

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 %

^ε 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 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
	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	23.22	23.38	23.28	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 TX Channel Frequency (MHz)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
	1850.2	1880	1909.8	30.50	20.25	20.36	20.30	21.50
GSM 1 Tx slot	29.25	29.36	29.30	30.50	20.23	20.34	20.29	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	17.85	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 TX Channel Rx Channel Frequency (MHz)	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		
	1852.4	1880	1907.6	24.00	1537	1638	1738	4357	4407	4458	24.00		
	1852.4	1880	1907.6	24.00	1712.4	1732.6	1752.6	826.4	836.4	846.6	24.00		
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	RVC 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	21.86	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	21.86	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	21.58	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 2 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)										
20	QPSK	1	0	22.48	22.60	22.47	24	0		
20	QPSK	1	49	22.42	22.55	22.47				
20	QPSK	1	99	22.34	22.51	22.39				
20	QPSK	50	0	21.56	21.59	21.48				
20	QPSK	50	24	21.47	21.58	21.54	23	1		
20	QPSK	50	50	21.41	21.52	21.41				
20	QPSK	100	0	21.55	21.61	21.52				
20	16QAM	1	0	21.66	21.71	21.67				
20	16QAM	1	49	21.64	21.77	21.64	23	1		
20	16QAM	1	99	21.66	21.74	21.63				
20	16QAM	50	0	20.41	20.57	20.46				
20	16QAM	50	24	20.49	20.54	20.45				
20	16QAM	50	50	20.44	20.47	20.39	22	2		
20	16QAM	100	0	20.33	20.49	20.45				
20	84QAM	1	0	20.40	20.56	20.50				
20	84QAM	1	49	20.59	20.65	20.61				
20	84QAM	1	99	20.53	20.59	20.44	22	2		
20	84QAM	50	0	19.54	19.56	19.49				
20	84QAM	50	24	19.57	19.59	19.48				
20	84QAM	50	50	19.41	19.47	19.39				
20	84QAM	100	0	19.42	19.45	19.29	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.45	22.56	22.44			24	0
15	QPSK	1	37	22.35	22.52	22.37				
15	QPSK	1	74	22.32	22.42	22.33				
15	QPSK	36	0	21.44	21.48	21.35				
15	QPSK	36	20	21.35	21.52	21.41	23	1		
15	QPSK	36	39	21.27	21.38	21.28				
15	QPSK	75	0	21.47	21.59	21.39				
15	16QAM	1	0	21.60	21.63	21.57				
15	16QAM	1	37	21.51	21.66	21.56	23	1		
15	16QAM	1	74	21.62	21.71	21.54				
15	16QAM	36	0	20.37	20.51	20.32				
15	16QAM	36	20	20.46	20.58	20.38				
15	16QAM	36	39	20.31	20.40	20.27	22	2		
15	16QAM	75	0	20.28	20.41	20.42				
15	84QAM	1	0	20.34	20.50	20.41				
15	84QAM	1	37	20.52	20.55	20.52				
15	84QAM	1	74	20.43	20.54	20.34	22	2		
15	84QAM	36	0	19.44	19.42	19.36				
15	84QAM	36	20	19.53	19.53	19.40				
15	84QAM	36	39	19.26	19.39	19.29				
15	84QAM	75	0	19.34	19.33	19.18	21	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.45	22.52	22.34			24	0
10	QPSK	1	25	22.38	22.47	22.42				
10	QPSK	1	49	22.24	22.48	22.34				
10	QPSK	25	0	21.49	21.49	21.37				
10	QPSK	25	12	21.41	21.48	21.48	23	1		
10	QPSK	25	25	21.36	21.50	21.36				
10	QPSK	50	0	21.46	21.56	21.46				
10	16QAM	1	0	21.60	21.63	21.65				
10	16QAM	1	25	21.54	21.75	21.52	23	1		
10	16QAM	1	49	21.63	21.65	21.60				
10	16QAM	25	0	20.28	20.44	20.33				
10	16QAM	25	12	20.40	20.47	20.33				
10	16QAM	25	25	20.34	20.45	20.37	22	2		
10	16QAM	50	0	20.28	20.39	20.39				
10	84QAM	1	0	20.32	20.53	20.39				
10	84QAM	1	25	20.53	20.62	20.54				
10	84QAM	1	49	20.41	20.55	20.40	22	2		
10	84QAM	25	0	19.48	19.54	19.45				
10	84QAM	25	12	19.55	19.47	19.40				
10	84QAM	25	25	19.28	19.33	19.25				
10	84QAM	50	0	19.33	19.39	19.15	21	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.41	22.50	22.41			24	0
5	QPSK	1	12	22.29	22.42	22.35				
5	QPSK	1	24	22.22	22.43	22.34				
5	QPSK	12	0	21.45	21.53	21.35				
5	QPSK	12	7	21.38	21.45	21.46	23	1		
5	QPSK	12	13	21.37	21.41	21.32				
5	QPSK	25	0	21.46	21.54	21.50				
5	16QAM	1	0	21.57	21.61	21.56				
5	16QAM	1	12	21.53	21.67	21.59	23	1		
5	16QAM	1	24	21.62	21.85	21.51				
5	16QAM	12	0	20.32	20.44	20.44				
5	16QAM	12	7	20.39	20.40	20.31				
5	16QAM	12	13	20.31	20.39	20.28	22	2		
5	16QAM	25	0	20.27	20.39	20.42				
5	84QAM	1	0	20.32	20.52	20.40				
5	84QAM	1	12	20.48	20.57	20.49				
5	84QAM	1	24	20.39	20.56	20.38	22	2		
5	84QAM	12	0	19.49	19.51	19.40				
5	84QAM	12	7	19.45	19.51	19.45				
5	84QAM	12	13	19.35	19.38	19.36				
5	84QAM	25	0	19.28	19.38	19.19	21	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	22.39	22.48	22.36			24	0
3	QPSK	1	8	22.34	22.52	22.42				
3	QPSK	1	14	22.29	22.43	22.28				
3	QPSK	8	0	21.43	21.49	21.43				
3	QPSK	8	4	21.38	21.51	21.48	23	1		
3	QPSK	8	7	21.39	21.39	21.34				
3	QPSK	15	0	21.44	21.51	21.40				
3	16QAM	1	0	21.53	21.62	21.62				
3	16QAM	1	8	21.58	21.71	21.63	23	1		
3	16QAM	1	14	21.61	21.70	21.57				
3	16QAM	8	0	20.39	20.46	20.34				
3	16QAM	8	4	20.47	20.41	20.37				
3	16QAM	8	7	20.34	20.41	20.30	22	2		
3	16QAM	15	0	20.29	20.39	20.32				
3	84QAM	1	0	20.34	20.50	20.40				
3	84QAM	1	8	20.54	20.56	20.55				
3	84QAM	1	14	20.40	20.53	20.31	22	2		
3	84QAM	8	0	19.42	19.51	19.45				
3	84QAM	8	4	19.54	19.52	19.39				
3	84QAM	8	7	19.32	19.33	19.30				
3	84QAM	15	0	19.36	19.33	19.25	21	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.32	22.46	22.36			24	0
1.4	QPSK	1	3	22.33	22.48	22.38				
1.4	QPSK	1	5	22.26	22.34	22.26				
1.4	QPSK	3	0	22.48	22.46	22.36				
1.4	QPSK	3	1	22.32	22.46	22.37	23	1		
1.4	QPSK	3	3	22.30	22.45	22.31				
1.4	QPSK	6	0	21.38	21.43	21.40				
1.4	16QAM	1	0	21.57	21.61	21.52				
1.4	16QAM	1	3	21.61	21.61	21.47	23	1		
1.4	16QAM	1	5	21.59	21.67	21.53				
1.4	16QAM	3	0	21.31	21.50	21.29				
1.4	16QAM	3	1	21.32	21.45	21.31				
1.4	16QAM	3	3	21.32	21.31	21.27	22	2		
1.4	16QAM	6	0	20.16	20.37	20.36				
1.4	84QAM	1	0	20.26	20.43	20.42				
1.4	84QAM	1	3	20.44	20.58	20.46				
1.4	84QAM	1	5	20.35	20.48	20.27	22	2		
1.4	84QAM	3	0	20.42	20.47	20.40				
1.4	84QAM	3	1	20.39	20.51	20.40				
1.4	84QAM	3	3	20.29	20.33	20.31				
1.4	84QAM	6	0	19.29	19.32	19.16	21	3		

Band 4 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)										
20	QPSK	1	0	22.48	22.60	22.47	24	0		
20	QPSK	1	49	22.55	22.65	22.61				
20	QPSK	1	99	22.53	22.63	22.54				
20	QPSK	50	0	21.53	21.69	21.63				
20	QPSK	50	24	21.60	21.65	21.55	23	1		
20	QPSK	50	50	21.55	21.66	21.58				
20	QPSK	100	0	21.64	21.68	21.65				
20	16QAM	1	0	21.75	21.85	21.80				
20	16QAM	1	49	21.71	21.86	21.81	23	1		
20	16QAM	1	99	21.75	21.82	21.78				
20	16QAM	50	0	20.53	20.66	20.53				
20	16QAM	50	24	20.60	20.65	20.55				
20	16QAM	50	50	20.51	20.62	20.58	22	2		
20	16QAM	100	0	20.57	20.61	20.48				
20	84QAM	1	0	20.57	20.66	20.58				
20	84QAM	1	49	20.68	20.74	20.63				
20	84QAM	1	99	20.68	20.76	20.72	22	2		
20	84QAM	50	0	19.59	19.63	19.60				
20	84QAM	50	24	19.58	19.65	19.59				
20	84QAM	50	50	19.55	19.62	19.54				
20	84QAM	100	0	19.51	19.61	19.57	21	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	22.58	22.67	22.56			24	0
15	QPSK	1	37	22.44	22.53					



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								
Frequency (MHz)				20850	21100	21350		
20	QPSK	1	0	22.46	22.62	22.49		
20	QPSK	1	49	22.52	22.57	22.55	24	0
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	21.80	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	22	2
20	16QAM	50	50	20.52	20.57	20.52		
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	22	2
20	64QAM	1	99	20.53	20.62	20.58		
20	64QAM	50	0	19.66	19.61	19.49		
20	64QAM	50	24	19.50	19.55	19.48	21	3
20	64QAM	50	50	19.44	19.53	19.48		
20	64QAM	100	0	19.40	19.53	19.42		
Channel								
Frequency (MHz)				20825	21100	21375		
15	QPSK	1	0	22.35	22.56	22.44		
15	QPSK	1	37	22.35	22.47	22.46	24	0
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	21.61		
15	16QAM	36	0	20.52	20.52	20.49		
15	16QAM	36	20	20.38	20.52	20.42	22	2
15	16QAM	36	39	20.43	20.51	20.47		
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	22	2
15	64QAM	1	74	20.36	20.58	20.42		
15	64QAM	36	0	19.43	19.50	19.45		
15	64QAM	36	20	19.41	19.41	19.30	21	3
15	64QAM	36	39	19.40	19.38	19.39		
15	64QAM	75	0	19.38	19.45	19.36		
Channel								
Frequency (MHz)				20990	21100	21400		
10	QPSK	1	0	22.43	22.51	22.46		
10	QPSK	1	25	22.45	22.48	22.43	24	0
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	50	0	21.30	21.48	21.43		
10	16QAM	1	0	21.60	21.70	21.60		
10	16QAM	1	25	21.65	21.80	21.54	23	1
10	16QAM	1	49	21.45	21.53	21.43		
10	16QAM	25	0	20.43	20.99	20.53		
10	16QAM	25	12	20.34	20.39	20.39	22	2
10	16QAM	25	25	20.48	20.41	20.35		
10	16QAM	50	0	20.47	20.58	20.41		
10	64QAM	1	0	20.47	20.46	20.54	22	2
10	64QAM	1	25	20.46	20.60	20.50		
10	64QAM	1	49	20.48	20.54	20.54		
10	64QAM	25	0	19.45	19.45	19.46		
10	64QAM	25	12	19.44	19.37	19.39	21	3
10	64QAM	25	25	19.34	19.40	19.41		
10	64QAM	50	0	19.35	19.37	19.26		
Channel								
Frequency (MHz)				20775	21100	21425		
5	QPSK	1	0	22.39	22.46	22.44		
5	QPSK	1	12	22.36	22.45	22.47	24	0
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	22	2
5	16QAM	12	13	20.42	20.42	20.45		
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	22	2
5	64QAM	1	24	20.38	20.46	20.41		
5	64QAM	12	0	19.52	19.47	19.40		
5	64QAM	12	7	19.35	19.38	19.44	21	3
5	64QAM	12	13	19.34	19.41	19.42		
5	64QAM	25	0	19.28	19.37	19.28		

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								
Frequency (MHz)				7074	7075	7117		
10	QPSK	1	0	22.78	22.94	22.75		
10	QPSK	1	25	22.88	22.76	22.70	24	0
10	QPSK	1	49	22.61	22.68	22.57		
10	QPSK	25	0	21.69	21.66	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		
10	16QAM	1	0	21.88	21.93	21.85		
10	16QAM	1	25	21.89	21.96	21.96	23	1
10	16QAM	1	49	21.86	21.96	21.93		
10	16QAM	25	0	20.71	20.84	20.74		
10	16QAM	25	12	20.63	20.69	20.61	22	2
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	19.88	19.59	21	3
10	64QAM	25	25	19.59	19.73	19.61		
10	64QAM	50	0	19.86	19.78	19.74		
Channel								
Frequency (MHz)				7035	7075	7155		
5	QPSK	1	0	22.63	22.78	22.68		
5	QPSK	1	12	22.50	22.63	22.63	24	0
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	23	1
5	QPSK	12	13	21.65	21.60	21.54		
5	QPSK	25	0	21.59	21.62	21.66		
5	16QAM	1	0	21.76	21.78	21.74		
5	16QAM	1	12	21.78	21.83	21.88	23	1
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	20.49	22	2
5	16QAM	12	13	20.59	20.71	20.54		
5	16QAM	25	0	20.88	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								
Frequency (MHz)				7005	7075	7135		
3	QPSK	1	0	22.75	22.72	22.71		
3	QPSK	1	8	22.65	22.63	22.64	24	0
3	QPSK	1	14	22.44	22.60	22.41		
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	21.58		
3	16QAM	1	0	21.73	21.88	21.80		
3	16QAM	1	8	21.71	21.93	21.91	23	1
3	16QAM	1	14	21.75	21.93	21.81		



Band 14 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				23305	23330	23355		
Frequency (MHz)				793				
10	QPSK	1	0	22.86	22.86	22.86	24	0
10	QPSK	1	25	22.86	22.86	22.86		
10	QPSK	1	49	22.86	22.86	22.86		
10	QPSK	25	0	21.86	21.86	21.86	23	1
10	QPSK	25	12	21.85	21.85	21.85		
10	QPSK	25	25	21.82	21.82	21.82		
10	QPSK	50	0	21.85	21.85	21.85		
10	16QAM	1	0	22.06	22.06	22.06	23	1
10	16QAM	1	25	22.04	22.04	22.04		
10	16QAM	1	49	21.99	21.99	21.99		
10	16QAM	25	0	20.88	20.88	20.88		
10	16QAM	25	12	20.85	20.85	20.85		
10	16QAM	25	25	20.82	20.82	20.82	22	2
10	16QAM	50	0	20.83	20.83	20.83		
10	64QAM	1	0	20.95	20.95	20.95		
10	64QAM	1	25	21.02	21.02	21.02	22	2
10	64QAM	1	49	20.97	20.97	20.97		
10	64QAM	25	0	19.85	19.85	19.85		
10	64QAM	25	12	19.83	19.83	19.83	21	3
10	64QAM	25	25	19.81	19.81	19.81		
10	64QAM	50	0	19.82	19.82	19.82		
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	22.64	22.77	22.73	24	0
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	23	1
5	QPSK	12	7	21.70	21.69	21.57		
5	QPSK	12	13	21.57	21.56	21.58		
5	QPSK	25	0	21.71	21.67	21.68		
5	16QAM	1	0	21.81	21.89	21.85	23	1
5	16QAM	1	12	21.84	21.97	21.88		
5	16QAM	1	24	21.73	21.84	21.82		
5	16QAM	12	0	20.75	20.84	20.68	22	2
5	16QAM	12	7	20.69	20.69	20.78		
5	16QAM	12	13	20.61	20.73	20.59		
5	16QAM	25	0	20.64	20.65	20.78		
5	64QAM	1	0	20.73	20.80	20.78	22	2
5	64QAM	1	12	20.83	20.89	20.92		
5	64QAM	1	24	20.67	20.76	20.73		
5	64QAM	12	0	19.60	19.82	19.71		
5	64QAM	12	7	19.59	19.77	19.76	21	3
5	64QAM	12	13	19.65	19.64	19.58		
5	64QAM	25	0	19.69	19.77	19.55		

Band 17 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				23780	23790	23800		
Frequency (MHz)				7109	7110	7111		
10	QPSK	1	0	22.74	22.80	22.71	24	0
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	23	1
10	QPSK	25	12	21.59	21.66	21.57		
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	23	1
10	16QAM	1	25	21.81	21.84	21.81		
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	22	2
10	16QAM	25	25	20.66	20.74	20.60		
10	16QAM	50	0	20.69	20.76	20.73		
10	64QAM	1	0	20.78	20.86	20.81	22	2
10	64QAM	1	25	20.72	20.82	20.78		
10	64QAM	1	49	20.71	20.79	20.74		
10	64QAM	25	0	19.73	19.78	19.68	21	3
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		
Channel				23755	23790	23825		
Frequency (MHz)				708.5	710	713.5		
5	QPSK	1	0	22.68	22.75	22.63	24	0
5	QPSK	1	12	22.68	22.73	22.60		
5	QPSK	1	24	22.42	22.52	22.50		
5	QPSK	12	0	21.66	21.70	21.55	23	1
5	QPSK	12	7	21.46	21.58	21.45		
5	QPSK	12	13	21.52	21.56	21.58		
5	QPSK	25	0	21.70	21.65	21.57		
5	16QAM	1	0	21.81	21.95	21.86	23	1
5	16QAM	1	12	21.82	21.78	21.70		
5	16QAM	1	24	21.65	21.81	21.78		
5	16QAM	12	0	20.55	20.71	20.59	22	2
5	16QAM	12	7	20.47	20.63	20.49		
5	16QAM	12	13	20.49	20.65	20.49		
5	16QAM	25	0	20.67	20.67	20.69		
5	64QAM	1	0	20.67	20.80	20.64	22	2
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 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				26140	26340	26590		
Frequency (MHz)				1860	1863	1862		
20	QPSK	1	0	22.50	22.50	22.50	24	0
20	QPSK	1	49	22.51	22.63	22.50		
20	QPSK	1	99	22.54	22.57	22.48		
20	QPSK	50	0	21.65	21.69	21.54	23	1
20	QPSK	50	24	21.63	21.67	21.56		
20	QPSK	50	50	21.54	21.61	21.53		
20	QPSK	100	0	21.63	21.71	21.56		
20	16QAM	1	0	21.75	21.84	21.81	23	1
20	16QAM	1	49	21.80	21.96	21.83		
20	16QAM	1	99	21.79	21.88	21.84		
20	16QAM	50	0	20.57	20.68	20.59	22	2
20	16QAM	50	24	20.55	20.66	20.54		
20	16QAM	50	50	20.44	20.58	20.48		
20	16QAM	100	0	20.50	20.62	20.58		
20	64QAM	1	0	20.60	20.71	20.63	22	2
20	64QAM	1	49	20.64	20.77	20.64		
20	64QAM	1	99	20.80	20.89	20.80		
20	64QAM	50	0	19.56	19.68	19.63	21	3
20	64QAM	50	24	19.58	19.65	19.60		
20	64QAM	50	50	19.48	19.57	19.44		
20	64QAM	100	0	19.53	19.66	19.45		
Channel				26115	26340	26675		
Frequency (MHz)				1857.5	1880	1901.5		
15	QPSK	1	0	22.55	22.62	22.44	24	0
15	QPSK	1	37	22.34	22.52	22.46		
15	QPSK	1	74	22.43	22.44	22.43		
15	QPSK	38	0	21.61	21.53	21.40	23	1
15	QPSK	38	20	21.59	21.52	21.45		
15	QPSK	38	38	21.38	21.53	21.39		
15	QPSK	75	0	21.54	21.67	21.46		
15	16QAM	1	0	21.65	21.74	21.64	23	1
15	16QAM	1	37	21.73	21.75	21.66		
15	16QAM	1	74	21.69	21.74	21.70		
15	16QAM	36	0	20.54	20.56	20.49	22	2
15	16QAM	36	20	20.56	20.69	20.50		
15	16QAM	36	38	20.35	20.45	20.42		
15	16QAM	75	0	20.37	20.50	20.46		
15	64QAM	1	0	20.51	20.58	20.58	22	2
15	64QAM	1	37	20.50	20.65	20.48		
15	64QAM	1	74	20.57	20.62	20.45		
15	64QAM	36	0	19.41	19.59	19.49	21	3
15	64QAM	36	20	19.44	19.48	19.57		
15	64QAM	36	38	19.38	19.48	19.31		
15	64QAM	75	0	19.49	19.46	19.46		
Channel				26090	26340	26640		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	22.54	22.58	22.47	24	0
10	QPSK	1	25	22.46	22.53	22.37		
10	QPSK	1	49	22.39	22.54	22.36		
10	QPSK	25	0	21.55	21.53	21.52	23	1
10	QPSK							



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	22.90	24	0
15	QPSK	1	37	22.74	22.86	22.84		
15	QPSK	1	74	22.66	22.72	22.63		
15	QPSK	36	0	21.79	21.84	21.78	23	1
15	QPSK	36	20	21.67	21.78	21.64		
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	21.99	22.05	21.92		
15	16QAM	1	37	22.07	22.06	22.04		
15	16QAM	1	74	21.82	21.93	21.84	22	2
15	16QAM	36	0	20.72	20.86	20.80		
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	16QAM	1	0	20.85	20.96	20.91		
15	64QAM	1	37	20.84	20.93	20.80	22	2
15	64QAM	1	74	20.76	20.79	20.65		
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		
10	QPSK	25	0	21.71	21.88	21.72	23	1
10	QPSK	25	12	21.65	21.82	21.60		
10	QPSK	25	25	21.60	21.87	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		
10	16QAM	1	49	21.70	21.87	21.75	23	1
10	16QAM	25	0	20.62	20.79	20.76		
10	16QAM	25	12	20.62	20.73	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		
10	64QAM	1	25	20.77	20.87	20.87	22	2
10	64QAM	1	49	20.66	20.68	20.50		
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	19.79		
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	22.80	22.61		
5	QPSK	12	0	21.74	21.79	21.65	23	1
5	QPSK	12	7	21.63	21.69	21.52		
5	QPSK	12	13	21.60	21.66	21.62		
5	QPSK	25	0	21.85	21.71	21.72	23	1
5	16QAM	1	0	21.98	21.92	21.82		
5	16QAM	1	12	21.89	21.95	21.89		
5	16QAM	1	24	21.69	21.78	21.81	22	2
5	16QAM	12	0	20.60	20.81	20.70		
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		
5	64QAM	1	12	20.60	20.61	20.64	22	2
5	64QAM	1	24	20.63	20.62	20.61		
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	22.84	22.75	22.66		
3	QPSK	1	14	22.55	22.68	22.54		
3	QPSK	8	0	21.75	21.79	21.66	23	1
3	QPSK	8	4	21.63	21.69	21.53		
3	QPSK	8	7	21.54	21.73	21.61		
3	QPSK	15	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		
3	16QAM	1	14	21.74	21.96	21.75	22	2
3	16QAM	8	0	20.69	20.82	20.72		
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		
3	64QAM	1	8	20.72	20.83	20.66	22	2
3	64QAM	1	14	20.59	20.63	20.55		
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	22.85	22.70	22.84	24	0
1.4	QPSK	1	3	22.54	22.66	22.76		
1.4	QPSK	1	5	22.48	22.59	22.52		
1.4	QPSK	3	0	22.63	22.68	22.61	23	1
1.4	QPSK	3	1	22.54	22.72	22.51		
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		
1.4	16QAM	1	5	21.65	21.87	21.73	23	1
1.4	16QAM	3	0	21.67	21.75	21.67		
1.4	16QAM	3	1	21.54	21.67	21.56		
1.4	16QAM	3	3	21.63	21.56	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		
1.4	64QAM	1	3	20.70	20.88	20.66	22	2
1.4	64QAM	1	5	20.65	20.75	20.51		
1.4	64QAM	3	0	20.61	20.75	20.61		
1.4	64QAM	3	1	20.57	20.78	20.67	22	2
1.4	64QAM	3	3	20.66	20.68	20.51		
1.4	64QAM	6	0	19.60	19.73	19.59		

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								
Frequency (MHz)								
10	QPSK	1	0	22.85	22.86	22.85	24	0
10	QPSK	1	25	22.73	22.73	22.73		
10	QPSK	1	49	22.64	22.64	22.64		
10	QPSK	25	0	21.68	21.68	21.68	23	1
10	QPSK	25	12	21.64	21.64	21.64		
10	QPSK	25	25	21.63	21.63	21.63		
10	QPSK	50	0	21.74	21.74	21.74	23	1
10	16QAM	1	0	21.99	21.99	21.99		
10	16QAM	1	25	21.93	21.93	21.93		
10	16QAM	1	49	21.83	21.83	21.83	22	2
10	16QAM	25	0	20.60	20.60	20.60		
10	16QAM	25	12	20.64	20.64	20.64		
10	16QAM	25	25	20.62	20.62	20.62	22	2
10	16QAM	50	0	20.59	20.59	20.59		
10	64QAM	1	0	20.83	20.83	20.83		
10	64QAM	1	25	20.81	20.81	20.81	22	2
10	64QAM	1	49	20.71	20.71	20.71		
10	64QAM	25	0	19.56	19.56	19.56		
10	64QAM	25	12	19.63	19.63	19.63	21	3
10	64QAM	25	25	19.62	19.62	19.62		
10	64QAM	50	0	19.57	19.57	19.57		
Channel								
Frequency (MHz)								
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	21.59	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	20.80	20.64		
5	64QAM	1	12	20.60	20.76	20.64	22	2
5	64QAM	1	24	20.52	20.63	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 66 Default Ant0



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	693		
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	20.86	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		
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		
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	21.98	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	20.85	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		
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	20.81		
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	20.88	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	19.78	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 Default 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	1850	1890	1910	24	0
20	QPSK	1	49	2276	2284	2281		
20	QPSK	1	99	2268	2278	2273	23	1
20	QPSK	50	0	2185	2194	2172		
20	QPSK	50	24	2175	2183	2178	23	1
20	QPSK	50	50	2174	2177	2169		
20	QPSK	100	0	2182	2186	2173	22	2
20	16QAM	1	0	2186	2199	2191		
20	16QAM	1	49	2188	2203	2196	21	3
20	16QAM	1	99	2184	2195	2191		
20	16QAM	50	0	2067	2079	2077	22	2
20	16QAM	50	24	2070	2074	2062		
20	16QAM	50	50	2064	2069	2063	22	2
20	16QAM	100	0	2053	2066	2056		
20	84QAM	1	0	2085	2087	2084	22	2
20	84QAM	1	49	2084	2095	2088		
20	84QAM	1	99	2074	2088	2084	21	3
20	84QAM	50	0	1975	1975	1970		
20	84QAM	50	24	1968	1971	1960	21	3
20	84QAM	50	50	1962	1965	1955		
20	84QAM	100	0	1954	1962	1958	Channel	
Frequency (MHz)								
15	QPSK	1	0	1875	1890	19125	24	0
15	QPSK	1	37	2274	2280	2273		
15	QPSK	1	74	2254	2277	2264	23	1
15	QPSK	35	0	2175	2180	2167		
15	QPSK	35	20	2160	2167	2158	23	1
15	QPSK	35	39	2160	2171	2160		
15	QPSK	75	0	2182	2174	2170	23	1
15	16QAM	1	0	2168	2188	2173		
15	16QAM	1	37	2192	2198	2194	22	2
15	16QAM	1	74	2179	2186	2180		
15	16QAM	35	0	2065	2060	2067	22	2
15	16QAM	35	20	2063	2076	2064		
15	16QAM	35	39	2046	2062	2061	22	2
15	16QAM	75	0	2033	2062	2043		
15	84QAM	1	0	2076	2070	2082	22	2
15	84QAM	1	37	2077	2088	2087		
15	84QAM	1	74	2062	2085	2068	21	3
15	84QAM	35	0	1956	1974	1963		
15	84QAM	35	20	1958	1963	1956	21	3
15	84QAM	35	39	1940	1944	1956		
15	84QAM	75	0	1941	1944	1956	Channel	
Frequency (MHz)								
10	QPSK	1	0	1850	1890	19150	24	0
10	QPSK	1	25	2260	2277	2281		
10	QPSK	1	49	2250	2277	2258	23	1
10	QPSK	25	0	2180	2182	2153		
10	QPSK	25	12	2167	2174	2170	23	1
10	QPSK	25	25	2155	2166	2167		
10	QPSK	50	0	2173	2184	2179	23	1
10	16QAM	1	0	2179	2189	2183		
10	16QAM	1	25	2187	2194	2191	22	2
10	16QAM	1	49	2165	2194	2189		
10	16QAM	25	0	2049	2075	2062	22	2
10	16QAM	25	12	2064	2074	2049		
10	16QAM	25	25	2059	2057	2048	22	2
10	16QAM	50	0	2045	2050	2056		
10	84QAM	1	0	2083	2072	2063	22	2
10	84QAM	1	25	2077	2085	2069		
10	84QAM	1	49	2057	2085	2066	21	3
10	84QAM	25	0	1954	1960	1956		
10	84QAM	25	12	1957	1959	1948	21	3
10	84QAM	25	25	1945	1949	1954		
10	84QAM	50	0	1949	1942	1951	Channel	
Frequency (MHz)								
5	QPSK	1	0	1825	1890	19175	24	0
5	QPSK	1	12	2270	2283	2273		
5	QPSK	1	24	2250	2287	2274	23	1
5	QPSK	12	0	2181	2190	2164		
5	QPSK	12	7	2157	2173	2161	23	1
5	QPSK	12	13	2167	2186	2166		
5	QPSK	25	0	2170	2182	2170	23	1
5	16QAM	1	0	2169	2183	2187		
5	16QAM	1	12	2193	2199	2187	22	2
5	16QAM	1	24	2171	2179	2171		
5	16QAM	12	0	2088	2075	2074	22	2
5	16QAM	12	7	2061	2057	2062		
5	16QAM	12	13	2060	2066	2055	22	2
5	16QAM	25	0	2034	2049	2050		
5	84QAM	1	0	2074	2083	2076	22	2
5	84QAM	1	12	2081	2085	2071		
5	84QAM	1	24	2058	2073	2084	21	3
5	84QAM	12	0	1946	1951	1954		
5	84QAM	12	7	1953	1962	1954	21	3
5	84QAM	12	13	1944	1955	1958		
5	84QAM	25	0	1948	1945	1945	Channel	
Frequency (MHz)								
3	QPSK	1	0	1851	1890	1908.5	24	0
3	QPSK	1	8	2256	2267	2257		
3	QPSK	1	14	2258	2268	2254	23	1
3	QPSK	8	0	2183	2190	2166		
3	QPSK	8	4	2172	2175	2164	23	1
3	QPSK	8	7	2165	2173	2160		
3	QPSK	15	0	2172	2178	2155	23	1
3	16QAM	1	0	2175	2180	2187		
3	16QAM	1	8	2178	2190	2180	22	2
3	16QAM	1	14	2183	2192	2190		
3	16QAM	8	0	2058	2065	2063	22	2
3	16QAM	8	4	2068	2058	2045		
3	16QAM	8	7	2057	2056	2050	22	2
3	16QAM	15	0	2041	2058	2055		
3	84QAM	1	0	2077	2068	2078	22	2
3	84QAM	1	8	2081	2089	2088		
3	84QAM	1	14	2054	2069	2066	21	3
3	84QAM	8	0	1956	1974	1951		
3	84QAM	8	4	1960	1963	1950	21	3
3	84QAM	8	7	1954	1957	1939		
3	84QAM	15	0	1938	1955	1938	Channel	
Frequency (MHz)								
1.4	QPSK	1	0	1850.7	1890	1903.3	24	0
1.4	QPSK	1	3	2269	2269	2264		
1.4	QPSK	1	5	2268	2260	2266	23	1
1.4	QPSK	3	0	2269	2275	2254		
1.4	QPSK	3	1	2272	2268	2258	23	1
1.4	QPSK	3	3	2270	2273	2264		
1.4	QPSK	6	0	2170	2172	2169	23	1
1.4	16QAM	1	0	2178	2198	2179		
1.4	16QAM	1	3	2168	2168	2164	23	1
1.4	16QAM	1	5	2179	2190	2176		
1.4	16QAM	3	0	2153	2170	2174	22	2
1.4	16QAM	3	1	2155	2156	2154		
1.4	16QAM	3	3	2148	2169	2161	22	2
1.4	16QAM	6	0	2053	2055	2039		
1.4	84QAM	1	0	2080	2068	2079	22	2
1.4	84QAM	1	3	2070	2092	2079		
1.4	84QAM	1	5	2059	2084	2066	22	2
1.4	84QAM	3	0	2049	2055	2062		
1.4	84QAM	3	1	2083	2058	2047	21	3
1.4	84QAM	3	3	2053	2057	2050		
1.4	84QAM	6	0	1953	1962	1954	Channel	
Frequency (MHz)								
1.4	QPSK	1	0	1720	1725	1725	24	0
1.4	QPSK	1	49	2307	2309	2300		
1.4	QPSK	1	99	2294	2302	2290	23	1
1.4	QPSK	50	0	2203	2218	2193		
1.4	QPSK	50	24	2204	2207	2201	23	1
1.4	QPSK	50	50	2210	2206	2208		
1.4	16QAM	1	0	2204	2212	2206	22	2
1.4	16QAM	1	49	2220	2227	2222		
1.4	16QAM	1	99	2204	2210	2203	22	2
1.4	16QAM	50	0	2102	2105	2096		
1.4	16QAM	50	24	2101	2107	2096	22	2
1.4	16QAM	50	50	2100	2114	2102		
1.4	16QAM	100	0	2088	2111	2102	22	2
1.4	84QAM	1	0	2107	2109	2099		
1.4	84QAM	1	49	2122	2125	2122	21	3
1.4	84QAM	1	99	2096	2106	2096		
1.4	84QAM	50	0	2003	2015	2013	21	3
1.4	84QAM	50	24	2014	2019	2007		
1.4	84QAM	50	50	2010	2022	2015	21	3
1.4	84QAM	100	0	2012	2019	2012		
Channel								
Frequency (MHz)								
15	QPSK	1	0	2025	20175	20325	24	0
15	QPSK	1	37	2291	2317	2302		
15	QPSK	1	74	2280	2298	2285	23	1
15	QPSK	35	0	2				



