	271	13.40	13.44	13.21	15.0		
100	Pl2 BPSK	135	0	13.73	13.62	13.62			
100	Pl2 BPSK	135	69	14.15	14.42	13.98	15.0		
100	Pl2 BPSK	135	138	13.57	13.91	13.49	15.0		
100	Pl2 BPSK	270	0	13.84	14.13	14.18	15.0		
100	QPSK	1	1	14.08	14.34	13.94	15.0		
100	QPSK	1	137	14.00	14.04	13.83			
100	QPSK	1	271	13.56	13.84	13.48	15.0		
100	QPSK	135	0	13.13	13.36	12.93			
100	QPSK	135	69	14.35	14.53	14.35	15.0		
100	QPSK	135	138	12.86	13.06	12.80	15.0		
100	QPSK	270	0	12.98	13.24	12.95	15.0		
100	16QAM	1	1	13.17	13.40	13.21	15.0		
100	64QAM	1	1	13.62	14.13	13.74	15.0		
100	256QAM	1	1	13.37	13.23	13.10	15.0		
Channel				648668	656000	662334	1000000	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
80	QPSK	1	123	14.04	14.22	13.83	15.0		
Channel				648534	656000	662668	1000000	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	14.02	14.30	13.68	15.0		
Channel				648668	656000	662334	1000000	MPR (dB)	
Frequency (MHz)				3730.02	3840	3950.01	limit (dBm)		
60	QPSK	1	81	13.95	14.30	13.79	15.0		
Channel				648334	656000	662668	1000000	MPR (dB)	
Frequency (MHz)				3725.01	3840	3955.02	limit (dBm)		
50	QPSK	1	67	13.91	14.10	13.73	15.0		
Channel				648000	656000	664000	1000000	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	14.02	14.11	13.79	15.0		
Channel				647334	656000	664668	1000000	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	13.07	14.14	13.73	15.0		
Channel				647168	656000	664834	1000000	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	13.96	14.14	13.68	15.0		
Channel				647000	656000	665000	1000000	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	13.86	14.17	13.79	15.0		

Part270Q n77 PC2&3 SA DSI7 Ant2									
BW [MHz]	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	P2 BPSK	1	1		17.25				
100	P2 BPSK	1	137		17.52		18.5		
100	P2 BPSK	1	271		17.17				
100	P2 BPSK	135	0		17.38				
100	P2 BPSK	135	69		17.69		18.5		
100	P2 BPSK	135	138		17.40				
100	P2 BPSK	270	0		17.48		18.5		
100	QPSK	1	1		17.65				
100	QPSK	1	137		17.55		18.5		
100	QPSK	1	271		17.28				
100	QPSK	135	0		16.92				
100	QPSK	135	69		18.06		18.5		
100	QPSK	135	138		16.94				
100	QPSK	270	0		16.83		18.5		
100	16QAM	1	1		17.06		18.5		
100	64QAM	1	1		16.99		18.5		
100	256QAM	1	1		17.06		18.5		
Channel				633000	633334	633668	1000000	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)		
80	QPSK	1	123	17.28	17.54	17.13	18.5		
Channel				632668	633334	634000	1000000	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)		
80	QPSK	1	109	17.29	17.45	17.23	18.5		
Channel				632000	633334	633668	1000000	MPR (dB)	
Frequency (MHz)				3485.02	3500.01	3505	limit (dBm)		
60	QPSK	1	81	17.32	17.33	17.10	18.5		
Channel				631668	633334	635000	1000000	MPR (dB)	
Frequency (MHz)				3480.02	3500.01	3505	limit (dBm)		
50	QPSK	1	67	17.32	17.52	17.09	18.5		
Channel				631334	633334	636334	1000000	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3505	limit (dBm)		
40	QPSK	1	63	17.17	17.47	17.15	18.5		
Channel				630968	633334	636000	1000000	MPR (dB)	
Frequency (MHz)				3470.02	3500.01	3505	limit (dBm)		
20	QPSK	1	26	17.33	17.37	17.29	18.5		
Channel				630500	633334	636166	1000000	MPR (dB)	
Frequency (MHz)				3467.5	3500.01	3504.52	limit (dBm)		
15	QPSK	1	19	17.23	17.47	17.14	18.5		
Channel				630334	633334	636334	1000000	MPR (dB)	
Frequency (MHz)				3465.01	3500.01	3504.51	limit (dBm)		
10	QPSK	1	12	17.36	17.43	17.25	18.5		



Part27Q n77 PC2&3 NSA DSI7 Ant2									
BW [MHz]	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	3500.01				
100	Pi2 BPSK	1	1	13.40			15.0	0.0	
100	Pi2 BPSK	1	137	14.58					
100	Pi2 BPSK	1	271	13.75			15.0	0.0	
100	Pi2 BPSK	135	0	13.84			15.0	0.0	
100	Pi2 BPSK	135	69	14.09			15.0	0.0	
100	Pi2 BPSK	135	138	13.88			15.0	0.0	
100	Pi2 BPSK	270	0	14.05			15.0	0.0	
100	QPSK	1	1	14.48			15.0	0.0	
100	QPSK	1	137	13.93					
100	QPSK	1	271	13.79			15.0	0.0	
100	QPSK	135	0	13.44			15.0	0.0	
100	QPSK	135	69	14.59			15.0	0.0	
100	QPSK	135	138	13.30			15.0	0.0	
100	QPSK	270	0	13.38			15.0	0.0	
100	16QAM	1	1	13.67			15.0	0.0	
100	64QAM	1	1	13.69			15.0	0.0	
100	256QAM	1	1	13.67			15.0	0.0	
Channel				633000	633334	633668	1000000	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)		
90	QPSK	1	123	14.55	14.20	14.05	15.0	0.0	
Channel				632668	633334	634000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)		
80	QPSK	1	109	13.74	14.09	13.78	15.0	0.0	
Channel				632000	633334	634668	limit (dBm)	MPR (dB)	
60	QPSK	1	81	13.94	13.94	13.79	15.0	0.0	
Channel				631668	633334	635000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3482.02	3500.01	3495	limit (dBm)		
50	QPSK	1	67	13.84	14.05	13.84	15.0	0.0	
Channel				631334	633334	635334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3500.01	limit (dBm)		
40	QPSK	1	53	13.59	13.74	13.69	15.0	0.0	
Channel				630668	633334	636000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	limit (dBm)		
20	QPSK	1	26	13.55	13.69	13.67	15.0	0.0	
Channel				630334	633334	636334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dBm)		
15	QPSK	1	19	13.59	13.82	13.60	15.0	0.0	
Channel				630334	633334	636334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3455.01	3500.01	3545.01	limit (dBm)		
10	QPSK	1	12	13.62	13.88	13.64	15.0	0.0	

Part27O n78 PC2&3 SA DSI7 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1	17.11			18.5	0.0	
100	Pi2 BPSK	1	137	16.97					
100	Pi2 BPSK	1	271	16.75			18.5	0.0	
100	Pi2 BPSK	135	0	17.33			18.5	0.0	
100	Pi2 BPSK	135	69	17.59			18.5	0.0	
100	Pi2 BPSK	135	138	17.35			18.5	0.0	
100	Pi2 BPSK	270	0	17.21			18.5	0.0	
100	QPSK	1	1	17.46			18.5	0.0	
100	QPSK	1	137	17.00					
100	QPSK	1	271	16.86			18.5	0.0	
100	QPSK	135	0	17.37			18.5	0.0	
100	QPSK	135	69	17.72			18.5	0.0	
100	QPSK	135	138	17.42			18.5	0.0	
100	QPSK	270	0	17.34			18.5	0.0	
100	16QAM	1	1	17.10			18.5	0.0	
100	64QAM	1	1	16.44			18.5	0.0	
100	256QAM	1	1	16.26			18.5	0.0	
Channel				649668	650000	650334	1000000	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)		
90	QPSK	1	123	17.09	17.51	17.08	18.5	0.0	
Channel				649334	650000	650668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)		
80	QPSK	1	109	17.14	17.21	17.12	18.5	0.0	
Channel				649000	650000	651000	limit (dBm)	MPR (dB)	
70	QPSK	1	95	17.26	17.14	17.13	18.5	0.0	
Channel				648668	650000	651334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.02	3750	3760.01	limit (dBm)		
60	QPSK	1	81	17.12	17.21	17.14	18.5	0.0	
Channel				648334	650000	651668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02	limit (dBm)		
50	QPSK	1	67	17.12	17.27	16.98	18.5	0.0	
Channel				648000	650000	652000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	limit (dBm)		
40	QPSK	1	53	17.33	17.36	17.29	18.5	0.0	
Channel				647668	650000	652334	limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)		
30	QPSK	1	39	17.26	17.18	17.09	18.5	0.0	
Channel				647334	650000	652668	limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)		
20	QPSK	1	26	17.06	17.34	17.02	18.5	0.0	
Channel				647168	650000	652834	limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51	limit (dBm)		
15	QPSK	1	19	17.05	17.33	17.06	18.5	0.0	
Channel				647000	650000	653000	limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795	limit (dBm)		
10	QPSK	1	12	17.08	17.25	17.15	18.5	0.0	

Part270 n78 PC2&3 NSA DSI7 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	Pi2 BPSK	1	1	13.53			15.0	0.0	
100	Pi2 BPSK	1	137	14.19					
100	Pi2 BPSK	1	271	13.69			15.0	0.0	
100	Pi2 BPSK	135	0	14.15			15.0	0.0	
100	Pi2 BPSK	135	69	14.13			15.0	0.0	
100	Pi2 BPSK	135	138	14.24			15.0	0.0	
100	Pi2 BPSK	270	0	14.08			15.0	0.0	
100	QPSK	1	1	14.17			15.0	0.0	
100	QPSK	1	137	13.42			15.0	0.0	
100	QPSK	1	271	13.53			15.0	0.0	
100	QPSK	135	0	14.25			15.0	0.0	
100	QPSK	135	69	14.24			15.0	0.0	
100	QPSK	135	138	14.08			15.0	0.0	
100	QPSK	270	0	13.97			15.0	0.0	
100	16QAM	1	1	13.95			15.0	0.0	
100	64QAM	1	1	13.30			15.0	0.0	
100	256QAM	1	1	13.36			15.0	0.0	
Channel				649668	650000	650334	1000000	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01	limit (dBm)		
90	QPSK	1	123	13.81	13.59	13.79	18.0	0.0	
Channel				649334	650000	650668	1000000	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)		
80	QPSK	1	109	13.58	13.83	13.53	18.0	0.0	
Channel				649000	650000	651000	1000000	MPR (dB)	
70	QPSK	1	95	13.68	13.68	13.55	18.0	0.0	
Channel				648668	650000	651334	1000000	MPR (dB)	
Frequency (MHz)				3740.02	3750	3760.01	limit (dBm)		
60	QPSK	1	81	13.69	13.83	13.70	18.0	0.0	
Channel				648334	650000	651668	1000000	MPR (dB)	
Frequency (MHz)				3735.01	3750	3765.02	limit (dBm)		
50	QPSK	1	67	13.68	13.78	13.56	18.0	0.0	
Channel				648000	650000	652000	1000000	MPR (dB)	
Frequency (MHz)				3730.01	3750	3770.01	limit (dBm)		
40	QPSK	1	53	13.55	13.71	13.54	18.0	0.0	
Channel				647668	650000	652334	1000000	MPR (dB)	
Frequency (MHz)				3731.02	3750	3769.01	limit (dBm)		
30	QPSK	1	39	13.30	13.86	13.62	18.0	0.0	
Channel				647334	650000	652668	1000000	MPR (dB)	
Frequency (MHz)				3731.01	3750	3769.02	limit (dBm)		
20	QPSK	1	26	13.62	13.76	13.57	18.0	0.0	
Channel				647000	650000	652934	1000000	MPR (dB)	
Frequency (MHz)				3727.02	3750	3769.51	limit (dBm)		
15	QPSK	1	19	13.66	13.83	13.51	18.0	0.0	
Channel				647000	650000	653000	1000000	MPR (dB)	
Frequency (MHz)				3727.01	3750	3769.52	limit (dBm)		
10	QPSK	1	12	13.70	13.70	13.56	15.0	0.0	