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									
Frequency (MHz)									
20	QPSK	1	0	23.14	23.23	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	22.25	22.34	22.22			
20	16QAM	1	99	22.06	22.19	22.08	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	16QAM	100	0	21.08	21.16	21.05			
20	64QAM	1	49	21.18	21.23	21.13	22	2	
20	64QAM	1	99	20.88	21.11	20.87			
20	64QAM	1	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									
Frequency (MHz)									
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	22.83	23.01	22.83			
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	21.88	22.11	21.88			
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	20.87	21.07	21.04			
15	16QAM	36	39	20.95	21.09	20.99	22	2	
15	16QAM	75	0	21.00	21.09	20.98			
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	19.86	20.06	20.03	21	3	
15	64QAM	36	39	19.87	20.05	19.90			
15	64QAM	75	0	19.93	19.99	19.94			
Channel									
Frequency (MHz)									
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	20.86	21.04	20.88			
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	19.88	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									
Frequency (MHz)									
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	22.80			
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	21.88	22.12	21.87	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	20.98	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	19.81	20.04	19.85			
5	64QAM	12	7	19.87	20.08	20.01	21	3	
5	64QAM	12	13	19.87	20.06	19.92			
5	64QAM	25	0	19.82	20.00	19.82			

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									
Frequency (MHz)									
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	21.81	21.92	21.80	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									
Frequency (MHz)									
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	21.63			
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	20.79	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	19.89	19.76	19.71	21	3	
5	64QAM	12	13	19.88	19.76	19.86			
5	64QAM	25	0	19.77	19.86	19.69			
Channel									
Frequency (MHz)									
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	21.65	21.90	21.71	23	1	
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	22	2	
3	16QAM	8	0	20.78	20.90	20.77			
3	16QAM	8	4	20.67	20.77	20.67			
3	16QAM	8	7	20.68	20.79	20.70	22	2	
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					



Band 14 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				23305	23330	23355			
Frequency (MHz)				790.5	793	795.5			
10	QPSK	1	0	22.96	22.97	22.95	24	0	
10	QPSK	1	25	22.96	22.97	22.95			
10	QPSK	1	49	22.96	22.97	22.95			
10	QPSK	25	0	21.98	21.99	21.97	23	1	
10	QPSK	25	12	21.95	21.96	21.94			
10	QPSK	25	25	21.93	21.94	21.92			
10	QPSK	50	0	21.96	21.97	21.95			
10	16QAM	1	0	22.13	22.14	22.12	23	1	
10	16QAM	1	25	22.12	22.13	22.11			
10	16QAM	1	49	22.03	22.04	22.02			
10	16QAM	25	0	20.95	20.96	20.94	22	2	
10	16QAM	25	12	20.98	20.99	20.97			
10	16QAM	25	25	20.89	20.90	20.88			
10	16QAM	50	0	20.91	20.92	20.90			
10	16QAM	1	0	21.09	21.10	21.07	22	2	
10	16QAM	1	25	21.09	21.10	21.07			
10	16QAM	1	49	20.98	20.99	20.97			
10	16QAM	25	0	19.83	19.84	19.82	21	3	
10	16QAM	25	12	19.97	19.98	19.96			
10	16QAM	25	25	19.92	19.93	19.91			
10	16QAM	50	0	19.86	19.87	19.85			
Channel				23305	23330	23355			
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	22.96	22.97	22.95	24	0	
5	QPSK	1	12	22.94	22.94	22.96			
5	QPSK	1	24	22.82	22.88	22.88	23	1	
5	QPSK	12	0	21.80	21.80	21.85			
5	QPSK	12	7	21.88	21.81	21.81			
5	QPSK	12	13	21.84	21.85	21.82			
5	QPSK	25	0	21.85	21.87	21.88	23	1	
5	16QAM	1	0	22.01	22.03	22.05	23	1	
5	16QAM	1	12	21.98	22.00	22.03			
5	16QAM	1	24	21.92	21.91	21.92			
5	16QAM	12	0	20.82	20.88	20.83	22	2	
5	16QAM	12	7	20.80	20.85	20.81			
5	16QAM	12	13	20.81	20.77	20.76			
5	16QAM	25	0	20.78	20.81	20.79	22	2	
5	16QAM	1	0	21.00	20.97	21.00	22	2	
5	16QAM	1	12	20.96	20.95	20.95			
5	16QAM	1	24	20.84	20.81	20.88			
5	16QAM	12	0	19.85	19.85	19.78	21	3	
5	16QAM	12	7	19.84	19.86	19.87			
5	16QAM	12	13	19.83	19.82	19.80			
5	16QAM	25	0	19.79	19.77	19.79			

Band 25 Default 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				26115	26340	26615			
Frequency (MHz)				1857.5	1880	1907.5			
15	QPSK	1	0	22.77	22.84	22.72	24	0	
15	QPSK	1	37	22.62	22.37	22.45			
15	QPSK	1	74	22.72	22.46	22.42	23	1	
15	QPSK	36	0	21.84	21.81	21.58			
15	QPSK	36	20	21.57	21.46	21.37			
15	QPSK	36	39	21.45	21.49	21.40			
15	QPSK	75	0	21.76	21.50	21.52	23	1	
15	16QAM	1	0	21.67	21.43	21.33	23	1	
15	16QAM	1	37	21.64	21.45	21.45			
15	16QAM	1	74	21.41	21.40	21.31			
15	16QAM	36	0	21.46	21.47	21.25	22	2	
15	16QAM	36	20	21.84	21.81	21.58			
15	16QAM	36	39	21.27	21.25	21.10			
15	16QAM	75	0	21.31	21.11	21.12	22	2	
15	16QAM	1	0	20.89	20.88	20.87	22	2	
15	16QAM	1	37	20.83	20.79	20.67			
15	16QAM	1	74	20.62	20.67	20.64			
15	16QAM	36	0	20.71	20.56	20.74	21	3	
15	16QAM	36	20	20.36	20.40	20.29			
15	16QAM	36	39	20.54	20.36	20.27			
15	16QAM	75	0	20.54	20.04	20.23			
Channel				26090	26340	26640			
Frequency (MHz)				1855	1880	1910			
10	QPSK	1	0	22.57	22.80	22.47	24	0	
10	QPSK	1	25	22.53	22.15	22.25			
10	QPSK	1	49	22.46	22.37	22.33	23	1	
10	QPSK	25	0	21.59	21.43	21.42			
10	QPSK	25	12	21.48	21.17	21.14			
10	QPSK	25	25	21.30	21.17	21.13	23	1	
10	QPSK	50	0	21.53	21.31	21.38			
10	16QAM	1	0	21.58	21.18	21.10	23	1	
10	16QAM	1	25	21.41	21.30	21.34			
10	16QAM	1	49	21.11	21.14	21.21			
10	16QAM	25	0	21.17	21.20	20.98	22	2	
10	16QAM	25	12	21.25	21.05	20.83			
10	16QAM	25	25	21.11	21.16	21.02			
10	16QAM	50	0	21.05	20.94	20.86	22	2	
10	16QAM	1	0	20.57	20.51	20.56	21	3	
10	16QAM	1	25	20.57	20.59	20.56			
10	16QAM	1	49	20.48	20.54	20.33			
10	16QAM	25	0	20.51	20.44	20.54			
10	16QAM	25	12	20.24	20.21	20.04			
10	16QAM	25	25	20.41	20.28	20.11			
10	16QAM	50	0	19.95	19.91	19.95			
Channel				26065	26340	26665			
Frequency (MHz)				1852.5	1880	1912.5			
5	QPSK	1	0	22.51	22.47	22.32	24	0	
5	QPSK	1	12	22.54	22.41	22.14			
5	QPSK	1	24	22.26	22.29	22.25	23	1	
5	QPSK	12	0	21.45	21.25	21.34			
5	QPSK	12	7	21.30	21.08	21.00			
5	QPSK	12	13	21.18	21.02	21.03			
5	QPSK	25	0	21.46	21.08	21.24	23	1	
5	16QAM	1	0	21.39	21.03	21.01	23	1	
5	16QAM	1	12	21.31	21.19	21.20			
5	16QAM	1	24	21.10	21.04	21.06			
5	16QAM	12	0	21.08	21.08	20.85	22	2	
5	16QAM	12	7	21.20	20.93	20.74			
5	16QAM	12	13	21.00	21.09	20.84			
5	16QAM	25	0	20.87	20.87	20.73	22	2	
5	16QAM	1	0	20.48	20.44	20.42			
5	16QAM	1	12	20.46	20.52	20.39			
5	16QAM	1	24	20.40	20.41	20.29	21	3	
5	16QAM	12	0	20.33	20.40	20.34			
5	16QAM	12	7	20.38	20.15	19.96			
5	16QAM	12	13	20.24	20.10	19.99			
5	16QAM	25	0	19.85	19.80	19.76			
Channel				26065	26340	26675			
Frequency (MHz)				1851.5	1880	1913.5			
3	QPSK	1	0	22.45	22.52	22.42	24	0	
3	QPSK	1	8	22.46	22.05	22.19			
3	QPSK	1	14	22.40	22.27	22.26	23	1	
3	QPSK	8	0	21.53	21.35	21.37			
3	QPSK	8	4	21.38	21.11	21.04			
3	QPSK	8	7	21.22	21.07	21.08			
3	QPSK	15	0	21.48	21.17	21.28	23	1	
3	16QAM	1	0	21.52	21.09	21.05			
3	16QAM	1	8	21.33	21.25	21.28	23	1	
3	16QAM	1	14	21.04	21.06	21.16			
3	16QAM	8	0	21.13	21.12	20.87	22	2	
3	16QAM	8	4	21.21	21.00	20.77			
3	16QAM	8	7	21.00	21.05	20.93			
3	16QAM	16	0	20.98	20.84	20.78	21	3	
3	16QAM	1	0	20.49	20.50	20.47			
3	16QAM	1	8	20.48	20.54	20.51			
3	16QAM	1	14	20.39	20.45	20.24			
3	16QAM	8	0	20.40	20.32	20.45			
3	16QAM	8	4	20.12	20.13	19.95			
3	16QAM	8	7	20.35	20.21	20.02			
3	16QAM	15	0	19.84	19.84	19.90			
Channel				260					



Band 66 Default 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	23.16	23.25	23.07		
20	QPSK	1	49	23.01	23.09	22.95	24	0
20	QPSK	1	99	22.97	23.06	22.95		
20	QPSK	50	0	22.28	22.32	22.15		
20	QPSK	50	24	22.05	22.13	22.02	23	1
20	QPSK	50	50	22.00	22.06	21.99		
20	QPSK	100	0	22.19	22.27	22.23		
20	16QAM	1	0	22.05	22.15	22.04		
20	16QAM	1	49	22.23	22.26	22.16	23	1
20	16QAM	1	99	22.00	22.14	22.04		
20	16QAM	50	0	20.84	20.91	20.84		
20	16QAM	50	24	21.07	21.14	21.05		
20	16QAM	50	50	20.96	21.02	20.92	22	2
20	16QAM	100	0	20.89	20.97	20.91		
20	64QAM	1	0	21.00	21.14	21.00		
20	64QAM	1	49	21.19	21.21	21.18	22	2
20	64QAM	1	99	20.96	21.10	20.99		
20	64QAM	50	0	19.95	20.01	19.98		
20	64QAM	50	24	20.12	20.22	20.14		
20	64QAM	50	50	19.99	20.09	19.96	21	3
20	64QAM	100	0	19.90	20.04	19.97		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	23.05	23.18	23.00		
15	QPSK	1	37	22.90	23.00	22.91	24	0
15	QPSK	1	74	22.84	22.93	22.85		
15	QPSK	36	0	22.16	22.24	22.02		
15	QPSK	36	20	21.94	22.01	21.91	23	1
15	QPSK	36	39	21.89	21.93	21.91		
15	QPSK	75	0	22.09	22.17	22.10		
15	16QAM	1	0	21.93	22.06	21.95		
15	16QAM	1	37	22.11	22.18	22.10	23	1
15	16QAM	1	74	21.90	22.05	21.91		
15	16QAM	36	0	20.76	20.80	20.77		
15	16QAM	36	20	20.96	21.04	20.97	22	2
15	16QAM	36	39	20.88	20.93	20.84		
15	16QAM	75	0	20.77	20.87	20.78		
15	64QAM	1	0	20.91	21.02	20.90		
15	64QAM	1	37	21.06	21.12	21.07	22	2
15	64QAM	1	74	20.83	21.01	20.92		
15	64QAM	36	0	19.88	19.93	19.86		
15	64QAM	36	20	20.03	20.12	20.02	21	3
15	64QAM	36	39	19.88	19.97	19.87		
15	64QAM	75	0	19.79	19.94	19.85		
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	23.08	23.16	22.99		
10	QPSK	1	25	22.94	22.98	22.91	24	0
10	QPSK	1	49	22.85	22.99	22.86		
10	QPSK	25	0	22.17	22.24	22.05		
10	QPSK	25	12	21.98	22.01	21.94	23	1
10	QPSK	25	25	21.92	21.95	21.91		
10	QPSK	50	0	22.09	22.20	22.12		
10	16QAM	1	0	21.97	22.05	21.97		
10	16QAM	1	25	22.15	22.21	22.05	23	1
10	16QAM	1	49	21.91	22.02	21.95		
10	16QAM	25	0	20.76	20.81	20.72		
10	16QAM	25	12	20.95	21.02	20.96	22	2
10	16QAM	25	25	20.88	20.91	20.83		
10	16QAM	50	0	20.81	20.88	20.82		
10	64QAM	1	0	20.90	21.06	20.88	22	2
10	64QAM	1	25	21.07	21.11	21.09		
10	64QAM	1	49	20.84	21.00	20.92		
10	64QAM	25	0	19.88	19.90	19.87		
10	64QAM	25	12	20.00	20.14	20.06	21	3
10	64QAM	25	25	19.88	20.02	19.86		
10	64QAM	50	0	19.78	19.93	19.86		
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	23.08	23.14	22.95		
5	QPSK	1	12	22.89	22.97	22.87	24	0
5	QPSK	1	24	22.88	22.97	22.87		
5	QPSK	12	0	22.19	22.23	22.05		
5	QPSK	12	7	21.92	22.01	21.94	23	1
5	QPSK	12	13	21.92	21.98	21.88		
5	QPSK	25	0	22.08	22.18	22.10		
5	16QAM	1	0	21.92	22.04	21.94		
5	16QAM	1	12	22.10	22.17	22.06	23	1
5	16QAM	1	24	21.91	22.02	21.93		
5	16QAM	12	0	20.75	20.82	20.75		
5	16QAM	12	7	20.96	21.06	20.95	22	2
5	16QAM	12	13	20.86	20.93	20.82		
5	16QAM	25	0	20.76	20.89	20.79		
5	64QAM	1	0	20.89	21.06	20.92		
5	64QAM	1	12	21.12	21.09	21.11	22	2
5	64QAM	1	24	20.88	20.97	20.92		
5	64QAM	12	0	19.84	19.90	19.86		
5	64QAM	12	7	20.01	20.11	20.03	21	3
5	64QAM	12	13	19.92	19.99	19.89		
5	64QAM	25	0	19.77	19.91	19.85		
Channel				131972	132322	132657		
Frequency (MHz)				1710.5	1745	1775.5		
3	QPSK	1	0	23.02	23.12	22.93		
3	QPSK	1	8	22.82	22.98	22.90	24	0
3	QPSK	1	14	22.84	22.93	22.83		
3	QPSK	8	0	22.18	22.17	22.05		
3	QPSK	8	4	21.93	22.03	21.90	23	1
3	QPSK	8	7	21.86	21.94	21.86		
3	QPSK	15	0	22.05	22.13	22.08		
3	16QAM	1	0	21.93	21.98	21.90		
3	16QAM	1	8	22.12	22.16	22.07	23	1
3	16QAM	1	14	21.85	22.02	21.89		
3	16QAM	8	0	20.73	20.78	20.72		
3	16QAM	8	4	20.94	21.05	20.93	22	2
3	16QAM	8	7	20.86	20.91	20.81		
3	16QAM	15	0	20.78	20.82	20.80		
3	64QAM	1	0	20.86	21.01	20.86		
3	64QAM	1	8	21.08	21.09	21.03	22	2
3	64QAM	1	14	20.81	20.98	20.87		
3	64QAM	8	0	19.81	19.86	19.83		
3	64QAM	8	4	20.01	20.10	20.04	21	3
3	64QAM	8	7	19.88	19.98	19.85		
3	64QAM	15	0	19.76	19.94	19.83		
Channel				131947	132322	132687		
Frequency (MHz)				1710.7	1745	1775.3		
1.4	QPSK	1	0	23.07	23.08	22.92		
1.4	QPSK	1	3	22.91	22.98	22.88	24	0
1.4	QPSK	1	5	22.84	22.93	22.80		
1.4	QPSK	3	0	22.06	22.13	22.02		
1.4	QPSK	3	1	22.12	22.24	22.09		
1.4	QPSK	3	3	22.05	22.15	22.05		
1.4	QPSK	6	0	22.05	22.11	22.02	23	1
1.4	16QAM	1	0	21.94	22.00	21.93		
1.4	16QAM	1	3	22.12	22.16	22.06		
1.4	16QAM	1	5	21.87	22.03	21.90	23	1
1.4	16QAM	3	0	21.11	21.21	21.13		
1.4	16QAM	3	1	21.13	21.21	21.13		
1.4	16QAM	3	3	21.04	21.09	21.01	22	2
1.4	16QAM	6	0	20.78	20.85	20.81		
1.4	64QAM	1	0	20.87	21.04	20.86		
1.4	64QAM	1	3	21.97	21.08	21.07		
1.4	64QAM	1	5	20.82	21.01	20.86	22	2
1.4	64QAM	3	0	20.01	20.07	20.04		
1.4	64QAM	3	1	20.22	20.31	20.23		
1.4	64QAM	3	3	20.08	20.20	20.03		
1.4	64QAM	6	0	19.78	19.91	19.87	21	3

Band 71 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				133222	133322	133372		
Frequency (MHz)				670.5	683	695.5		
20	QPSK	1	0	22.81	22.87	22.77		
20	QPSK	1	49	22.69	22.76	22.67	24	0
20	QPSK	1	99	22.68	22.81	22.74		
20	QPSK	50	0	21.89	21.93	21.86		
20	QPSK	50	24	21.80	21.87	21.75	23	1
20	QPSK	50	50	21.68	21.78	21.69		
20	QPSK	100	0	21.79	21.98	21.95</		



Reduced Power Mode for WWAN

GSM850_DSIS Ant 0								
GSM850 Tx Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	169	251		128	169	251	
Frequency (MHz)	824.2	833.4	848.8		824.2	833.4	848.8	
GSM 1 Tx slot	30.68	30.75	30.71	31.50	21.68	21.75	21.71	22.50
GPRS 1 Tx slot	30.67	30.69	30.64	31.50	21.67	21.69	21.64	22.50
GPRS 2 Tx slots	29.51	29.55	29.58	30.50	23.51	23.55	23.58	24.50
GPRS 3 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	13.99	14.11	14.24	16.50
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 Tx Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1852.2	1858	1869.8		1852.2	1858	1869.8	
GSM 1 Tx slot	26.55	26.56	26.47	27.50	17.55	17.56	17.47	18.50
GPRS 1 Tx slot	26.47	26.54	26.46	27.50	17.47	17.54	17.46	18.50
GPRS 2 Tx slots	25.51	25.45	25.42	26.50	19.51	19.45	19.42	20.50
GPRS 3 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

Band	WCDMA II_DSIS Ant 0			Tune-up Limit (dBm)	WCDMA IV_DSIS Ant 0			WCDMA V_DSIS Ant 0			Tune-up Limit (dBm)		
	962	940	953		4132	4162	4233	4132	4162	4233			
Tx Channel	962	940	953		4132	4162	4233		4132	4162	4233		
Rx Channel	962	900	933		4357	4407	4458		4357	4407	4458		
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6		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	21.98	22.04	21.90	23.00
3GPP Rel 99	RMC 12.2Kbps	17.82	17.85	17.76	19.00	17.91	18.03	17.97	19.00	22.09	22.35	22.27	23.00
3GPP Rel 6	HSDPA Subtest-1	16.88	16.96	16.77	18.00	17.12	16.87	16.71	18.00	21.02	21.04	20.92	22.00
3GPP Rel 6	HSDPA Subtest-2	17.11	16.88	16.78	18.00	17.06	16.67	17.07	18.00	21.08	20.85	20.82	22.00
3GPP Rel 6	HSDPA Subtest-3	16.63	16.56	16.34	17.50	16.33	16.41	16.54	17.50	20.44	20.42	20.55	21.50
3GPP Rel 6	HSDPA Subtest-4	16.45	16.33	16.26	17.50	16.46	16.44	16.36	17.50	20.52	20.66	20.37	21.50
3GPP Rel 8	DC-HSDPA Subtest-1	17.02	17.15	16.79	18.00	16.96	16.90	16.78	18.00	21.02	20.75	20.78	22.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.90	16.97	16.90	18.00	16.92	16.84	16.86	18.00	20.78	20.91	21.10	22.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.43	16.46	16.47	17.50	16.33	16.27	16.39	17.50	20.25	20.55	20.48	21.50
3GPP Rel 8	DC-HSDPA Subtest-4	16.26	16.53	16.45	17.50	16.14	16.46	16.36	17.50	20.28	20.63	20.44	21.50
3GPP Rel 6	HSUPA Subtest-1	16.75	17.00	16.91	18.00	16.84	16.93	16.83	18.00	20.87	20.85	20.75	22.00
3GPP Rel 6	HSUPA Subtest-2	15.04	15.14	15.04	16.00	15.07	15.19	15.17	16.00	18.75	19.05	18.89	20.00
3GPP Rel 6	HSUPA Subtest-3	16.05	15.95	15.88	17.00	15.86	15.82	15.99	17.00	19.74	20.12	19.96	21.00
3GPP Rel 6	HSUPA Subtest-4	15.03	15.14	15.10	16.00	15.15	15.11	15.06	16.00	18.79	18.76	18.89	20.00
3GPP Rel 6	HSUPA Subtest-5	16.72	16.86	16.79	18.00	16.96	17.03	16.95	18.00	21.15	21.06	20.79	22.00
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	15.05	15.13	15.09	15.50	15.43	15.37	15.43	15.50	18.58	18.55	18.41	19.50



GSM850_DS17 Ant 0

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	31.00	824.2	836.4	848.8	22.00
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 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	27.00	1850.2	1880	1909.8	18.00
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	23.38	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

Band	WCDMA II			Tune-up Limit (dBm)	WCDMA V			Tune-up Limit (dBm)
	9282	9400	9538		4132	4182	4233	
Rx Channel	9662	9800	9938	18.00	4357	4407	4458	18.00
Frequency (MHz)	1852.4	1880	1907.6	19.00	826.4	836.4	846.6	18.00
3GPP Rel 99 AMR 12.2Kbps	17.69	17.62	17.82	19.00	21.37	21.35	21.32	22.50
3GPP Rel 6 RMC 12.2Kbps	17.82	17.85	17.76	18.00	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 8 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 8 DC-HSDPA Subtest-3	16.43	16.48	16.47	17.50	19.75	19.89	19.76	21.00
3GPP Rel 8 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	
Rx Channel	1537	1536	1738	18.00
Frequency (MHz)	1732.4	1732.6	1732.8	18.00
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	15.04	15.52	15.44	16.50
3GPP Rel 8 DC-HSDPA Subtest-1	15.93	15.83	15.95	17.00
3GPP Rel 8 DC-HSDPA Subtest-2	15.94	15.85	16.01	17.00
3GPP Rel 8 DC-HSDPA Subtest-3	15.51	15.56	15.36	16.50
3GPP Rel 8 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	13.98	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 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8	33.50	23.23	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 slots	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 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8	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 slots	28.27	28.53	28.41	29.50	19.27	19.53	19.41	20.50
GPRS 2 Tx slots	27.52	27.38	27.33	28.50	21.52	21.36	21.33	22.50
GPRS 3 Tx slots	25.28	25.28	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		
Rx Channel	9662	9800	9938	1537	1638	1738	4357	4407	4458				
Frequency (MHz)	1852.4	1880	1907.6	1712.4	1732.6	1752.6	826.4	836.4	846.6				
3GPP Rel 99	AMR 12.2Kbps	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	18.88	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 6	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	21.67	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./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
20	QPSK	1	0	16.88	16.83	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				
20	QPSK	50	24	15.91	16.01	15.75	17.5	1		
20	QPSK	50	50	15.89	15.98	15.80				
20	QPSK	100	0	15.90	16.07	15.88				
20	16QAM	1	0	15.89	15.84	15.84				
20	16QAM	1	49	15.77	15.84	15.75	17.5	1		
20	16QAM	1	99	15.75	15.88	15.82				
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	18.5	2		
20	16QAM	100	0	15.10	15.08	15.08				
20	16QAM	1	0	15.08	15.13	15.04				
20	16QAM	1	49	15.07	15.04	15.04				
20	16QAM	1	99	15.15	15.08	15.02	16.5	2		
20	16QAM	50	0	14.28	14.27	14.03				
20	16QAM	50	24	14.11	14.20	13.94				
20	16QAM	50	50	14.07	14.18	14.00				
20	16QAM	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	35	0	15.83	15.93	15.70				
15	QPSK	35	20	15.88	15.99	15.83	17.5	1		
15	QPSK	35	39	15.78	15.88	15.75				
15	QPSK	75	0	15.79	16.00	15.83				
15	16QAM	1	0	15.86	15.82	15.74				
15	16QAM	1	37	15.73	15.72	15.72	17.5	1		
15	16QAM	1	74	15.62	15.75	15.79				
15	16QAM	35	0	14.92	15.02	14.71				
15	16QAM	35	20	14.77	14.86	14.69				
15	16QAM	35	39	14.81	14.96	14.70	16.5	2		
15	16QAM	75	0	14.83	14.94	14.83				
15	16QAM	1	0	14.85	14.84	14.75				
15	16QAM	1	37	14.71	14.77	14.70				
15	16QAM	1	74	14.63	14.86	14.74	15.5	3		
15	16QAM	35	0	13.91	14.04	13.74				
15	16QAM	35	20	13.78	13.95	13.84				
15	16QAM	35	39	13.80	13.88	13.69				
15	16QAM	75	0	13.97	13.97	13.92				
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				
10	QPSK	25	12	15.81	15.91	15.73	17.5	1		
10	QPSK	25	25	15.84	15.90	15.74				
10	QPSK	50	0	15.83	15.95	15.75				
10	16QAM	1	0	15.86	15.80	15.79				
10	16QAM	1	25	15.68	15.76	15.71	17.5	1		
10	16QAM	1	49	15.61	15.81	15.69				
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	16QAM	1	0	14.81	14.84	14.70				
10	16QAM	1	25	14.65	14.81	14.67				
10	16QAM	1	49	14.64	14.82	14.69	16.5	2		
10	16QAM	25	0	13.96	14.01	13.76				
10	16QAM	25	12	13.82	13.86	13.84				
10	16QAM	25	25	13.79	13.84	13.67				
10	16QAM	50	0	13.82	14.04	13.84	15.5	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	16.80	16.84	16.73			18.5	0
5	QPSK	1	12	16.73	16.73	16.73				
5	QPSK	1	24	16.67	16.66	16.73				
5	QPSK	12	0	15.84	16.00	15.71				
5	QPSK	12	7	15.83	15.96	15.81	17.5	1		
5	QPSK	12	13	15.83	15.92	15.69				
5	QPSK	25	0	15.77	16.03	15.85				
5	16QAM	1	0	15.78	15.92	15.71				
5	16QAM	1	12	15.66	15.77	15.71	17.5	1		
5	16QAM	1	24	15.66	15.74	15.71				
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	14.66	16.5	2		
5	16QAM	25	0	14.87	14.96	14.83				
5	16QAM	1	0	14.85	14.83	14.78				
5	16QAM	1	12	14.69	14.82	14.71				
5	16QAM	1	24	14.63	14.84	14.76	16.5	2		
5	16QAM	12	0	13.96	14.00	13.73				
5	16QAM	12	7	13.78	13.92	13.65				
5	16QAM	12	13	13.78	13.89	13.75				
5	16QAM	25	0	13.85	14.01	13.78	15.5	3		
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				
3	QPSK	8	4	15.85	15.90	15.64	17.5	1		
3	QPSK	8	7	15.80	15.85	15.68				
3	QPSK	15	0	15.87	15.94	15.74				
3	16QAM	1	0	15.78	15.88	15.75				
3	16QAM	1	8	15.65	15.72	15.68	17.5	1		
3	16QAM	1	14	15.69	15.81	15.79				
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	14.78	15.03	14.75				
3	16QAM	1	0	14.83	14.81	14.73				
3	16QAM	1	8	14.63	14.82	14.68				
3	16QAM	1	14	14.68	14.81	14.79	16.5	2		
3	16QAM	8	0	13.86	13.99	13.70				
3	16QAM	8	4	13.86	13.82	13.66				
3	16QAM	8	7	13.73	13.95	13.68				
3	16QAM	15	0	13.86	14.03	13.78	15.5	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	16.77	16.79	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				
1.4	QPSK	3	1	16.78	16.74	16.55	17.5	1		
1.4	QPSK	3	3	16.73	16.71	16.53				
1.4	QPSK	6	0	15.80	15.95	15.76				
1.4	16QAM	1	0	15.83	15.81	15.72				
1.4	16QAM	1	3	15.67	14.71	14.74	17.5	1		
1.4	16QAM	1	5	15.65	15.76	15.66				
1.4	16QAM	3	0	15.88	16.01	15.68				
1.4	16QAM	3	1	15.84	15.84	15.71				
1.4	16QAM	3	3	15.85	15.88	15.64	16.5	2		
1.4	16QAM	6	0	14.81	15.01	14.82				
1.4	16QAM	1	0	14.80	14.89	14.79				
1.4	16QAM	1	3	14.64	14.76	14.56				
1.4	16QAM	1	5	14.57	14.71	14.74	16.5	2		
1.4	16QAM	3	0	14.85	14.90	14.71				
1.4	16QAM	3	1	14.75	14.92	14.81				
1.4	16QAM	3	3	14.73	14.94	14.62				
1.4	16QAM	6	0	13.88	14.01	13.77	15.5	3		

Band 4_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)										
20	QPSK	1	0	17.20	17.25	17.17	19	0		
20	QPSK	1	49	17.40	17.39	17.34				
20	QPSK	1	99	17.31	17.41	17.24				
20	QPSK	50	0	16.41	16.48	16.42				
20	QPSK	50	24	16.37	16.42	16.33	18	1		
20	QPSK	50	50	16.28	16.44	16.35				
20	QPSK	100	0	16.52	16.55	16.45				
20	16QAM	1	0	16.33	16.39	16.28				
20	16QAM	1	49	16.16	16.35	16.44	18	1		
20	16QAM	1	99	16.37	16.49	16.20				
20	16QAM	50	0	15.35	15.50	15.45				
20	16QAM	50	24	15.37	15.38	15.36				
20	16QAM	50	50	15.23	15.52	15.34	17	2		
20	16QAM	100	0	15.47	15.49	15.42				
20	16QAM	1	0	15.34	15.35	15.36				
20	16QAM	1	49	15.34	15.36	15.42				
20	16QAM	1	99	15.33	15.53	15.27	17	2		
20	16QAM	50	0	14.28	14.49	14.55				
20	16QAM	50	24	14.33	14.46	14.43				
20	16QAM	50	50	14.35	14.51	14.40				
20	16QAM	100	0	14.41	14.40	14.50	16	3		
Channel										
Frequency (MHz)										
20025	QPSK	1	0	17.26	17.39	17.34			19	0
20025	QPSK	1	37	17.37	17.31	17.23				
20025	QPSK	1	74	17.16	17.27	17.07				
20025	QPSK	35	0	16.32	16.32	16.36				
20025	QPSK	35	20	16.27	16.25	16.24	18	1		
20025	QPSK	35	39	16.20	16.29	16.32				
20025	QPSK	75	0	16.49	16.52	16.32				
20025	16QAM	1	0	16.17	16.22	16.11				
20025	16QAM	1	37	16.22	16.21	16.39	18	1		
20025	16QAM	1	74	16.28	16.33	16.17				
20025	16QAM	35	0	15.28	15.38	15.26				
20025	16QAM	35	20	15.17	15.34	15.31				
20025	16QAM	35	39	15.09	15.49	15.29	17	2		
20025	16QAM	75	0	15.33	15.47	15.35				
20025	16QAM	1	0	15.26	15.28	15.29				
20025	16QAM	1	37	15.18	15.23	15.25				
20025	16QAM	1	74	15.31	15.42	15.25	17	2		
20025	16QAM	35	0	14.13	14.42	14.52				
20025	16QAM	35	20	14.17	14.36	14.39				
20025	16QAM	35	39	14.22	14.35	14.31				
20025	16QAM	75	0	14.29	14.35	14.38	16	3		
Channel										
Frequency (MHz)										
20015	QPSK	1	0	17.25	17.34	17.28			19	0
20015	QPSK	1	25	17.30	17.36	17.22				
20015	QPSK	1	49	17.15	17.31	17.18				
20015	QPSK	25	0	16.32	16.43	16.3				



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				
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	21.75	21.77	21.71				
20	QPSK	1	49	21.62	21.75	21.68	23	0		
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	22	1		
20	QPSK	50	50	20.65	20.71	20.75				
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	20.57	22	1		
20	16QAM	1	99	20.61	20.67	20.77				
20	16QAM	50	0	19.60	19.84	19.86				
20	16QAM	50	24	19.59	19.79	19.74	21	2		
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	19.53	19.63				
20	64QAM	50	0	18.62	18.75	18.81				
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				
Channel				20825	21100	21375				
Frequency (MHz)				2507.5	2535	2562.5				
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	22	1		
15	QPSK	36	20	20.63	20.71	20.65				
15	QPSK	36	39	20.56	20.64	20.73				
15	QPSK	75	0	20.58	20.69	20.61	21	2		
15	16QAM	1	0	20.79	20.69	20.57				
15	16QAM	1	37	20.46	20.59	20.70	22	1		
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	19.88	21	2		
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	20	3		
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				
Channel				20990	21100	21400				
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	21.71	21.69	21.60	23	0		
10	QPSK	1	25	21.51	21.73	21.80				
10	QPSK	1	49	21.50	21.81	21.53				
10	QPSK	25	0	20.68	20.77	20.66	22	1		
10	QPSK	25	12	20.53	20.58	20.67				
10	QPSK	50	0	20.62	20.70	20.63	22	1		
10	QPSK	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				
10	16QAM	50	0	19.56	19.81	19.53				
10	64QAM	1	0	19.67	19.72	19.52	21	2		
10	64QAM	1	25	19.42	19.73	19.71				
10	64QAM	1	49	19.63	19.52	19.81				
10	64QAM	25	0	18.52	18.69	18.88	20	3		
10	64QAM	25	12	18.54	18.81	18.80				
10	64QAM	25	25	18.71	18.57	18.68				
10	64QAM	50	0	18.67	18.76	18.61				
Channel				20775	21100	21425				
Frequency (MHz)				2502.5	2535	2567.5				
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	22	1		
5	QPSK	12	7	20.61	20.64	20.56				
5	QPSK	12	13	20.63	20.60	20.63				
5	QPSK	25	0	20.63	20.69	20.68	21	2		
5	16QAM	1	0	20.74	20.70	20.52				
5	16QAM	1	12	20.48	20.61	20.70	22	1		
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	21	2		
5	64QAM	1	12	19.46	19.65	19.67				
5	64QAM	1	24	19.67	19.56	19.78				
5	64QAM	12	0	18.59	18.71	18.77	20	3		
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				

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)				707.5	707.5	711.5				
10	QPSK	1	0	22.78	22.94	22.75	24	0		
10	QPSK	1	25	22.88	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				
10	16QAM	1	0	21.88	21.93	21.85	23	1		
10	16QAM	1	25	21.89	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	22	2		
10	64QAM	1	25	20.78	20.87	20.80				
10	64QAM	1	49	20.76	20.79	20.75				
10	64QAM	25	0	19.79	19.84	19.72	21	3		
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				
Channel				23035	23095	23155				
Frequency (MHz)				707.5	707.5	713.5				
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	23	1		
5	16QAM	1	24	21.73	21.82	21.81				
5	16QAM	12	0	20.68	20.76	20.57	22	2		
5	16QAM	12	7	20.47	20.56	20.49				
5	16QAM	12	13	20.59	20.71	20.54				
5	16QAM	25	0	20.88	20.77	20.67	22	2		
5	64QAM	1	0							



Band 14_Default&DSI3 Ant0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				23330			
Frequency (MHz)							
10	QPSK	1	0	22.89			24
10	QPSK	1	25	22.86			
10	QPSK	1	49	22.80			
10	QPSK	25	0	21.86			
10	QPSK	25	12	21.85			23
10	QPSK	25	25	21.82			
10	QPSK	50	0	21.85			
10	16QAM	1	0	22.06			
10	16QAM	1	25	22.04			
10	16QAM	1	49	21.99			
10	16QAM	25	0	20.88			
10	16QAM	25	12	20.85			22
10	16QAM	25	25	20.82			
10	16QAM	50	0	20.83			
10	64QAM	1	0	20.95			
10	64QAM	1	25	21.02			22
10	64QAM	1	49	20.97			
10	64QAM	25	0	19.85			
10	64QAM	25	12	19.83			
10	64QAM	25	25	19.81			21
10	64QAM	50	0	19.82			
Channel				23305			
Frequency (MHz)							
5	QPSK	1	0	22.64	22.77	22.73	24
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
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	21.88	23
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	20.78	22
5	16QAM	12	13	20.61	20.73	20.59	
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	22
5	64QAM	1	24	20.67	20.76	20.73	
5	64QAM	12	0	19.60	19.82	19.71	
5	64QAM	12	7	19.59	19.77	19.76	21
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.	MPR (dB)
Channel				23780			
Frequency (MHz)							
10	QPSK	1	0	22.74	22.80	22.71	24
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	21.69	21.66	21.57	23
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	21.74	21.84	21.81	
10	16QAM	1	49	21.82	21.86	21.83	23
10	16QAM	25	0	20.66	20.79	20.70	
10	16QAM	25	12	20.61	20.71	20.58	22
10	16QAM	25	25	20.66	20.74	20.60	
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	22
10	64QAM	1	49	20.71	20.79	20.74	
10	64QAM	25	0	19.73	19.78	19.68	
10	64QAM	25	12	19.68	19.74	19.69	21
10	64QAM	25	25	19.73	19.75	19.67	
10	64QAM	50	0	19.68	19.77	19.67	
Channel				23755			
Frequency (MHz)							
5	QPSK	1	0	22.68	22.75	22.63	24
5	QPSK	1	12	22.68	22.73	22.60	
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	23
5	QPSK	12	13	21.52	21.56	21.58	
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	23
5	16QAM	1	24	21.65	21.81	21.78	
5	16QAM	12	0	20.55	20.71	20.59	
5	16QAM	12	7	20.47	20.63	20.49	22
5	16QAM	12	13	20.49	20.65	20.49	
5	16QAM	25	0	20.67	20.67	20.69	
5	64QAM	1	0	20.67	20.80	20.64	
5	64QAM	1	12	20.56	20.74	20.75	22
5	64QAM	1	24	20.62	20.61	20.70	
5	64QAM	12	0	19.61	19.66	19.66	
5	64QAM	12	7	19.65	19.58	19.55	21
5	64QAM	12	13	19.62	19.64	19.54	
5	64QAM	25	0	19.59	19.60	19.64	
Channel				23765			
Frequency (MHz)							
5	QPSK	1	0	22.68	22.75	22.63	24
5	QPSK	1	12	22.68	22.73	22.60	
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	23
5	QPSK	12	13	21.52	21.56	21.58	
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	23
5	16QAM	1	24	21.65	21.81	21.78	
5	16QAM	12	0	20.55	20.71	20.59	
5	16QAM	12	7	20.47	20.63	20.49	22
5	16QAM	12	13	20.49	20.65	20.49	
5	16QAM	25	0	20.67	20.67	20.69	
5	64QAM	1	0	20.67	20.80	20.64	
5	64QAM	1	12	20.56	20.74	20.75	22
5	64QAM	1	24	20.62	20.61	20.70	
5	64QAM	12	0	19.61	19.66	19.66	
5	64QAM	12	7	19.65	19.58	19.55	21
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.	MPR (dB)
Channel				26140			
Frequency (MHz)							
20	QPSK	1	0	16.92	16.94	16.92	18.5
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
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	
20	16QAM	1	99	15.86	15.85	15.87	17.5
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
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	16.5
20	64QAM	1	99	14.96	14.90	14.80	
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	15.5
20	64QAM	100	0	13.66	13.76	13.75	
Channel				26115			
Frequency (MHz)							
15	QPSK	1	0	16.87	16.92	16.73	18.5
15	QPSK	1	37	16.79	16.78	16.69	
15	QPSK	1	74	16.71	16.78	16.69	
15	QPSK	36	0	15.86	15.71	15.86	
15	QPSK	36	20	15.80	15.68	15.50	17.5
15	QPSK	36	39	15.88	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
15	16QAM	1	74	15.75	15.81	15.81	
15	16QAM	36	0	14.61	14.74	14.72	
15	16QAM	36	20	14.60	14.60	14.60	16.5
15	16QAM	36	39	14.56	14.65	14.51	
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	14.53	16.5
15	64QAM	1	74	14.91	14.88	14.77	
15	64QAM	36	0	13.69	13.63	13.70	
15	64QAM	36	20	13.60	13.69	13.58	15.5
15	64QAM	36	39	13.80	13.72	13.54	
15	64QAM	75	0	13.61	13.74	13.65	
Channel				26090			
Frequency (MHz)							
10	QPSK	1	0	16.84	16.87	16.75	18.5
10	QPSK	1	25	16.81	16.78		



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								
Frequency (MHz)								
15	QPSK	1	0	21.77	21.79	21.79	23	0
15	QPSK	1	37	21.74	21.74	21.82		
15	QPSK	1	74	21.65	21.65	21.65		
15	QPSK	36	0	20.69	20.71	20.67	22	1
15	QPSK	36	20	20.55	20.58	20.54		
15	QPSK	36	39	20.66	20.67	20.56		
15	QPSK	75	0	20.66	20.70	20.62		
15	16QAM	1	0	20.85	20.84	20.70	22	1
15	16QAM	1	37	20.69	20.67	20.59		
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		
15	16QAM	75	0	19.62	19.75	19.69		
15	16QAM	1	0	19.90	19.86	19.61	21	2
15	16QAM	1	37	19.60	19.77	19.74		
15	16QAM	1	74	19.62	19.66	19.65		
15	16QAM	36	0	18.66	18.73	18.69	20	3
15	16QAM	36	20	18.61	18.62	18.64		
15	16QAM	36	39	18.75	18.56	18.59		
15	16QAM	75	0	18.65	18.81	18.78		
Channel								
Frequency (MHz)								
10	QPSK	1	0	21.75	21.75	21.64	23	0
10	QPSK	1	25	21.70	21.62	21.55		
10	QPSK	1	49	21.60	21.61	21.60	22	1
10	QPSK	25	0	20.42	20.47	20.44		
10	QPSK	25	25	20.60	20.61	20.47		
10	QPSK	50	0	20.60	20.66	20.54	22	1
10	16QAM	1	0	20.72	20.76	20.62		
10	16QAM	1	25	20.58	20.59	20.62	21	2
10	16QAM	1	49	20.56	20.58	20.54		
10	16QAM	25	0	19.68	19.60	19.56	21	2
10	16QAM	25	12	19.62	19.58	19.58		
10	16QAM	25	25	19.68	19.56	19.41		
10	16QAM	50	0	19.51	19.68	19.59	21	2
10	16QAM	1	0	19.78	19.78	19.47		
10	16QAM	1	25	19.47	19.72	19.65	20	3
10	16QAM	1	49	19.54	19.56	19.51		
10	16QAM	25	0	18.55	18.62	18.63	20	3
10	16QAM	25	12	18.54	18.52	18.59		
10	16QAM	25	25	18.66	18.51	18.46		
10	16QAM	50	0	18.70	18.70	18.68		
Channel								
Frequency (MHz)								
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		
5	QPSK	12	13	20.61	20.63	20.50	22	1
5	QPSK	25	0	20.65	20.63	20.56		
5	16QAM	1	0	20.61	20.62	20.65	21	1
5	16QAM	1	12	20.58	20.64	20.61		
5	16QAM	1	24	20.60	20.65	20.52	21	2
5	16QAM	12	0	19.73	19.66	19.55		
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	16QAM	1	0	19.62	19.76	19.54	21	2
5	16QAM	1	12	19.67	19.71	19.66		
5	16QAM	1	24	19.56	19.60	19.63	20	3
5	16QAM	12	0	18.58	18.62	18.59		
5	16QAM	12	7	18.54	18.56	18.55		
5	16QAM	12	13	18.73	18.54	18.45	20	3
5	16QAM	25	0	18.60	18.67	18.73		
Channel								
Frequency (MHz)								
3	QPSK	1	0	21.71	21.69	21.70	23	0
3	QPSK	1	8	21.71	21.64	21.55		
3	QPSK	1	14	21.58	21.53	21.53	22	1
3	QPSK	8	0	20.66	20.62	20.64		
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	20.35	20.56	21	2
3	16QAM	8	0	19.70	19.61	19.51		
3	16QAM	8	4	19.44	19.51	19.42		
3	16QAM	8	7	19.64	19.56	19.35	21	2
3	16QAM	15	0	19.54	19.72	19.60		
3	16QAM	1	0	19.78	19.79	19.49	21	2
3	16QAM	1	8	19.55	19.64	19.61		
3	16QAM	1	14	19.56	19.63	19.56	20	3
3	16QAM	8	0	18.52	18.39	18.58		
3	16QAM	8	4	18.54	18.51	18.60		
3	16QAM	8	7	18.65	18.46	18.48	20	3
3	16QAM	15	0	18.57	18.75	18.71		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	21.70	21.65	21.63	23	0
1.4	QPSK	1	3	21.68	21.69	21.46		
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		
1.4	QPSK	3	3	21.54	21.60	21.47	22	1
1.4	16QAM	1	0	20.53	20.55	20.50		
1.4	16QAM	1	3	20.78	20.73	20.63	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	16QAM	6	0	19.57	19.61	19.60		
1.4	16QAM	6	1	19.78	19.73	19.46		
1.4	16QAM	1	3	19.45	19.64	19.66	21	2
1.4	16QAM	1	5	19.58	19.60	19.53		
1.4	16QAM	3	0	19.57	19.64	19.61	21	2
1.4	16QAM	3	1	19.46	19.54	19.54		
1.4	16QAM	3	3	19.70	19.50	19.49	20	3
1.4	16QAM	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								
Frequency (MHz)								
10	QPSK	1	0	17.90			19	0
10	QPSK	1	25	17.86				
10	QPSK	1	49	17.79			18	1
10	QPSK	25	0	16.81				
10	QPSK	25	12	16.78				
10	QPSK	25	25	16.73			18	1
10	QPSK	50	0	16.82				
10	16QAM	1	0	16.89			18	1
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	15.76			17	2
10	16QAM	50	0	15.83				
10	16QAM	1	0	15.80			17	2
10	16QAM	1	25	15.82				
10	16QAM	1	49	15.81			16	3
10	16QAM	25	0	14.82				
10	16QAM	25	12	14.79				
10	16QAM	25	25	14.87			16	3
10	16QAM	50	0	14.77				
Channel								
Frequency (MHz)								
5	QPSK	1	0	17.79	17.78	17.74	19	0
5	QPSK	1	12	17.69	17.72	17.73		
5	QPSK	1	24	17.52	17.72	17.53	18	1
5	QPSK	12	0	16.84	16.76	16.58		
5	QPSK	12	7	16.82	16.68	16.71		
5	QPSK	12	13	16.57	16.70	16.63	18	1
5	QPSK	25	0	16.70	16.71	16.66		
5	16QAM	1	0	16.88	16.78	16.78	18	1
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	15.68		
5	16QAM	12	7	15.67	15.66	15.56		
5	16QAM	12	13	15.61	15.73	15.67	17	2
5	16QAM	25	0	15.81	15.75	15.57		
5	16QAM	1	0	15.53	15.69	15.57	17	2
5	16QAM	1	12	15.84	15.74	15.69		
5	16QAM	1	24	15.64	15.79	15.65	16	3
5	16QAM	12	0	14.64	14.79	14.68		
5	16QAM	12	7	14.72	14.76	14.70		
5	16QAM	12	13	14.71	14.81	14.74	16	3
5	16QAM	25	0	14.62	14.66	14.58		

Band 66_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								
Frequency (MHz)								
20	QPSK	1	0	17.59			19	0
20	QPSK	1	49	17.31	17.46	17.32		
20	QPSK	1	99	17.35	17.40	17.28	18	1
20	QPSK	50	0	16.46	16.53	16.40		
20	QPSK	50	24	16.41	16.47	16.37		
20	QPSK	50	50	16.42	16.36	16.31	18	1
20	QPSK	100	0	16.45	16.49	16.46		
20	16QAM	1	0	16.49	16.57	16.29	18	1
20	16QAM	1	49	16.37	16.40	16.36		
20	16QAM	1	99	16.34	16.40	16.31	17	2
20	16QAM	50	0	15.43	15.43	15.42		
20	16QAM	50	24	15.47	15.53	15.28		
20	16QAM	50	50	15.44	15.35	15.39	17	2
20	16QAM	100	0	15.53	15.56	15.52		
20	16QAM	1	0	15.43	15.49	15.27	17	2
20	16QAM	1	49	15.33	15.40	15.30		
20	16QAM	1	99	15.26	15.41	15.31	16	3
20	16QAM	50	0	14.33	14.43	14.43		
20	16QAM	50	24	14.55	14.49	14.21		
20	16QAM	50	50	14.39	14.26	14.46	16	3
20	16QAM	100	0	14.63	14.63	14.61		
Channel								
Frequency (MHz)								
15	QPSK	1	0	17.39	17.46	17.26	19	0
15	QPSK	1	37	17.22	17.37	17.29		
15	QPSK	1	74	17.23	17.27	17.19	18	1



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		
Frequency (MHz)				673	683	693		
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		
20	16QAM	1	0	22.14	22.22	22.12	23	1
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	20.86	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	21	3
20	64QAM	50	24	19.92	19.97	19.83		
20	64QAM	50	50	19.85	19.89	19.86		
20	64QAM	100	0	19.81	19.88	19.79		
Channel				133197	133297	133397		
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		
15	16QAM	1	0	22.00	22.13	22.02	23	1
15	16QAM	1	37	21.98	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	21	3
15	64QAM	36	20	19.80	19.79	19.75		
15	64QAM	36	39	19.71	19.82	19.83		
15	64QAM	75	0	19.66	19.84	19.62		
Channel				133172	133272	133422		
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		
10	16QAM	1	0	21.96	22.13	22.02	23	1
10	16QAM	1	25	21.95	22.04	22.07		
10	16QAM	1	49	21.97	22.07	21.88		
10	16QAM	25	0	20.85	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	20.96	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	21	3
10	64QAM	25	12	19.86	19.95	19.72		
10	64QAM	25	25	19.72	19.76	19.71		
10	64QAM	50	0	19.71	19.77	19.77		
Channel				133147	133247	133447		
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		
5	16QAM	1	0	22.05	22.17	21.96	23	1
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	20.81	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	20.88	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	21	3
5	64QAM	12	7	19.78	19.86	19.75		
5	64QAM	12	13	19.82	19.77	19.76		
5	64QAM	25	0	19.73	19.85	19.77		



Band 2_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								
Frequency (MHz)								
20	QPSK	1	0	16.88	16.88	16.88	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		
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		
20	16QAM	1	0	15.89	15.94	15.84		
20	16QAM	1	49	15.77	15.94	15.75		
20	16QAM	1	99	15.75	15.88	15.82		
20	16QAM	50	0	14.87	15.08	14.84		
20	16QAM	50	24	14.91	15.01	14.74		
20	16QAM	50	50	14.88	14.99	14.79		
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		
20	64QAM	1	99	14.75	14.88	14.82		
20	64QAM	50	0	13.98	14.07	13.89		
20	64QAM	50	24	13.91	14.00	13.74		
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	39	0	15.83	15.95	15.79		
15	QPSK	39	20	15.88	15.99	15.83		
15	QPSK	39	39	15.78	15.88	15.75		
15	QPSK	75	0	15.79	16.00	15.83		
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		
15	16QAM	39	0	14.92	15.02	14.71		
15	16QAM	39	20	14.97	14.98	14.99		
15	16QAM	39	39	14.81	14.96	14.70		
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		
15	64QAM	1	74	14.63	14.86	14.74		
15	64QAM	39	0	13.91	14.04	13.74		
15	64QAM	39	20	13.78	13.95	13.64		
15	64QAM	39	39	13.80	13.88	13.69		
15	64QAM	75	0	13.97	14.07	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		
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		
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		
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		
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		
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	13.64		
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	16.73	16.73		
5	QPSK	1	24	16.67	16.86	16.79		
5	QPSK	12	0	15.84	16.00	15.71		
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		
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		
5	16QAM	12	0	14.78	14.93	14.74		
5	16QAM	12	7	14.80	14.99	14.66		
5	16QAM	12	13	14.83	14.96	14.67		
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		
5	64QAM	1	24	14.63	14.84	14.76		
5	64QAM	12	0	13.96	14.00	13.75		
5	64QAM	12	7	13.78	13.92	13.66		
5	64QAM	12	13	13.78	13.89	13.73		
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		
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		
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		
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		
3	16QAM	15	0	14.78	15.03	14.75		
3	64QAM	1	0	14.83	14.81	14.73		
3	64QAM	1	8	14.63	14.82	14.68		
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	13.82	13.66		
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	16.79	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		
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		
1.4	16QAM	1	0	15.83	15.81	15.72		
1.4	16QAM	1	3	15.67	15.72	15.69		
1.4	16QAM	1	5	15.65	15.76	15.66		
1.4	16QAM	3	0	15.88	16.01	15.68		
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		
1.4	64QAM	1	0	14.80	14.89	14.79		
1.4	64QAM	1	3	14.64	14.76	14.56		
1.4	64QAM	1	5	14.57	14.71	14.74		
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 4_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								
Frequency (MHz)								
20	QPSK	1	0	16.20	17.25	16.20	18	0
20	QPSK	1	49	16.33	16.41	16.26		
20	QPSK	1	99	16.35	16.39	16.30		
20	QPSK	50	0	15.45	15.51	15.46		
20	QPSK	50	24	15.35	15.47	15.36		
20	QPSK	50	50	15.41	15.44	15.42		
20	QPSK	100	0	15.53	15.54	15.43		
20	16QAM	1	0	15.45	15.51	15.30		
20	16QAM	1	49	15.41	15.34	15.27		
20	16QAM	1	99	15.41	15.31	15.23		
20	16QAM	50	0	14.47	14.46	14.48		
20	16QAM	50	24	14.41	14.55	14.40		
20	16QAM	50	50	14.32	14.53	14.49		
20	16QAM	100	0	14.57	14.62	14.42		
20	64QAM	1	0	14.45	14.47	14.28		
20	64QAM	1	49	14.30	14.31	14.22		
20	64QAM	1	99	14.31	14.37	14.33		
20	64QAM	50	0	13.44	13.43	13.54		
20	64QAM	50	24	13.47	13.54	13.54		
20	64QAM	50	50	13.36	13.50	13.43		
20	64QAM	100	0	13.67	13.62	13.39		
Channel								
Frequency (MHz)								
15	QPSK	1	0	16.28	16.39	16.26	18	0
15	QPSK	1	37	16.25	16.34	16.15		
15	QPSK	1	74	16.24	16.25	16.24		
15	QPSK	39	0	15.41	15.39	15.36		
15	QPSK	39	20	15.30	15.39	15.34		
15	QPSK	39	39	15.32	15.34	15.34		
15	QPSK	75	0	15.41	15.50	15.36		
15	16QAM	1	0	15.40	15.41	15.16		
15	16QAM	1	37	15.19	15.29	15.18		
15	16QAM	1	74	15.38	15.23	15.19		
15	16QAM	39	0	14.40	14.43	14.45		
15	16QAM	39	20	14.35	14.38	14.36		
15	16QAM	39	39	14.20	14.50	14.41		
15	16QAM	75	0	14.54	14.57	14.38		
15	64QAM	1	0	14.31	14.42	14.21		
15	64QAM	1	37	14.26	14.28	14.17		
15	64QAM	1	74	14.20	14.35	14.21		
15	64QAM	39	0	13.31	13.39	13.42		
15	64QAM	39	20	13.43	13.45	13.42		
15	64QAM	39	39	13.28	13.40	13.35		
15	64QAM	75	0	13.67	13.56	13.37		
Channel								
Frequency (MHz)								
10	QPSK	1	0	16.36	16.35	16.30	18	0
10	QPSK	1	25	16.21	16.37	16.19		
10	QPSK	1	49	16.29	16.33	16.18		
10	QPSK	25	0	15.36	15.47	15.40		
10	QPSK	25	12	15.28	15.43	15.25		
10	QPSK	25	25	15.31	15.33	15.39		
10	QPSK	50	0	15.40	15.43	15.38		
10	16QAM	1	0	15.31	15.40	15.26		
10	16QAM	1	25	15.13	15.25	15.14		
10	16QAM	1	49	15.34	15.18	15.14		
10	16QAM	25	0	14.35	14.41	14.41		
10	16QAM	25	12	14.36	14.47	14.37		
10	16QAM	25	25	14.25	14.41	14.45		
10	16QAM	50	0	14.48	14.56	14.28		
10	64QAM	1	0	14.40	14.37	14.16		
10	64QAM	1	25	14.44	14.27	14.16		
10	64QAM	1	49	14.28	14.35	14.19		
10	6							



Band 7_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				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.75	21.77	21.74			
20	QPSK	1	49	21.62	21.75	21.68	23	0	
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	22	1	
20	QPSK	50	50	20.65	20.71	20.75			
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	20.57	22	1	
20	16QAM	1	99	20.61	20.67	20.77			
20	16QAM	50	0	19.60	19.84	19.86			
20	16QAM	50	24	19.59	19.79	19.74	21	2	
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	19.59	19.63	19.63			
20	64QAM	50	0	18.62	18.75	18.61			
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	18.65			
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.66	21.72	21.63			
15	QPSK	1	37	21.54	21.63	21.59	23	0	
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	22	1	
15	QPSK	36	39	20.56	20.64	20.73			
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	22	1	
15	16QAM	1	74	20.49	20.65	20.72			
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			
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	20	3	
15	64QAM	36	39	18.72	18.57	18.61			
15	64QAM	75	0	18.66	18.76	18.52			
Channel				20950	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.71	21.69	21.60			
10	QPSK	1	25	21.51	21.73	21.80	23	0	
10	QPSK	1	49	21.50	21.81	21.53			
10	QPSK	25	0	20.68	20.77	20.66			
10	QPSK	25	12	20.53	20.63	20.59	22	1	
10	QPSK	50	0	20.62	20.75	20.63			
10	16QAM	1	0	20.71	20.69	20.59			
10	16QAM	1	25	20.48	20.59	20.63	22	1	
10	16QAM	1	49	20.56	20.55	20.65			
10	16QAM	25	0	19.47	19.73	19.78			
10	16QAM	25	12	19.55	19.68	19.60	21	2	
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	21	2	
10	64QAM	1	25	19.42	19.73	19.74			
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	18.80	20	3	
10	64QAM	25	25	18.71	18.57	18.68			
10	64QAM	50	0	18.67	18.76	18.61			
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.65	21.67	21.58			
5	QPSK	1	12	21.56	21.71	21.57	23	0	
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	22	1	
5	QPSK	12	13	20.63	20.60	20.63			
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	22	1	
5	16QAM	1	24	20.55	20.54	20.72			
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			
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	20	3	
5	64QAM	12	13	18.65	18.64	18.68			
5	64QAM	25	0	18.62	18.77	18.58			