Part27Q n78 PC2&3 SA DSI7 Ant2

BW (MHz)	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)								
100	PI2 BPSK	1	1	16.43	3000.01			
100	PI2 BPSK	1	137	16.71		18.5	18.5	0.0
100	PI2 BPSK	1	271	16.54				
100	PI2 BPSK	135	0	17.10				
100	PI2 BPSK	135	69	17.32		18.5	18.5	0.0
100	PI2 BPSK	135	138	17.21				
100	PI2 BPSK	270	0	16.99		18.5	18.5	0.0
100	QPSK	1	1	17.31				
100	QPSK	1	137	16.72		18.5	18.5	0.0
100	QPSK	1	271	16.73				
100	QPSK	135	0	17.24				
100	QPSK	135	69	17.58		18.5	18.5	0.0
100	QPSK	135	138	17.34				
100	QPSK	270	0	17.12		18.5	18.5	0.0
100	16QAM	1	1	16.93		18.5	18.5	0.0
100	16QAM	1	1	16.34		18.5	18.5	0.0
100	256QAM	1	1	15.96		18.5	18.5	0.0
Channel 633000 633334 633666								
Frequency (MHz)								
90	QPSK	1	123	13.91	17.00	16.79	18.5	0.0
Channel 632668 633334 634000								
Frequency (MHz)								
80	QPSK	1	109	17.10	16.97	16.78	18.5	0.0
Channel 632334 633334 634334								
Frequency (MHz)								
70	QPSK	1	95	17.13	16.91	16.77	18.5	0.0
Channel 632000 633334 634668								
Frequency (MHz)								
60	QPSK	1	81	17.10	17.02	16.80	18.5	0.0
Channel 631668 633334 635000								
Frequency (MHz)								
50	QPSK	1	67	17.11	17.07	16.85	18.5	0.0
Channel 631334 633334 635334								
Frequency (MHz)								
40	QPSK	1	53	17.05	17.03	16.84	18.5	0.0
Channel 631000 633334 635668								
Frequency (MHz)								
30	QPSK	1	39	17.12	16.99	16.93	18.5	0.0
Channel 630668 633334 636000								
Frequency (MHz)								
20	QPSK	1	26	16.96	16.86	16.74	18.5	0.0
Channel 630300 633334 636368								
Frequency (MHz)								
15	QPSK	1	19	16.95	16.84	16.83	18.5	0.0
Channel 630334 633334 636334								
Frequency (MHz)								
10	QPSK	1	12	16.91	16.89	16.87	18.5	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)								
100	PI2 BPSK	1	1	13.25	3000.01			
100	PI2 BPSK	1	137	13.85			15.0	0.0
100	PI2 BPSK	1	271	13.06				
100	PI2 BPSK	135	0	13.57			15.0	0.0
100	PI2 BPSK	135	69	13.84			15.0	0.0
100	PI2 BPSK	135	138	13.59			15.0	0.0
100	PI2 BPSK	270	0	13.65			15.0	0.0
100	QPSK	1	1	13.72			15.0	0.0
100	QPSK	1	137	13.60			15.0	0.0
100	QPSK	1	271	13.30			15.0	0.0
100	QPSK	135	0	13.10			15.0	0.0
100	QPSK	135	69	14.11			15.0	0.0
100	QPSK	135	138	13.17			15.0	0.0
100	QPSK	270	0	13.04			15.0	0.0
100	16QAM	1	1	13.11			15.0	0.0
100	16QAM	1	1	13.57			15.0	0.0
100	256QAM	1	1	13.01			15.0	0.0
Channel 633000 633334 633668								
Frequency (MHz)								
90	QPSK	1	123	13.45	13.83	13.30	15.0	0.0
Channel 632668 633334 634000								
Frequency (MHz)								
80	QPSK	1	109	13.53	13.48	13.26	15.0	0.0
Channel 632334 633334 634334								
Frequency (MHz)								
70	QPSK	1	95	13.53	13.49	13.20	15.0	0.0
Channel 632000 633334 634668								
Frequency (MHz)								
60	QPSK	1	81	13.45	13.58	13.30	15.0	0.0
Channel 631668 633334 635000								
Frequency (MHz)								
50	QPSK	1	67	13.33	13.42	13.18	15.0	0.0
Channel 631334 633334 635334								
Frequency (MHz)								
40	QPSK	1	53	13.18	13.27	13.15	15.0	0.0
Channel 631000 633334 635668								
Frequency (MHz)								
30	QPSK	1	39	13.19	13.41	13.18	15.0	0.0
Channel 630668 633334 636000								
Frequency (MHz)								
20	QPSK	1	26	13.22	13.41	13.11	15.0	0.0
Channel 630300 633334 636368								
Frequency (MHz)								
15	QPSK	1	19	13.13	13.38	13.15	15.0	0.0
Channel 630334 633334 636334								
Frequency (MHz)								
10	QPSK	1	12	13.15	13.40	13.05	15.0	0.0



n2 NSA DSI6 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	379000	21.5	0.0
Frequency (MHz)				1865	1880	1895		
30	PV2 BPSK	1	1	19.52	19.58	19.48	21.5	0.0
30	PV2 BPSK	1	80	19.69	19.83	19.75		
30	PV2 BPSK	1	168	19.84	19.53	19.52	21.5	0.0
30	PV2 BPSK	80	0	19.01	19.16	19.07		
30	PV2 BPSK	80	40	19.58	19.66	19.68	21.5	0.0
30	PV2 BPSK	80	80	19.08	19.12	18.80		
30	PV2 BPSK	160	0	19.18	19.22	18.98	21.5	0.0
30	QPSK	1	1	19.67	19.74	19.37		
30	QPSK	1	80	19.55	19.56	19.61	21.5	0.0
30	QPSK	1	168	19.42	19.45	19.39		
30	QPSK	80	0	18.76	18.78	18.55	21.5	0.0
30	QPSK	80	40	19.75	19.81	19.72		
30	QPSK	80	80	18.57	18.38	18.52	21.5	0.0
30	QPSK	160	0	18.73	18.77	18.78		
30	16QAM	1	1	19.31	19.39	19.64	21.5	0.0
30	64QAM	1	1	19.31	19.37	19.48		
30	256QAM	1	1	19.16	19.30	18.98	19.5	2.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5	21.5	0.0
25	PV2 BPSK	1	1	19.42	19.56	19.32	21.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	21.5	0.0
20	PV2 BPSK	1	1	19.72	19.80	19.68		
20	PV2 BPSK	1	53	19.88	19.92	19.80	21.5	0.0
20	PV2 BPSK	1	104	19.69	19.71	19.63		
20	PV2 BPSK	50	0	19.20	19.38	19.34	21.5	0.0
20	PV2 BPSK	50	28	19.79	19.79	19.74		
20	PV2 BPSK	50	56	19.12	19.22	19.03	21.5	0.0
20	PV2 BPSK	100	0	19.23	19.28	19.19		
20	QPSK	1	1	19.76	19.91	19.21	21.5	0.0
20	QPSK	1	53	19.73	19.83	19.83		
20	QPSK	1	104	19.61	19.67	19.45	21.5	0.0
20	QPSK	50	0	19.01	18.83	18.66		
20	QPSK	50	28	19.88	20.06	19.80	21.5	0.0
20	QPSK	50	56	19.73	18.48	18.57		
20	QPSK	100	0	18.84	18.90	18.85	21.5	0.0
20	16QAM	1	1	19.49	19.55	19.77		
20	64QAM	1	1	19.57	19.56	19.55	21.5	0.0
20	256QAM	1	1	19.29	19.37	19.14		
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	21.5	0.0
15	PV2 BPSK	1	1	19.59	19.78	19.41		
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	21.5	0.0
10	PV2 BPSK	1	1	19.61	19.74	19.33		
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	21.5	0.0
5	PV2 BPSK	1	1	19.67	19.82	19.28		

n25 NSA DSI6 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	379000	21.5	0.0
Frequency (MHz)				1870	1882.5	1895		
40	PV2 BPSK	1	1	19.93	19.78	19.67	21.5	0.0
40	PV2 BPSK	1	108	20.39	20.49	20.34		
40	PV2 BPSK	1	214	20.05	19.91	19.74	21.5	0.0
40	PV2 BPSK	108	0	19.77	19.78	19.53		
40	PV2 BPSK	108	54	20.35	20.49	20.28	21.5	0.0
40	PV2 BPSK	108	108	19.75	19.94	19.81		
40	PV2 BPSK	216	0	19.80	19.90	19.72	21.5	0.0
40	QPSK	1	1	20.41	20.58	20.53		
40	QPSK	1	108	20.22	20.36	20.35	21.5	0.0
40	QPSK	1	214	20.01	20.24	20.40		
40	QPSK	108	0	19.53	19.79	19.72	21.5	0.0
40	QPSK	108	54	20.53	20.61	20.44		
40	QPSK	108	108	20.18	20.51	20.35	21.5	0.0
40	QPSK	216	0	19.55	19.69	19.66		
40	16QAM	1	1	19.74	19.65	19.71	21.5	0.0
40	64QAM	1	1	19.67	19.82	19.54		
40	256QAM	1	1	19.15	19.43	19.18	19.5	2.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900	21.5	0.0
30	QPSK	1	1	20.29	20.54	20.48		
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5	21.5	0.0
25	QPSK	1	1	20.34	20.39	20.39		
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1902	21.5	0.0
20	QPSK	1	1	20.38	20.40	20.41		
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5	21.5	0.0
15	QPSK	1	1	20.26	20.53	20.35		
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910	21.5	0.0
10	QPSK	1	1	20.29	20.44	20.43		
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5	21.5	0.0
5	QPSK	1	1	20.31	20.49	20.37		

n30 NSA DSI6 Ant0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	379000	21.0	0.0
Frequency (MHz)				1870	1882.5	1895		
10	PV2 BPSK	1	1	19.83	19.67	19.83	21.0	0.0
10	PV2 BPSK	1	26	19.84	19.83	19.83		
10	PV2 BPSK	1	50	19.83	19.83	19.83	21.0	0.0
10	PV2 BPSK	25	0	18.66	18.66	18.66		
10	PV2 BPSK	25	14	18.81	18.81	18.81	21.0	0.0
10	PV2 BPSK	25	27	18.82	18.82	18.82		
10	PV2 BPSK	50	0	18.75	18.75	18.75	21.0	0.0
10	QPSK	1	1	19.03	19.03	19.03		
10	QPSK	1	26	18.58	18.58	18.58	21.0	0.0
10	QPSK	1	50	18.76	18.76	18.76		
10	QPSK	25	0	18.65	18.65	18.65	21.0	0.0
10	QPSK	25	14	19.06	19.06	19.06		
10	QPSK	25	27	18.82	18.82	18.82	21.0	0.0
10	QPSK	50	0	19.01	19.01	19.01		
10	16QAM	1	1	18.64	18.64	18.64	21.0	0.0
10	64QAM	1	1	18.73	18.73	18.73		
10	256QAM	1	1	17.59	17.59	17.59	19.5	1.5
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5	21.0	0.0
5	QPSK	1	1	18.71	18.82	18.83		