Band 12_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				23060	23095	23130			
Frequency (MHz)				7074	7075	7117			
10	QPSK	1	0	22.78	22.94	22.75			
10	QPSK	1	25	22.88	22.76	22.70	24	0	
10	QPSK	1	49	22.61	22.68	22.57			
10	QPSK	25	0	21.69	21.66	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			
10	16QAM	1	0	21.88	21.93	21.85			
10	16QAM	1	25	21.89	21.98	21.96	23	1	
10	16QAM	1	49	21.86	21.96	21.93			
10	16QAM	25	0	20.71	20.84	20.74			
10	16QAM	25	12	20.63	20.69	20.61	22	2	
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	21	3	
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)				7071.5	7075	7135			
5	QPSK	1	0	22.63	22.78	22.68			
5	QPSK	1	12	22.50	22.63	22.63	24	0	
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	23	1	
5	QPSK	12	13	21.65	21.60	21.54			
5	QPSK	25	0	21.59	21.62	21.66			
5	16QAM	1	0	21.76	21.78	21.74			
5	16QAM	1	12	21.78	21.83	21.88	23	1	
5	16QAM	1	24	21.73	21.62	21.81			
5	16QAM	12	0	20.68	20.76	20.57			
5	16QAM	12	7	20.47	20.56	20.49	22	2	
5	16QAM	12	13	20.59	20.71	20.54			
5	16QAM	25	0	20.88	20.77	20.67			
5	64QAM	1	0	20.87	20.67	20.63			
5	64QAM	1	12	20.68	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)									



Band 14_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							23330				
Frequency (MHz)							793				
10	QPSK	1	0	22.89	22.89	22.89	24	0			
10	QPSK	1	25	22.86	22.86	22.86					
10	QPSK	1	49	22.80	22.80	22.80					
10	QPSK	25	0	21.86	21.86	21.86					
10	QPSK	25	12	21.85	21.85	21.85	23	1			
10	QPSK	25	25	21.82	21.82	21.82					
10	QPSK	50	0	21.85	21.85	21.85					
10	QPSK	50	0	21.73	21.73	21.73					
10	16QAM	1	0	22.06	22.06	22.06	23	1			
10	16QAM	1	25	22.04	22.04	22.04					
10	16QAM	1	49	21.99	21.99	21.99					
10	16QAM	25	0	20.88	20.88	20.88					
10	16QAM	25	12	20.85	20.85	20.85	22	2			
10	16QAM	25	25	20.82	20.82	20.82					
10	16QAM	50	0	20.83	20.83	20.83					
10	16QAM	50	0	20.85	20.85	20.85					
10	64QAM	1	0	21.02	21.02	21.02	22	2			
10	64QAM	1	25	20.97	20.97	20.97					
10	64QAM	25	0	19.85	19.85	19.85					
10	64QAM	25	12	19.83	19.83	19.83					
10	64QAM	25	25	19.81	19.81	19.81	21	3			
10	64QAM	50	0	19.82	19.82	19.82					
Channel									23305	23330	23355
Frequency (MHz)									790.5	793	795.5
5	QPSK	1	0	22.64	22.77	22.73	24	0			
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	21.88	23	1			
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	20.78					
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	22	2			
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	21	3			

Band 17_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							23780	23790	23800
Frequency (MHz)							709	710	711
10	QPSK	1	0	22.74	22.80	22.71	24	0	
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	21.69	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	21.74	21.84	21.81	23	1	
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	22	2	
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	21	3	

Band 25_DSII7 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	1894	1928
20	QPSK	1	0	16.92	16.92	16.92	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	14.96	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	



Band 26_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								
Frequency (MHz)								
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		
15	QPSK	36	20	20.07	20.14	20.07	21.5	1
15	QPSK	36	39	20.13	20.13	20.02		
15	QPSK	75	0	20.16	20.21	20.10		
15	16QAM	1	0	20.37	20.33	20.18	21.5	1
15	16QAM	1	37	20.26	20.36	20.27		
15	16QAM	1	74	20.24	20.17	20.23		
15	16QAM	36	0	19.29	19.26	19.05		
15	16QAM	36	20	19.02	19.15	19.11	20.5	2
15	16QAM	36	39	19.18	19.22	19.00		
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		
15	64QAM	36	39	18.17	18.32	18.11	19.5	3
15	64QAM	75	0	18.19	18.37	18.10		
Channel								
Frequency (MHz)								
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		
10	QPSK	25	12	19.97	20.06	19.94	21.5	1
10	QPSK	25	25	20.07	20.03	19.97		
10	QPSK	50	0	20.12	20.10	20.04		
10	16QAM	1	0	20.26	20.22	20.10		
10	16QAM	1	25	20.20	20.31	20.13	21.5	1
10	16QAM	1	49	20.17	20.05	20.11		
10	16QAM	25	0	19.25	19.23	18.95		
10	16QAM	25	12	19.21	19.09	19.02	20.5	2
10	16QAM	25	25	19.16	19.09	18.93		
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		
10	64QAM	25	25	18.05	18.30	18.09	19.5	3
10	64QAM	50	0	18.35	18.35	18.03		
Channel								
Frequency (MHz)								
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		
5	QPSK	12	7	19.94	20.08	19.94	21.5	1
5	QPSK	12	13	20.07	20.02	19.91		
5	QPSK	25	0	20.24	20.16	20.03		
5	16QAM	1	0	20.25	20.28	20.09		
5	16QAM	1	12	20.21	20.28	20.25	21.5	1
5	16QAM	1	24	20.11	20.13	20.18		
5	16QAM	12	0	19.21	19.22	18.92		
5	16QAM	12	7	18.91	19.08	19.00	20.5	2
5	16QAM	12	13	19.14	19.15	18.92		
5	16QAM	25	0	18.07	18.29	18.96		
5	64QAM	1	0	19.30	19.29	19.07	20.5	2
5	64QAM	1	12	19.24	19.08	19.33		
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		
5	64QAM	12	13	18.04	18.30	18.07	19.5	3
5	64QAM	25	0	18.06	18.28	17.97		
Channel								
Frequency (MHz)								
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		
3	QPSK	8	4	19.95	20.04	19.96	21.5	1
3	QPSK	8	7	19.99	19.99	19.98		
3	QPSK	15	0	20.14	20.13	20.03		
3	16QAM	1	0	20.27	20.31	20.12		
3	16QAM	1	8	20.22	20.22	20.18	21.5	1
3	16QAM	1	14	20.20	20.33	20.09		
3	16QAM	8	0	19.24	19.20	18.93		
3	16QAM	8	4	18.95	19.02	19.09	20.5	2
3	16QAM	8	7	19.15	19.15	18.93		
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	19.14	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								
Frequency (MHz)								
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		
1.4	QPSK	3	1	20.94	21.02	20.94	21.5	1
1.4	QPSK	3	1	21.01	21.01	20.98		
1.4	QPSK	6	0	20.09	20.15	19.95		
1.4	16QAM	1	0	20.27	20.21	20.14		
1.4	16QAM	1	3	20.16	20.22	20.10	21.5	1
1.4	16QAM	1	5	20.08	20.15	20.06		
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	18.98	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		
1.4	64QAM	1	5	19.06	19.14	19.23		
1.4	64QAM	3	0	19.26	19.14	19.15	20.5	2
1.4	64QAM	3	1	19.06	19.17	19.15		
1.4	64QAM	3	3	19.05	19.18	18.94		
1.4	64QAM	6	0	18.10	18.28	18.01	19.5	3

Band 30_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								
Frequency (MHz)								
10	QPSK	1	0	23.10	23.10	23.10	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				
10	16QAM	1	0	14.83			16	1
10	16QAM	1	25	14.79				
10	16QAM	1	49	14.77				
10	16QAM	25	0	13.77			15	2
10	16QAM	25	12	13.71				
10	16QAM	25	25	13.71				
10	16QAM	50	0	13.85				
10	64QAM	1	0	13.83			15	2
10	64QAM	1	25	13.86				
10	64QAM	1	49	13.86				
10	64QAM	25	0	12.74			14	3
10	64QAM	25	12	12.63				
10	64QAM	25	25	12.79				
10	64QAM	50	0	12.95				
Channel								
Frequency (MHz)								
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	14.86	14.74		
5	QPSK	12	7	14.61	14.65	14.61	16	1
5	QPSK	12	13	14.64	14.56	14.62		
5	QPSK	25	0	14.58	14.63	14.63		
5	16QAM	1	0	14.81	14.73	14.71		
5	16QAM	1	12	14.75	14.67	14.62	16	1
5	16QAM	1	24	14.69	14.71	14.63		
5	16QAM	12	0	13.72	13.67	13.74		
5	16QAM	12	7	13.67	13.56	13.58	15	2
5	16QAM	12	13	13.62	13.65	13.54		
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	12.50	12.51	12.46		
5	64QAM	12	13	12.77	12.71	12.73	14	3
5	64QAM	25	0	12.86	12.89	12.84		

Band 66_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								
Frequency (MHz)								
20	QPSK	1	0	16.41	16.35	16.33	18	0
20	QPSK	1	49	16.36	16.42	16.33		
20	QPSK	1	99	16.34	16.35	16.29		
20	QPSK	50	0	15.52	15.57	15.38		
20	QPSK	50	24	15.48	15.49	15.36	17	1
20	QPSK	50	50	15.43	15.42	15.29		
20	QPSK	100	0	15.54	15.55	15.51		
20	16QAM	1	0	15.40	15.48	15.35		
20	16QAM	1	49	15.45	15.35	15.36	17	1
20	16QAM	1	99	15.33	15.31	15.10		
20	16QAM	50	0	14.55	14.52	14.36		
20	16QAM	50	24	14.52	14.43	14.42		
20	16QAM	50	50	14.35	14.34	14.32	16	2
20	16QAM	100	0	14.56	14.58	14.51		



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		
Frequency (MHz)				673	683	693		
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	20.86	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		
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		
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	21.98	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	20.85	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		
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	20.81		
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	20.88	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	19.78	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_DS16 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	18.90	18.90	19.00	21	0		
20	QPSK	1	49	19.19	19.30	19.23				
20	QPSK	1	99	19.16	19.19	19.18				
20	QPSK	50	0	18.47	18.53	18.37				
20	QPSK	50	24	18.39	18.51	18.32	20	1		
20	QPSK	50	50	18.33	18.47	18.27				
20	QPSK	100	0	18.51	18.54	18.35				
20	16QAM	1	0	18.19	18.28	18.21				
20	16QAM	1	49	18.16	18.26	18.26	20	1		
20	16QAM	1	99	18.14	18.25	18.14				
20	16QAM	50	0	17.40	17.51	17.27				
20	16QAM	50	24	17.32	17.43	17.31				
20	16QAM	50	50	17.27	17.54	17.37	19	2		
20	16QAM	100	0	17.52	17.63	17.37				
20	16QAM	1	0	17.26	17.24	17.15				
20	16QAM	1	49	17.25	17.25	17.27				
20	16QAM	1	99	17.17	17.18	17.17	19	2		
20	16QAM	50	0	16.44	16.48	16.33				
20	16QAM	50	24	16.28	16.46	16.34				
20	16QAM	50	50	16.17	16.61	16.36				
20	16QAM	100	0	16.46	16.69	16.40	18	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.20	19.29	19.17			21	0
15	QPSK	1	37	19.08	19.17	19.19				
15	QPSK	1	74	19.08	19.13	19.12				
15	QPSK	35	0	18.24	18.27	18.31				
15	QPSK	35	20	18.31	18.48	18.18	20	1		
15	QPSK	35	39	18.20	18.41	18.13				
15	QPSK	75	0	18.43	18.42	18.26				
15	16QAM	1	0	18.16	18.15	18.09				
15	16QAM	1	37	18.07	18.25	18.22	20	1		
15	16QAM	1	74	18.07	18.23	18.10				
15	16QAM	35	0	17.27	17.41	17.19				
15	16QAM	35	20	17.24	17.44	17.27				
15	16QAM	35	39	17.13	17.51	17.29	19	2		
15	16QAM	75	0	17.42	17.57	17.24				
15	16QAM	1	0	17.20	17.12	17.06				
15	16QAM	1	37	17.16	17.23	17.18				
15	16QAM	1	74	17.08	17.15	17.04	19	2		
15	16QAM	35	0	16.34	16.37	16.28				
15	16QAM	35	20	16.33	16.35	16.25				
15	16QAM	35	39	16.24	16.53	16.30				
15	16QAM	75	0	16.58	16.51	16.34	18	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	19.18	19.26	19.16			21	0
10	QPSK	1	25	19.10	19.17	19.13				
10	QPSK	1	49	19.08	19.12	19.04				
10	QPSK	25	0	18.44	18.41	18.24				
10	QPSK	25	12	18.30	18.49	18.27	20	1		
10	QPSK	25	25	18.19	18.43	18.14				
10	QPSK	50	0	18.06	18.03	18.00				
10	QPSK	50	0	18.08	18.22	18.07				
10	16QAM	1	25	18.10	18.23	18.16	20	1		
10	16QAM	1	49	18.00	18.15	18.11				
10	16QAM	25	0	17.34	17.48	17.22				
10	16QAM	25	12	17.29	17.38	17.24				
10	16QAM	25	25	17.21	17.51	17.30	19	2		
10	16QAM	50	0	17.43	17.54	17.30				
10	16QAM	1	0	17.13	17.22	17.05				
10	16QAM	1	25	17.16	17.13	17.24				
10	16QAM	1	49	17.08	17.07	17.08	19	2		
10	16QAM	25	0	16.35	16.35	16.26				
10	16QAM	25	12	16.29	16.34	16.22				
10	16QAM	25	25	16.21	16.57	16.32				
10	16QAM	50	0	16.41	16.62	16.33	18	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	19.17	19.24	19.07			21	0
5	QPSK	1	12	19.15	19.16	19.19				
5	QPSK	1	24	19.07	19.09	19.10				
5	QPSK	12	0	18.36	18.49	18.30				
5	QPSK	12	7	18.25	18.45	18.28	20	1		
5	QPSK	12	13	18.25	18.35	18.21				
5	QPSK	25	0	18.46	18.43	18.29				
5	16QAM	1	0	18.05	18.14	18.16				
5	16QAM	1	12	18.02	18.24	18.20	20	1		
5	16QAM	1	24	18.08	18.13	18.07				
5	16QAM	12	0	17.48	17.54	17.22				
5	16QAM	12	7	17.24	17.35	17.19				
5	16QAM	12	13	17.18	17.46	17.30	19	2		
5	16QAM	25	0	17.45	17.57	17.34				
5	16QAM	1	0	17.18	17.13	17.08				
5	16QAM	1	12	17.23	17.21	17.24				
5	16QAM	1	24	17.13	17.16	17.06	19	2		
5	16QAM	12	0	16.42	16.43	16.39				
5	16QAM	12	7	16.25	16.35	16.28				
5	16QAM	12	13	16.25	16.52	16.38				
5	16QAM	25	0	16.37	16.55	16.31	18	3		
Channel										
Frequency (MHz)										
3	QPSK	1	0	19.23	19.19	19.18			21	0
3	QPSK	1	8	19.12	19.20	19.17				
3	QPSK	1	14	19.11	19.16	19.08				
3	QPSK	8	0	18.41	18.46	18.25				
3	QPSK	8	4	18.37	18.45	18.23	20	1		
3	QPSK	8	7	18.21	18.41	18.16				
3	QPSK	15	0	18.39	18.51	18.28				
3	16QAM	1	0	18.13	18.25	18.11				
3	16QAM	1	8	18.09	18.21	18.20	20	1		
3	16QAM	1	14	18.02	18.13	18.02				
3	16QAM	8	0	17.33	17.49	17.24				
3	16QAM	8	4	17.29	17.29	17.27				
3	16QAM	8	7	17.25	17.47	17.27	19	2		
3	16QAM	15	0	17.48	17.54	17.26				
3	16QAM	1	0	17.20	17.21	17.03				
3	16QAM	1	8	17.11	17.20	17.18				
3	16QAM	1	14	17.11	17.06	17.11	19	2		
3	16QAM	8	0	16.39	16.42	16.20				
3	16QAM	8	4	16.24	16.35	16.32				
3	16QAM	8	7	16.32	16.57	16.36				
3	16QAM	15	0	16.42	16.55	16.26	18	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	19.23	19.16	19.25			21	0
1.4	QPSK	1	3	19.12	19.15	19.14				
1.4	QPSK	1	5	19.04	19.13	19.11				
1.4	QPSK	3	0	19.25	19.31	19.14				
1.4	QPSK	3	1	19.24	19.31	19.08	20	1		
1.4	QPSK	3	3	19.12	19.29	19.04				
1.4	QPSK	6	0	18.46	18.41	18.29				
1.4	16QAM	1	0	18.07	18.19	18.13				
1.4	16QAM	1	3	18.09	18.14	18.19	20	1		
1.4	16QAM	1	5	18.00	18.19	18.06				
1.4	16QAM	3	0	18.18	18.36	18.08				
1.4	16QAM	3	1	18.07	18.24	18.09				
1.4	16QAM	3	3	18.02	18.31	18.18	19	2		
1.4	16QAM	6	0	17.43	17.55	17.23				
1.4	16QAM	1	0	17.22	17.09	17.07				
1.4	16QAM	1	3	17.10	17.14	17.23				
1.4	16QAM	1	5	17.07	17.03	17.07	19	2		
1.4	16QAM	3	0	17.20	17.24	17.15				
1.4	16QAM	3	1	17.13	17.24	17.13				
1.4	16QAM	3	3	17.27	17.44	17.14				
1.4	16QAM	6	0	16.38	16.58	16.25	18	3		

Band 4_DS16 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	17.20	17.23	17.15	21.5	0		
20	QPSK	1	49	19.89	19.81	19.72				
20	QPSK	1	99	19.79	19.78	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	16QAM	1	49	18.74	18.74	18.70	20.5	1		
20	16QAM	1	99	18.74	18.74	18.72				
20	16QAM	50	0	17.86	17.86	17.81				
20	16QAM	50	24	17.91	18.02	18.04				
20	16QAM	50	24	17.86	17.87	17.90	19.5	2		
20	16QAM	50	50	17.91	17.86	17.83				
20	16QAM	100	0	18.05	18.04	18.04				
20	16QAM	1	0	17.75	17.97	17.81				
20	16QAM	1	49	17.79	17.72	17.76	19.5	2		
20	16QAM	1	99	17.82	17.74	17.72				
20	16QAM	50	0	16.96	17.06	17.04				
20	16QAM	50	24	16.93	16.96	16.85				
20	16QAM	50	50	17.00	16.94	16.91	18.5	3		
20	16QAM	100	0	16.99	17.02	17.09				
Channel										
Frequency (MHz)										
15	QPSK	1	0	19.						



Band 7_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										
Frequency (MHz)										
20	QPSK	1	0	21.22	21.28	21.24	22.5	0		
20	QPSK	1	49	21.16	21.17	21.13				
20	QPSK	1	99	21.19	21.15	21.15				
20	QPSK	50	0	20.14	20.30	20.28				
20	QPSK	50	24	20.16	20.25	20.16	21.5	1		
20	QPSK	50	50	20.09	20.18	20.23				
20	QPSK	100	0	20.22	20.28	20.26				
20	QPSK	100	24	20.20	20.16	20.32				
20	16QAM	1	0	20.19	20.27	20.16	21.5	1		
20	16QAM	1	49	20.22	20.25	20.14				
20	16QAM	50	0	19.08	19.22	19.32				
20	16QAM	50	24	19.04	19.18	19.22				
20	16QAM	50	50	19.05	19.19	19.21	20.5	2		
20	16QAM	100	0	19.26	19.37	19.31				
20	16QAM	100	0	19.22	19.27	19.39				
20	16QAM	1	49	18.11	18.30	18.24				
20	64QAM	1	99	18.24	18.32	18.21	20.5	2		
20	64QAM	50	0	18.14	18.28	18.33				
20	64QAM	50	24	18.15	18.23	18.12				
20	64QAM	50	50	18.19	18.10	18.34				
20	64QAM	100	0	18.16	18.37	18.21	19.5	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.23	21.16	21.09			22.5	0
15	QPSK	1	37	21.01	20.99	21.02				
15	QPSK	1	74	21.08	20.99	21.02				
15	QPSK	36	0	19.86	20.21	20.22				
15	QPSK	36	20	20.00	20.16	20.03	21.5	1		
15	QPSK	36	39	20.06	20.06	20.11				
15	QPSK	75	0	20.16	20.25	20.12				
15	16QAM	1	0	20.09	20.04	20.16				
15	16QAM	1	37	20.08	20.24	20.01	21.5	1		
15	16QAM	1	74	20.16	20.08	19.96				
15	16QAM	36	0	18.96	19.18	19.24				
15	16QAM	36	20	19.01	19.08	19.13				
15	16QAM	36	39	19.00	19.16	19.24	20.5	2		
15	16QAM	75	0	19.24	19.25	19.14				
15	64QAM	1	0	19.16	19.17	19.28				
15	64QAM	1	37	19.04	19.24	19.19				
15	64QAM	1	74	19.06	19.26	19.10	20.5	2		
15	64QAM	36	0	18.01	18.25	18.23				
15	64QAM	36	20	18.07	18.11	18.02				
15	64QAM	36	39	18.05	18.05	18.23				
15	64QAM	75	0	18.08	18.21	18.04	19.5	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.15	21.10	21.13			22.5	0
10	QPSK	1	25	21.08	21.12	21.01				
10	QPSK	1	49	21.11	21.08	21.03				
10	QPSK	25	0	20.10	20.15	20.26				
10	QPSK	25	12	20.00	20.10	20.17	21.5	1		
10	QPSK	25	25	19.94	20.08	20.14				
10	QPSK	50	0	20.20	20.25	20.21				
10	16QAM	1	0	20.13	20.00	20.18				
10	16QAM	1	25	20.11	20.14	20.04	21.5	1		
10	16QAM	1	49	20.05	20.17	19.96				
10	16QAM	25	0	18.99	19.06	19.21				
10	16QAM	25	12	18.98	19.02	19.08				
10	16QAM	25	25	19.00	19.09	19.15	20.5	2		
10	16QAM	50	0	19.21	19.22	19.12				
10	64QAM	1	0	19.13	19.14	19.23				
10	64QAM	1	25	18.94	19.21	19.21				
10	64QAM	1	49	19.15	19.23	19.17	20.5	2		
10	64QAM	25	0	18.04	18.19	18.17				
10	64QAM	25	12	18.05	18.13	18.01				
10	64QAM	25	25	18.14	17.96	18.19				
10	64QAM	50	0	18.03	18.31	18.04	19.5	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.12	21.05	21.12			22.5	0
5	QPSK	1	12	21.07	21.01	21.11				
5	QPSK	1	24	21.15	21.10	21.10				
5	QPSK	12	0	19.97	20.26	20.23				
5	QPSK	12	7	20.03	20.18	20.06	21.5	1		
5	QPSK	12	13	19.97	20.10	20.09				
5	QPSK	25	0	20.07	20.18	20.16				
5	16QAM	1	0	20.04	20.10	20.19				
5	16QAM	1	12	20.02	20.10	20.12	21.5	1		
5	16QAM	1	24	20.05	20.14	19.97				
5	16QAM	12	0	19.05	19.09	19.15				
5	16QAM	12	7	18.87	19.15	19.05				
5	16QAM	12	13	18.90	19.11	19.22	20.5	2		
5	16QAM	25	0	19.14	19.21	19.06				
5	64QAM	1	0	19.10	19.17	19.33				
5	64QAM	1	12	19.01	19.22	19.17				
5	64QAM	1	24	18.12	19.15	19.18	20.5	2		
5	64QAM	12	0	18.00	18.12	18.30				
5	64QAM	12	7	18.10	18.18	17.97				
5	64QAM	12	13	18.09	18.02	18.17				
5	64QAM	25	0	18.05	18.25	18.10	19.5	3		
Channel										
Frequency (MHz)										
20	QPSK	1	0	21.22	21.28	21.24			22.5	0
20	QPSK	1	49	21.16	21.17	21.13				
20	QPSK	1	99	21.19	21.15	21.15				
20	QPSK	50	0	20.14	20.30	20.28				
20	QPSK	50	24	20.16	20.25	20.16	21.5	1		
20	QPSK	50	50	20.09	20.18	20.23				
20	QPSK	100	0	20.22	20.28	20.26				
20	QPSK	100	24	20.20	20.16	20.32				
20	16QAM	1	0	20.19	20.27	20.16	21.5	1		
20	16QAM	1	49	20.22	20.25	20.14				
20	16QAM	50	0	19.08	19.22	19.32				
20	16QAM	50	24	19.04	19.18	19.22				
20	16QAM	50	50	19.05	19.19	19.21	20.5	2		
20	16QAM	100	0	19.26	19.37	19.31				
20	16QAM	100	0	19.22	19.27	19.39				
20	16QAM	1	49	18.11	18.30	18.24				
20	64QAM	1	99	18.24	18.32	18.21	20.5	2		
20	64QAM	50	0	18.14	18.28	18.33				
20	64QAM	50	24	18.15	18.23	18.12				
20	64QAM	50	50	18.19	18.10	18.34				
20	64QAM	100	0	18.16	18.37	18.21	19.5	3		
Channel										
Frequency (MHz)										
15	QPSK	1	0	21.23	21.16	21.09			22.5	0
15	QPSK	1	37	21.01	20.99	21.02				
15	QPSK	1	74	21.08	20.99	21.02				
15	QPSK	36	0	19.86	20.21	20.22				
15	QPSK	36	20	20.00	20.16	20.03	21.5	1		
15	QPSK	36	39	20.06	20.06	20.11				
15	QPSK	75	0	20.16	20.25	20.12				
15	16QAM	1	0	20.09	20.04	20.16				
15	16QAM	1	37	20.08	20.24	20.01	21.5	1		
15	16QAM	1	74	20.16	20.08	19.96				
15	16QAM	36	0	18.96	19.18	19.24				
15	16QAM	36	20	19.01	19.08	19.13				
15	16QAM	36	39	19.00	19.16	19.24	20.5	2		
15	16QAM	75	0	19.24	19.25	19.14				
15	64QAM	1	0	19.16	19.17	19.28				
15	64QAM	1	37	19.04	19.24	19.19				
15	64QAM	1	74	19.06	19.26	19.10	20.5	2		
15	64QAM	36	0	18.01	18.25	18.23				
15	64QAM	36	20	18.07	18.11	18.02				
15	64QAM	36	39	18.05	18.05	18.23				
15	64QAM	75	0	18.08	18.21	18.04	19.5	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	21.15	21.10	21.13			22.5	0
10	QPSK	1	25	21.08	21.12	21.01				
10	QPSK	1	49	21.11	21.08	21.03				
10	QPSK	25	0	20.10	20.15	20.26				
10	QPSK	25	12	20.00	20.10	20.17	21.5	1		
10	QPSK	25	25	19.94	20.08	20.14				
10	QPSK	50	0	20.20	20.25	20.21				
10	16QAM	1	0	20.13	20.00	20.18				
10	16QAM	1	25	20.11	20.14	20.04	21.5	1		
10	16QAM	1	49	20.05	20.17	19.96				
10	16QAM	25	0	18.99	19.06	19.21				
10	16QAM	25	12	18.98	19.02	19.08				
10	16QAM	25	25	19.00	19.09	19.15	20.5	2		
10	16QAM	50	0	19.21	19.22	19.12				
10	64QAM	1	0	19.13	19.14	19.23				
10	64QAM	1	25	18.94	19.21	19.21				
10	64QAM	1	49	19.15	19.23	19.17	20.5	2		
10	64QAM	25	0	18.04	18.19	18.17				
10	64QAM	25	12	18.05	18.13	18.01				
10	64QAM	25	25	18.14	17.96	18.19				
10	64QAM	50	0	18.03	18.31	18.04	19.5	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.12	21.05	21.12			22.5	0
5	QPSK	1	12	21.07	21.01	21.11				
5	QPSK	1	24	21.15						



Band 14_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									
Frequency (MHz)									
10	QPSK	1	0	22.86	22.86	22.86	24	0	
10	QPSK	1	25	22.86	22.86	22.86			
10	QPSK	1	49	22.86	22.86	22.86	23	1	
10	QPSK	25	0	21.86	21.86	21.86			
10	QPSK	25	12	21.85	21.85	21.85	23	1	
10	QPSK	25	25	21.82	21.82	21.82			
10	QPSK	50	0	21.85	21.85	21.85	23	1	
10	16QAM	1	0	22.06	22.06	22.06			
10	16QAM	1	25	22.04	22.04	22.04	22	2	
10	16QAM	1	49	21.99	21.99	21.99			
10	16QAM	25	0	20.88	20.88	20.88	22	2	
10	16QAM	25	12	20.85	20.85	20.85			
10	16QAM	25	25	20.82	20.82	20.82	22	2	
10	16QAM	50	0	20.83	20.83	20.83			
10	64QAM	1	0	20.95	20.95	20.95	22	2	
10	64QAM	1	25	21.02	21.02	21.02			
10	64QAM	1	49	20.97	20.97	20.97	21	3	
10	64QAM	25	0	19.85	19.85	19.85			
10	64QAM	25	12	19.83	19.83	19.83	21	3	
10	64QAM	25	25	19.81	19.81	19.81			
10	64QAM	50	0	19.82	19.82	19.82			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.64	22.77	22.73	24	0	
5	QPSK	1	12	22.66	22.72	22.73			
5	QPSK	1	24	22.69	22.71	22.69	23	1	
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	21.56	21.58			
5	QPSK	25	0	21.71	21.67	21.68	23	1	
5	16QAM	1	0	21.81	21.89	21.88			
5	16QAM	1	12	21.84	21.97	21.98	23	1	
5	16QAM	1	24	21.73	21.84	21.82			
5	16QAM	12	0	20.75	20.84	20.68	22	2	
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	22	2	
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	21	3	
5	64QAM	12	13	19.65	19.64	19.58			
5	64QAM	25	0	19.69	19.77	19.55			

Band 17_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									
Frequency (MHz)									
10	QPSK	1	0	22.74	22.80	22.71	24	0	
10	QPSK	1	25	22.74	22.77	22.65			
10	QPSK	1	49	22.58	22.69	22.56	23	1	
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	23	1	
10	16QAM	1	0	21.85	21.98	21.94			
10	16QAM	1	25	21.84	21.94	21.81	23	1	
10	16QAM	1	49	21.82	21.86	21.83			
10	16QAM	25	0	20.66	20.79	20.70	22	2	
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	22	2	
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	21	3	
10	64QAM	25	25	19.73	19.75	19.67			
10	64QAM	50	0	19.68	19.77	19.67			
Channel									
Frequency (MHz)									
5	QPSK	1	0	22.68	22.75	22.63	24	0	
5	QPSK	1	12	22.68	22.73	22.60			
5	QPSK	1	24	22.42	22.52	22.50	23	1	
5	QPSK	12	0	21.66	21.70	21.55			
5	QPSK	12	7	21.46	21.58	21.45	23	1	
5	QPSK	12	13	21.52	21.56	21.58			
5	QPSK	25	0	21.70	21.65	21.57	23	1	
5	16QAM	1	0	21.81	21.95	21.86			
5	16QAM	1	12	21.82	21.78	21.70	23	1	
5	16QAM	1	24	21.65	21.81	21.78			
5	16QAM	12	0	20.55	20.71	20.59	22	2	
5	16QAM	12	7	20.47	20.63	20.49			
5	16QAM	12	13	20.49	20.65	20.49	22	2	
5	16QAM	25	0	20.67	20.67	20.69			
5	64QAM	1	0	20.67	20.80	20.64	22	2	
5	64QAM	1	12	20.66	20.74	20.75			
5	64QAM	1	24	20.62	20.61	20.70	21	3	
5	64QAM	12	0	19.61	19.66	19.66			
5	64QAM	12	7	19.65	19.58	19.55	21	3	
5	64QAM	12	13	19.62	19.64	19.54			
5	64QAM	25	0	19.59	19.60	19.64			