n66 NSA DSI6 Ant0								
BW [MHz]	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	20.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	17.58	17.61	17.66		
40	PI2 BPSK	1	108	18.04	18.18	18.18	20.0	0.0
40	PI2 BPSK	1	214	17.47	17.62	17.66		
40	PI2 BPSK	108	0	17.66	17.67	17.67		
40	PI2 BPSK	108	54	17.99	18.15	18.02	20.0	0.0
40	PI2 BPSK	108	108	17.67	17.81	17.66	20.0	0.0
40	PI2 BPSK	216	0	17.76	17.74	17.57		
40	QPSK	1	1	18.01	18.15	17.85		
40	QPSK	1	108	17.34	17.52	17.53	20.0	0.0
40	QPSK	1	214	17.37	17.54	17.51		
40	QPSK	108	0	17.60	17.72	17.58		
40	QPSK	108	54	18.14	18.12	18.13	20.0	0.0
40	QPSK	108	108	17.74	17.79	17.82	20.0	0.0
40	QPSK	216	0	17.59	18.03	17.72		
40	16QAM	1	1	17.76	17.82	17.82		
40	84QAM	1	1	17.62	17.64	17.52	20.0	0.0
40	256QAM	1	1	17.58	17.67	17.65	19.5	0.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	20.0	0.0
30	QPSK	1	1	17.28	17.47	17.45		
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5	20.0	0.0
25	QPSK	1	1	17.21	17.49	17.39		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	20.0	0.0
20	QPSK	1	1	17.30	17.37	17.47		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	20.0	0.0
15	QPSK	1	1	17.30	17.43	17.42		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	20.0	0.0
10	QPSK	1	1	17.22	17.43	17.43		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	20.0	0.0
5	QPSK	1	1	17.14	17.35	17.28		

n41 PC2 SA DSI6 Ant0									
BW [MHz]	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	23.74	23.88	23.75			
100	Pi/2 BPSK	1	137	23.80	23.97	23.88	24.5	0.0	
100	Pi/2 BPSK	1	271	23.74	23.95	23.64			
100	Pi/2 BPSK	135	0	23.78	23.92	23.73			
100	Pi/2 BPSK	135	69	23.82	23.95	23.82	24.5	0.0	
100	Pi/2 BPSK	135	138	23.81	23.94	23.68			
100	Pi/2 BPSK	270	0	23.78	23.85	23.82			
100	QPSK	1	1	23.70	23.97	23.92	24.5	0.0	
100	QPSK	1	137	23.85	23.84	23.62			
100	QPSK	1	271	23.80	23.82	23.74			
100	QPSK	135	0	23.84	23.92	23.78	24.5	0.0	
100	QPSK	135	69	23.81	23.99	23.60			
100	QPSK	135	138	23.73	23.89	23.79			
100	QPSK	270	0	23.70	23.96	23.80	24.5	0.0	
100	16QAM	1	1	23.89	23.92	23.71			
100	64QAM	1	1	23.69	23.49	23.56			
100	256QAM	1	1	22.82	22.86	22.60	22.5	2.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	23.50	23.53	23.53		0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	23.58	23.73	23.59		24.5	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	23.36	23.60	23.27		24.5	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	23.56	23.62	23.41		24.5	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	23.55	23.71	23.59		24.5	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	23.52	23.63	23.33		24.5	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	23.52	23.57	23.59		24.5	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	23.38	23.69	23.59		24.5	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	23.43	23.53	23.47		24.5	

n41 PC2&3 NSA DSI6 Ant0									
BW [MHz]	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	19.66	20.00	19.69			
100	Pi/2 BPSK	1	137	19.74	19.86	19.72	21.5	0.0	
100	Pi/2 BPSK	1	271	19.56	19.89	19.73			
100	Pi/2 BPSK	135	0	19.83	19.92	19.73			
100	Pi/2 BPSK	135	69	19.40	19.67	19.58	21.5	0.0	
100	Pi/2 BPSK	135	138	19.70	19.89	19.76			
100	Pi/2 BPSK	270	0	19.56	19.73	19.65			
100	QPSK	1	1	20.09	20.11	20.01	21.5	0.0	
100	QPSK	1	137	20.12	19.85	19.99			
100	QPSK	1	271	19.17	19.31	19.11			
100	QPSK	135	0	19.07	19.17	19.09	21.5	0.0	
100	QPSK	135	69	19.96	20.12	19.98			
100	QPSK	135	138	19.09	19.01	19.01			
100	QPSK	270	0	19.05	19.57	19.06	21.5	0.0	
100	16QAM	1	1	19.05	19.07	19.10			
100	64QAM	1	1	15.78	15.99	15.92			
100	256QAM	1	1	14.57	14.57	14.40	21.5	0.0	
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2640.99			
80	QPSK	1	1	19.71	19.89	19.67		21.5	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	19.74	19.81	19.70		21.5	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	19.72	19.81	19.75		21.5	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	19.62	19.80	19.68		21.5	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	19.63	19.77	19.74		21.5	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	19.69	19.81	19.61		21.5	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	19.65	19.87	19.76		21.5	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	19.59	19.78	19.65		21.5	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	19.67	19.81	19.63		21.5	



n2 NSA DSI6 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1880	1895		
30	PV2 BPSK	1	1	18.12	18.35	18.11	19.5	0.0
30	PV2 BPSK	1	80	18.18	18.44	18.15		
30	PV2 BPSK	1	158	18.12	18.11	18.46		
30	PV2 BPSK	80	0	17.84	17.82	17.86	19.5	0.0
30	PV2 BPSK	80	40	18.28	18.23	18.51	19.5	0.0
30	PV2 BPSK	80	80	17.79	17.75	17.55	19.5	0.0
30	PV2 BPSK	160	0	17.84	17.76	17.86	19.5	0.0
30	QPSK	1	1	18.21	18.48	18.24	19.5	0.0
30	QPSK	1	80	18.28	18.47	18.17		
30	QPSK	1	158	17.93	18.21	18.11		
30	QPSK	80	0	17.07	17.18	17.20	19.5	0.0
30	QPSK	80	40	18.21	18.68	18.20	19.5	0.0
30	QPSK	80	80	17.31	17.25	17.26	19.5	0.0
30	QPSK	160	0	17.14	17.59	17.12	19.5	0.0
30	16QAM	1	1	16.98	17.17	17.06	19.5	0.0
30	64QAM	1	1	17.41	17.49	17.35	19.5	0.0
30	256QAM	1	1	17.48	17.33	17.22	19.5	0.0
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1897.5	19.5	0.0
25	PV2 BPSK	1	1	17.98	18.33	17.89	19.5	0.0
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1880	1900	19.5	0.0
20	PV2 BPSK	1	1	18.39	18.49	18.35		
20	PV2 BPSK	1	53	18.43	18.63	18.47		
20	PV2 BPSK	1	104	18.23	18.40	18.58	19.5	0.0
20	PV2 BPSK	50	0	17.88	18.06	17.88	19.5	0.0
20	PV2 BPSK	50	28	18.58	18.49	18.60	19.5	0.0
20	PV2 BPSK	50	56	18.07	17.99	17.80	19.5	0.0
20	PV2 BPSK	100	0	18.02	18.06	17.96	19.5	0.0
20	QPSK	1	1	18.49	18.70	18.46	19.5	0.0
20	QPSK	1	53	18.55	18.69	18.45		
20	QPSK	1	104	18.19	18.41	18.43		
20	QPSK	50	0	17.29	17.47	17.38	19.5	0.0
20	QPSK	50	28	18.43	18.61	18.47	19.5	0.0
20	QPSK	50	56	17.57	17.37	17.34	19.5	0.0
20	QPSK	100	0	17.45	17.69	17.22	19.5	0.0
20	16QAM	1	1	17.07	17.30	17.16	19.5	0.0
20	64QAM	1	1	17.59	17.66	17.63	19.5	0.0
20	256QAM	1	1	17.57	17.50	17.54	19.5	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	19.5	0.0
15	PV2 BPSK	1	1	18.28	18.38	18.29	19.5	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	19.5	0.0
10	PV2 BPSK	1	1	18.37	18.47	18.33	19.5	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	19.5	0.0
5	PV2 BPSK	1	1	18.20	18.54	18.14	19.5	0.0

n25 NSA DSI6 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
40	PV2 BPSK	1	1	18.32	18.53	18.40	19.5	0.0
40	PV2 BPSK	1	108	18.88	19.01	18.99		
40	PV2 BPSK	1	214	18.43	19.52	18.39		
40	PV2 BPSK	108	0	18.33	18.43	18.27	19.5	0.0
40	PV2 BPSK	108	54	18.96	19.14	19.10	19.5	0.0
40	PV2 BPSK	108	108	18.54	18.42	18.42	19.5	0.0
40	PV2 BPSK	216	0	18.43	18.44	18.35	19.5	0.0
40	QPSK	1	1	19.16	19.18	19.00	19.5	0.0
40	QPSK	1	108	18.41	18.44	18.52		
40	QPSK	1	214	18.32	18.62	18.49		
40	QPSK	108	0	18.15	17.98	18.00	19.5	0.0
40	QPSK	108	54	18.94	19.21	19.00	19.5	0.0
40	QPSK	108	108	18.16	18.02	17.94	19.5	0.0
40	QPSK	216	0	18.07	18.19	18.15	19.5	0.0
40	16QAM	1	1	18.04	17.58	18.07	19.5	0.0
40	64QAM	1	1	17.62	17.86	17.71	19.5	0.0
40	256QAM	1	1	17.76	17.82	17.73	19.5	0.0
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1865	1882.5	1900	19.5	0.0
30	QPSK	1	1	19.02	19.03	18.86	19.5	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1882.5	1902.5	19.5	0.0
25	QPSK	1	1	19.00	18.98	18.71	19.5	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1882.5	1902	19.5	0.0
20	QPSK	1	1	19.94	19.95	19.73	19.5	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1882.5	1907.5	19.5	0.0
15	QPSK	1	1	18.93	19.04	18.86	19.5	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1882.5	1910	19.5	0.0
10	QPSK	1	1	18.96	19.04	18.89	19.5	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1882.5	1912.5	19.5	0.0
5	QPSK	1	1	18.93	18.89	18.81	19.5	0.0

n30 NSA DSI6 Ant1

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376500	379000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1870	1882.5	1895		
10	PV2 BPSK	1	1	18.32	18.53	18.40	18.0	0.0
10	PV2 BPSK	1	26	18.88	19.01	18.99		
10	PV2 BPSK	1	50	18.43	19.52	18.39		
10	PV2 BPSK	25	0	18.33	18.43	18.27	18.0	0.0
10	PV2 BPSK	25	14	18.96	19.14	19.10	18.0	0.0
10	PV2 BPSK	25	27	18.54	18.42	18.42	18.0	0.0
10	PV2 BPSK	50	0	18.43	18.44	18.35	18.0	0.0
10	QPSK	1	1	19.16	19.18	19.00	18.0	0.0
10	QPSK	1	26	18.41	18.44	18.52		
10	QPSK	1	50	18.32	18.62	18.49		
10	QPSK	25	0	18.15	17.98	18.00	18.0	0.0
10	QPSK	25	14	18.94	19.21	19.00	18.0	0.0
10	QPSK	25	27	18.16	18.02	17.94	18.0	0.0
10	QPSK	50	0	18.07	18.19	18.15	18.0	0.0
10	16QAM	1	1	18.04	17.58	18.07	18.0	0.0
10	64QAM	1	1	17.62	17.86	17.71	18.0	0.0
10	256QAM	1	1	17.76	17.82	17.73	18.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5	18.0	0.0
5	QPSK	1	1	16.89	17.03	16.91	18.0	0.0



n66 NSA DSI6 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq. 344000	Power Middle Ch / Freq. 349000	Power High Ch / Freq. 353000	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	19.66	19.69	19.53		
40	PI2 BPSK	1	108	20.00	20.01	19.87	21.0	0.0
40	PI2 BPSK	1	214	19.71	19.72	19.74		
40	PI2 BPSK	108	0	19.93	19.96	19.91	21.0	0.0
40	PI2 BPSK	108	54	19.95	20.13	20.19	21.0	0.0
40	PI2 BPSK	108	108	19.89	19.88	19.80		
40	PI2 BPSK	216	0	19.96	19.92	19.78	21.0	0.0
40	QPSK	1	1	20.20	20.38	20.03		
40	QPSK	1	108	19.54	19.69	19.53	21.0	0.0
40	QPSK	1	214	19.72	19.68	19.70		
40	QPSK	108	0	19.96	19.92	19.80	21.0	0.0
40	QPSK	108	54	20.27	20.39	20.27	21.0	0.0
40	QPSK	108	108	19.80	19.89	19.74	21.0	0.0
40	QPSK	216	0	19.81	19.90	19.73		
40	16QAM	1	1	20.08	20.03	19.94	21.0	0.0
40	16QAM	1	1	19.33	19.32	19.57	21.0	0.0
40	256QAM	1	1	17.51	17.57	17.53	19.5	1.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	20.08	20.31	19.90	21.0	0.0
Channel				344000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	20.11	20.29	20.07	21.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722	1745	1770		
20	QPSK	1	1	20.09	20.15	19.96	21.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	20.17	20.29	20.07	21.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	20.04	20.18	20.04	21.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	20.01	20.12	20.05	21.0	0.0

n41 PC2&3 NSA DSI6 Ant1								
BW [MHz]	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	21.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	19.58	19.67	19.56	21.5	0.0
100	PI/2 BPSK	1	137	20.80	20.92	20.84		
100	PI/2 BPSK	1	271	19.81	19.84	19.73	21.5	0.0
100	PI/2 BPSK	135	0	20.34	20.43	20.34		
100	PI/2 BPSK	135	69	20.80	20.75	20.63	21.5	0.0
100	PI/2 BPSK	135	138	20.50	20.57	20.52	21.5	0.0
100	PI/2 BPSK	270	0	20.45	20.53	20.39	21.5	0.0
100	QPSK	1	1	20.92	20.95	20.81	21.5	0.0
100	QPSK	1	137	19.78	19.77	19.71		
100	QPSK	1	271	19.98	19.95	19.99	21.5	0.0
100	QPSK	135	0	20.45	20.51	20.38		
100	QPSK	135	69	20.98	21.01	20.95	21.5	0.0
100	QPSK	135	138	20.44	20.57	20.50	21.5	0.0
100	QPSK	270	0	20.47	20.56	20.52	21.5	0.0
100	16QAM	1	1	19.91	20.01	20.03	21.5	0.0
100	64QAM	1	1	19.75	19.83	19.79	21.5	0.0
100	256QAM	1	1	18.37	18.53	18.36	21.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	20.87	20.79	20.79	21.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	20.75	20.69	20.87	21.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	20.85	20.82	20.69	21.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	20.81	20.76	20.61	21.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	20.61	20.51	20.73	21.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	20.76	20.61	20.69	21.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	20.81	20.79	20.64	21.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	20.67	20.78	20.66	21.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	20.74	20.72	20.62	21.5	0.0



Par270 n77 PC2&3 SA DSI6 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				3720	3840	3930			
100	Pl2 BPSK	1	1	18.34	18.67	18.36			
100	Pl2 BPSK	1	137	17.64	17.87	17.52	19.5		
100	Pl2 BPSK	1	271	18.19	18.49	18.11			
100	Pl2 BPSK	135	0	18.57	18.50	18.36	19.5		
100	Pl2 BPSK	135	69	18.37	18.63	18.41	19.5		
100	Pl2 BPSK	135	138	18.43	18.33	18.33	19.5		
100	Pl2 BPSK	270	0	17.75	17.81	17.55			
100	QPSK	1	1	18.49	18.72	18.49			
100	QPSK	1	137	17.38	17.50	17.75	19.5		
100	QPSK	1	271	18.47	18.59	18.41			
100	QPSK	135	0	18.51	18.66	18.46	19.5		
100	QPSK	135	69	18.56	18.84	18.48	19.5		
100	QPSK	135	138	18.01	18.11	17.86			
100	QPSK	270	0	17.94	18.07	17.79			
100	16QAM	1	1	18.59	18.63	18.38	19.5		
100	64QAM	1	1	18.74	18.77	18.40	19.5		
100	256QAM	1	1	18.00	18.16	18.02	19.5		
Channel				648668	656000	662334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
90	QPSK	1	123	18.34	18.45	18.22	19.5		
Channel				648334	656000	662668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	18.31	18.61	18.36	19.5		
Channel				648668	656000	662334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3930.01	limit (dBm)		
60	QPSK	1	81	18.18	18.64	18.23	19.5		
Channel				648334	656000	662668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3945.02	limit (dBm)		
50	QPSK	1	67	18.20	18.59	18.21	19.5		
Channel				648000	656000	664000	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	18.31	18.47	18.35	19.5		
Channel				647334	656000	664668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	18.18	18.41	18.24	19.5		
Channel				647168	656000	664334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	18.37	18.47	18.38	19.5		
Channel				647000	656000	665000	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	18.21	18.41	18.21	19.5		

Par270 n77 PC2&3 NSA DSI6 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up limit (dBm)	MPR (dB)	
Channel				3720	3840	3930			
100	Pl2 BPSK	1	1	16.51	16.43	16.59			
100	Pl2 BPSK	1	137	16.95	17.18	17.09	18.0		
100	Pl2 BPSK	1	271	16.43	16.43	16.24			
100	Pl2 BPSK	135	0	16.77	16.88	16.68	18.0		
100	Pl2 BPSK	135	69	17.16	17.40	17.09	18.0		
100	Pl2 BPSK	135	138	16.57	17.03	16.54	18.0		
100	Pl2 BPSK	270	0	16.93	17.21	17.06	18.0		
100	QPSK	1	1	17.12	17.25	17.04			
100	QPSK	1	137	17.08	17.10	16.75	18.0		
100	QPSK	1	271	16.64	16.92	16.45			
100	QPSK	135	0	16.12	16.25	16.86	18.0		
100	QPSK	135	69	17.28	17.47	17.26	18.0		
100	QPSK	135	138	16.00	16.02	16.01	18.0		
100	QPSK	270	0	15.97	16.27	15.87	18.0		
100	16QAM	1	1	16.09	16.35	16.24	18.0		
100	64QAM	1	1	16.69	17.08	16.66	18.0		
100	256QAM	1	1	16.38	16.22	16.16	18.0		
Channel				648668	656000	662334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3935.01	limit (dBm)		
90	QPSK	1	123	16.84	17.16	16.77	18.0		
Channel				648334	656000	662668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3940.02	limit (dBm)		
80	QPSK	1	109	16.89	16.95	16.80	18.0		
Channel				648668	656000	662334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3930.01	limit (dBm)		
60	QPSK	1	81	16.87	17.10	16.89	18.0		
Channel				648334	656000	662668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3945.02	limit (dBm)		
50	QPSK	1	67	16.98	17.06	16.89	18.0		
Channel				648000	656000	664000	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	limit (dBm)		
40	QPSK	1	53	16.92	17.05	16.81	18.0		
Channel				647334	656000	664668	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3970.02	limit (dBm)		
20	QPSK	1	26	16.89	17.08	16.88	18.0		
Channel				647168	656000	664334	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3840	3972.51	limit (dBm)		
15	QPSK	1	19	16.84	17.00	16.91	18.0		
Channel				647000	656000	665000	19.5+up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3840	3975	limit (dBm)		
10	QPSK	1	12	17.01	17.09	16.93	18.0		

Part270Q n77 PC2&3 SA DSI6 Ant2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. [Freq.]	Power Middle Ch. [Freq.]	Power High Ch. [Freq.]	Tune-up (dBm)	MPR (dB)		
Channel					3500.01	633334				
Frequency (MHz)					3500.01					
100	Pl2 BPSK	1	1		18.23					
100	Pl2 BPSK	1	137		18.55		19.5			
100	Pl2 BPSK	1	271		18.22					
100	Pl2 BPSK	135	0		18.35					
100	Pl2 BPSK	135	69		18.69		19.5			
100	Pl2 BPSK	135	138		18.48					
100	Pl2 BPSK	270	0		18.54		19.5			
100	QPSK	1	1		18.53					
100	QPSK	1	137		18.45		19.5			
100	QPSK	1	271		18.27					
100	QPSK	135	0		17.86					
100	QPSK	135	69		18.16		19.5			
100	QPSK	135	138		17.86					
100	QPSK	270	0		17.79		19.5			
100	16QAM	1	1		18.06		19.5			
100	64QAM	1	1		17.87		19.5			
100	256QAM	1	1		18.05		19.5			
Channel				633000	633334	633668	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3495	3500.01	3505.02	limit (dBm)			
90	QPSK	1	123		18.17	18.21	18.11	19.5		
Channel				632668	633334	634000	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3490.02	3500.01	3510	limit (dBm)			
80	QPSK	1	109		18.04	18.21	18.19	19.5		
Channel				632000	633334	633668	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3485.02	3500.01	3505.02	limit (dBm)			
60	QPSK	1	81		18.20	18.25	18.23	19.5		
Channel				631668	633334	635000	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3480.02	3500.01	3505.02	limit (dBm)			
50	QPSK	1	67		18.09	18.21	18.18	19.5		
Channel				631334	633334	636334	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3470.01	3500.01	3505.01	limit (dBm)			
40	QPSK	1	53		18.12	18.19	18.12	19.5		
Channel				630668	633334	636000	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465.02	3500.01	3504.99	limit (dBm)			
20	QPSK	1	26		18.18	18.18	18.18	19.5		
Channel				630000	633334	636166	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3467.5	3500.01	3504.52	limit (dBm)			
15	QPSK	1	19		18.01	18.19	18.19	19.5		
Channel				630334	633334	636334	19.5+up limit (dBm)	MPR (dB)		
Frequency (MHz)				3465.99	3500.01	3504.01	limit (dBm)			
10	QPSK	1	12		17.97	18.14	18.02	19.5		



Part27Q n77 PC2&3 NSA DSI6 Ant2									
BW [MHz]	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	PI2 BPSK	1	1	16.71			18.0	0.0	
100	PI2 BPSK	1	137	17.51					
100	PI2 BPSK	1	271	16.75			18.0	0.0	
100	PI2 BPSK	135	0	16.77					
100	PI2 BPSK	135	69	17.21			18.0	0.0	
100	PI2 BPSK	135	138	16.94			18.0	0.0	
100	PI2 BPSK	270	0	16.97					
100	QPSK	1	1	17.46			18.0	0.0	
100	QPSK	1	137	17.00					
100	QPSK	1	271	16.83					
100	QPSK	135	0	16.44			18.0	0.0	
100	QPSK	135	69	17.53			18.0	0.0	
100	QPSK	135	138	16.22			18.0	0.0	
100	QPSK	270	0	16.27					
100	16QAM	1	1	16.63			18.0	0.0	
100	64QAM	1	1	16.80			18.0	0.0	
100	256QAM	1	1	16.74			18.0	0.0	
Channel				633000	633334	633668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	17.16	17.11	17.03	18.0	0.0	
Channel				632668	633334	634000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3480.02	3500.01	3510			
80	QPSK	1	109	17.27	17.02	17.10	18.0	0.0	
Channel				632000	633334	634668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3460	3500.01	3500.02			
60	QPSK	1	81	17.07	16.98	17.05	18.0	0.0	
Channel				631668	633334	635000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3448.02	3500.01	3495			
50	QPSK	1	67	17.09	16.90	17.12	18.0	0.0	
Channel				631334	633334	635334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3500.01			
40	QPSK	1	53	17.15	16.98	17.10	18.0	0.0	
Channel				630668	633334	636000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	17.14	16.99	17.03	18.0	0.0	
Channel				630334	633334	636334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3457.5	3500.01	3542.52			
15	QPSK	1	19	17.24	17.01	17.13	18.0	0.0	
Channel				630334	633334	636334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3454.01	3500.01	3454.01			
10	QPSK	1	12	17.06	16.97	17.08	18.0	0.0	