Band 25_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									
Frequency (MHz)									
20	QPSK	1	0	19.29	19.30	19.24	21	0	
20	QPSK	1	49	19.18	19.30	19.12			
20	QPSK	1	99	19.18	19.25	19.14	20	1	
20	QPSK	50	0	18.46	18.49	18.32			
20	QPSK	50	24	18.43	18.42	18.28	20	1	
20	QPSK	50	50	18.35	18.37	18.22			
20	QPSK	100	0	18.52	18.53	18.37	20	1	
20	16QAM	1	0	18.25	18.31	18.22			
20	16QAM	1	49	18.13	18.33	18.10	20	1	
20	16QAM	1	99	18.24	18.27	18.19			
20	16QAM	50	0	17.51	17.47	17.28	19	2	
20	16QAM	50	24	17.40	17.41	17.28			
20	16QAM	50	50	17.31	17.32	17.23	19	2	
20	16QAM	100	0	17.49	17.48	17.34			
20	64QAM	1	0	17.31	17.36	17.20	19	2	
20	64QAM	1	49	17.16	17.33	17.15			
20	64QAM	1	99	17.23	17.33	17.21	19	2	
20	64QAM	50	0	16.47	16.44	16.31			
20	64QAM	50	24	16.36	16.42	16.24	18	3	
20	64QAM	50	50	16.27	16.33	16.21			
20	64QAM	100	0	16.51	16.48	16.38			
Channel									
Frequency (MHz)									
15	QPSK	1	0	19.20	19.30	19.18	21	0	
15	QPSK	1	37	19.01	19.26	19.07			
15	QPSK	1	74	19.02	19.08	19.08	20	1	
15	QPSK	38	0	18.31	18.32	18.20			
15	QPSK	38	20	18.32	18.33	18.26	20	1	
15	QPSK	38	38	18.29	18.33	18.19			
15	QPSK	75	0	18.40	18.37	18.26	20	1	
15	16QAM	1	0	18.19	18.14	18.12			
15	16QAM	1	37	18.16	18.20	18.14	20	1	
15	16QAM	1	74	18.21	18.19	18.17			
15	16QAM	36	0	17.49	17.40	17.25	19	2	
15	16QAM	36	20	17.30	17.30	17.20			
15	16QAM	36	38	17.19	17.29	17.13	19	2	
15	16QAM	75	0	17.31	17.35	17.23			
15	64QAM	1	0	17.24	17.31	17.06	19	2	
15	64QAM	1	37	17.04	17.28	17.04			
15	64QAM	1	74	17.13	17.16	17.07	18	3	
15	64QAM	36	0	16.31	16.34	16.27			
15	64QAM	36	20	16.23	16.29	16.21	18	3	
15	64QAM	36	38	16.11	16.17	16.12			
15	64QAM	75	0	16.42	16.45	16.45			
Channel									
Frequency (MHz)									
10	QPSK	1	0	19.15	19.26	19.16	21	0	
10	QPSK	1	25	19.06	19.22	19.06			
10	QPSK	1	49	19.14	19.07	19.09	20	1	
10	QPSK	25	0	18.41	18.41	18.19			
10	QPSK	25	12	18.35	18.25	18.24	20	1	
10	QPSK	25	25	18.20	18.19	18.16			
10	QPSK	50	0	18.46	18.35				



Band 26_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										
Frequency (MHz)										
15	QPSK	1	0	22.85	22.89	22.90	24	0		
15	QPSK	1	37	22.74	22.86	22.84				
15	QPSK	1	74	22.66	22.72	22.63				
15	QPSK	36	0	21.79	21.84	21.78				
15	QPSK	36	20	21.67	21.78	21.64				
15	QPSK	36	39	21.71	21.77	21.73	23	1		
15	QPSK	75	0	21.82	21.88	21.78				
15	16QAM	1	0	21.99	22.05	21.92				
15	16QAM	1	37	22.07	22.06	22.04				
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				
15	16QAM	75	0	20.67	20.77	20.72				
15	16QAM	1	0	20.85	20.96	20.91				
15	64QAM	1	37	20.84	20.93	20.80	22	2		
15	64QAM	1	74	20.76	20.79	20.65				
15	64QAM	36	0	19.69	19.79	19.67				
15	64QAM	36	20	19.78	19.84	19.72				
15	64QAM	36	39	19.71	19.75	19.62				
15	64QAM	75	0	19.69	19.81	19.78	21	3		
Channel										
Frequency (MHz)										
10	QPSK	1	0	22.71	22.83	22.75			24	0
10	QPSK	1	25	22.65	22.76	22.75				
10	QPSK	1	49	22.54	22.59	22.54				
10	QPSK	25	0	21.71	21.88	21.72				
10	QPSK	25	12	21.65	21.82	21.60				
10	QPSK	25	25	21.60	21.87	21.66	23	1		
10	QPSK	50	0	21.78	21.72	21.68				
10	16QAM	1	0	21.91	21.95	21.89				
10	16QAM	1	25	21.97	21.91	21.88				
10	16QAM	1	49	21.70	21.87	21.75				
10	16QAM	25	0	20.62	20.79	20.75	22	2		
10	16QAM	25	12	20.71	20.66	20.66				
10	16QAM	25	25	20.61	20.73	20.52				
10	16QAM	50	0	20.52	20.61	20.57				
10	64QAM	1	0	20.79	20.91	20.78				
10	64QAM	1	25	20.77	20.87	20.87	22	2		
10	64QAM	1	49	20.66	20.68	20.50				
10	64QAM	25	0	19.52	19.76	19.49				
10	64QAM	25	12	19.59	19.72	19.60				
10	64QAM	25	25	19.56	19.68	19.59				
10	64QAM	50	0	19.57	19.73	19.79	21	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	22.81	22.83	22.72			24	0
5	QPSK	1	12	22.61	22.83	22.72				
5	QPSK	1	24	22.64	22.80	22.81				
5	QPSK	12	0	21.74	21.79	21.65				
5	QPSK	12	7	21.63	21.69	21.52				
5	QPSK	12	13	21.60	21.66	21.69	23	1		
5	QPSK	25	0	21.65	21.71	21.72				
5	16QAM	1	0	21.98	21.92	21.82				
5	16QAM	1	12	21.89	21.95	21.89				
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				
5	16QAM	25	0	20.61	20.65	20.70				
5	64QAM	1	0	20.77	20.33	20.83				
5	64QAM	1	12	20.80	20.81	20.64	22	2		
5	64QAM	1	24	20.63	20.62	20.61				
5	64QAM	12	0	19.59	19.69	19.57				
5	64QAM	12	7	19.58	19.79	19.66				
5	64QAM	12	13	19.55	19.67	19.46				
5	64QAM	25	0	19.55	19.73	19.71	21	3		
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				
3	QPSK	8	0	21.75	21.79	21.66				
3	QPSK	8	4	21.63	21.69	21.53				
3	QPSK	8	7	21.54	21.73	21.61	23	1		
3	QPSK	15	0	21.72	21.73	21.75				
3	16QAM	1	0	21.96	22.03	21.79				
3	16QAM	1	8	21.86	21.93	21.94				
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				
3	16QAM	15	0	20.60	20.68	20.56				
3	64QAM	1	0	20.69	20.80	20.87				
3	64QAM	1	8	20.72	20.83	20.66	22	2		
3	64QAM	1	14	20.59	20.63	20.55				
3	64QAM	8	0	19.66	19.85	19.56				
3	64QAM	8	4	19.73	19.74	19.64				
3	64QAM	8	7	19.67	19.61	19.58				
3	64QAM	15	0	19.62	19.74	19.71	21	3		
Channel										
Frequency (MHz)										
1.4	QPSK	1	0	22.85	22.70	22.84			24	0
1.4	QPSK	1	3	22.54	22.66	22.76				
1.4	QPSK	1	5	22.48	22.59	22.52				
1.4	QPSK	3	0	22.63	22.68	22.61				
1.4	QPSK	3	1	22.54	22.72	22.51				
1.4	QPSK	3	1	22.59	22.92	22.64	23	1		
1.4	QPSK	6	0	21.65	21.76	21.62				
1.4	16QAM	1	0	21.86	21.93	21.87				
1.4	16QAM	1	3	21.90	21.88	21.97				
1.4	16QAM	1	5	21.65	21.87	21.73				
1.4	16QAM	3	0	21.67	21.75	21.67	23	1		
1.4	16QAM	3	1	21.54	21.67	21.56				
1.4	16QAM	3	3	21.63	21.56	21.64				
1.4	16QAM	6	0	20.87	20.65	20.66				
1.4	64QAM	1	0	20.74	20.82	20.82				
1.4	64QAM	1	3	20.70	20.88	20.66	22	2		
1.4	64QAM	1	5	20.65	20.75	20.51				
1.4	64QAM	3	0	20.61	20.75	20.61				
1.4	64QAM	3	1	20.57	20.78	20.67				
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_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										
Frequency (MHz)										
10	QPSK	1	0	21.44	21.44	21.44	22.5	0		
10	QPSK	1	25	21.42	21.42	21.42				
10	QPSK	1	49	21.35	21.35	21.35				
10	QPSK	25	0	20.22	20.22	20.22				
10	QPSK	25	12	20.17	20.17	20.17				
10	QPSK	25	25	20.20	20.20	20.20	21.5	1		
10	QPSK	50	0	20.27	20.27	20.27				
10	16QAM	1	0	20.47	20.43	20.43				
10	16QAM	1	25	20.43	20.43	20.43				
10	16QAM	1	49	20.34	20.34	20.34				
10	16QAM	25	0	19.23	19.23	19.23	20.5	2		
10	16QAM	25	12	19.17	19.17	19.17				
10	16QAM	25	25	19.16	19.16	19.16				
10	16QAM	50	0	19.25	19.25	19.25				
10	64QAM	1	0	19.51	19.51	19.51				
10	64QAM	1	25	19.47	19.47	19.47	20.5	2		
10	64QAM	1	49	19.34	19.34	19.34				
10	64QAM	25	0	18.28	18.28	18.28				
10	64QAM	25	12	18.13	18.13	18.13				
10	64QAM	25	25	18.11	18.11	18.11				
10	64QAM	50	0	18.27	18.27	18.27	19.5	3		
Channel										
Frequency (MHz)										
5	QPSK	1	0	21.30	21.41	21.35			22.5	0
5	QPSK	1	12	21.39	21.38	21.33				
5	QPSK	1	24	21.21	21.33	21.29				
5	QPSK	12	0	20.12	20.27	20.16				
5	QPSK	12	7	20.03	20.13	20.10				
5	QPSK	12	13	20.17	20.22	20.13	21.5	1		
5	QPSK	25	0	20.08	20.24	20.12				
5	16QAM	1	0	20.34	20.46	20.43				
5	16QAM	1	12	20.33	20.37	20.40				
5	16QAM	1	24	20.24	20.30	20.29				
5	16QAM	12	0	19.19	19.23	19.12	20.5	2		
5	16QAM	12	7	19.04	19.19	19.19				
5	16QAM	12	13	19.04	19.17	19.05				
5	16QAM	25	0	19.12	19.24	19.17				
5	64QAM	1	0	19.41	19.53	19.53				
5	64QAM	1	12	19.40	19.51	19.38	20.5	2		
5	64QAM	1	24	19.33	19.32	19.26				
5	64QAM	12	0	18.18	18.28	18.22				
5	64QAM	12	7	18.05	18.11	17.99				
5	64QAM	12	13	18.08	18.16	18.06				
5	64QAM	25	0	18.24	18.33	18.24	19.5	3		

Band 66_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								
Frequency (MHz)								
20	QPSK	1	0	19.83	19.90	19.70		



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		
Frequency (MHz)				673	683	693		
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	20.86	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		
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		
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	20.85	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		
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	20.81		
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	20.88	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	19.78	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_DSII 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													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1870	1880	1910		
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	17.17											
20	QPSK	100	0	17.31	17.32	17.22											
20	16QAM	1	0	17.23	17.25	17.09	18.5	1									
20	16QAM	1	49	16.88	17.13	17.16											
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	17.5	2									
20	16QAM	50	50	16.21	16.24	16.09											
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	16.24	16.18	16.08											
20	64QAM	50	0	15.30	15.35	15.24											
20	64QAM	50	24	15.34	15.18	15.21											
20	64QAM	50	50	15.13	15.31	15.07	16.5	3									
20	64QAM	100	0	15.33	15.27	15.11											
Channel													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1875	1890	1915		
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	18.5	1									
15	16QAM	1	37	16.86	16.99	17.00											
15	16QAM	1	74	16.95	17.03	17.02											
15	16QAM	36	0	16.12	16.24	16.04	17.5	2									
15	16QAM	36	20	16.11	16.21	16.09											
15	16QAM	36	39	16.14	16.17	16.03											
15	16QAM	75	0	16.18	16.26	16.05											
15	64QAM	1	0	16.13	16.16	16.01	17.5	2									
15	64QAM	1	37	15.86	16.00	15.93											
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	15.11											
15	64QAM	75	0	15.23	15.23	15.04											
Channel													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1885	1890	1915		
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	17.14	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	18.5	1									
10	16QAM	1	25	16.84	17.00	17.06											
10	16QAM	1	49	16.92	17.13	17.01											
10	16QAM	25	0	16.24	16.30	16.00	17.5	2									
10	16QAM	25	12	16.14	16.15	16.05											
10	16QAM	25	25	16.05	16.17	16.01											
10	16QAM	50	0	16.14	16.31	16.13											
10	64QAM	1	0	16.16	16.09	16.09	17.5	2									
10	64QAM	1	25	16.05	16.00	15.93											
10	64QAM	1	49	15.88	16.14	15.98											
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													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1882.5	1890	1917.5		
5	QPSK	1	0	18.02	18.06	18.02	19.5	0									
5	QPSK	1	12	17.91	18.03	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											
5	16QAM	1	0	17.16	17.22	16.92	18.5	1									
5	16QAM	1	12	16.87	16.99	17.04											
5	16QAM	1	24	17.04	17.04	16.97											
5	16QAM	12	0	16.14	16.24	16.14	17.5	2									
5	16QAM	12	7	16.18	16.04	15.97											
5	16QAM	12	13	16.07	16.14	16.06											
5	16QAM	25	0	16.10	16.22	16.03											
5	64QAM	1	0	16.16	16.02	16.03	17.5	2									
5	64QAM	1	12	15.82	15.97	16.05											
5	64QAM	1	24	16.00	16.10	16.02											
5	64QAM	12	0	15.06	15.28	15.15	16.5	3									
5	64QAM	12	7	15.07	15.13	15.19											
5	64QAM	12	13	15.04	15.24	15.11											
5	64QAM	25	0	15.23	15.23	15.02											
Channel													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1881.5	1890	1918.5		
3	QPSK	1	0	18.04	18.19	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											
3	16QAM	1	0	17.18	17.09	16.98	18.5	1									
3	16QAM	1	8	16.92	17.05	17.10											
3	16QAM	1	14	16.95	17.12	17.03											
3	16QAM	8	0	16.19	16.25	16.01	17.5	2									
3	16QAM	8	4	16.18	16.06	15.97											
3	16QAM	8	7	16.15	16.07	16.01											
3	16QAM	15	0	16.10	16.21	16.13											
3	64QAM	1	0	16.22	16.06	16.00	17.5	2									
3	64QAM	1	8	15.86	16.08	16.00											
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	15.21	15.18	15.07											
Channel													Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)													1880.7	1890	1903.3		
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	0	18.22	18.15	18.06											
1.4	QPSK	3	1	18.15	18.13	18.06											
1.4	QPSK	3	3	18.08	18.09	18.01	18.5	1									
1.4	QPSK	6	0	17.28	17.24	17.05											
1.4	16QAM	1	0	17.20	17.23	16.95											
1.4	16QAM	1	9	17.03	17.03	17.04	18.5	1									
1.4	16QAM	1	5	17.03	17.02	17.00											
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	15.93	16.05	16.02	17.5	2									
1.4	64QAM	1	5	15.91	16.15	15.99											
1.4	64QAM	3	0	16.15	16.01	15.96											
1.4	64QAM	3	1	16.23	16.12	16.19											
1.4	64QAM	3	3	16.07	16.21	15.99	16.5	3									
1.4	64QAM</																



Band 13_Default&DS2I 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							2330	
Frequency (MHz)							732	
10	QPSK	1	0	22.07	22.07	22.07	24	0
10	QPSK	1	25	23.04	23.04	23.04		
10	QPSK	1	49	22.95	22.95	22.95	23	1
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		
10	QPSK	50	0	21.99	21.99	21.99		
10	16QAM	1	0	22.13	22.13	22.13	23	1
10	16QAM	1	25	22.02	22.02	22.02		
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	20.87	20.87	20.87		
10	16QAM	50	0	21.08	21.08	21.08		
10	64QAM	1	25	21.09	21.09	21.09	22	2
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							2320	
Frequency (MHz)							732	
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		
5	QPSK	12	13	21.88	21.98	21.99		
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	23	1
5	16QAM	12	0	20.73	20.78	20.77		
5	16QAM	12	7	20.69	20.88	20.96		
5	16QAM	12	13	20.99	20.97	20.99		
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		
5	64QAM	1	24	20.86	20.83	20.84	22	2
5	64QAM	12	0	19.79	19.73	19.73		
5	64QAM	12	7	19.89	19.91	19.87		
5	64QAM	12	13	19.88	19.85	20.02		
5	64QAM	25	0	19.85	19.80	19.81		

Band 25_DS2I 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							2614	
Frequency (MHz)							1820	
20	QPSK	1	0	18.23	18.23	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	18.5	1
20	QPSK	50	0	17.29	17.36	17.16		
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		
20	16QAM	1	0	17.19	17.21	17.20	18.5	1
20	16QAM	1	49	17.17	17.32	17.17		
20	16QAM	1	99	17.01	17.24	17.13		
20	16QAM	50	0	16.27	16.30	16.13	17.5	2
20	16QAM	50	24	16.19	16.30	16.17		
20	16QAM	50	50	16.24	16.34	16.10		
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							2615	
Frequency (MHz)							1807.5	
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	18.5	1
15	QPSK	36	0	17.14	17.27	17.04		
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		
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	16.14	16.23	16.06		
15	16QAM	36	39	16.16	16.24	16.04		
15	16QAM	75	0	16.08	16.31	16.19		
15	64QAM	1	0	16.08	16.05	16.11		
15	64QAM	1	37	16.05	16.27	15.99		
15	64QAM	1	74	16.04	16.07	15.99	17.5	2
15	64QAM	36	0	15.28	15.16	15.08		
15	64QAM	36	20	15.05	15.29	15.19		
15	64QAM	36	39	15.02	15.17	15.08	16.5	3
15	64QAM	75	0	15.09	15.36	15.15		
15	64QAM	75	0	15.15	15.36	15.15		
Channel							2600	
Frequency (MHz)							1855	
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	18.5	1
10	QPSK	25	0	17.18	17.21	17.13		
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		
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	18.5	1
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		
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		
10	64QAM	1	49	15.94	16.05	15.85	17.5	2
10	64QAM	25	0	15.25	15.11	15.16		
10	64QAM	25	12	15.10	15.30	15.03		
10	64QAM	25	25	15.05	15.27	15.03		
10	64QAM	50	0	15.01	15.30	15.15		

Band 26_DS2I 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							2675	
Frequency (MHz)							831.5	
15	QPSK	1	0	21.12	21.36	21.17	22.5	0
15	QPSK	1	37	21.12	21.19	21.19		
15	QPSK	1	74	21.10	21.20	21.08	21.5	1
15	QPSK	36	0	20.18	20.33	20.14		
15	QPSK	36	20	20.10	20.28	20.08		
15	QPSK	36	39	20.12	20.19	20.13		
15	QPSK	75	0	20.11	20.13	20.10		
15	16QAM	1	0	20.04	20.19	20.17		
15	16QAM	1	37	20.14	20.23	20.26		
15	16QAM	1	74	20.04	20.22	20.15	21.5	1
15	16QAM	36	0	19.34	19.28	19.08		
15	16QAM	36	20	19.09	19.38	19.10		
15	16QAM	36	39	19.17	19.24	19.09		
15	16QAM	75	0	19.23	19.16	19.04		
15	64QAM	1	0	19.09	19.20	19.26		
15	64QAM	1	37	19.16	19.08	19.37		
15	64QAM	1	74	19.07	19.33	19.30	20.5	2
15	64QAM	36	0	18.26	18.31	18.14		
15	64QAM	36	20	18.16	18.35	18.16		
15	64QAM	36	39	18.20	18.31	18.19		
15	64QAM	75	0	18.02	18.21	18.12		
15	64QAM	1	0	19.09	19.20	19.26		
15	64QAM	1	37	19.16	19.08	19.37		
15	64QAM	1	74	19.07	19.33	19.30	19.5	3
15	64QAM	36	0	18.26	18.31	18.14		
15	64QAM	36	20	18.16	18.35	18.16		
15	64QAM	36	39	18.20	18.31	18.19		
15	64QAM	75	0	18.02	18.21	18.12		
15	64QAM	1	0	19.09	19.20	19.26		
15	64QAM	1	37	19.16	19.08	19.37		
15	64QAM	1	74	19.07	19.33	19.30		
15	64QAM	36	0	18.26	18.31	18.14	20.5	2
15	64QAM	36	20	18.16	18.35	18.16		
15	64QAM	36	39	18.20	18.31	18.19		
15	64QAM	75	0	18.02	18.21	18.12		
15	64QAM	1	0	19.09	19.20	19.26		
15	64QAM	1	37	19.16	19.08	19.37		
15	64QAM	1	74	19.07	19.33	19.30		
15	64QAM	36	0	18.26	18.31	18.14	19.5	3
15	64QAM	36	20	18.16	18.35	18.16		
15	64QAM							



Band 66_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				132072	1745	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	19	1
20	QPSK	50	24	17.97	18.04	17.93		
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	19	1
20	16QAM	1	49	17.86	18.08	17.82		
20	16QAM	1	99	17.83	18.01	17.76		
20	16QAM	50	0	17.10	16.99	16.94	18	2
20	16QAM	50	24	16.89	16.95	17.02		
20	16QAM	50	50	16.94	16.96	16.86		
20	16QAM	100	0	17.10	17.17	16.99		
20	64QAM	1	0	16.88	17.01	16.97	18	2
20	64QAM	1	49	16.83	16.99	16.84		
20	64QAM	1	99	16.84	16.95	16.79		
20	64QAM	50	0	16.10	15.94	15.84	17	3
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		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	18.82	18.96	18.87	20	0
15	QPSK	1	37	18.75	18.85	18.68		
15	QPSK	1	74	18.79	18.90	18.73		
15	QPSK	36	0	17.87	17.95	17.85	19	1
15	QPSK	36	20	17.91	17.91	17.75		
15	QPSK	36	39	17.90	17.89	17.83		
15	QPSK	75	0	17.98	18.06	17.96	19	1
15	16QAM	1	0	17.74	17.84	17.86		
15	16QAM	1	37	17.75	17.98	17.88	18	2
15	16QAM	1	74	17.77	17.92	17.81		
15	16QAM	36	0	16.98	16.87	16.78	17	3
15	16QAM	36	20	16.76	16.90	16.82		
15	16QAM	36	39	16.83	16.88	16.80		
15	16QAM	75	0	17.03	17.04	16.97	18	2
15	64QAM	1	0	16.78	16.85	16.80		
15	64QAM	1	37	16.77	16.97	16.80	17	3
15	64QAM	1	74	16.78	16.86	16.74		
15	64QAM	36	0	15.84	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		
Channel				132922	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	18.88	18.91	18.88	20	0
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	19	1
10	QPSK	25	12	17.85	17.89	17.78		
10	QPSK	25	25	17.89	17.88	17.76		
10	QPSK	50	0	17.87	18.03	17.95	19	1
10	16QAM	1	0	17.74	17.82	17.86		
10	16QAM	1	25	17.70	17.90	17.87	18	2
10	16QAM	1	49	17.78	17.91	17.88		
10	16QAM	25	0	16.94	16.96	16.90	17	3
10	16QAM	25	12	16.81	16.84	16.90		
10	16QAM	25	25	16.86	16.91	16.79		
10	16QAM	50	0	16.93	17.01	16.90		
10	64QAM	1	0	16.71	16.93	16.87	18	2
10	64QAM	1	25	16.79	16.86	16.78		
10	64QAM	1	49	16.72	16.86	16.67	17	3
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		
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	18.78	18.96	18.85	20	0
5	QPSK	1	12	18.74	18.93	18.88		
5	QPSK	1	24	18.79	18.93	18.70		
5	QPSK	12	0	17.98	17.91	17.91	19	1
5	QPSK	12	7	17.83	17.87	17.76		
5	QPSK	12	13	17.87	17.97	17.76		
5	QPSK	25	0	18.00	18.09	17.93	19	1
5	16QAM	1	0	17.79	17.84	17.86		
5	16QAM	1	12	17.82	17.93	17.73	18	2
5	16QAM	1	24	17.72	17.87	17.87		
5	16QAM	12	0	17.04	16.85	16.79	17	3
5	16QAM	12	7	16.71	16.92	16.99		
5	16QAM	12	13	16.87	16.83	16.74		
5	16QAM	25	0	16.94	17.00	16.93		
5	64QAM	1	0	16.81	16.92	16.80	18	2
5	64QAM	1	12	16.69	16.87	16.79		
5	64QAM	1	24	16.77	16.85	16.67	17	3
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		
Channel				131987	132322	132657		
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	18.82	18.89	18.88	20	0
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	19	1
3	QPSK	8	4	17.88	17.91	17.86		
3	QPSK	8	7	17.96	17.94	17.74		
3	QPSK	15	0	18.02	18.08	17.97	19	1
3	16QAM	1	0	17.72	17.86	17.91		
3	16QAM	1	8	17.83	17.95	17.70	18	2
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	17	3
3	16QAM	8	7	16.87	16.80	16.79		
3	16QAM	15	0	17.04	17.07	16.88		
3	64QAM	1	0	16.85	16.84	16.80	18	2
3	64QAM	1	8	16.80	16.81	16.69		
3	64QAM	1	14	16.71	16.89	16.66	17	3
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		
Channel				131979	132322	132659		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	18.78	18.95	18.86	20	0
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	19	1
1.4	QPSK	3	1	18.93	18.97	18.79		
1.4	QPSK	3	3	18.94	18.99	18.88		
1.4	QPSK	6	0	17.91	18.05	17.90	18	2
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	18	2
1.4	16QAM	3	3	17.89	17.90	17.84		
1.4	16QAM	6	0	17.02	17.08	16.90		
1.4	64QAM	1	0	16.72	16.93	16.81	17	3
1.4	64QAM	1	3	16.70	16.89	16.81		
1.4	64QAM	1	5	16.67	16.91	16.71		
1.4	64QAM	3	0	16.92	16.87	16.73		
1.4	64QAM	3	1	16.82	16.89	16.97		
1.4	64QAM	3	3	16.80	16.85	16.65		
1.4	64QAM	6	0	15.98	16.10	15.78		



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	17.51	17.81	17.55	19	0
20	QPSK	1	49	17.59	17.69	17.62		
20	QPSK	1	99	17.57	17.62	17.57		
20	QPSK	50	0	16.76	16.83	16.89		
20	QPSK	50	24	16.70	16.75	16.81	18	1
20	QPSK	50	50	16.73	16.77	16.80		
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	16.59	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	15.81	15.67	15.55	17	2
20	16QAM	50	50	15.63	15.87	15.80		
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	15.74	15.51		
20	64QAM	50	0	14.74	14.54	14.76		
20	64QAM	50	24	14.60	14.59	14.82	16	3
20	64QAM	50	50	14.72	14.62	14.59		
20	64QAM	100	0	14.79	14.72	14.89		
Channel								
Frequency (MHz)								
15	QPSK	1	0	17.61	17.64	17.56	19	0
15	QPSK	1	37	17.51	17.63	17.51		
15	QPSK	1	74	17.50	17.45	17.51		
15	QPSK	36	0	16.69	16.79	16.66	18	1
15	QPSK	36	20	16.53	16.70	16.57		
15	QPSK	36	39	16.57	16.68	16.44		
15	QPSK	75	0	16.78	16.52	16.69	18	1
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	15.69	15.79	15.64	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	15.83	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	14.50	16	3
15	64QAM	36	39	14.62	14.76	14.62		
15	64QAM	75	0	14.64	14.64	14.59		
Channel								
Frequency (MHz)								
10	QPSK	1	0	17.51	17.61	17.55	19	0
10	QPSK	1	25	17.49	17.65	17.57		
10	QPSK	1	49	17.46	17.48	17.40		
10	QPSK	25	0	16.61	16.70	16.53	18	1
10	QPSK	25	12	16.54	16.62	16.56		
10	QPSK	25	25	16.58	16.73	16.57		
10	QPSK	50	0	16.48	16.56	16.56	18	1
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	15.89		
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	15.55	15.40	17	2
10	64QAM	1	25	15.49	15.63	15.55		
10	64QAM	1	49	15.29	15.65	15.38		
10	64QAM	25	0	14.71	14.77	14.71	16	3
10	64QAM	25	12	14.42	14.52	14.52		
10	64QAM	25	25	14.60	14.69	14.47		
10	64QAM	50	0	14.66	14.54	14.59		
Channel								
Frequency (MHz)								
5	QPSK	1	0	17.60	17.53	17.58	19	0
5	QPSK	1	12	17.62	17.85	17.54		
5	QPSK	1	24	17.54	17.53	17.42		
5	QPSK	12	0	16.70	16.89	16.84	18	1
5	QPSK	12	7	16.62	16.69	16.45		
5	QPSK	12	13	16.65	16.67	16.46		
5	QPSK	25	0	16.81	16.80	16.64		
5	16QAM	1	0	16.41	16.62	16.49	18	1
5	16QAM	1	12	16.48	16.58	16.48		
5	16QAM	1	24	16.36	16.39	16.49		
5	16QAM	12	0	15.65	15.82	15.87	17	2
5	16QAM	12	7	15.58	15.64	15.40		
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	17	2
5	64QAM	1	12	15.58	15.48	15.70		
5	64QAM	1	24	15.29	15.62	15.35		
5	64QAM	12	0	14.64	14.72	14.65	16	3
5	64QAM	12	7	14.49	14.63	14.49		
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	19	0
3	QPSK	1	8	17.48	17.56	17.45		
3	QPSK	1	14	17.43	17.59	17.45		
3	QPSK	8	0	16.62	16.75	16.66	18	1
3	QPSK	8	4	16.67	16.54	16.54		
3	QPSK	8	7	16.70	16.70	16.46		
3	QPSK	15	0	16.72	16.52	16.57		
3	16QAM	1	0	16.38	16.61	16.46	18	1
3	16QAM	1	8	16.42	16.62	16.45		
3	16QAM	1	14	16.33	16.51	16.46		
3	16QAM	8	0	15.59	15.70	15.65	17	2
3	16QAM	8	4	15.45	15.65	15.37		
3	16QAM	8	7	15.55	15.70	15.46		
3	16QAM	15	0	15.63	15.63	15.67	17	2
3	64QAM	1	0	15.53	15.56	15.37		
3	64QAM	1	8	15.55	15.54	15.80	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	19	0
1.4	QPSK	1	3	17.53	17.54	17.44		
1.4	QPSK	1	5	17.42	17.56	17.44		
1.4	QPSK	3	0	17.88	17.64	17.55		
1.4	QPSK	3	1	17.57	17.62	17.58	18	1
1.4	QPSK	3	3	17.57	17.63	17.43		
1.4	QPSK	6	0	16.79	16.53	16.54	18	1
1.4	16QAM	1	0	16.47	16.52	16.46		
1.4	16QAM	1	5	16.65	16.64	16.59	18	1
1.4	16QAM	1	3	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	17	2
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_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	19.67	19.73	19.63	21	0
20	QPSK	1	49	19.67	19.76	19.55		
20	QPSK	1	99	19.70	19.75	19.56		
20	QPSK	50	0	18.84	18.92	18.79	20	1
20	QPSK	50	24	18.75	18.83	18.73		
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	1
20	16QAM	1	49	18.93	18.97	18.58		
20	16QAM	1	99	18.96	18.77	18.54		
20	16QAM	50	0	17.92	17.87	17.73	19	2
20	16QAM	50	24	17.71	17.92	17.70		
20	16QAM	50	50	17.89	17.92	17.68		
20	16QAM	100	0					



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		
Frequency (MHz)				772				
10	QPSK	1	0	22.07	22.07	22.07	24	0
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	23	1
10	QPSK	25	25	22.06	22.06	22.06		
10	QPSK	50	0	21.99	21.99	21.99		
10	16QAM	1	0	22.13	22.13	22.13	23	1
10	16QAM	1	49	22.02	22.02	22.02		
10	16QAM	25	0	20.87	20.87	20.87		
10	16QAM	25	12	21.01	21.01	21.01	22	2
10	16QAM	25	25	21.09	21.09	21.09		
10	16QAM	50	0	20.87	20.87	20.87	22	2
10	16QAM	50	0	21.08	21.08	21.08		
10	64QAM	1	25	21.09	21.09	21.09	22	2
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	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		
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		
5	QPSK	12	7	21.88	21.93	21.90	23	1
5	QPSK	12	13	21.88	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	22	2
5	16QAM	12	7	20.89	20.88	20.96		
5	16QAM	12	13	20.99	20.97	20.99	22	2
5	16QAM	25	0	20.85	20.89	20.86		
5	64QAM	1	0	20.96	20.99	20.94	22	2
5	64QAM	1	12	20.87	21.01	20.95		
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		
5	64QAM	12	13	19.88	19.95	20.02		
5	64QAM	25	0	19.85	19.80	19.81		

Band 25_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				26140	26340	26590		
Frequency (MHz)				1830	1830	1830		
20	QPSK	1	0	17.75	17.75	17.73	19	0
20	QPSK	1	49	17.86	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	16.74	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	17	2
20	64QAM	1	49	15.55	15.80	15.65		
20	64QAM	1	99	15.64	15.63	15.82	16	3
20	64QAM	50	0	14.87	14.71	14.84		
20	64QAM	50	24	14.72	14.80	14.88	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		
Frequency (MHz)				1897.5	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	18	1
15	QPSK	36	0	16.74	16.83	16.57		
15	QPSK	36	20	16.65	16.72	16.54	18	1
15	QPSK	36	39	16.82	16.69	16.54		
15	QPSK	75	0	16.75	16.75	16.63		
15	16QAM	1	0	16.61	16.66	16.71	18	1
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	15.76	15.53	17	2
15	16QAM	36	39	15.70	15.74	15.87		
15	16QAM	75	0	15.66	15.88	15.64	17	2
15	64QAM	1	0	15.55	15.66	15.65		
15	64QAM	1	37	15.44	15.67	15.56	16	3
15	64QAM	1	74	15.53	15.52	15.48		
15	64QAM	36	0	14.81	14.65	14.52	16	3
15	64QAM	36	20	14.66	14.70	14.65		
15	64QAM	36	39	14.54	14.78	14.86		
15	64QAM	75	0	14.63	14.63	14.57		
Channel				26080	26340	26540		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	17.85	17.84	17.88	18	1
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		
10	QPSK	25	12	16.70	16.74	16.56	18	1
10	QPSK	25	25	16.63	16.71	16.54		
10	QPSK	50	0	16.69	16.96	16.84	18	1
10	16QAM	1	0	16.57	16.65	16.71		
10	16QAM	1	25	16.42	16.70	16.65	17	2
10	16QAM	1	49	16.52	16.46	16.50		
10	16QAM	25	0	15.73	15.86	15.64	17	2
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	15.81	15.56	15.54	16	3
10	64QAM	25	0	14.78	14.59	14.52		
10	64QAM	25	12	14.84	14.72	14.66	16	3
10	64QAM	25	25	14.65	14.70	14.62		
10	64QAM	50	0	14.59	14.66	14.59		
Channel				26085	26340	26655		
Frequency (MHz)				182.5	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	16.80		
5	QPSK	12	7	16.73	16.76	16.51	18	1
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	17	2
5	16QAM	1	24	16.58	16.51	16.52		
5	16QAM	12	0	15.80	15.70	15.54	17	2
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	17	2
5	64QAM	1	12	15.50	15.74	15.53		
5	64QAM	1	24	15.50	15.56	15.48	16	3
5	64QAM	12	0	14.80	14.66	14.57		
5	64QAM	12	7	14.69	14.74	14.51	16	3
5	64QAM	12	13	14.83	14.71	14.72		
5	64QAM	25	0	14.66	14.64	14.57		
Channel				26085	26340	26675		
Frequency (MHz)				1891.5	1880	1913.5		
3	QPSK	1	0	17.89	17.61	17.65	19	0
3	QPSK	1	8	17.63	17.59	17.66		
3	QPSK	1	14	17.53	17.49	17.52		
3	QPSK	8	0	16.74	16.76	16.57		
3	QPSK	8	4	16.69	16.67	16.44	18	1
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	17	2
3	16QAM	1	14	16.59	16.50	16.50		
3	16QAM	8	0	15.69	15.88	15.80	17	2
3	16QAM	8	4	15.73	15.76	15.		