Part27O n78 PC2&3 SA DSI6 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI2 BPSK	1	1	18.22			19.5	0.0	
100	PI2 BPSK	1	137	18.03					
100	PI2 BPSK	1	271	17.87					
100	PI2 BPSK	135	0	18.43			19.5	0.0	
100	PI2 BPSK	135	69	18.58			19.5	0.0	
100	PI2 BPSK	135	138	18.27			19.5	0.0	
100	PI2 BPSK	270	0	18.13					
100	QPSK	1	1	18.57			19.5	0.0	
100	QPSK	1	137	18.12					
100	QPSK	1	271	17.80					
100	QPSK	135	0	18.46			19.5	0.0	
100	QPSK	135	69	18.66			19.5	0.0	
100	QPSK	135	138	18.35			19.5	0.0	
100	QPSK	270	0	18.23					
100	16QAM	1	1	18.11			19.5	0.0	
100	64QAM	1	1	17.49			19.5	0.0	
100	256QAM	1	1	17.25			19.5	0.0	
Channel				649668	650000	650334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3746.02	3750	3755.01			
90	QPSK	1	123	18.20	18.48	18.30	19.5	0.0	
Channel				649334	650000	650668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3760.02			
80	QPSK	1	109	18.32	18.36	18.10	19.5	0.0	
Channel				649000	650000	651000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95	18.26	18.41	18.14	19.5	0.0	
Channel				648668	650000	651334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3729.02	3750	3770.01			
60	QPSK	1	81	18.29	18.26	18.24	19.5	0.0	
Channel				648334	650000	651668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	18.53	18.40	18.28	19.5	0.0	
Channel				648000	650000	652000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	18.14	18.35	18.19	19.5	0.0	
Channel				647668	650000	652334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	18.23	18.30	18.28	19.5	0.0	
Channel				647334	650000	652668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	18.14	18.36	18.28	19.5	0.0	
Channel				647168	650000	652834	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	18.12	18.41	18.11	19.5	0.0	
Channel				647000	650000	653000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	18.13	18.29	18.14	19.5	0.0	

Part270 n78 PC2&3 NSA DSI6 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				37500	37500	37500			
100	PV2 BPSK	1	1	18.43			18.0	0.0	
100	PV2 BPSK	1	137	17.25					
100	PV2 BPSK	1	271	18.58			18.0	0.0	
100	PV2 BPSK	135	0	17.11			18.0	0.0	
100	PV2 BPSK	135	69	17.11			18.0	0.0	
100	PV2 BPSK	135	138	17.29			18.0	0.0	
100	PV2 BPSK	270	0	17.17			18.0	0.0	
100	QPSK	1	1	17.14			18.0	0.0	
100	QPSK	1	137	18.38					
100	QPSK	1	271	16.53			18.0	0.0	
100	QPSK	135	0	17.33			18.0	0.0	
100	QPSK	135	69	17.35			18.0	0.0	
100	QPSK	135	138	17.04			18.0	0.0	
100	QPSK	270	0	17.06			18.0	0.0	
100	16QAM	1	1	17.01			18.0	0.0	
100	64QAM	1	1	16.20			18.0	0.0	
100	256QAM	1	1	16.40			18.0	0.0	
Channel				649668	650000	650334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	37500	3755.01			
90	QPSK	1	123	18.41	18.54	18.10	18.0	0.0	
Channel				649334	650000	650668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	37500	3760.02			
80	QPSK	1	109	18.27	18.94	18.91	18.0	0.0	
Channel				649000	650000	651000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				37350	37500	37650			
70	QPSK	1	95	18.37	17.08	18.92	18.0	0.0	
Channel				648668	650000	651334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	37500	3770.01			
60	QPSK	1	81	18.37	18.85	20.00	18.0	0.0	
Channel				648334	650000	651668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	37500	3775.00			
50	QPSK	1	67	18.34	18.92	20.01	18.0	0.0	
Channel				648000	650000	652000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				37200	37500	37800			
40	QPSK	1	53	18.21	18.88	19.93	18.0	0.0	
Channel				647668	650000	652334	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	37500	3785.01			
30	QPSK	1	39	18.23	19.00	20.00	18.0	0.0	
Channel				647334	650000	652668	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	37500	3790.02			
20	QPSK	1	25	18.36	18.96	19.92	18.0	0.0	
Channel				647000	650000	652934	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	37500	3792.51			
15	QPSK	1	19	18.39	18.86	19.96	18.0	0.0	
Channel				647000	650000	653000	18.0-19.0 limit (dBm)	MPR (dB)	
Frequency (MHz)				37070	37500	37970			
10	QPSK	1	12	18.43	18.98	19.97	18.0	0.0	



Part27Q n78 PC2&3 SA DSI6 Ant2									
BW [MHz]	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	PV2 BPSK	1	1	17.54					
100	PV2 BPSK	1	137	17.63			19.5	0.0	
100	PV2 BPSK	1	271	17.73					
100	PV2 BPSK	135	0	18.06					
100	PV2 BPSK	135	69	18.36			19.5	0.0	
100	PV2 BPSK	135	138	18.16					
100	PV2 BPSK	270	0	17.95			19.5	0.0	
100	QPSK	1	1	18.38					
100	QPSK	1	137	17.69			19.5	0.0	
100	QPSK	1	271	17.69					
100	QPSK	135	0	18.17					
100	QPSK	135	69	18.61			19.5	0.0	
100	QPSK	135	138	18.27					
100	QPSK	270	0	18.20			19.5	0.0	
100	16QAM	1	1	17.87			19.5	0.0	
100	64QAM	1	1	17.38			19.5	0.0	
100	256QAM	1	1	16.84			19.5	0.0	
Channel				633000	633334	633668	19.5	0.0	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	17.58	18.11	17.58	19.5	0.0	
Channel				632668	633334	634000	19.5	0.0	
Frequency (MHz)				3490.02	3500.01	3510	limit		
80	QPSK	1	109	18.00	18.26	17.90	19.5	0.0	
Channel				632334	633334	634334	19.5	0.0	
Frequency (MHz)				3485.01	3500.01	3515.01	limit		
70	QPSK	1	95	17.98	18.14	17.76	19.5	0.0	
Channel				632000	633334	634668	19.5	0.0	
Frequency (MHz)				3480	3500.01	3520.02	limit		
60	QPSK	1	81	17.98	18.13	17.93	19.5	0.0	
Channel				631668	633334	635000	19.5	0.0	
Frequency (MHz)				3475.02	3500.01	3525	limit		
50	QPSK	1	67	17.59	18.15	17.83	19.5	0.0	
Channel				631334	633334	635334	19.5	0.0	
Frequency (MHz)				3470.01	3500.01	3530.01	limit		
40	QPSK	1	53	17.98	18.24	17.75	19.5	0.0	
Channel				631000	633334	635668	19.5	0.0	
Frequency (MHz)				3465	3500.01	3535.02	limit		
30	QPSK	1	39	18.06	18.15	17.94	19.5	0.0	
Channel				630668	633334	636000	19.5	0.0	
Frequency (MHz)				3460.02	3500.01	3540	limit		
20	QPSK	1	26	17.97	18.11	17.94	19.5	0.0	
Channel				630500	633334	636168	19.5	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52	limit		
15	QPSK	1	19	18.01	18.15	17.83	19.5	0.0	
Channel				630334	633334	636334	19.5	0.0	
Frequency (MHz)				3455.01	3500.01	3545.01	limit		
10	QPSK	1	12	17.90	18.29	17.87	19.5	0.0	

Part27Q n78 PC2&3 NSA DSI6 Ant2									
BW [MHz]	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	PV2 BPSK	1	1	18.57					
100	PV2 BPSK	1	137	17.06			18.0	0.0	
100	PV2 BPSK	1	271	18.50					
100	PV2 BPSK	135	0	17.00			18.0	0.0	
100	PV2 BPSK	135	69	18.96			18.0	0.0	
100	PV2 BPSK	135	138	18.92			18.0	0.0	
100	PV2 BPSK	270	0	16.76			18.0	0.0	
100	QPSK	1	1	16.86			18.0	0.0	
100	QPSK	1	137	18.28					
100	QPSK	1	271	16.23			18.0	0.0	
100	QPSK	135	0	17.10					
100	QPSK	135	69	17.23			18.0	0.0	
100	QPSK	135	138	18.75			18.0	0.0	
100	QPSK	270	0	16.60			18.0	0.0	
100	16QAM	1	1	16.83			18.0	0.0	
100	64QAM	1	1	16.09			18.0	0.0	
100	256QAM	1	1	15.18			18.0	0.0	
Channel				633000	633334	633668	18.0	0.0	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	18.71	18.58	18.77	18.0	0.0	
Channel				632668	633334	634000	18.0	0.0	
Frequency (MHz)				3490.02	3500.01	3510	limit		
80	QPSK	1	109	16.62	16.45	16.64	18.0	0.0	
Channel				632334	633334	634334	18.0	0.0	
Frequency (MHz)				3485.01	3500.01	3515.01	limit		
70	QPSK	1	95	16.42	16.26	16.51	18.0	0.0	
Channel				632000	633334	634668	18.0	0.0	
Frequency (MHz)				3480	3500.01	3520.02	limit		
60	QPSK	1	81	16.49	16.41	16.64	18.0	0.0	
Channel				631668	633334	635000	18.0	0.0	
Frequency (MHz)				3475.02	3500.01	3525	limit		
50	QPSK	1	67	16.43	16.35	16.55	18.0	0.0	
Channel				631334	633334	635334	18.0	0.0	
Frequency (MHz)				3470.01	3500.01	3530.01	limit		
40	QPSK	1	53	16.59	16.36	16.55	18.0	0.0	
Channel				631000	633334	635668	18.0	0.0	
Frequency (MHz)				3465	3500.01	3535.02	limit		
30	QPSK	1	39	16.55	16.43	16.55	18.0	0.0	
Channel				630668	633334	636000	18.0	0.0	
Frequency (MHz)				3460.02	3500.01	3540	limit		
20	QPSK	1	26	16.52	16.34	16.68	18.0	0.0	
Channel				630500	633334	636168	18.0	0.0	
Frequency (MHz)				3457.5	3500.01	3542.52	limit		
15	QPSK	1	19	16.54	16.40	16.47	18.0	0.0	
Channel				630334	633334	636334	18.0	0.0	
Frequency (MHz)				3455.01	3500.01	3545.01	limit		
10	QPSK	1	12	16.46	16.44	16.53	18.0	0.0	



n2 NSA DSI2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372500	376000	379500	17.0	0.0	
Frequency (MHz)				1865	1880	1895			
30	PV2 BPSK	1	1	15.96	16.04	15.77	17.0	0.0	
30	PV2 BPSK	1	80	16.04	15.98	15.84			
30	PV2 BPSK	1	168	15.72	15.84	15.81	17.0	0.0	
30	PV2 BPSK	80	0	15.50	15.73	15.64			
30	PV2 BPSK	80	40	15.88	16.04	15.81	17.0	0.0	
30	PV2 BPSK	80	80	15.23	15.45	15.42			
30	PV2 BPSK	160	0	15.37	15.39	15.32	17.0	0.0	
30	QPSK	1	1	16.07	16.14	16.01			
30	QPSK	1	80	16.09	16.04	16.01	17.0	0.0	
30	QPSK	1	168	15.90	15.89	15.61			
30	QPSK	80	0	15.08	15.10	15.21	17.0	0.0	
30	QPSK	80	40	16.04	16.16	15.86			
30	QPSK	80	80	15.07	15.17	15.27	17.0	0.0	
30	QPSK	160	0	15.06	15.00	15.05			
30	16QAM	1	1	15.09	15.11	15.17	17.0	0.0	
30	64QAM	1	1	15.22	15.16	15.03			
30	256QAM	1	1	15.11	15.15	15.15	17.0	0.0	
Channel				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1897.5	17.0	0.0	
25	PV2 BPSK	1	1	15.86	15.84	15.83	17.0	0.0	
Channel				372000	376000	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1880	1900	17.0	0.0	
20	PV2 BPSK	1	1	16.07	16.25	16.01			
20	PV2 BPSK	1	53	16.19	16.29	16.12	17.0	0.0	
20	PV2 BPSK	1	104	15.91	16.15	16.05			
20	PV2 BPSK	50	0	15.75	15.90	15.78	17.0	0.0	
20	PV2 BPSK	50	28	16.12	16.18	16.10			
20	PV2 BPSK	50	56	15.44	15.62	15.66	17.0	0.0	
20	PV2 BPSK	100	0	15.48	15.65	15.56			
20	QPSK	1	1	16.20	16.35	16.15	17.0	0.0	
20	QPSK	1	53	16.29	16.29	16.25			
20	QPSK	1	104	16.11	16.00	15.93	17.0	0.0	
20	QPSK	50	0	15.25	15.18	15.30			
20	QPSK	50	28	16.20	16.45	16.20	17.0	0.0	
20	QPSK	50	56	15.29	15.30	15.35			
20	QPSK	100	0	15.25	15.32	15.22	17.0	0.0	
20	16QAM	1	1	15.33	15.32	15.44			
20	64QAM	1	1	15.31	15.25	15.33	17.0	0.0	
20	256QAM	1	1	15.30	15.27	15.27			
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5	17.0	0.0	
15	PV2 BPSK	1	1	15.92	16.26	15.84	17.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1895	17.0	0.0	
10	PV2 BPSK	1	1	16.10	16.25	16.02			
Channel				1852.5	1880	1907.5	Tune-up limit (dBm)	MPR (dB)	
5	PV2 BPSK	1	1	16.00	16.16	15.90	17.0	0.0	