Band 66_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				132072	1745	132572		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	19.81	19.88	19.97	21	0
20	QPSK	1	49	19.70	19.73	19.82		
20	QPSK	1	99	19.72	19.79	19.80		
20	QPSK	50	0	18.88	18.89	18.88		
20	QPSK	50	24	18.86	18.85	18.62		
20	QPSK	50	50	18.79	18.83	18.86	20	1
20	QPSK	100	0	18.79	18.86	18.83		
20	16QAM	1	0	18.79	18.91	18.70		
20	16QAM	1	49	18.76	18.74	18.55	20	1
20	16QAM	1	99	18.72	18.70	18.66		
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	17.84	17.82		
20	64QAM	50	0	16.90	16.79	16.79		
20	64QAM	50	24	16.81	16.71	16.89	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		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	19.74	19.84	19.58	21	0
15	QPSK	1	37	19.56	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	18.78	18.57		
15	QPSK	75	0	18.69	18.82	18.73		
15	16QAM	1	0	18.71	18.89	18.61		
15	16QAM	1	37	18.70	18.68	18.52	20	1
15	16QAM	1	74	18.69	18.61	18.60		
15	16QAM	36	0	17.75	17.66	17.63		
15	16QAM	36	20	17.70	17.68	17.48	19	2
15	16QAM	36	39	17.60	17.76	17.81		
15	16QAM	75	0	17.89	17.87	17.82		
15	64QAM	1	0	17.59	17.83	17.62	19	2
15	64QAM	1	37	17.71	17.64	17.66		
15	64QAM	1	74	17.64	17.62	17.56		
15	64QAM	36	0	16.82	16.75	16.72	18	3
15	64QAM	36	20	16.77	16.65	16.59		
15	64QAM	36	39	16.62	16.78	16.84		
15	64QAM	75	0	16.69	16.82	16.92		
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	19.79	19.80	19.84	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	18.60		
10	16QAM	1	0	18.67	18.88	18.66	20	1
10	16QAM	1	25	18.63	18.62	18.61		
10	16QAM	1	49	18.59	18.62	18.60		
10	16QAM	25	0	17.80	17.77	17.57		
10	16QAM	25	12	17.72	17.77	17.44	19	2
10	16QAM	25	25	17.56	17.80	17.54		
10	16QAM	50	0	17.68	17.85	17.88		
10	64QAM	1	0	17.58	17.79	17.60	19	2
10	64QAM	1	25	17.71	17.66	17.67		
10	64QAM	1	49	17.66	17.61	17.50		
10	64QAM	25	0	16.78	16.72	16.73	18	3
10	64QAM	25	12	16.73	16.60	16.61		
10	64QAM	25	25	16.53	16.78	16.65		
10	64QAM	50	0	16.67	16.78	16.90		
Channel				131997	132322	132647		
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		
5	16QAM	1	0	18.76	18.77	18.66		
5	16QAM	1	12	18.66	18.71	18.57	20	1
5	16QAM	1	24	18.70	18.66	18.60		
5	16QAM	12	0	17.76	17.73	17.62	19	2
5	16QAM	12	7	17.72	17.69	17.47		
5	16QAM	12	13	17.62	17.73	17.56		
5	16QAM	25	0	17.85	17.87	17.82		
5	64QAM	1	0	17.60	17.87	17.63	19	2
5	64QAM	1	12	17.65	17.61	17.66		
5	64QAM	1	24	17.62	17.56	17.50		
5	64QAM	12	0	16.80	16.71	16.66	18	3
5	64QAM	12	7	16.73	16.66	16.59		
5	64QAM	12	13	16.61	16.74	16.70		
5	64QAM	25	0	16.74	16.82	16.87		
Channel				131987	132322	132657		
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	18.63	18.76	18.56		
3	QPSK	8	7	18.73	18.79	18.53		
3	QPSK	15	0	18.71	18.73	18.71		
3	16QAM	1	0	18.69	18.80	18.62	20	1
3	16QAM	1	8	18.65	18.68	18.56		
3	16QAM	1	14	18.63	18.56	18.54		
3	16QAM	8	0	17.74	17.67	17.57		
3	16QAM	8	4	17.70	17.70	17.41	19	2
3	16QAM	8	7	17.64	17.70	17.60		
3	16QAM	15	0	17.70	17.87	17.80		
3	64QAM	1	0	17.60	17.86	17.64	19	2
3	64QAM	1	8	17.69	17.65	17.61		
3	64QAM	1	14	17.67	17.53	17.54		
3	64QAM	8	0	16.80	16.76	16.73	18	3
3	64QAM	8	4	16.76	16.58	16.63		
3	64QAM	8	7	16.53	16.78	16.67		
3	64QAM	15	0	16.74	16.83	16.83		
Channel				131973	132322	132669		
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	19.58	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	20	1
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	18.71	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	17.66	17.64		
1.4	64QAM	1	5	17.67	17.61	17.58		
1.4	64QAM	3	0	17.83	17.68	17.69		
1.4	64QAM	3	1	17.66	17.69	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_DSII Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	MPR (dB)	
Channel				18700	18900	19100		Tune-up limit (dBm)
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		
20	QPSK	50	24	15.16	15.24	15.10		
20	QPSK	50	50	15.18	15.25	15.08		
20	QPSK	100	0	15.23	15.35	15.17		
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		
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		
20	16QAM	100	0	14.22	14.30	14.09		
20	84QAM	1	0	14.11	14.00	14.07		
20	84QAM	1	49	14.07	14.20	13.98		
20	84QAM	1	99	14.07	14.16	13.90		
20	84QAM	50	0	13.18	13.19	13.24		
20	84QAM	50	24	13.15	13.27	13.11		
20	84QAM	50	50	13.05	13.18	13.18		
20	84QAM	100	0	13.20	13.23	13.13		
Channel				18675	18900	19125	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5		Tune-up limit (dBm)
15	QPSK	1	0	16.00	16.12	16.03	17.5	
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		
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		
15	16QAM	1	0	15.06	15.05	15.02		
15	16QAM	1	37	14.94	15.07	14.98		
15	16QAM	1	74	14.91	15.04	15.03		
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	16QAM	75	0	14.04	14.07	13.98		
15	84QAM	1	0	13.95	13.98	13.91		
15	84QAM	1	37	14.03	14.13	13.91		
15	84QAM	1	74	13.91	14.03	13.80		
15	84QAM	36	0	13.02	13.13	13.11		
15	84QAM	36	20	13.00	13.20	12.93		
15	84QAM	36	39	12.89	13.06	13.12		
15	84QAM	75	0	13.07	13.16	13.04		
Channel				18550	18900	19150	MPR (dB)	
Frequency (MHz)				1855	1880	1905		Tune-up limit (dBm)
10	QPSK	1	0	16.09	16.13	15.98	17.5	
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	15.10		
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		
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		
10	16QAM	25	0	14.04	14.03	13.98		
10	16QAM	25	12	14.09	14.25	14.06		
10	16QAM	25	25	14.02	14.20	13.97		
10	16QAM	50	0	14.12	14.17	13.94		
10	84QAM	1	0	14.01	13.85	13.94		
10	84QAM	1	25	13.96	14.13	13.81		
10	84QAM	1	49	14.00	13.99	13.87		
10	84QAM	25	0	13.15	13.11	13.09		
10	84QAM	25	12	12.98	13.12	13.04		
10	84QAM	25	25	13.00	13.09	13.04		
10	84QAM	50	0	13.18	13.12	12.98		
Channel				18625	18900	19175	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5		Tune-up limit (dBm)
5	QPSK	1	0	16.08	16.01	16.05	17.5	
5	QPSK	1	11	15.95	16.03	16.04		
5	QPSK	1	24	15.88	16.12	16.03		
5	QPSK	12	0	15.17	15.21	15.09		
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		
5	16QAM	1	0	14.07	14.03	13.97		
5	16QAM	1	12	15.01	15.14	14.92		
5	16QAM	1	24	14.89	15.06	14.98		
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		
5	16QAM	25	0	14.12	14.22	14.02		
5	84QAM	1	0	14.09	13.85	14.02		
5	84QAM	1	12	14.03	14.12	13.83		
5	84QAM	1	24	13.97	14.08	13.82		
5	84QAM	12	0	13.08	13.10	13.19		
5	84QAM	12	7	13.05	13.12	13.07		
5	84QAM	12	13	12.98	13.10	13.16		
5	84QAM	25	0	13.17	13.14	12.97		
Channel				18615	18900	19185	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5		Tune-up limit (dBm)
3	QPSK	1	0	15.96	16.03	16.05	17.5	
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	15.06		
3	QPSK	8	7	15.05	15.10	15.03		
3	QPSK	8	7	15.12	15.14	15.02		
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		
3	16QAM	1	14	14.97	15.09	15.03		
3	16QAM	8	0	14.02	14.14	13.97		
3	16QAM	8	4	14.05	14.13	14.06		
3	16QAM	8	7	14.09	14.12	14.06		
3	16QAM	15	0	14.18	14.23	13.98		
3	84QAM	1	0	14.04	13.93	13.92		
3	84QAM	1	8	13.93	14.05	13.95		
3	84QAM	1	14	14.04	14.04	13.74		
3	84QAM	8	0	13.07	13.03	13.12		
3	84QAM	8	4	12.99	13.10	13.07		
3	84QAM	8	7	13.00	13.09	13.09		
3	84QAM	15	0	13.04	13.09	13.01		
Channel				18607	18900	19193	MPR (dB)	
Frequency (MHz)				18507	1880	19093		Tune-up limit (dBm)
1.4	QPSK	1	0	15.99	16.02	16.07	17.5	
1.4	QPSK	1	3	15.89	15.99	15.96		
1.4	QPSK	1	5	16.03	16.08	16.00		
1.4	QPSK	3	0	16.04	16.07	15.88		
1.4	QPSK	3	1	15.99	15.96	15.94		
1.4	QPSK	3	3	15.90	16.11	15.93		
1.4	QPSK	6	0	15.19	15.18	15.06		
1.4	16QAM	1	0	15.03	14.92	15.12		
1.4	16QAM	1	3	14.95	15.07	14.95		
1.4	16QAM	1	5	14.89	15.04	15.04		
1.4	16QAM	3	0	14.99	15.00	14.78		
1.4	16QAM	3	1	14.91	15.12	14.93		
1.4	16QAM	3	3	14.88	15.13	14.95		
1.4	16QAM	6	0	14.15	14.03	13.94		
1.4	84QAM	1	0	14.01	13.88	13.90		
1.4	84QAM	1	3	13.90	14.15	13.92		
1.4	84QAM	1	5	13.91	14.06	13.81		
1.4	84QAM	3	0	13.90	14.07	14.07		
1.4	84QAM	3	1	13.98	14.10	13.99		
1.4	84QAM	3	3	13.90	14.05	13.92		
1.4	84QAM	6	0	13.14	13.19	13.07		

Band 4_DSII Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	MPR (dB)	
Channel				20350	20715	20350		Tune-up limit (dBm)
Frequency (MHz)								
20	QPSK	1	0	17.71	17.73	17.60	19.5	0
20	QPSK	1	49	17.58	17.61	17.56		
20	QPSK	1	99	17.63	17.66	17.52		
20	QPSK	50	0	16.72	16.81	16.67		
20	QPSK	50	24	16.65	16.65	16.57		
20	QPSK	50	50	16.80	16.68	16.59		
20	QPSK	100	0	16.82	16.86	16.66		
20	16QAM	1	0	16.84	16.73	16.62		
20	16QAM	1	49	16.60	16.71	16.52		
20	16QAM	1	99	16.61	16.65	16.50		
20	16QAM	50	0	15.88	15.78	15.73		
20	16QAM	50	24	15.71	15.82	15.65		
20	16QAM	50	50	15.58	15.77	15.65		
20	16QAM	100	0	15.75	15.80	15.59		
20	84QAM	1	0	15.84	15.79	15.58		
20	84QAM	1	49	15.86	15.65	15.56		
20	84QAM	1	99	15.84	15.57	15.60		
20	84QAM	50	0	14.88	14.75	14.68		
20	84QAM	50	24	14.81	14.82	14.69		
20	84QAM	50	50	14.55	14.75	14.72		
20	84QAM	100	0	14.83	14.78	14.54		
Channel				20025	20175	20325	MPR (dB)	
Frequency (MHz)				1717.5	1732.5	1747.5		Tune-up limit (dBm)
15	QPSK	1	0	17.62	17.61	17.58	19.5	
15	QPSK	1	37	17.61	17.62	17.58		
15	QPSK	1	74	17.57	17.52	17.53		
15	QPSK	36	0	16.58	16.67	16.51		
15	QPSK	36	20	16.59	16.68	16.54		
15	QPSK	36	39	16.57	16.65	16.56		
15	QPSK	75	0	16.65	16.75	16.65		
15	16QAM	1	0	16.61	16.85	16.61		
15	16QAM	1	37	16.50	16.57	16.52		
15	16QAM	1	74	16.54	16.51	16.59		
15	16QAM	36	0	15.61	15.68	15.64		
15	16QAM	36	20	15.84	15.77	15.52		
15	16QAM	36	39	15.60	15.73	15.63		
15	16QAM	75	0	15.62	15.62	15.55		
15	84QAM	1	0	15.64	15.74	15.55		
15	84QAM	1	37	15.61	15.57	15.53		
15	84QAM	1	74	15.52	15.50	15.54		
15	84QAM	36	0	14.54	14.66	14.55		
15	84QAM	36	20	14.84	14.65	14.55		
15	84QAM	36	39	14.56	14.70	14.60		
15	84QAM	75	0	14.73	14.65	14.58		
Channel				20000	20175	20350	MPR (dB)	
Frequency (MHz)				1715	1732.5	1750		Tune-up limit (dBm)
10	QPSK	1	0	17.60	17.63	17.57	19.5	
10	QPSK	1	25	17.59	17.54	17.53		
10	QPSK	1	49	17.53	17.63	17.53		
10	QPSK	25	0	16.63	16.73	16.61		
10	QPSK	25	12	16.54	16.60	16.54		
10	QPSK	25	25	16.58	16.65	16.53		
10	QPSK	50	0	16.72	16.73	16.57		
10	16							



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)								
23200								
782								
10	QPSK	1	0	22.07	23.07		24	0
10	QPSK	1	25	23.04				
10	QPSK	1	49	22.95				
10	QPSK	25	0	22.12				
10	QPSK	25	12	22.02				
10	QPSK	25	25	22.06				
10	QPSK	50	0	21.99			23	1
10	16QAM	1	0	22.13				
10	16QAM	1	25	22.16				
10	16QAM	1	49	22.02				
10	16QAM	25	0	20.87				
10	16QAM	25	12	21.01				
10	16QAM	25	25	21.09				
10	16QAM	50	0	20.97				
10	16QAM	1	0	21.08				
10	16QAM	1	25	21.09				
10	16QAM	1	49	20.94				
10	16QAM	25	0	19.86				
10	16QAM	25	12	20.01				
10	16QAM	25	25	20.09				
10	16QAM	50	0	19.94				
Channel								
Frequency (MHz)								
23205								
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	22.86	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		
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		
5	16QAM	12	7	20.89	20.88	20.88		
5	16QAM	12	13	20.99	20.97	20.99		
5	16QAM	25	0	20.85	20.89	20.86		
5	16QAM	1	0	20.96	20.99	20.94		
5	16QAM	1	12	20.97	21.01	20.95		
5	16QAM	1	24	20.86	20.83	20.84		
5	16QAM	12	0	19.79	19.73	19.73		
5	16QAM	12	7	19.89	19.91	19.87		
5	16QAM	12	13	19.98	19.96	20.02		
5	16QAM	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)								
26000								
1800								
1800								
1800								
20	QPSK	1	0	16.19	16.22	16.18	17.5	0
20	QPSK	1	49	16.11	16.15	16.12		
20	QPSK	1	99	16.12	16.20	16.09		
20	QPSK	50	0	15.25	15.29	15.12		
20	QPSK	50	24	15.36	15.27	15.08		
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		
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		
20	16QAM	50	50	14.15	14.22	13.98		
20	16QAM	100	0	14.23	14.28	14.03		
20	16QAM	1	0	14.27	14.30	14.14		
20	16QAM	1	49	14.22	14.19	14.10		
20	16QAM	1	99	14.11	14.19	14.07		
20	16QAM	50	0	13.30	13.28	13.08		
20	16QAM	50	24	13.20	13.18	13.08		
20	16QAM	50	50	13.09	13.14	13.04		
20	16QAM	100	0	13.18	13.27	13.03		
Channel								
Frequency (MHz)								
26115								
26340								
26615								
1807.5								
1880								
1907.5								
15	QPSK	1	0	16.15	16.14	16.10	17.5	0
15	QPSK	1	37	16.07	16.09	16.09		
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		
15	QPSK	36	39	15.10	15.12	15.11		
15	QPSK	75	0	15.17	15.15	15.07		
15	16QAM	1	0	15.05	15.13	15.15		
15	16QAM	1	37	15.05	15.01	15.03		
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	16QAM	36	39	14.01	14.19	13.83		
15	16QAM	75	0	14.02	14.10	14.06		
15	16QAM	1	0	14.15	14.13	14.08		
15	16QAM	1	37	14.05	14.06	13.99		
15	16QAM	1	74	14.03	14.02	13.90		
15	16QAM	36	0	13.19	13.09	12.93		
15	16QAM	36	20	13.12	13.11	13.02		
15	16QAM	36	39	13.05	13.07	12.96		
15	16QAM	75	0	13.09	13.19	12.85		
Channel								
Frequency (MHz)								
26200								
26340								
26560								
1852.5								
1880								
1910								
10	QPSK	1	0	16.15	16.15	16.09	17.5	0
10	QPSK	1	25	15.99	16.12	16.03		
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		
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		
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		
10	16QAM	25	25	14.04	14.11	13.82		
10	16QAM	50	0	14.14	14.24	13.90		
10	16QAM	1	0	14.09	14.19	14.11		
10	16QAM	1	25	14.06	14.09	14.04		
10	16QAM	1	49	14.06	14.10	13.93		
10	16QAM	25	0	13.16	13.21	12.95		
10	16QAM	25	12	13.14	13.14	13.02		
10	16QAM	25	25	12.91	13.00	12.90		
10	16QAM	50	0	13.00	13.12	12.94		
Channel								
Frequency (MHz)								
26565								
26340								
26885								
1882.5								
1880								
1912.5								
5	QPSK	1	0	16.08	16.18	16.14	17.5	0
5	QPSK	1	12	16.07	16.04	16.05		
5	QPSK	1	24	16.07	16.17	15.93		
5	QPSK	12	0	15.16	15.26	15.07		
5	QPSK	12	7	15.17	15.22	15.00		
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		
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		
5	16QAM	12	13	14.11	14.12	13.89		
5	16QAM	25	0	14.12	14.18	13.95		
5	16QAM	1	0	14.18	14.25	14.04		
5	16QAM	1	12	14.06	14.12	14.06		
5	16QAM	1	24	14.00	14.10	13.97		
5	16QAM	12	0	13.23	13.10	13.03		
5	16QAM	12	7	13.08	13.09	12.94		
5	16QAM	12	13	13.03	13.12	13.00		
5	16QAM	25	0	13.04	13.09	12.96		
Channel								
Frequency (MHz)								
26955								
26340								
26885								
1851.5								
1880								
1913.5								
3	QPSK	1	0	16.04	16.12	16.06	17.5	0
3	QPSK	1	8	16.01	16.12	16.06		
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		
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		
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	14.18	13.95		
3	16QAM	8	4	14.08	14.13	13.97		
3	16QAM	8	7	14.06	14.13	13.84		
3	16QAM	15	0	14.12	14.24	14.00		
3	16QAM	1	0	14.21	14.13	13.97		
3	16QAM	1	8	14.10	14.03	13.96		
3	16QAM	1	14	14.09	14.04	13.96		
3	16QAM	8	0	13.17	13.10	12.95		
3	16QAM	8	4	13.17	13.04	12.98		
3	16QAM	8	7	13.01	12.97	12.86		
3	16QAM	15	0	13.06	13.24	12.96		
Channel								
Frequency (MHz)								
27047								
26340								
26885								
1860.7								
1880								
1914.3								
1.4	QPSK	1	0	16.04	16.09	16.10	17.5	0
1.4	QPSK	1	3	16.03		16.11		
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	15.16	15.15	15.08		
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	15.06	15.02	15.11		
1.4								



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)	MPR (dB)
Channel				132072	132322	132572		
Frequency (MHz)				1745	1745	1770		
20	QPSK	1	0	17.78	17.82	17.67		
20	QPSK	1	49	17.70	17.71	17.61	19.5	0
20	QPSK	1	99	17.72	17.75	17.62		
20	QPSK	50	0	16.81	16.86	16.65		
20	QPSK	50	24	16.70	16.82	16.56	18.5	1
20	QPSK	50	50	16.69	16.76	16.61		
20	QPSK	100	0	16.75	16.76	16.77		
20	16QAM	1	0	16.85	16.92	16.61		
20	16QAM	1	49	16.77	16.81	16.60	18.5	1
20	16QAM	1	99	16.69	16.80	16.67		
20	16QAM	50	0	15.77	15.78	15.56		
20	16QAM	50	24	15.72	15.76	15.53	17.5	2
20	16QAM	50	50	15.79	15.69	15.64		
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)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.70	17.77	17.63		
15	QPSK	1	37	17.67	17.69	17.54	19.5	0
15	QPSK	1	74	17.80	17.88	17.60		
15	QPSK	36	0	16.63	16.75	16.51		
15	QPSK	36	20	16.54	16.66	16.55	18.5	1
15	QPSK	36	39	16.60	16.75	16.53		
15	QPSK	75	0	16.57	16.73	16.66		
15	16QAM	1	0	16.70	16.76	16.56	18.5	1
15	16QAM	1	37	16.68	16.72	16.51		
15	16QAM	1	74	16.62	16.66	16.58		
15	16QAM	36	0	15.61	15.67	15.66		
15	16QAM	36	20	15.59	15.68	15.61	17.5	2
15	16QAM	36	39	15.77	15.53	15.59		
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	14.68	14.65	14.91		
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.65	17.75	17.65		
10	QPSK	1	25	17.57	17.54	17.51	19.5	0
10	QPSK	1	49	17.68	17.68	17.74		
10	QPSK	25	0	16.75	16.68	16.61		
10	QPSK	25	12	16.62	16.66	16.64	18.5	1
10	QPSK	25	25	16.80	16.64	16.59		
10	QPSK	50	0	16.65	16.74	16.67		
10	16QAM	1	0	16.76	16.84	16.62	18.5	1
10	16QAM	1	25	16.65	16.72	16.54		
10	16QAM	1	49	16.58	16.64	16.58		
10	16QAM	25	0	15.73	15.85	15.50	17.5	2
10	16QAM	25	12	15.65	15.69	15.53		
10	16QAM	25	25	15.77	15.62	15.51		
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)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.63	17.76	17.63		
5	QPSK	1	12	17.57	17.64	17.64	19.5	0
5	QPSK	1	24	17.68	17.63	17.57		
5	QPSK	12	0	16.79	16.70	16.60		
5	QPSK	12	7	16.65	16.80	16.54	18.5	1
5	QPSK	12	13	16.56	16.75	16.52		
5	QPSK	25	0	16.64	16.74	16.69		
5	16QAM	1	0	16.81	16.80	16.56	18.5	1
5	16QAM	1	12	16.60	16.78	16.53		
5	16QAM	1	24	16.63	16.72	16.61		
5	16QAM	12	0	15.72	15.64	15.71	17.5	2
5	16QAM	12	7	15.67	15.59	15.64		
5	16QAM	12	13	15.71	15.63	15.61		
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)	MPR (dB)
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.74	17.78	17.55		
3	QPSK	1	8	17.60	17.64	17.56	19.5	0
3	QPSK	1	14	17.60	17.68	17.58		
3	QPSK	8	0	16.75	16.78	16.63		
3	QPSK	8	4	16.62	16.67	16.53	18.5	1
3	QPSK	8	7	16.64	16.75	16.56		
3	QPSK	15	0	16.66	16.65	16.64		
3	16QAM	1	0	16.69	16.87	16.57	18.5	1
3	16QAM	1	8	16.68	16.68	16.53		
3	16QAM	1	14	16.55	16.71	16.63		
3	16QAM	8	0	15.61	15.72	15.54	17.5	2
3	16QAM	8	4	15.65	15.69	15.71		
3	16QAM	8	7	15.76	15.66	15.64		
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	14.84	14.63		
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	132665	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.69	17.61	17.62		
1.4	QPSK	1	3	17.51	17.52	17.79	19.5	0
1.4	QPSK	1	5	17.61	17.52	17.72		
1.4	QPSK	3	0	17.80	17.53	17.75		
1.4	QPSK	3	1	17.79	17.53	17.57		
1.4	QPSK	3	3	17.80	17.68	17.79	18.5	1
1.4	QPSK	6	0	16.97	16.98	17.07		
1.4	16QAM	1	0	16.95	17.09	16.89	18.5	1
1.4	16QAM	1	3	17.08	16.94	16.77		
1.4	16QAM	1	5	16.92	17.03	16.83		
1.4	16QAM	3	0	16.82	16.94	16.68	17.5	2
1.4	16QAM	3	1	16.70	16.91	16.60		
1.4	16QAM	3	3	16.92	16.87	16.73		
1.4	16QAM	6	0	15.96	16.06	16.13	17.5	2
1.4	64QAM	1	0	15.89	16.01	15.77		
1.4	64QAM	1	3	16.05	15.97	15.81	17.5	2
1.4	64QAM	1	5	15.81	16.13	15.83		
1.4	64QAM	3	0	16.04	15.97	15.67		
1.4	64QAM	3	1	15.88	15.88	15.66		
1.4	64QAM	3	3	15.79	15.72	15.66	18.5	3
1.4	64QAM	6	0	15.04	15.03	15.18		



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	18.00	18.18	18.18					
20	QPSK	1	49	18.03	18.18	18.14	19.5	0			
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	17.17					
20	QPSK	100	0	17.31	17.32	17.22					
20	16QAM	1	0	17.23	17.25	17.19	18.5	1			
20	16QAM	1	49	18.08	17.13	17.16					
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	17.5	2			
20	16QAM	50	50	16.21	16.24	16.09					
20	16QAM	100	0	16.23	16.36	16.20					
20	16QAM	1	0	16.29	16.20	16.08					
20	16QAM	1	49	15.99	16.13	16.08	17.5	2			
20	16QAM	1	99	16.04	16.18	16.06					
20	16QAM	50	0	15.30	15.35	15.24					
20	16QAM	50	24	15.34	15.18	15.21					
20	16QAM	50	50	15.13	15.31	15.07	16.5	3			
20	16QAM	100	0	15.33	15.27	15.11					
Channel											
Frequency (MHz)											
15	QPSK	1	0	18.08	18.20	18.10					
15	QPSK	1	37	17.86	18.03	17.99	19.5	0			
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	18.5	1			
15	16QAM	1	37	16.86	16.99	17.00					
15	16QAM	1	74	16.95	17.03	17.02					
15	16QAM	36	0	16.12	16.24	16.04	17.5	2			
15	16QAM	36	20	16.15	16.16	16.09					
15	16QAM	36	39	16.14	16.17	16.03					
15	16QAM	75	0	16.18	16.26	16.05					
15	16QAM	1	0	16.13	16.16	16.01	17.5	2			
15	16QAM	1	37	15.86	16.00	15.93					
15	16QAM	1	74	15.86	16.06	15.93					
15	16QAM	36	0	15.14	15.19	15.16					
15	16QAM	36	20	15.21	15.11	15.04	16.5	3			
15	16QAM	36	39	15.03	15.27	15.04					
15	16QAM	75	0	15.23	15.23	15.04					
Channel											
Frequency (MHz)											
10	QPSK	1	0	18.08	18.16	18.02					
10	QPSK	1	25	17.96	18.10	18.09	19.5	0			
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	17.14	18.5	1			
10	QPSK	25	25	17.09	17.19	17.02					
10	QPSK	50	0	17.18	17.18	17.10					
10	QPSK	50	12	17.17	17.10	17.05					
10	16QAM	1	0	17.17	17.10	17.05	18.5	1			
10	16QAM	1	25	16.84	17.00	17.06					
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	17.5	2			
10	16QAM	25	25	16.05	16.17	16.01					
10	16QAM	50	0	16.14	16.31	16.13					
10	16QAM	50	12	16.16	16.09	16.39	17.5	2			
10	16QAM	50	25	16.05	16.00	16.05					
10	16QAM	50	49	15.88	16.14	15.96					
10	16QAM	25	0	15.07	15.19	15.19					
10	16QAM	25	12	15.29	15.01	15.08	16.5	3			
10	16QAM	25	25	15.01	15.17	15.03					
10	16QAM	50	0	15.29	15.12	15.03					
Channel											
Frequency (MHz)											
5	QPSK	1	0	18.02	18.06	18.02					
5	QPSK	1	12	17.81	18.03	18.08	19.5	0			
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	18.5	1			
5	16QAM	1	12	16.87	16.99	17.04					
5	16QAM	1	24	17.04	17.04	16.97					
5	16QAM	12	0	16.14	16.24	16.14	17.5	2			
5	16QAM	12	7	16.18	16.04	15.97					
5	16QAM	12	13	16.07	16.14	16.06					
5	16QAM	25	0	16.10	16.22	16.03					
5	16QAM	25	12	16.16	16.02	16.03	17.5	2			
5	16QAM	25	12	15.82	15.97	16.05					
5	16QAM	1	24	16.00	16.10	16.02					
5	16QAM	12	0	15.06	15.28	15.15					
5	16QAM	12	7	15.03	15.15	15.19	16.5	3			
5	16QAM	12	13	15.04	15.24	15.11					
5	16QAM	25	0	15.23	15.23	15.02					
Channel											
Frequency (MHz)											
3	QPSK	1	0	18.04	18.19	18.01					
3	QPSK	1	8	17.96	18.14	18.02	19.5	0			
3	QPSK	1	14	17.94	17.95	18.05					
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	18.5	1			
3	16QAM	1	8	16.92	17.05	17.10					
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	17.5	2			
3	16QAM	8	7	16.15	16.07	16.01					
3	16QAM	15	0	16.10	16.21	16.18					
3	16QAM	1	0	16.22	16.06	16.00					
3	16QAM	1	8	15.86	16.08	16.00	17.5	2			
3	16QAM	1	14	15.92	16.03	15.99					
3	16QAM	8	0	15.10	15.29	15.07					
3	16QAM	8	4	15.31	15.15	15.11	16.5	3			
3	16QAM	8	7	15.16	15.21	15.09					
3	16QAM	15	0	15.21	15.18	15.07					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	18.12	18.08	18.04					
1.4	QPSK	1	3	18.00	18.11	18.08	19.5	0			
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					
1.4	QPSK	3	3	18.08	18.09	18.01	18.5	1			
1.4	QPSK	6	0	17.28	17.24	17.05					
1.4	16QAM	1	0	17.20	17.23	16.95					
1.4	16QAM	1	2	17.03	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	16QAM	1	0	16.15	16.04	16.03					
1.4	16QAM	1	3	15.93	16.05	16.02					
1.4	16QAM	1	5	15.91	16.15	15.99	17.5	2			
1.4	16QAM	3	0	16.15	16.27	16.16					
1.4	16QAM	3	1	16.30	16.12	16.19					
1.4	16QAM	3	3	16.07	16.21	15.89					
1.4	16QAM	6	0	15.26	15.16	15.04	16.5	3			

Band 4_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)</			



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										
Frequency (MHz)				732						
10	QPSK	1	0	22.07			24	0		
10	QPSK	1	25	23.04						
10	QPSK	1	49	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	22.02			23	1		
10	16QAM	1	49	22.02						
10	16QAM	25	0	20.87						
10	16QAM	25	12	21.01						
10	16QAM	25	25	21.09			22	2		
10	16QAM	50	0	20.87						
10	16QAM	50	0	20.87						
10	16QAM	50	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						
10	64QAM	25	25	20.09			21	3		
10	64QAM	50	0	19.94						
Channel				23205						
Frequency (MHz)				779.5						
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				
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				
5	16QAM	1	12	22.02	22.07	22.08	23	1		
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	20.98	20.96				
5	16QAM	12	13	20.99	20.97	20.99	22	2		
5	16QAM	25	0	20.85	20.89	20.86				
5	64QAM	1	0	20.96	20.99	20.94				
5	64QAM	1	12	20.97	21.01	20.95				
5	64QAM	1	24	20.86	20.83	20.84	22	2		
5	64QAM	12	0	19.79	19.73	19.73				
5	64QAM	12	7	19.89	19.91	19.87				
5	64QAM	12	13	19.88	19.95	19.92				
5	64QAM	25	0	19.85	19.90	19.91	21	3		

Band 25_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)				26140						
20	QPSK	1	0	18.23	18.23	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				
20	QPSK	50	24	17.27	17.24	17.10	18.5	1		
20	QPSK	50	50	17.16	17.34	17.11				
20	QPSK	100	0	17.29	17.32	17.17				
20	16QAM	1	0	17.19	17.21	17.20				
20	16QAM	1	49	17.17	17.32	17.17	18.5	1		
20	16QAM	1	99	17.01	17.24	17.13				
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				
20	64QAM	1	99	16.06	16.21	16.07	17.5	2		
20	64QAM	50	0	15.37	15.28	15.13				
20	64QAM	50	24	15.16	15.35	15.21				
20	64QAM	50	50	15.17	15.31	15.01				
20	64QAM	100	0	15.14	15.38	15.25	16.5	3		
Channel				26115						
Frequency (MHz)				1897.5						
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				
15	QPSK	36	20	17.24	17.12	17.00	18.5	1		
15	QPSK	36	39	17.01	17.20	16.96				
15	QPSK	75	0	17.18	17.19	17.04				
15	16QAM	1	0	17.16	17.12	17.18				
15	16QAM	1	37	17.00	17.29	17.00	18.5	1		
15	16QAM	1	74	16.97	17.14	17.04				
15	16QAM	36	0	16.09	16.20	16.05				
15	16QAM	36	20	16.14	16.29	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				
15	64QAM	1	74	16.04	16.07	15.99	17.5	2		
15	64QAM	36	0	15.28	15.16	15.08				
15	64QAM	36	20	15.05	15.29	15.19				
15	64QAM	36	39	15.02	15.17	15.08				
15	64QAM	75	0	15.09	15.36	15.15	16.5	3		
Channel				26090						
Frequency (MHz)				1855						
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				
10	QPSK	25	12	17.22	17.19	17.02	18.5	1		
10	QPSK	25	25	16.99	17.17	16.95				
10	QPSK	50	0	17.16	17.24	17.06				
10	16QAM	1	0	17.15	17.12	17.10				
10	16QAM	1	25	16.97	17.27	17.11	18.5	1		
10	16QAM	1	49	16.97	17.08	16.98				
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				
10	64QAM	1	49	15.94	16.05	15.89	17.5	2		
10	64QAM	25	0	15.25	15.11	15.16				
10	64QAM	25	12	15.10	15.30	15.09				
10	64QAM	25	25	15.05	15.27	15.03				
10	64QAM	50	0	15.01	15.30	15.15	16.5	3		
Channel				26065						
Frequency (MHz)				1852.5						
5	QPSK	1	0	18.09	18.17	18.15			19.5	0
5	QPSK	1	12	17.87	18.23	18.01				
5	QPSK	1	24	18.00	18.10	18.04				
5	QPSK	12	0	17.19	17.18	17.11				
5	QPSK	12	7	17.22	17.07	17.02	18.5	1		
5	QPSK	12	13	17.06	17.30	17.03				
5	QPSK	25	0	17.17	17.25	17.04				
5	16QAM	1	0	17.08	17.11	17.17				
5	16QAM	1	12	17.01	17.17	17.14	18.5	1		
5	16QAM	1	24	16.95	17.21	17.05				
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	12	16.00	16.35	16.09				
5	64QAM	1	24	15.94	16.11	15.93	17.5	2		
5	64QAM	12	0	15.26	15.24	15.09				
5	64QAM	12	7	15.01	15.25	15.15				
5	64QAM	12	13	15.00	15.22	15.05				
5	64QAM	25	0	15.06	15.35	15.16	16.5	3		
Channel				26055						
Frequency (MHz)				1851.5						
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				
3	QPSK	8	4	17.12	17.09	17.06	18.5	1		
3	QPSK	8	7	17.00	17.21	17.04				
3	QPSK	15	0	17.21	17.18	17.10				
3	16QAM	1	0	17.01	17.14	17.06				
3	16QAM	1	8	16.93	17.21	17.04	18.5	1		
3	16QAM	1	14	16.98	17.07	17.10				
3	16QAM	8	0	16.12	16.27	16.04				
3	16QAM	8	4	16.16	16.13	16.07				
3	16QAM	8	7	16.11	16.18	16.08	17.5	2		
3	16QAM	16	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				
3	64QAM	1	14	15.93	16.19	16.02	17.5	2		
3	64QAM	8	0	15.94	15.25	15.06				
3	64QAM	8	4	15.02	15.17	15.13				
3	64QAM	8	7	15.13	15.15	15.01				
3	64QAM	15	0	15.11	15.30	15.21	16.			



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		
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		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	20.24	20.34	20.08	21.5	0
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	18.16	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		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	20.29	20.30	20.14	21.5	0
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	19.00		
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		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	20.26	20.29	20.13	21.5	0
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		
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	20.26	20.26	20.13	21.5	0
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	132683		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	20.23	20.25	20.11	21.5	0
1.4	QPSK	1	3	20.08	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	20.5	1
1.4	QPSK	3	1	20.27	20.26	19.98		
1.4	QPSK	3	3	20.20	20.17	20.08		
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	19.13	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	18.96		
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	18.11	18.08		
1.4	64QAM	3	0	18.33	18.18	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				
Frequency (MHz)				3560	3609	3641	3690				
20	QPSK	1	0	20.16	20.19	20.27	20.09	21.5	0		
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	QPSK	50	0	19.09	19.18	19.26	19.07				
20	QPSK	50	24	19.08	19.10	19.13	19.13	20.5	1		
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	16QAM	1	0	18.99	19.03	19.10	19.09				
20	16QAM	1	49	19.23	19.27	19.15	19.24	20.5	1		
20	16QAM	1	99	19.04	19.14	19.07	19.10				
20	16QAM	50	0	18.15	18.15	18.13	18.14				
20	16QAM	50	24	18.17	18.15	18.15	18.13				
20	16QAM	50	50	18.09	18.18	18.12	18.14	19.5	2		
20	16QAM	100	0	18.19	18.12	18.15	18.05				
20	64QAM	1	0	17.78	17.70	17.85	17.78				
20	64QAM	1	49	17.67	17.74	17.79	17.75				
20	64QAM	1	99	17.71	17.75	17.76	17.68	19.5	2		
20	64QAM	50	0	17.02	17.05	17.15	17.14				
20	64QAM	50	24	17.16	17.12	17.09	17.11				
20	64QAM	50	50	17.10	17.13	17.15	17.07				
20	64QAM	100	0	17.11	17.13	17.10	17.13	18.5	3		
Channel				55315	55820	56160	56665				
Frequency (MHz)				3557.5	3603	3642	3692.5				
15	QPSK	1	0	20.11	20.08	20.16	20.03			21.5	0
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				
15	QPSK	36	20	18.99	19.01	19.10	18.97	20.5	1		
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				
15	16QAM	1	37	19.19	19.18	19.07	19.16	20.5	1		
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				
15	16QAM	36	39	18.02	18.10	18.15	18.09	19.5	2		
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				
15	64QAM	1	74	17.56	17.71	17.67	17.67	19.5	2		
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				
15	64QAM	75	0	16.99	17.06	17.11	16.98	18.5	3		
Channel				55290	55815	56185	56690				
Frequency (MHz)				3555	3607.5	3642.5	3695				
10	QPSK	1	0	20.15	20.09	20.11	20.01			21.5	0
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				
10	QPSK	25	12	18.95	19.02	19.09	19.06	20.5	1		
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	18.99	19.03	18.98				
10	16QAM	1	25	19.14	19.11	19.07	19.10	20.5	1		
10	16QAM	1	49	18.99	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				
10	16QAM	25	25	18.05	18.16	18.10	18.13	19.5	2		
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				
10	64QAM	1	49	17.64	17.75	17.66	17.70	19.5	2		
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				
10	64QAM	50	0	17.06	17.05	17.13	17.00	18.5	3		
Channel				55265	55810	56170	56715				
Frequency (MHz)				3552.5	3607	3643	3697.5				
5	QPSK	1	0	20.17	20.16	20.10	20.05			21.5	0
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				
5	QPSK	12	7	19.02	19.00	19.00	19.06	20.5	1		
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				
5	16QAM	1	12	19.18	19.10	19.09	19.12	20.5	1		
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				
5	16QAM	12	13	17.99	18.15	18.09	18.11	19.5	2		
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				
5	64QAM	1	24	17.62	17.65	17.69	17.69	19.5	2		
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				
5	64QAM	25	0	16.98	17.02	17.05	17.01	18.5	3		



Band 48_DIS3 Ant2

Channel	Channel	Channel	Channel	Tune-up limit (dBm)	MPR (dB)				
Channel	Frequency (MHz)	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.				
20	QPSK	1	0	19.04	19.11	19.39	19.19	20.5	0
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	QPSK	50	0	18.18	18.23	18.31	18.18		
20	QPSK	50	24	18.16	18.14	18.07	18.19	19.5	1
20	QPSK	50	50	18.15	18.10	18.10	18.03		
20	QPSK	100	0	18.15	18.14	18.16	18.09		
20	16QAM	1	0	18.02	17.99	18.10	17.95		
20	16QAM	1	49	18.14	18.13	18.25	18.06	19.5	1
20	16QAM	1	99	18.01	18.15	18.16	18.06		
20	16QAM	50	0	17.04	17.15	17.08	17.20		
20	16QAM	50	24	17.17	17.14	17.17	17.15		
20	16QAM	50	50	17.23	17.14	17.17	17.26	18.5	2
20	16QAM	100	0	17.08	17.04	17.25	17.13		
20	64QAM	1	0	16.78	16.85	16.84	16.82		
20	64QAM	1	49	16.79	16.68	16.81	16.73		
20	64QAM	1	99	16.76	16.55	16.83	16.68	18.5	2
20	64QAM	50	0	16.04	16.01	16.12	16.06		
20	64QAM	50	24	16.03	16.25	16.25	16.13		
20	64QAM	50	50	16.19	16.06	16.16	16.23		
20	64QAM	100	0	16.15	16.16	16.22	16.21	17.5	3
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		
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	20.5	0
10	QPSK	25	0	18.09	18.07	18.21	18.11		
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	19.5	1
10	16QAM	1	0	17.94	18.06	18.10	18.15		
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	18.5	2
10	16QAM	25	12	17.06	17.11	17.30	17.17		
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	18.5	2
10	64QAM	1	25	16.79	16.62	16.74	16.89		
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	17.5	3
10	64QAM	25	25	16.02	16.02	16.25	16.02		
10	64QAM	50	0	16.00	15.96	16.31	16.19		
5	QPSK	1	0	18.99	19.14	19.36	19.29		
5	QPSK	1	12	19.27	19.16	19.23	19.09	20.5	0
5	QPSK	1	24	19.02	19.22	19.26	18.83		
5	QPSK	12	0	18.06	18.20	18.22	18.19		
5	QPSK	12	7	17.96	17.97	18.28	18.08		
5	QPSK	12	13	18.05	18.15	18.26	18.07	19.5	1
5	QPSK	25	0	18.18	17.99	18.11	18.01		
5	16QAM	1	0	17.94	17.89	18.06	18.00		
5	16QAM	1	12	18.09	18.28	18.15	18.27		
5	16QAM	1	24	18.02	17.99	18.31	18.14	18.5	2
5	16QAM	12	0	17.02	17.14	17.16	17.11		
5	16QAM	12	7	17.10	17.17	17.32	17.02		
5	16QAM	12	13	17.05	16.96	17.14	17.16		
5	16QAM	25	0	17.01	17.26	17.26	17.03	18.5	2
5	64QAM	1	0	16.69	16.84	16.92	16.72		
5	64QAM	1	12	16.74	16.70	16.85	16.79		
5	64QAM	1	24	16.68	16.58	16.74	16.65		
5	64QAM	12	0	16.16	16.11	16.20	16.09	17.5	3
5	64QAM	12	7	16.03	16.15	16.15	16.17		
5	64QAM	12	13	16.10	16.09	16.26	16.15		
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	0
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	QPSK	50	0	17.80	17.68	17.89	17.88	19	1
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	18	2
20	16QAM	50	0	16.70	16.68	16.78	16.88		
20	16QAM	50	24	16.80	16.85	16.96	16.79		
20	16QAM	50	50	16.82	16.72	16.91	16.92	18	2
20	16QAM	100	0	16.80	16.68	16.76	16.79		
20	64QAM	1	0	16.34	16.48	16.57	16.45		
20	64QAM	1	49	16.31	16.28	16.57	16.42	18	2
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	MPR
Frequency (MHz)				3557.5	3603	3642	3692.5	(dBm)	(dB)
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	19	1
15	QPSK	36	20	17.67	17.66	17.73	17.72		
15	QPSK	36	39	17.75	17.66	17.75	17.75		
15	QPSK	75	0	17.61	17.58	17.73	17.58	19	1
15	16QAM	1	0	17.65	17.59	17.71	17.56		
15	16QAM	1	37	17.73	17.74	17.79	17.67		
15	16QAM	1	74	17.67	17.66	17.77	17.77	18	2
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	18	2
15	64QAM	1	74	16.22	16.26	16.40	16.39		
15	64QAM	36	0	15.74	15.70	15.84	15.61		
15	64QAM	36	20	15.64	15.66	15.76	15.66	17	3
15	64QAM	36	39	15.65	15.57	15.84	15.77		
15	64QAM	75	0	15.70	15.71	15.81	15.70		
Channel				55290	55815	56165	56690	Tune-up limit	MPR
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)	(dB)
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	19	1
10	QPSK	25	12	17.58	17.69	17.69	17.73		
10	QPSK	25	25	17.71	17.68	17.83	17.73		
10	QPSK	50	0	17.66	17.55	17.68	17.68	19	1
10	16QAM	1	0	17.63	17.59	17.73	17.58		
10	16QAM	1	25	17.78	17.80	17.80	17.79		
10	16QAM	1	49	17.60	17.59	17.82	17.75	18	2
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	18	2
10	64QAM	1	49	16.36	16.24	16.39	16.38		
10	64QAM	25	0	15.72	15.68	15.82	15.68		
10	64QAM	25	12	15.68	15.79	15.78	15.69	17	3
10	64QAM	25	25	15.63	15.64	15.73	15.73		
10	64QAM	50	0	15.60	15.63	15.73	15.68		
Channel				55265	55810	56170	56715	Tune-up limit	MPR
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)	(dB)
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	19	1
5	QPSK	12	7	17.68	17.63	17.76	17.75		
5	QPSK	12	13	17.75	17.76	17.76	17.74		
5	QPSK	25	0	17.66	17.58	17.74	17.65	19	1
5	16QAM	1	0	17.63	17.63	17.67	17.63		
5	16QAM	1	12	17.79	17.82	17.83	17.72		
5	16QAM	1	24	17.64	17.72	17.85	17.74	18	2
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	18	2
5	64QAM	1	24	16.37	16.16	16.44	16.25		
5	64QAM	12	0	15.69	15.61	15.79	15.74		
5	64QAM	12	7	15.68	15.77	15.82	15.65	17	3
5	64QAM	12	13	15.72	15.62	15.73	15.65		
5	64QAM	25	0	15.59	15.61	15.80	15.74		



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	22	0		
20	QPSK	1	49	20.45	20.39	20.72	20.52				
20	QPSK	1	99	20.44	20.43	20.60	20.36				
20	QPSK	50	0	19.36	19.39	19.69	19.58				
20	QPSK	50	24	19.37	19.28	19.57	19.49	21	1		
20	QPSK	50	50	19.45	19.31	19.66	19.50				
20	QPSK	100	0	19.35	19.24	19.57	19.43				
20	16QAM	1	0	19.39	19.29	19.51	19.50				
20	16QAM	1	49	19.56	19.49	19.68	19.50	21	1		
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	16QAM	50	24	18.49	18.39	18.62	18.44				
20	16QAM	50	50	18.42	18.40	18.71	18.53	20	2		
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	64QAM	1	49	18.10	18.05	18.29	18.14				
20	64QAM	1	99	18.02	18.07	18.32	18.21	20	2		
20	64QAM	50	0	17.47	17.26	17.65	17.42				
20	64QAM	50	24	17.38	17.38	17.63	17.45				
20	64QAM	50	50	17.42	17.35	17.72	17.59				
20	64QAM	100	0	17.44	17.41	17.71	17.55	20	2		
Channel				55315	55820	56160	56665				
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	18.06	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	20	2		
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	19	3		
Channel				55290	55815	56165	56690				
Frequency (MHz)				3565	3607.5	3642.5	3695				
10	QPSK	1	0	20.31	20.44	20.61	20.58			22	0
10	QPSK	1	25	20.42	20.36	20.73	20.57				
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	21	1		
10	QPSK	25	25	19.49	19.36	19.55	19.57				
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	21	1		
10	16QAM	1	49	19.38	19.40	19.59	19.55				
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	20	2		
10	16QAM	50	0	18.44	18.47	18.59	18.53				
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	20	2		
10	64QAM	25	0	17.43	17.37	17.58	17.46				
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	19	3		
Channel				55265	55810	56170	56715				
Frequency (MHz)				3562.5	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		

**Band 2_DSI3 Ant0 for ENDC**

BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq. (1870)	Power Middle Ch./Freq. (1890)	Power High Ch./Freq. (1910)	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	15.00	15.00	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	13.81	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	13.88	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	12.89		
20	16QAM	50	24	12.92	13.02	12.83	14.5	2
20	16QAM	50	50	12.92	12.87	12.93		
20	16QAM	100	0	12.99	13.22	12.85		
20	16QAM	1	0	12.91	13.05	12.85		
20	16QAM	1	49	12.92	13.02	12.92	14.5	2
20	16QAM	1	99	12.92	13.02	13.11		
20	64QAM	50	0	11.88	12.01	11.72		
20	64QAM	50	24	11.76	11.94	11.90	13.5	3
20	64QAM	50	50	11.94	11.90	11.87		
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	13.74	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	12.85	12.94	12.83		
15	16QAM	36	20	12.82	12.93	12.97	14.5	2
15	16QAM	36	39	12.75	12.82	12.72		
15	16QAM	75	0	12.82	13.17	12.72		
15	16QAM	1	0	12.66	12.78	12.59		
15	16QAM	1	37	12.77	12.82	12.88	14.5	2
15	16QAM	1	74	12.65	12.73	12.98		
15	16QAM	36	0	11.78	11.94	11.82		
15	16QAM	36	20	11.70	11.79	11.77	13.5	3
15	16QAM	36	39	11.70	11.82	11.80		
15	16QAM	75	0	11.87	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	25	13.55	13.64	13.53		
10	QPSK	50	0	13.65	13.93	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	12.81		
10	16QAM	25	12	12.66	12.67	12.63	14.5	2
10	16QAM	25	25	12.65	12.50	12.61		
10	16QAM	50	0	12.55	12.93	12.53		
10	16QAM	1	0	12.51	12.86	12.52	14.5	2
10	16QAM	1	25	12.55	12.60	12.57		
10	16QAM	1	49	12.51	12.69	12.85		
10	16QAM	25	0	11.66	11.89	11.50		
10	16QAM	25	12	11.51	11.63	11.52	13.5	3
10	16QAM	25	25	11.64	11.69	11.55		
10	16QAM	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	14.63	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	12.63	12.62	12.53		
5	16QAM	12	7	12.66	12.62	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	16QAM	1	0	12.60	12.76	12.59		
5	16QAM	1	12	12.66	12.69	12.53	14.5	2
5	16QAM	1	24	12.57	12.57	12.52		
5	16QAM	12	0	11.60	11.76	11.51		
5	16QAM	12	7	11.70	11.79	11.57	13.5	3
5	16QAM	12	13	11.60	11.74	11.61		
5	16QAM	25	0	11.68	12.10	11.70		
Channel								
Frequency (MHz)								
3	QPSK	1	0	14.64	14.67	14.64		
3	QPSK	1	8	14.59	14.67	14.51	16.5	0
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	13.84	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	16QAM	1	0	12.67	12.61	12.54		
3	16QAM	1	8	12.65	12.82	12.54	14.5	2
3	16QAM	1	14	12.62	12.67	12.91		
3	16QAM	8	0	11.77	11.79	11.58		
3	16QAM	8	4	11.62	11.64	11.76	13.5	3
3	16QAM	8	7	11.59	11.72	11.63		
3	16QAM	15	0	11.75	11.98	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	15.5	1
1.4	QPSK	3	3	14.56	14.58	14.51		
1.4	QPSK	6	0	13.63	13.72	13.65		
1.4	16QAM	1	0	13.70	13.84	13.62		
1.4	16QAM	1	3	13.64	13.66	13.71	15.5	1
1.4	16QAM	1	5	13.66	13.74	13.53		
1.4	16QAM	3	0	13.60	13.72	13.63		
1.4	16QAM	3	1	13.54	13.63	13.73	14.5	2
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	16QAM	1	0	12.55	12.72	12.61		
1.4	16QAM	1	3	12.75	12.78	12.53		
1.4	16QAM	1	5	12.64	12.62	12.90		
1.4	16QAM	3	0	12.59	12.68	12.57	14.5	2
1.4	16QAM	3	1	12.69	12.62	12.58		
1.4	16QAM	3	3	12.54	12.63	12.82		
1.4	16QAM	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. (2050)	Power Middle Ch./Freq. (2075)	Power High Ch./Freq. (2030)	Tune-up limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	0	14.78	14.82	14.74		
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	13.74	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	16QAM	1	0	12.82	13.16	12.92		
20	16QAM	1	49	12.79	13.01	12.82	14.5	2
20	16QAM	1	99	12.81	12.69	12.76		
20	64QAM	50	0	11.96	12.07	11.98		
20	64QAM	50	24	12.06	12.14	11.87	13.5	3
20	64QAM	50	50	11.86	11.83	11.75		
20	64QAM	100	0	11.92	11.75	12.17		
Channel								
Frequency (MHz)								
15	QPSK	1	0	14.64	14.89	14.66		
15	QPSK	1	37	14.73	14.61	14.55	16.5	0
15	QPSK	1	74	14.57	14.83	14.66		
15	QPSK	36	0	13.95	13.70	13.79		
15	QPSK	36	20	13.64	13.97	13.72	15.5	1
15	QPSK	36	39	13.65	13.74	13.73		
15	QPSK	75	0	13.79	13.85	13.67		
15	16QAM	1	0	13.78	13.80	13.66		
15	16QAM	1	37	13.71	13.85	13.71	15.5	1
15	16QAM	1	74	13.68	13.77	13.68		
15	16QAM	36	0	12.64	12.75	12.50		
15	16QAM	36	20	12.70	12.83	12.76	14.5	2



Band 7_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								
Frequency (MHz)								
20	QPSK	1	0	17.59	17.74	17.88	19.5	0
20	QPSK	1	49	17.58	17.68	17.75		
20	QPSK	1	99	17.65	17.67	17.64		
20	QPSK	50	0	16.70	16.85	16.80	18.5	1
20	QPSK	50	24	16.61	16.74	16.77		
20	QPSK	50	50	16.63	16.77	16.75		
20	QPSK	100	0	16.78	16.86	16.75	18.5	1
20	16QAM	1	0	16.66	16.80	16.75		
20	16QAM	1	49	16.67	16.82	16.83		
20	16QAM	1	99	16.68	16.85	16.72	17.5	2
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	15.88	17.5	2
20	16QAM	100	0	15.71	15.85	15.80		
20	16QAM	1	0	15.70	15.76	15.83		
20	64QAM	1	49	15.74	15.62	15.62	17.5	2
20	64QAM	1	99	15.82	15.68	15.77		
20	64QAM	50	0	14.86	14.84	14.85		
20	64QAM	50	24	14.74	14.70	14.75	16.5	3
20	64QAM	50	50	14.64	14.82	14.79		
20	64QAM	100	0	14.64	14.80	14.53		
Channel								
Frequency (MHz)								
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	16.82	16.74	16.70	18.5	1
15	QPSK	36	20	16.50	16.57	16.69		
15	QPSK	36	39	16.60	16.69	16.80		
15	QPSK	75	0	16.68	16.76	16.84	18.5	1
15	16QAM	1	0	16.57	16.68	16.60		
15	16QAM	1	37	16.64	16.58	16.50		
15	16QAM	1	74	16.62	16.59	16.69	17.5	2
15	16QAM	36	0	15.66	15.73	15.89		
15	16QAM	36	20	15.86	15.82	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	17.5	2
15	64QAM	1	74	15.56	15.65	15.74		
15	64QAM	36	0	14.70	14.66	14.69		
15	64QAM	36	20	14.58	14.65	14.67	16.5	3
15	64QAM	36	39	14.83	14.87	14.57		
15	64QAM	75	0	14.61	14.68	14.64		
Channel								
Frequency (MHz)								
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	18.5	1
10	QPSK	25	12	16.59	16.56	16.70		
10	QPSK	25	25	16.52	16.63	16.57		
10	QPSK	50	0	16.84	16.78	16.62	18.5	1
10	16QAM	1	0	16.51	16.77	16.63		
10	16QAM	1	25	16.58	16.50	16.59		
10	16QAM	1	49	16.66	16.61	16.57	17.5	2
10	16QAM	25	0	15.68	15.76	15.73		
10	16QAM	25	12	15.63	15.56	15.62		
10	16QAM	25	25	15.54	15.76	15.82	17.5	2
10	16QAM	50	0	15.63	15.74	15.66		
10	64QAM	1	0	15.58	15.68	15.73		
10	64QAM	1	25	15.72	15.50	15.51	17.5	2
10	64QAM	1	49	15.51	15.51	15.84		
10	64QAM	25	0	14.70	14.66	14.79		
10	64QAM	25	12	14.64	14.55	14.72	16.5	3
10	64QAM	25	25	14.60	14.69	14.61		
10	64QAM	50	0	14.59	14.65	14.63		
Channel								
Frequency (MHz)								
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	16.85	18.5	1
5	QPSK	12	7	16.58	16.66	16.65		
5	QPSK	12	13	16.55	16.60	16.62		
5	QPSK	25	0	16.71	16.82	16.71	18.5	1
5	16QAM	1	0	16.57	16.66	16.62		
5	16QAM	1	12	16.64	16.55	16.57		
5	16QAM	1	24	16.54	16.57	16.69	17.5	2
5	16QAM	12	0	15.88	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	15.80	15.79		
5	64QAM	1	12	15.65	15.57	15.55	17.5	2
5	64QAM	1	24	15.56	15.53	15.74		
5	64QAM	12	0	14.73	14.72	14.68		
5	64QAM	12	7	14.63	14.68	14.69	16.5	3
5	64QAM	12	13	14.56	14.68	14.53		
5	64QAM	25	0	14.61	14.74	14.62		