n5 NSA DSI2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				167500	167500	167500	21.5	0.0	
Frequency (MHz)				836.5					
25	PV2 BPSK	1	1		20.14		21.5	0.0	
25	PV2 BPSK	1	67		20.23				
25	PV2 BPSK	1	131		20.05		21.5	0.0	
25	PV2 BPSK	64	0		19.58				
25	PV2 BPSK	64	32		20.30		21.5	0.0	
25	PV2 BPSK	64	64		19.68				
25	PV2 BPSK	128	0		19.72		21.5	0.0	
25	QPSK	1	1		20.49				
25	QPSK	1	67		20.35		21.5	0.0	
25	QPSK	1	131		20.10				
25	QPSK	64	0		19.62		21.5	0.0	
25	QPSK	64	32		20.51				
25	QPSK	64	64		19.69		21.5	0.0	
25	QPSK	128	0		19.78				
25	16QAM	1	1		20.24		21.5	0.0	
25	64QAM	1	1		20.36				
25	256QAM	1	1		19.34		19.5	2.0	
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				834	836.5	839	21.5	0.0	
20	QPSK	1	1	20.31	20.41	20.27			
Channel				166300	167000	167500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5	21.5	0.0	
15	QPSK	1	1	20.03	20.45	20.14			
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844	21.5	0.0	
10	QPSK	1	1	20.32	20.29	20.19			
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5	21.5	0.0	
5	QPSK	1	1	20.17	20.41	20.12			

n25 NSA DSI2 Ant1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				374000	376500	378500	17.0	0.0	
Frequency (MHz)				1870	1882.5	1895			
40	PV2 BPSK	1	1	15.44	15.55	15.38	17.0	0.0	
40	PV2 BPSK	1	108	16.03	15.63	16.13			
40	PV2 BPSK	1	214	15.44	15.64	15.39	17.0	0.0	
40	PV2 BPSK	108	0	15.42	15.36	15.28			
40	PV2 BPSK	108	54	15.97	15.58	16.11	17.0	0.0	
40	PV2 BPSK	108	108	15.40	15.47	15.73			
40	PV2 BPSK	216	0	15.36	15.55	15.45	17.0	0.0	
40	QPSK	1	1	15.44	16.00	15.74			
40	QPSK	1	108	15.43	15.44	15.59	17.0	0.0	
40	QPSK	1	214	15.47	15.41	15.54			
40	QPSK	108	0	16.05	16.04	16.09	17.0	0.0	
40	QPSK	108	54	15.23	16.14	15.45			
40	QPSK	108	108	15.99	15.88	15.90	17.0	0.0	
40	QPSK	216	0	15.41	15.51	15.35			
40	16QAM	1	1	15.22	15.18	15.45	17.0	0.0	
40	64QAM	1	1	16.06	15.71	16.11			
40	256QAM	1	1	15.07	15.27	15.12	17.0	0.0	
Channel				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1865	1882.5	1900	17.0	0.0	
30	QPSK	1	1	15.23	15.81	15.44			
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1882.5	1902.5	17.0	0.0	
25	QPSK	1	1	15.15	15.84	15.42			
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860	1882.5	1905	17.0	0.0	
20	QPSK	1	1	15.36	15.87	15.57			
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1882.5	1907.5	17.0	0.0	
15	QPSK	1	1	15.33	15.77	15.52			
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1882.5	1910	17.0	0.0	
10	QPSK	1	1	15.20	15.71	15.62			
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1882.5	1912.5	17.0	0.0	
5	QPSK	1	1	15.14	15.74	15.54			



n30 NSA DSI2 Ant1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				462000	462000			
Frequency (MHz)				2310				
10	PI2 BPSK	1	1		14.73			
10	PI2 BPSK	1	26		14.73		16.0	0.0
10	PI2 BPSK	1	50		14.70		16.0	0.0
10	PI2 BPSK	25	0		14.24		16.0	0.0
10	PI2 BPSK	25	14		14.70		16.0	0.0
10	PI2 BPSK	25	27		14.41		16.0	0.0
10	PI2 BPSK	50	0		14.25		16.0	0.0
10	QPSK	1	1		14.83			
10	QPSK	1	26		14.74		16.0	0.0
10	QPSK	1	50		14.81		16.0	0.0
10	QPSK	25	0		14.52		16.0	0.0
10	QPSK	25	14		14.85		16.0	0.0
10	QPSK	25	27		14.18		16.0	0.0
10	QPSK	50	0		14.80		16.0	0.0
10	16QAM	1	1		14.45		16.0	0.0
10	64QAM	1	1		14.22		16.0	0.0
10	256QAM	1	1		14.39		16.0	0.0
Channel				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2307.5	2310	2312.5		
5	QPSK	1	1	14.74	14.51	14.63	16.0	0.0

n66 NSA DSI2 Ant1								
BW [MHz]	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	345000	345000		
Frequency (MHz)				1730	1745	1760		
40	PI2 BPSK	1	1	14.88	15.17	14.88		
40	PI2 BPSK	1	108	15.54	15.51	15.63	17.5	0.0
40	PI2 BPSK	1	214	14.87	15.01	14.86	17.5	0.0
40	PI2 BPSK	108	0	15.04	14.99	14.84	17.5	0.0
40	PI2 BPSK	108	54	15.60	15.65	15.35	17.5	0.0
40	PI2 BPSK	108	108	14.94	15.08	15.04	17.5	0.0
40	PI2 BPSK	216	0	15.04	15.23	14.93	17.5	0.0
40	QPSK	1	1	15.02	15.85	15.00		
40	QPSK	1	108	14.86	15.09	15.03	17.5	0.0
40	QPSK	1	214	15.07	15.18	14.73	17.5	0.0
40	QPSK	108	0	15.58	15.57	15.44	17.5	0.0
40	QPSK	108	54	15.49	15.72	15.67	17.5	0.0
40	QPSK	108	108	15.42	15.61	15.60	17.5	0.0
40	QPSK	216	0	14.84	15.51	15.01	17.5	0.0
40	16QAM	1	1	14.96	15.00	14.71	17.5	0.0
40	64QAM	1	1	15.49	15.52	15.36	17.5	0.0
40	256QAM	1	1	14.82	15.04	14.99	17.5	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	15.55	15.66	15.62	17.5	0.0
Channel				344500	349000	353500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	15.40	15.64	15.63	17.5	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	15.36	15.65	15.54	17.5	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	1	15.55	15.65	15.64	17.5	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	15.55	15.66	15.65	17.5	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	1	15.42	15.59	15.42	17.5	0.0

n41 PC2&3 NSA DSI2 Ant1								
BW [MHz]	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	18.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.45	16.69	16.58	18.0	0.0
100	PI/2 BPSK	1	137	16.46	16.56	16.37		
100	PI/2 BPSK	1	271	16.40	16.67	16.52	18.0	0.0
100	PI/2 BPSK	135	0	16.33	16.54	16.37		
100	PI/2 BPSK	135	69	16.32	16.17	16.55	18.0	0.0
100	PI/2 BPSK	135	138	16.28	16.51	16.26	18.0	0.0
100	PI/2 BPSK	270	0	16.21	16.42	16.25	18.0	0.0
100	QPSK	1	1	16.58	16.85	16.68	18.0	0.0
100	QPSK	1	137	15.64	15.59	15.57		
100	QPSK	1	271	15.81	15.84	15.61	18.0	0.0
100	QPSK	135	0	15.81	16.03	15.76		
100	QPSK	135	69	16.50	17.00	16.76	18.0	0.0
100	QPSK	135	138	15.72	15.85	15.75	18.0	0.0
100	QPSK	270	0	15.47	16.10	15.56	18.0	0.0
100	16QAM	1	1	15.63	15.54	15.51	18.0	0.0
100	64QAM	1	1	15.56	15.65	15.58	18.0	0.0
100	256QAM	1	1	15.69	15.58	15.58	18.0	0.0
Channel				507204	518598	529998	Tune-up limit	MPR
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)
80	QPSK	1	1	16.58	16.85	16.68	18.0	0.0
Channel				506202	518598	531000	Tune-up limit	MPR
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)
70	QPSK	1	1	16.30	16.62	16.40	18.0	0.0
Channel				505200	518598	531996	Tune-up limit	MPR
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)
60	QPSK	1	1	16.53	16.48	16.40	18.0	0.0
Channel				504204	518598	532998	Tune-up limit	MPR
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)
50	QPSK	1	1	16.30	16.86	16.52	18.0	0.0
Channel				503202	518598	534000	Tune-up limit	MPR
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)
40	QPSK	1	1	16.44	16.34	16.29	18.0	0.0
Channel				502200	518598	534996	Tune-up limit	MPR
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)
30	QPSK	1	1	16.23	16.23	16.42	18.0	0.0
Channel				501204	518598	535998	Tune-up limit	MPR
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)
20	QPSK	1	1	16.28	16.53	16.15	18.0	0.0
Channel				500700	518598	536496	Tune-up limit	MPR
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)
15	QPSK	1	1	16.04	16.43	16.42	18.0	0.0
Channel				500202	518598	537000	Tune-up limit	MPR
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)
10	QPSK	1	1	16.69	16.94	16.61	18.0	0.0



Par270 n77 PC2&3 SA DS12 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq 650000	Power Middle Ch / Freq 650000	Power High Ch / Freq 662000	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	3750	3840	3930			
100	P12 BPSK	1	1	17.39	17.62	17.29			
100	P12 BPSK	1	137	16.76	16.89	16.53	18.5	0.0	
100	P12 BPSK	1	271	17.24	17.39	17.08			
100	P12 BPSK	135	0	17.50	17.53	17.32	18.5	0.0	
100	P12 BPSK	135	69	17.38	17.75	17.37	18.5	0.0	
100	P12 BPSK	135	138	17.33	17.35	17.29	18.5	0.0	
100	P12 BPSK	270	0	16.75	16.75	16.55			
100	QPSK	1	1	17.75	17.80	17.57			
100	QPSK	1	137	16.88	17.00	16.74	18.5	0.0	
100	QPSK	1	271	17.48	17.60	17.35			
100	QPSK	135	0	17.59	17.69	17.42	18.5	0.0	
100	QPSK	135	69	17.57	17.88	17.47	18.5	0.0	
100	QPSK	135	138	16.99	17.05	16.67	18.5	0.0	
100	QPSK	270	0	16.99	17.05	16.67	18.5	0.0	
100	16QAM	1	1	17.62	17.53	17.31	18.5	0.0	
100	16QAM	1	1	17.62	17.76	17.48	18.5	0.0	
100	256QAM	1	1	16.94	17.22	17.02	18.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	17.45	17.60	17.33	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	17.31	17.54	17.32	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	17.40	17.61	17.45	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	17.33	17.62	17.44	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	17.33	17.57	17.49	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	17.51	17.67	17.48	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	17.45	17.59	17.34	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	17.38	17.69	17.54	18.5	0.0	

Par270 n77 PC2&3 NSA DS12 Ant2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	13.07	13.54	13.28	15.0	0.0	
100	P12 BPSK	1	137	13.18	14.48	14.00			
100	P12 BPSK	1	271	13.40	13.44	13.21	15.0	0.0	
100	P12 BPSK	135	0	13.73	13.82	13.62			
100	P12 BPSK	135	69	14.15	14.42	13.88	15.0	0.0	
100	P12 BPSK	135	138	13.58	13.57	13.49	15.0	0.0	
100	P12 BPSK	270	0	13.94	14.13	14.18	15.0	0.0	
100	QPSK	1	1	14.08	14.34	13.94	15.0	0.0	
100	QPSK	1	137	14.00	14.04	13.83			
100	QPSK	1	271	13.56	13.94	13.48	15.0	0.0	
100	QPSK	135	0	13.13	13.36	12.93			
100	QPSK	135	69	14.35	14.53	14.35	15.0	0.0	
100	QPSK	135	138	12.89	13.09	12.90	15.0	0.0	
100	QPSK	270	0	12.98	13.34	12.95	15.0	0.0	
100	16QAM	1	1	13.17	13.40	13.21	15.0	0.0	
100	16QAM	1	1	13.62	14.13	13.74	15.0	0.0	
100	256QAM	1	1	13.37	13.23	13.10	15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	14.04	14.22	13.01	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	14.02	14.30	13.68	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.95	14.30	13.79	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.91	14.10	13.73	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	14.02	14.11	13.78	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.87	14.14	13.73	15.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	13.96	14.14	13.88	15.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	13.86	14.17	13.79	15.0	0.0	

Part27Q n77 PC2&3 SA DS12 Ant2									
BW [MHz]	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)					3500.01				
100	P12 BPSK	1	1		16.61				
100	P12 BPSK	1	137		16.61		18.5	0.0	
100	P12 BPSK	1	271		16.63				
100	P12 BPSK	135	0		16.74				
100	P12 BPSK	135	69		17.76		18.5	0.0	
100	P12 BPSK	135	138		17.76				
100	P12 BPSK	270	0		16.84		18.5	0.0	
100	QPSK	1	1		17.01				
100	QPSK	1	137		16.71		18.5	0.0	
100	QPSK	1	271		16.71				
100	QPSK	135	0		16.85				
100	QPSK	135	69		17.65		18.5	0.0	
100	QPSK	135	138		16.83				
100	QPSK	270	0		16.93		18.5	0.0	
100	16QAM	1	1		16.62		18.5	0.0	
100	16QAM	1	1		16.62		18.5	0.0	
100	256QAM	1	1		16.54		18.5	0.0	
Channel									
Frequency (MHz)				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
90	QPSK	1	123	3495	3500.01	3505.02			
Channel									
Frequency (MHz)				633666	633334	633000	Tune-up limit (dBm)	MPR (dB)	
80	QPSK	1	109	1729	1729.01	1731.0			
Channel									
Frequency (MHz)				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
60	QPSK	1	81	1732	1732.01	1734.0			
Channel									
Frequency (MHz)				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
50	QPSK	1	67	1732	1732.01	1734.0			
Channel									
Frequency (MHz)				631334	633334	635334	Tune-up limit (dBm)	MPR (dB)	
40	QPSK	1	53	1737.01	1735.01	1735.01			
Channel									
Frequency (MHz)				630664	633334	636000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	26	1740.02	1730.01	1740.02			
Channel									
Frequency (MHz)				34675	3500.01	3543.92	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	19	1723	1747	1747	18.5	0.0	
Channel									
Frequency (MHz)				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	12	1736	1743	1743	18.5	0.0	



Part27Q n77 PC2&3 NSA DSI2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	13.50			15.0	0.0	
100	P12 BPSK	1	137	14.58					
100	P12 BPSK	1	271	13.75			15.0	0.0	
100	P12 BPSK	135	6	13.84					
100	P12 BPSK	135	69	14.09			15.0	0.0	
100	P12 BPSK	135	138	13.88			15.0	0.0	
100	P12 BPSK	270	0	14.05			15.0	0.0	
100	QPSK	1	1	14.48			15.0	0.0	
100	QPSK	1	137	13.93					
100	QPSK	1	271	13.75			15.0	0.0	
100	QPSK	135	6	13.44					
100	QPSK	135	69	14.59			15.0	0.0	
100	QPSK	135	138	13.30			15.0	0.0	
100	QPSK	270	0	13.38			15.0	0.0	
100	16QAM	1	1	13.67			15.0	0.0	
100	64QAM	1	1	13.69			15.0	0.0	
100	256QAM	1	1	13.67			15.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3505.02			
90	QPSK	1	123	14.05	14.20	14.05	15.0	0.0	
Channel				633668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
90	QPSK	1	109	13.74	14.09	13.78	15.0	0.0	
Channel				635000	633334	634668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3520.02			
60	QPSK	1	81	13.94	13.94	13.79	15.0	0.0	
Channel				637168	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	QPSK	1	67	13.84	14.05	13.84	15.0	0.0	
Channel				637000	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	13.59	13.74	13.69	15.0	0.0	
Channel				636968	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	QPSK	1	26	13.55	13.69	13.67	15.0	0.0	
Channel				635000	633334	636168	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3447.5	3500.01	3547.52			
15	QPSK	1	19	13.59	13.82	13.80	15.0	0.0	
Channel				630334	633334	636334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3445.01	3500.01	3545.01			
10	QPSK	1	12	13.62	13.88	13.64	15.0	0.0	

Part27O n78 PC2&3 SA DSI2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	17.35					
100	P12 BPSK	1	137	16.62			18.5	0.0	
100	P12 BPSK	1	271	17.27					
100	P12 BPSK	135	6	17.38			18.5	0.0	
100	P12 BPSK	135	69	17.63			18.5	0.0	
100	P12 BPSK	135	138	17.35			18.5	0.0	
100	P12 BPSK	270	0	15.59					
100	QPSK	1	1	17.54					
100	QPSK	1	137	16.76			18.5	0.0	
100	QPSK	1	271	17.51					
100	QPSK	135	6	17.43			18.5	0.0	
100	QPSK	135	69	17.73			18.5	0.0	
100	QPSK	135	138	16.88			18.5	0.0	
100	QPSK	270	0	15.83					
100	16QAM	1	1	17.23			18.5	0.0	
100	64QAM	1	1	17.63			18.5	0.0	
100	256QAM	1	1	15.53			18.5	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	17.00	17.42	17.28	18.5	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3765.02			
80	QPSK	1	109	17.40	17.42	17.40	18.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95	17.12	17.24	17.15	18.5	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	17.14	17.35	17.23	18.5	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	17.17	17.45	17.22	18.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	17.33	17.35	17.29	18.5	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3785.01			
30	QPSK	1	39	17.00	17.32	17.17	18.5	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	17.12	17.24	17.15	18.5	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	17.12	17.40	17.15	18.5	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3705	3750	3795			
10	QPSK	1	12	17.20	17.37	17.12	18.5	0.0	

Part27O n78 PC2&3 NSA DSI2 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
100	P12 BPSK	1	1	13.44					
100	P12 BPSK	1	137	14.68			15.0	0.0	
100	P12 BPSK	1	271	13.34			15.0	0.0	
100	P12 BPSK	135	6	13.66					
100	P12 BPSK	135	69	14.15			15.0	0.0	
100	P12 BPSK	135	138	13.72			15.0	0.0	
100	P12 BPSK	270	0	13.54			15.0	0.0	
100	QPSK	1	1	14.03					
100	QPSK	1	137	13.84			15.0	0.0	
100	QPSK	1	271	13.56					
100	QPSK	135	6	13.16			15.0	0.0	
100	QPSK	135	69	14.31			15.0	0.0	
100	QPSK	135	138	13.27			15.0	0.0	
100	QPSK	270	0	13.16			15.0	0.0	
100	16QAM	1	1	13.20			15.0	0.0	
100	64QAM	1	1	13.82			15.0	0.0	
100	256QAM	1	1	13.12			15.0	0.0	
Channel				649668	650000	650334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3755.01			
90	QPSK	1	123	13.29	13.48	13.43	18.0	0.0	
Channel				649334	650000	650668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3765.02			
80	QPSK	1	109	13.03	13.50	13.42	18.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	QPSK	1	95	13.70	13.88	13.55	18.0	0.0	
Channel				648668	650000	651334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3770.01			
60	QPSK	1	81	13.61	13.72	13.43	18.0	0.0	
Channel				648334	650000	651668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3775.02			
50	QPSK	1	67	13.56	13.64	13.41	18.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	QPSK	1	53	13.44	13.63	13.28	18.0	0.0	
Channel				647668	650000	652334	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3714.02	3750	3784.01			
30	QPSK	1	39	13.42	13.57	13.35	18.0	0.0	
Channel				647334	650000	652668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3790.02			
20	QPSK	1	26	13.57	13.73	13.27	18.0	0.0	
Channel				647168	650000	652834	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3707.52	3750	3792.51			
15	QPSK	1	19	13.38	13.70	13.45	18.0	0.0	
Channel				647000	650000	653000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3700	3750	3790			
10	QPSK	1	12	13.54	13.66	13.30	15.0	0.0	



Part27Q n78 PC2&3 SA DS12 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	P1/2 BPSK	1	1	16.85			18.5	0.0	
100	P1/2 BPSK	1	137	16.71					
100	P1/2 BPSK	1	271	16.54					
100	P1/2 BPSK	135	9	17.10					
100	P1/2 BPSK	135	69	17.32			18.5	0.0	
100	P1/2 BPSK	135	138	17.21					
100	P1/2 BPSK	270	9	16.93					
100	QPSK	1	1	17.31					
100	QPSK	1	137	16.72			18.5	0.0	
100	QPSK	1	271	16.73					
100	QPSK	135	9	17.24					
100	QPSK	135	69	17.58					
100	QPSK	135	138	17.34			18.5	0.0	
100	QPSK	270	9	17.12					
100	16QAM	1	1	16.93					
100	64QAM	1	1	16.34					
100	256QAM	1	1	15.96			18.5	0.0	
Channel									
Frequency (MHz)				63000	63334	63668	Tune-up limit	MPR	
90	QPSK	1	123	15.91	17.00	16.79	18.5	0.0	
Channel									
Frequency (MHz)				63068	63334	63602	Tune-up limit	MPR	
80	QPSK	1	109	17.10	16.97	16.78	18.5	0.0	
Channel									
Frequency (MHz)				63034	63334	63434	Tune-up limit	MPR	
70	QPSK	1	95	17.13	16.91	16.77	18.5	0.0	
Channel									
Frequency (MHz)				63000	63334	63566	Tune-up limit	MPR	
60	QPSK	1	81	17.10	17.02	16.80	18.5	0.0	
Channel									
Frequency (MHz)				63034	63334	63434	Tune-up limit	MPR	
50	QPSK	1	67	17.11	17.07	16.85	18.5	0.0	
Channel									
Frequency (MHz)				63000	63334	63566	Tune-up limit	MPR	
40	QPSK	1	53	17.05	17.03	16.94	18.5	0.0	
Channel									
Frequency (MHz)				63068	63334	63468	Tune-up limit	MPR	
30	QPSK	1	39	17.12	16.99	16.93	18.5	0.0	
Channel									
Frequency (MHz)				63034	63334	63468	Tune-up limit	MPR	
20	QPSK	1	25	16.96	16.86	16.74	18.5	0.0	
Channel									
Frequency (MHz)				63000	63334	63468	Tune-up limit	MPR	
15	QPSK	1	19	16.98	16.94	16.83	18.5	0.0	
Channel									
Frequency (MHz)				63034	63334	63468	Tune-up limit	MPR	
10	QPSK	1	12	15.91	16.99	16.87	18.5	0.0	

Part27Q n78 PC2&3 NSA DS12 Ant2									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3500.01					
100	P1/2 BPSK	1	1	13.43			15.0	0.0	
100	P1/2 BPSK	1	137	13.95					
100	P1/2 BPSK	1	271	13.47					
100	P1/2 BPSK	135	9	13.96					
100	P1/2 BPSK	135	138	13.88			15.0	0.0	
100	P1/2 BPSK	135	69	13.87					
100	P1/2 BPSK	270	9	13.87					
100	QPSK	1	1	13.94					
100	QPSK	1	137	13.31			15.0	0.0	
100	QPSK	1	271	13.34					
100	QPSK	135	9	14.02					
100	QPSK	135	69	14.14					
100	QPSK	135	138	13.87			15.0	0.0	
100	QPSK	270	9	13.85					
100	16QAM	1	1	13.75					
100	64QAM	1	1	13.03					
100	256QAM	1	1	13.27			15.0	0.0	
Channel									
Frequency (MHz)				630000	630334	630668	Tune-up limit (dBm)	MPR (dB)	
				3495	3500.01	3505.02	(dBm)		
80	QPSK	1	123	13.42	13.73	13.74	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3495.02	3500.01	3505.02			
80	QPSK	1	109	13.42	13.65	13.67	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3485.01	3500.01	3515.03			
70	QPSK	1	95	13.55	13.80	13.80	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3480.00	3500.01	3520.02			
60	QPSK	1	81	13.45	13.82	13.88	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3475.02	3500.01	3540.05			
50	QPSK	1	67	13.53	13.73	13.70	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3470.01	3500.01	3530.01			
40	QPSK	1	53	13.34	13.65	13.59	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3465.00	3500.01	3535.02			
30	QPSK	1	39	13.35	13.83	13.60	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3460.02	3500.01	3530.00			
20	QPSK	1	25	13.44	13.84	13.71	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3455.00	3500.01	3525.02			
15	QPSK	1	19	13.35	13.75	13.73	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				3450.01	3500.01	3540.01			
10	QPSK	1	12	13.34	13.72	13.58	Tune-up limit (dBm)	MPR (dB)	

WLAN/Bluetooth Power

Art 8 Full Power Handheld Standalone					Art 8 For Head Standalone		Art 8 For Head Simultaneous		Art 8 Hotspot		Art 8 Body worn Standalone		Art 8 Body worn Simultaneous		Art 8 Handheld Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.25	23.0	12.80	14.5	9.01	10.5	11.0	19.28	20.0	10.42	12.0	16.29	18.0	100.00
		6	2437	21.37	23.0	12.95	14.5	9.11	10.5	9.68	11.0	18.36	20.0	10.51	12.0	16.37	
		11	2462	21.23	23.0	12.84	14.5	8.96	10.5	9.44	11.0	18.30	20.0	10.46	12.0	16.26	
	802.11g 6Mbps	1	2412	18.27	20.0	12.80	14.5		10.5		11.0		20.0		12.0		97.46
		6	2437	19.33	20.5	13.27	14.5		10.5		11.0		20.0		12.0		
		11	2462	18.23	20.0	12.62	14.5		10.5		11.0		20.0		12.0		
	802.11n-HT20 MCS0	1	2412	17.48	19.0	12.80	14.5		10.5		11.0		19.0		12.0		97.28
		6	2437	19.18	20.5	13.30	14.5	Not Required	10.5	Not Required	11.0		20.0	Not Required	12.0	Not Required	
		11	2462	17.44	19.0	12.90	14.5		10.5		11.0		19.0		12.0		
	802.11n-HT40 MCS0	3	2422	14.99	16.5	13.02	14.5		10.5		11.0		16.5		12.0		94.92
		6	2437	19.13	20.5	13.12	14.5		10.5		11.0		20.0		12.0		
		9	2452	16.37	17.0	12.75	14.5		10.5		11.0		17.0		12.0		

Art 8 Full Power Handheld Standalone					Art 8 For Head Standalone		Art 8 For Head Simultaneous		Art 8 Hotspot		Art 8 Body worn Standalone		Art 8 Body worn Simultaneous		Art 8 Handheld Simultaneous			
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
5.8GHz WLAN	802.11a 6Mbps	36	5180	19.22	20.5		17.5			10.0		7.5		13.5		6.0	13.0	97.46
		40	5200	19.24	20.5		17.5			10.0		7.5		13.5		6.0	13.0	
		44	5220	19.20	20.5		17.5			10.0		7.5		13.5		6.0	13.0	
		48	5240	19.23	20.5		17.5			10.0		7.5		13.5		6.0	13.0	
	802.11n-HT20 MCS0	36	5180	19.09	20.5		17.5			10.0		7.5		13.5		6.0	13.0	97.28
		40	5200	19.10	20.5		17.5			10.0		7.5		13.5		6.0	13.0	
		44	5220	19.14	20.5		17.5			10.0		7.5		13.5		6.0	13.0	
		48	5240	19.07	20.5		17.5	Not Required		10.0	Not Required	7.5	Not Required	13.5	Not Required	6.0	13.0	
	802.11n-HT40 MCS0	36	5190	16.79	18.5	16.02	17.5			10.0		7.5		13.5		6.0	13.0	94.68
		46	5235	19.28	20.5	16.12	17.5			10.0		7.5		13.5		6.0	13.0	
		36	5180	18.25	20.0		17.5			10.0		7.5		13.5		6.0	13.0	
		40	5200	18.20	20.0		17.5			10.0		7.5		13.5		6.0	13.0	
	802.11ac-VHT20 MCS0	44	5220	18.26	20.0		17.5			10.0		7.5		13.5		6.0	13.0	97.31
		48	5240	18.23	20.0		17.5			10.0		7.5		13.5		6.0	13.0	
		38	5190	16.70	18.0		17.5			10.0		7.5		13.5		6.0	13.0	
		46	5230	18.43	20.0		17.5			10.0		7.5		13.5		6.0	13.0	
	802.11ac-VHT80 MCS0	42	5210	14.39	15.5		15.5	8.46	10.0	6.05	7.5	11.85	13.5	4.48	6.0	11.35	13.0	90.28

	Art 8 Full Power				Art 8 For Head Standalone		Art 8 For Head Simultaneous		Art 8 Body worn Standalone		Art 8 Body worn Simultaneous		Art 8 Handheld Standalone		Art 8 Handheld Simultaneous		Duty Cycle %	
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)	Time Up Limit	Average power (dBm)		Time Up Limit
5.8GHz WLAN	802.11a 6Mbps	52	5260	19.17	20.5		17.5		10.0			13.5	6.0		20.0		11.5	97.46
		56	5280	19.14	20.5		17.5		10.0			13.5	6.0		20.0		11.5	
		60	5300	19.12	20.5		17.5		10.0			13.5	6.0		20.0		11.5	
		64	5320	19.09	20.5		17.5		10.0			13.5	6.0		20.0		11.5	
	802.11n-HT20 MCS0	52	5260	19.13	20.5		17.5		10.0			13.5	6.0	Not Required	20.0		11.5	97.28
		56	5280	19.08	20.5		17.5		10.0			13.5	6.0		20.0		11.5	
		60	5300	19.04	20.5		17.5		10.0			13.5	6.0		20.0		11.5	
		64	5320	17.43	19.0		17.5	Not Required	10.0	Not Required	13.5	Not Required	6.0	19.0	Not Required	11.5		
	802.11n-HT40 MCS0	54	5270	19.24	20.5	16.11	17.5		10.0			13.5	6.0	18.12	20.0		11.5	94.68
		62	5310	14.70	16.0	14.70	16.0		10.0			13.5	6.0	14.70	16.0		11.5	
		52	5260	18.16	20.0		17.5		10.0			13.5	6.0		20.0		11.5	
		56	5280	18.12	20.0		17.5		10.0			13.5	6.0		20.0		11.5	
	802.11ac-VHT20 MCS0	60	5300	18.09	20.0		17.5		10.0			13.5	6.0		20.0		11.5	97.31
		64	5320	17.40	19.0	Not Required	17.5		10.0			13.5	6.0	Not Required	19.0		11.5	
		54	5270	18.33	20.0		17.5		10.0			13.5	6.0		20.0		11.5	
		62	5310	14.64	16.0		16.0		10.0			13.5	6.0		16.0		11.5	
	802.11ac-VHT80 MCS0	58	5290	13.76	15.5		15.5	8.32	10.0	11.66	13.5	4.33	6.0		15.5	9.88	11.5	90.28

Art 8 Full Power					Art 8 For Head Standalone		Art 8 For Head Simultaneous		Art 8 Body worn Standalone		Art 8 Body worn Simultaneous		Art 8 Handheld Standalone		Art 8 Handheld Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	100	5900	19.04	20.5		18.5		10.5		12.5		5.0	Not Required	19.0		97.46
		116	5980	19.26	20.5		18.5		10.5		12.5		5.0		19.0		
		132	6060	19.28	20.5		18.5		10.5		12.5		5.0		19.0		
		140	5700	18.28	20.0		18.5		10.5		12.5		5.0		19.0		
	802.11n-HT20 MCS0	100	5900	18.97	20.5		18.5		10.5		12.5		5.0		19.0		97.28
		116	5980	19.17	20.5		18.5		10.5		12.5		5.0		19.0		
		132	6060	19.22	20.5		18.5		10.5		12.5		5.0		19.0		
		140	5700	17.17	19.0		18.5		10.5		12.5		5.0		19.0		
	802.11n-HT40 MCS0	102	5910	15.41	17.0	15.41	17.0	Not Required	10.5	Not Required		12.5		5.0	15.41	17.0	94.68
		110	5950	18.98	20.5	16.75	18.5		10.5		12.5		5.0	17.23	19.0		
		134	5670	18.47	20.0	16.81	18.5		10.5		12.5		5.0	17.29	19.0		
		100	5900	18.09	19.5		18.5		10.5		12.5		5.0		19.0		
	802.11ac-VHT20 MCS0	116	5980	18.16	20.0		18.5		10.5		12.5		5.0		19.0		97.31
		132	6060	18.21	20.0		18.5		10.5		12.5		5.0		19.0		
		140	5700	17.01	19.0		18.5		10.5		12.5		5.0		19.0		
		102	5910	15.35	17.0		17.0		10.5		12.5		5.0	Not Required	17.0		
	802.11ac-VHT40 MCS0	110	5950	18.09	20.0		18.5		10.5		12.5		5.0		19.0		94.74
		134	5670	18.45	20.0		18.5		10.5		12.5		5.0		19.0		
		106	5930	11.31	13.0		13.0	8.76	10.5	10.87	12.5	3.38	5.0		13.0	9.45	11.0
																	90.28

Art 8 Full Power					Art 8 For Head Standalone		Art 8 For Head Simultaneous		Art 8 Hotspot Body worn Simultaneous		Art 8 Body worn Standalone		Art 8 Full Power Handheld Standalone		Art 8 Full Power Handheld Simultaneous		
Mode	Channel	Frequency (MHz)	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Average power (dbm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	19.04	20.5		18.5		10.5		6.5		13.5		19.0		97.46
		157	5785	19.22	20.5		18.5		10.5		6.5		13.5		19.0		
		165	5825	19.06	20.5		18.5		10.5		6.5		13.5		19.0		97.28
		149	5745	18.92	20.5		18.5		10.5		6.5		13.5		19.0		
		157	5785	19.15	20.5		18.5		10.5		6.5		13.5		19.0		
		165	5825	18.98	20.5		18.5		10.5		6.5		13.5		19.0		
	802.11n HT40 MCS0	151	5750	19.18	20.5	Not Required	18.5	Not Required		Not Required	6.5	Not Required	13.5	17.42	19.0	Not Required	94.68
		159	5795	19.14	20.5		18.5		10.5		6.5		13.5	17.49	19.0		
	802.11ac- VHT20 MCS0	149	5745	17.90	19.5		18.5		10.5		6.5		13.5		19.0		97.31
		157	5785	18.14	20.0		18.5		10.5		6.5		13.5		19.0		
	802.11ac- VHT40 MCS0	165	5825	18.02	20.0		18.5		10.5		6.5		13.5		19.0		94.74
		151	5755	18.25	20.0		18.5		10.5		6.5		13.5		19.0		
802.11ac- VHT20 MCS0	159	5795	18.28	20.0		18.5		10.5		6.5		13.5		19.0		90.28	
	155	5775	18.16	20.0	16.85	18.5	8.89	10.5	4.76	6.5	11.66	13.5	17.35	19.0	9.57		11.0