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								
Frequency (MHz)								
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	22	1
10	QPSK	25	12	20.16	20.30	20.15		
10	QPSK	25	25	20.17	20.28	20.10		
10	QPSK	50	0	20.34	20.39	20.28	22	1
10	16QAM	1	0	20.32	20.37	20.19		
10	16QAM	1	25	20.19	20.29	20.09		
10	16QAM	1	49	20.17	20.22	20.17	21	2
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	21	2
10	64QAM	1	49	19.08	19.24	19.19		
10	64QAM	25	0	18.34	18.16	18.13		
10	64QAM	25	12	18.23	18.25	18.15	20	3
10	64QAM	25	25	18.10	18.31	18.05		
10	64QAM	50	0	18.41	18.42	18.16		
Channel								
Frequency (MHz)								
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	22	1
5	QPSK	12	7	20.01	20.24	20.07		
5	QPSK	12	13	20.03	20.24	20.07		
5	QPSK	25	0	20.29	20.28	20.12	22	1
5	16QAM	1	0	20.29	20.31	20.06		
5	16QAM	1	12	20.10	20.19	20.06		
5	16QAM	1	24	20.04	20.16	20.13	21	2
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	64QAM	1	0	19.33	19.22	19.03		
5	64QAM	1	12	19.04	19.11	19.09	21	2
5	64QAM	1	24	19.07	19.20	19.16		
5	64QAM	12	0	18.30	18.13	18.03		
5	64QAM	12	7	18.10	18.09	18.06	20	3
5	64QAM	12	13	18.09	18.28	18.11		
5	64QAM	25	0	18.34	18.28	18.10		
Channel								
Frequency (MHz)								
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	21.09		
3	QPSK	8	0	20.15	20.23	20.13	22	1
3	QPSK	8	4	20.03	20.16	20.10		
3	QPSK	8	7	20.12	20.11	20.02		
3	QPSK	15	0	20.17	20.23	20.23	22	1
3	16QAM	1	0	20.25	20.27	20.13		
3	16QAM	1	8	20.09	20.22	20.14		
3	16QAM	1	14	20.06	20.14	20.06	21	2
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	21	2
3	64QAM	1	14	19.03	19.15	19.14		
3	64QAM	8	0	18.28	18.13	18.04		
3	64QAM	8	4	18.07	18.13	18.05	20	3
3	64QAM	8	7	18.01	18.17	18.09		
3	64QAM	15	0	18.28	18.34	18.02		
Channel								
Frequency (MHz)								



Band 14_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)				23305	23330	23355				
				793						
10	QPSK	1	0	19.71	19.71	19.71	21.5	0		
10	QPSK	1	25	19.67	19.67	19.67				
10	QPSK	1	49	19.63	19.63	19.63				
10	QPSK	25	0	18.71	18.71	18.71	20.5	1		
10	QPSK	25	12	18.66	18.66	18.66				
10	QPSK	25	25	18.62	18.62	18.62				
10	QPSK	50	0	18.69	18.69	18.69	20.5	1		
10	QPSK	50	12	18.63	18.63	18.63				
10	QPSK	50	25	18.59	18.59	18.59				
10	16QAM	1	0	18.80	18.80	18.80	19.5	2		
10	16QAM	1	25	18.75	18.75	18.75				
10	16QAM	1	49	18.63	18.63	18.63				
10	16QAM	25	0	17.72	17.72	17.72	19.5	2		
10	16QAM	25	12	17.64	17.64	17.64				
10	16QAM	25	25	17.52	17.52	17.52				
10	16QAM	50	0	17.78	17.78	17.78	19.5	2		
10	16QAM	50	12	17.88	17.88	17.88				
10	16QAM	50	25	17.68	17.68	17.68				
10	16QAM	1	25	17.59	17.59	17.59	18.5	3		
10	16QAM	1	49	17.59	17.59	17.59				
10	16QAM	1	73	17.59	17.59	17.59				
10	16QAM	25	0	16.73	16.73	16.73	18.5	3		
10	16QAM	25	12	16.67	16.67	16.67				
10	16QAM	25	25	16.50	16.50	16.50				
10	16QAM	50	0	16.80	16.80	16.80				
Channel				23305	23330	23355				
Frequency (MHz)				790.5	793	795.5				
5	QPSK	1	0	19.62	19.67	19.69	21.5	0		
5	QPSK	1	12	19.57	19.58	19.63				
5	QPSK	1	24	19.59	19.56	19.52				
5	QPSK	12	0	18.59	18.66	18.66	20.5	1		
5	QPSK	12	7	18.52	18.54	18.61				
5	QPSK	12	13	18.55	18.55	18.55				
5	QPSK	25	0	18.54	18.53	18.63	20.5	1		
5	16QAM	1	0	18.67	18.69	18.64				
5	16QAM	1	12	18.55	18.60	18.60				
5	16QAM	1	24	18.54	18.58	18.52	19.5	2		
5	16QAM	12	0	17.61	17.65	17.60				
5	16QAM	12	7	17.53	17.66	17.67				
5	16QAM	12	13	17.64	17.66	17.58	19.5	2		
5	16QAM	25	0	17.62	17.65	17.67				
5	16QAM	1	0	17.81	17.73	17.75				
5	16QAM	1	12	17.61	17.59	17.64	19.5	2		
5	16QAM	1	24	17.66	17.69	17.51				
5	16QAM	12	0	16.65	16.70	16.69				
5	16QAM	12	7	16.56	16.60	16.52	18.5	3		
5	16QAM	12	13	16.63	16.53	16.55				
5	16QAM	25	0	16.77	16.73	16.72				

Band 17_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)				23780	23790	23800		
				709	710	713		
10	QPSK	1	0	21.24	21.24	21.23	23	0
10	QPSK	1	25	21.13	21.21	21.10		
10	QPSK	1	49	21.17	21.23	21.18		
10	QPSK	25	0	20.34	20.35	20.28	22	1
10	QPSK	25	12	20.20	20.31	20.14		
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		
10	16QAM	1	49	20.22	20.26	20.19	21	2
10	16QAM	25	0	19.28	19.33	19.25		
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	16QAM	1	0	19.23	19.20	19.15		
10	16QAM	1	25	19.21	19.30	19.01	21	2
10	16QAM	1	49	19.23	19.33	19.10		
10	16QAM	25	0	18.35	18.35	18.24		
10	16QAM	25	12	18.22	18.23	18.07	20	3
10	16QAM	25	25	18.18	18.29	18.33		
10	16QAM	50	0	18.51	18.35	18.42		
Channel								
Frequency (MHz)				707.5	710	713.5		
5	QPSK	1	0	21.10	21.26	21.16	23	0
5	QPSK	1	12	21.11	21.17	21.07		
5	QPSK	1	24	21.13	21.08	21.04		
5	QPSK	12	0	20.26	20.23	20.25	22	1
5	QPSK	12	7	20.08	20.28	20.09		
5	QPSK	12	13	20.09	20.17	20.16		
5	QPSK	25	0	20.25	20.29	20.24	22	1
5	16QAM	1	0	20.11	20.27	20.13		
5	16QAM	1	12	20.06	20.26	20.28		
5	16QAM	1	24	20.12	20.18	20.02	21	2
5	16QAM	12	0	19.22	19.21	19.13		
5	16QAM	12	7	19.14	19.22	19.27		
5	16QAM	12	13	19.08	19.17	19.23	21	2
5	16QAM	25	0	19.32	19.26	19.22		
5	16QAM	1	0	19.05	19.16	19.04		
5	16QAM	1	12	19.14	19.26	19.20	21	2
5	16QAM	1	24	19.10	19.16	19.04		
5	16QAM	12	0	18.31	18.24	18.17		
5	16QAM	12	7	18.14	18.15	18.01	20	3
5	16QAM	12	13	18.09	18.15	18.22		
5	16QAM	25	0	18.35	18.18	18.25		

Band 25_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)				26115	26340	26650		
				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	38	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	12.82		
15	16QAM	36	20	13.12	14.23	14.01		
15	16QAM	36	38	13.00	13.31	13.00	14.5	2
15	16QAM	75	0	13.25	13.08	13.13		
15	16QAM	1	0	13.32	13.15	13.03		
15	16QAM	1	37	13.21	13.26	12.99	14.5	2
15	16QAM	1	74	13.35	13.36	12.90		
15	16QAM	36	0	12.11	12.12	12.08		
15	16QAM	36	20	12.27	12.18	11.81	13.5	3
15	16QAM	36	38	12.15	12.15	12.01		
15	16QAM	75	0	12.12	13.19	12.94		
Channel								
Frequency (MHz)				26290	26340	26640		
				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	16QAM	50	0	14.16	14.32	14.14	15.5	1
10	16QAM	1	0	13.95	14.17	13.91		
10	16QAM	1	25	13.85	13.88	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	16QAM	1	0	13.21	13.11	12.91		
10	16QAM	1	25	12.97	12.94	12.94	14.5	2
10	16QAM	1	49	13.31	13.13	13.14		
10	16QAM	25	0	12.32	11.94	12.01		
10	16QAM	25	12	12.07	11.84	11.95	13.5	3
10	16QAM	25	25	11.84	12.09	12.01		
10	16QAM	50	0	11.92	11.94	11.95		
Channel								
Frequency (MHz)				26055	26340	26650		
				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				



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								
Frequency (MHz) 27710								
10	QPSK	1	0	13.32			15.5	0
10	QPSK	1	25	13.78				
10	QPSK	1	49	13.71			14.5	1
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				
10	16QAM	1	25	12.74			14.5	1
10	16QAM	1	49	12.74				
10	16QAM	25	0	11.77				
10	16QAM	25	12	11.68				
10	16QAM	25	25	11.58			13.5	2
10	16QAM	50	0	11.78				
10	16QAM	1	0	11.86				
10	16QAM	1	25	11.64				
10	64QAM	1	49	11.86			13.5	2
10	64QAM	25	0	10.78				
10	64QAM	25	12	10.58				
10	64QAM	25	25	10.67				
10	64QAM	50	0	10.80			12.5	3
10	64QAM	100	0	10.80				
Channel								
Frequency (MHz) 27685 27710 27735								
5	QPSK	1	0	13.68	13.75	13.71	15.5	0
5	QPSK	1	12	13.64	13.75	13.73		
5	QPSK	1	24	13.68	13.56	13.65	14.5	1
5	QPSK	12	0	12.52	12.67	12.85		
5	QPSK	12	7	12.59	12.81	12.82		
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		
5	16QAM	1	12	12.61	12.58	12.63	14.5	1
5	16QAM	1	24	12.70	12.66	12.64		
5	16QAM	12	0	11.70	11.68	11.61	13.5	2
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	13.5	2
5	64QAM	1	12	11.59	11.57	11.61		
5	64QAM	1	24	11.51	11.53	11.58	12.5	3
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_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) 132072 132322 132572								
20	QPSK	1	0	14.82	14.75	14.70	16.5	0
20	QPSK	1	49	14.93	15.06	14.85		
20	QPSK	1	99	14.81	15.02	15.05	15.5	1
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	13.96	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	14.5	2
20	16QAM	50	24	12.96	12.98	12.59		
20	16QAM	50	50	12.75	13.05	12.97		
20	16QAM	100	0	12.82	12.83	12.78		
20	64QAM	1	0	13.23	13.12	13.08	14.5	2
20	64QAM	1	49	12.88	13.20	13.00		
20	64QAM	1	99	13.02	12.85	12.97		
20	64QAM	50	0	11.96	11.99	12.08		
20	64QAM	50	24	11.92	11.87	11.72	13.5	3
20	64QAM	50	50	11.82	11.95	11.81		
20	64QAM	100	0	11.96	12.04	11.97		
Channel								
Frequency (MHz) 132047 132322 132597								
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	15.5	1
15	QPSK	39	0	13.72	13.96	13.71		
15	QPSK	39	20	13.75	13.97	13.54		
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	12.78	14.5	2
15	16QAM	36	20	12.82	12.90	12.52		
15	16QAM	39	39	12.89	12.91	12.90		
15	16QAM	75	0	12.74	12.59	12.70		
15	64QAM	1	0	13.12	12.86	12.97	14.5	2
15	64QAM	1	37	12.79	12.96	12.92		
15	64QAM	1	74	12.95	12.70	12.85	13.5	3
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	11.83		
15	64QAM	75	0	11.91	11.83	11.87		
Channel								
Frequency (MHz) 133222 133222 132647								
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	15.5	1
10	QPSK	25	0	13.55	13.83	13.62		
10	QPSK	25	12	13.59	13.74	13.50		
10	QPSK	25	25	13.55	13.55	13.57		
10	QPSK	50	0	13.80	13.88	13.57		
10	16QAM	1	0	13.82	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	14.5	2
10	16QAM	25	12	12.59	12.70	12.58		
10	16QAM	25	25	12.57	12.79	12.79		
10	16QAM	50	0	12.56	12.54	12.64		
10	64QAM	1	0	12.87	12.65	12.82	14.5	2
10	64QAM	1	25	12.68	12.74	12.84		
10	64QAM	1	49	12.84	12.67	12.70	13.5	3
10	64QAM	25	0	11.86	11.84	11.80		
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		
Channel								
Frequency (MHz) 131997 132322 132647								
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	14.55	15.5	1
5	QPSK	12	0	13.56	13.81	13.64		
5	QPSK	12	7	13.58	13.70	13.53		
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	12.52	14.5	2
5	16QAM	12	7	12.81	12.88	12.56		
5	16QAM	12	13	12.58	12.70	12.69		
5	16QAM	25	0	12.55	12.51	12.54		
5	64QAM	1	0	12.82	12.67	12.67	14.5	2
5	64QAM	1	12	12.61	12.55	12.78		
5	64QAM	1	24	12.86	12.51	12.72	13.5	3
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	11.65		
Channel								
Frequency (MHz) 131897 132322 132657								
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	15.5	1
3	QPSK	8	0	13.56	13.80	13.62		
3	QPSK	8	4	13.52	13.66	13.59		
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	0	12.82	12.52	12.70	14.5	2
3	16QAM	8	4	12.51	12.51	12.56		
3	16QAM	8	7	12.57	12.66	12.59		
3	16QAM	15	0	12.58	12.53	12.54		
3	64QAM	1	0	12.80	12.59	12.66	14.5	2
3	64QAM	1	8	12.67	12.64	12.79		
3	64QAM	1	14	12.68	12.62	12.55	13.5	3
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		
Channel								
Frequency (MHz) 131873 132322 132655								
1.4	QPSK	1	0	14.57	14.86	14.51		



Band 2_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									
Frequency (MHz)									
20	QPSK	1	0	13.27	13.33	13.29			
20	QPSK	1	49	13.22	13.31	13.22		15	0
20	QPSK	1	99	13.13	13.26	13.27			
20	QPSK	50	0	12.37	12.39	12.31			
20	QPSK	50	24	12.27	12.37	12.18		14	1
20	QPSK	50	50	12.27	12.30	12.22			
20	QPSK	100	0	12.35	12.42	12.27			
20	16QAM	1	0	12.35	12.40	12.31			
20	16QAM	1	49	12.21	12.34	12.29		14	1
20	16QAM	1	99	12.21	12.25	12.30			
20	16QAM	50	0	11.33	11.38	11.21			
20	16QAM	50	24	11.20	11.37	11.27		13	2
20	16QAM	50	50	11.34	11.22	11.26			
20	16QAM	100	0	11.34	11.51	11.34			
20	84QAM	1	0	11.31	11.49	11.33			
20	84QAM	1	49	11.25	11.34	11.23		13	2
20	84QAM	1	99	11.28	11.25	11.40			
20	84QAM	50	0	10.30	10.35	10.18			
20	84QAM	50	24	10.23	10.46	10.24		12	3
20	84QAM	50	50	10.40	10.18	10.16			
20	84QAM	100	0	10.39	10.49	10.34			
Channel									
Frequency (MHz)									
15	QPSK	1	0	13.18	13.31	13.14			
15	QPSK	1	37	13.17	13.27	13.18		15	0
15	QPSK	1	74	13.08	13.12	13.13			
15	QPSK	35	0	12.32	12.34	12.27			
15	QPSK	35	20	12.14	12.19	12.14		14	1
15	QPSK	35	39	12.21	12.25	12.16			
15	QPSK	75	0	12.23	12.37	12.23			
15	16QAM	1	0	12.19	12.27	12.28			
15	16QAM	1	37	12.09	12.31	12.23		14	1
15	16QAM	1	74	12.12	12.22	12.22			
15	16QAM	35	0	11.26	11.30	11.16			
15	16QAM	35	20	11.30	11.24	11.29		13	2
15	16QAM	35	39	11.18	11.08	11.21			
15	16QAM	75	0	11.26	11.39	11.19			
15	84QAM	1	0	11.13	11.40	11.20			
15	84QAM	1	37	11.19	11.29	11.11		13	2
15	84QAM	1	74	11.25	11.08	11.22			
15	84QAM	35	0	10.21	10.31	10.09			
15	84QAM	35	20	10.21	10.31	10.08		12	3
15	84QAM	35	39	10.31	10.09	10.27			
15	84QAM	75	0	10.34	10.34	10.24			
Channel									
Frequency (MHz)									
10	QPSK	1	0	13.18	13.23	13.15			
10	QPSK	1	25	13.18	13.27	13.15		15	0
10	QPSK	1	49	13.01	13.11	13.25			
10	QPSK	25	0	12.28	12.34	12.26			
10	QPSK	25	12	12.10	12.24	12.03		14	1
10	QPSK	25	25	12.13	12.22	12.19			
10	QPSK	50	0	12.26	12.38	12.09			
10	16QAM	1	0	12.31	12.33	12.24			
10	16QAM	1	25	12.12	12.30	12.18		14	1
10	16QAM	1	49	12.16	12.18	12.18			
10	16QAM	25	0	11.24	11.20	11.18			
10	16QAM	25	12	11.14	11.31	11.10		13	2
10	16QAM	25	25	11.24	11.11	11.20			
10	16QAM	50	0	11.27	11.47	11.22			
10	84QAM	1	0	11.18	11.40	11.26		13	2
10	84QAM	1	25	11.08	11.22	11.14			
10	84QAM	1	49	11.12	11.21	11.33			
10	84QAM	25	0	10.16	10.29	10.16			
10	84QAM	25	12	10.20	10.32	10.08		12	3
10	84QAM	25	25	10.32	10.62	10.01			
10	84QAM	50	0	10.33	10.46	10.21			
Channel									
Frequency (MHz)									
5	QPSK	1	0	13.12	13.20	13.14			
5	QPSK	1	12	13.18	13.15	13.09		15	0
5	QPSK	1	24	13.05	13.24	13.14			
5	QPSK	12	0	12.31	12.22	12.06			
5	QPSK	12	7	12.19	12.19	12.02		14	1
5	QPSK	12	13	12.23	12.18	12.10			
5	QPSK	25	0	12.20	12.33	12.21			
5	16QAM	1	0	12.19	12.34	12.22			
5	16QAM	1	12	12.04	12.21	12.11		14	1
5	16QAM	1	24	12.06	12.13	12.20			
5	16QAM	12	0	11.23	11.35	11.07			
5	16QAM	12	7	11.18	11.26	11.11		13	2
5	16QAM	12	13	11.20	11.10	11.17			
5	16QAM	25	0	11.22	11.45	11.32			
5	84QAM	1	0	11.14	11.46	11.28			
5	84QAM	1	12	11.13	11.24	11.11		13	2
5	84QAM	1	24	11.15	11.09	11.27			
5	84QAM	12	0	10.22	10.24	10.08			
5	84QAM	12	7	10.27	10.42	10.19		12	3
5	84QAM	12	13	10.27	10.10	10.08			
5	84QAM	25	0	10.25	10.33	10.18			
Channel									
Frequency (MHz)									
3	QPSK	1	0	13.16	13.28	13.13			
3	QPSK	1	8	13.16	13.28	13.10		15	0
3	QPSK	1	14	13.11	13.13	13.25			
3	QPSK	8	0	12.35	12.33	12.22			
3	QPSK	8	4	12.20	12.28	12.17		14	1
3	QPSK	8	7	12.34	12.13	12.04			
3	QPSK	15	0	12.33	12.26	12.23			
3	16QAM	1	0	12.17	12.38	12.18			
3	16QAM	1	8	12.10	12.19	12.22		14	1
3	16QAM	1	14	12.14	12.17	12.20			
3	16QAM	8	0	11.20	11.22	11.17			
3	16QAM	8	4	11.18	11.25	11.18		13	2
3	16QAM	8	7	11.24	11.16	11.21			
3	16QAM	15	0	11.27	11.48	11.19			
3	84QAM	1	0	11.28	11.46	11.30			
3	84QAM	1	8	11.14	11.25	11.18		13	2
3	84QAM	1	14	11.19	11.21	11.25			
3	84QAM	8	0	10.21	10.23	10.06			
3	84QAM	8	4	10.05	10.43	10.12		12	3
3	84QAM	8	7	10.32	10.08	10.09			
3	84QAM	15	0	10.29	10.38	10.27			
Channel									
Frequency (MHz)									
1.4	QPSK	1	0	13.25	13.22	13.18			
1.4	QPSK	1	3	13.09	13.26	13.14		15	0
1.4	QPSK	1	5	13.07	13.11	13.19			
1.4	QPSK	3	0	13.22	13.25	13.14			
1.4	QPSK	3	1	13.20	13.31	13.12			
1.4	QPSK	3	3	13.18	13.23	13.07		14	1
1.4	QPSK	6	0	12.32	12.35	12.21			
1.4	16QAM	1	0	12.21	12.35	12.27			
1.4	16QAM	1	3	12.06	12.18	12.14		14	1
1.4	16QAM	1	5	12.03	12.20	12.17			
1.4	16QAM	3	0	12.20	12.32	12.17			
1.4	16QAM	3	1	12.04	12.32	12.11		13	2
1.4	16QAM	3	3	12.23	12.14	12.22			
1.4	16QAM	6	0	11.29	11.49	11.25		13	2
1.4	84QAM	1	0	11.26	11.43	11.31			
1.4	84QAM	1	3	11.17	11.23	11.13		13	2
1.4	84QAM	1	5	11.19	11.14	11.37			
1.4	84QAM	3	0	11.18	11.32	11.03			
1.4	84QAM	3	1	11.09	11.30	11.16			
1.4	84QAM	3	3	11.25	11.13	11.04			
1.4	84QAM	6	0	10.27	10.38	10.20		12	3

Band 4_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									
Frequency (MHz)									
20	QPSK	1	0	14.54	14.61	14.59			
20	QPSK	1	49	14.53	14.56	14.52		16	0
20	QPSK	1	99	14.53	14.71	14.54			
20	QPSK	50	0	13.67	13.75	13.61			
20	QPSK	50	24	13.64	13.52	13.40		15	1
20	QPSK	50	50	13.63	13.60	13.51			
20	QPSK	100	0	13.68	13.75	13.71			
20	16QAM	1	0	13.52	13.75	13.52		15	1
20	16QAM	1	49	13.43	13.61	13.41			
20	16QAM	1	99	13.37	13.57	13.56			
20	16QAM	50	0	12.60	12.65	12.73			
20	16QAM	50	24	12.64	12.60	12.50		14	2
20	16QAM	50	50	12.44	12.77	12.38			
20	16QAM	100	0	12.53	12.71	12.75			
20	84QAM	1	0	12.54	12.66	12.50			
20	84QAM	1	49	12.57	12.52	12.54		14	2
20	84QAM	1	99	12.36	12.58	12.51			
20	84QAM	50	0	11.74	11.60	11.58			
20	84QAM	50	24	11.86	11.81	11.71			
20	84QAM	50	50	11.49	11.63	11.37		13	3
20	84QAM	100</							



Band 7_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				20850	21100	21350		
Frequency (MHz)				2510	2535	2560		
20	QPSK	1	0	17.59	17.74	17.88	19.5	0
20	QPSK	1	49	17.58	17.68	17.55		
20	QPSK	1	99	17.65	17.67	17.64	18.5	1
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	18.5	1
20	16QAM	1	0	16.66	16.80	16.75		
20	16QAM	1	49	15.67	15.62	15.63	17.5	2
20	16QAM	1	99	15.68	15.65	15.72		
20	16QAM	50	0	15.78	15.81	15.88	17.5	2
20	16QAM	50	24	15.68	15.69	15.73		
20	16QAM	50	50	15.63	15.80	15.88	17.5	2
20	16QAM	100	0	15.71	15.85	15.80		
20	16QAM	1	0	15.70	15.76	15.83	17.5	2
20	64QAM	1	49	15.74	15.62	15.62		
20	64QAM	1	99	14.82	14.88	14.77	16.5	3
20	64QAM	50	0	14.86	14.84	14.65		
20	64QAM	50	24	14.74	14.70	14.75	16.5	3
20	64QAM	50	50	14.64	14.82	14.59		
20	64QAM	100	0	14.64	14.80	14.73		
Channel				20825	21100	21375		
Frequency (MHz)				2507.5	2535	2562.5		
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	18.5	1
15	QPSK	36	0	16.82	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	18.5	1
15	16QAM	1	0	16.57	16.68	16.60		
15	16QAM	1	37	16.64	16.58	16.50	17.5	2
15	16QAM	1	74	16.62	16.59	16.69		
15	16QAM	36	0	15.66	15.73	15.69	17.5	2
15	16QAM	36	20	15.82	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	17.5	2
15	64QAM	1	37	15.59	15.81	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	16.5	3
15	64QAM	36	39	14.83	14.87	14.59		
15	64QAM	75	0	14.61	14.69	14.64		
Channel				20990	21100	21400		
Frequency (MHz)				2505	2535	2565		
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	18.5	1
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	18.5	1
10	16QAM	1	0	16.51	16.77	16.63		
10	16QAM	1	25	16.58	16.50	16.59	17.5	2
10	16QAM	1	49	16.66	16.61	16.57		
10	16QAM	25	0	15.66	15.76	15.73	17.5	2
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	17.5	2
10	64QAM	1	25	15.72	15.50	15.51		
10	64QAM	1	49	15.51	15.51	15.84	16.5	3
10	64QAM	25	0	14.70	14.66	14.79		
10	64QAM	25	12	14.64	14.55	14.72	16.5	3
10	64QAM	25	25	14.60	14.69	14.51		
10	64QAM	50	0	14.59	14.65	14.63		
Channel				20775	21100	21425		
Frequency (MHz)				2502.5	2535	2567.5		
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	18.5	1
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	18.5	1
5	16QAM	1	0	16.57	16.66	16.62		
5	16QAM	1	12	16.64	16.55	16.57	17.5	2
5	16QAM	1	24	16.54	16.57	16.69		
5	16QAM	12	0	15.68	15.63	15.92	17.5	2
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	15.80	15.79	17.5	2
5	64QAM	1	12	15.65	15.57	15.55		
5	64QAM	1	24	15.56	15.53	15.74	16.5	3
5	64QAM	12	0	14.73	14.72	14.68		
5	64QAM	12	7	14.83	14.68	14.69	16.5	3
5	64QAM	12	13	14.56	14.68	14.53		
5	64QAM	25	0	14.61	14.74	14.62		

Band 12_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				23660	23995	24330		
Frequency (MHz)				7074	7074.5	7111		
10	QPSK	1	0	21.78	21.86	21.71	23	0
10	QPSK	1	25	21.74	21.84	21.62		
10	QPSK	1	49	21.72	21.76	21.61	22	1
10	QPSK	25	0	20.89	20.84	20.74		
10	QPSK	25	12	20.86	20.80	20.65	22	1
10	QPSK	25	25	20.67	20.78	20.60		
10	QPSK	50	0	20.84	20.89	20.78	22	1
10	16QAM	1	0	20.82	20.87	20.69		
10	16QAM	1	25	20.89	20.79	20.59	22	1
10	16QAM	1	49	20.87	20.72	20.67		
10	16QAM	25	0	19.77	19.75	19.65	21	2
10	16QAM	25	12	19.66	19.71	19.74		
10	16QAM	25	25	19.57	19.73	19.61	21	2
10	16QAM	50	0	19.89	19.97	19.70		
10	64QAM	1	0	19.87	19.80	19.67	21	2
10	64QAM	1	25	19.88	19.73	19.67		
10	64QAM	1	49	19.58	19.74	19.69	20	3
10	64QAM	25	0	18.84	18.66	18.63		
10	64QAM	25	12	18.73	18.75	18.65	20	3
10	64QAM	25	25	18.80	18.81	18.55		
10	64QAM	50	0	18.91	18.92	18.66		
Channel				23035	23995	24355		
Frequency (MHz)				7071.5	707.5	713.5		
5	QPSK	1	0	21.84	21.71	21.68	23	0
5	QPSK	1	12	21.72	21.81	21.60		
5	QPSK	1	24	21.68	21.62	21.53	22	1
5	QPSK	12	0	20.97	20.89	20.66		
5	QPSK	12	7	20.51	20.74	20.57	22	1
5	QPSK	12	13	20.53	20.74	20.57		
5	QPSK	25	0	20.79	20.78	20.62	22	1
5	16QAM	1	0	20.79	20.81	20.56		
5	16QAM	1	12	20.60	20.69	20.56	21	2
5	16QAM	1	24	20.54	20.66	20.63		
5	16QAM	12	0	19.67	19.66	19.48	21	2
5	16QAM	12	7	19.49	19.57	19.56		
5	16QAM	12	13	19.55	19.60	19.59	21	2
5	16QAM	25	0	19.81	19.81	19.61		
5	64QAM	1	0	19.83	19.72	19.53	21	2
5	64QAM	1	12	19.54	19.61	19.59		
5	64QAM	1	24	19.47	19.70	19.66	20	3
5	64QAM	12	0	18.80	18.63	18.53		
5	64QAM	12	7	18.60	18.59	18.56	20	3
5	64QAM	12	13	18.49	18.78	18.41		
5	64QAM	25	0	18.94	18.78	18.60		
Channel				23025	23995	24365		
Frequency (MHz)				707.5	707.5	714.5		
3	QPSK	1	0	21.80	21.69	21.55	23	0
3	QPSK	1	8	21.59	21.77	21.55		
3	QPSK	1	14	21.62	21.72	21.59	22	1
3	QPSK	8	0	20.65	20.73	20.63		
3	QPSK	8	4	20.49	20.66	20.60	22	1
3	QPSK	8	7	20.62	20.61	20.52		
3	QPSK	15	0	20.97	20.73	20.73	22	1
3	16QAM	1	0	20.75</				



Band 14_DSII7 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				23305	23330	23355		
Frequency (MHz)				793				
10	QPSK	1	0	18.88			20.5	0
10	QPSK	1	25	18.83				
10	QPSK	1	49	18.77				
10	QPSK	25	0	17.69				
10	QPSK	25	12	17.66			19.5	1
10	QPSK	25	25	17.62				
10	QPSK	50	0	17.67				
10	16QAM	1	0	17.76			19.5	1
10	16QAM	1	25	17.71				
10	16QAM	1	49	17.62				
10	16QAM	25	0	16.83				
10	16QAM	25	12	16.66			18.5	2
10	16QAM	25	25	16.64				
10	16QAM	50	0	16.83				
10	16QAM	1	0	16.80				
10	16QAM	1	25	16.74			18.5	2
10	16QAM	1	49	16.70				
10	16QAM	25	0	15.65				
10	16QAM	25	12	15.58			17.5	3
10	16QAM	25	25	15.73				
10	16QAM	50	0	15.56				
Channel				23305	23330	23355		
Frequency (MHz)				790.5	793	795.5		
5	QPSK	1	0	18.59	18.54	18.63	20.5	0
5	QPSK	1	12	18.59	18.54	18.55		
5	QPSK	1	24	18.53	18.58	18.57		
5	QPSK	12	0	17.52	17.65	17.54		
5	QPSK	12	7	17.62	17.51	17.56		
5	QPSK	12	13	17.51	17.52	17.53		
5	QPSK	25	0	17.59	17.59	17.62	19.5	1
5	16QAM	1	0	17.60	17.70	17.66		
5	16QAM	1	12	17.54	17.57	17.63	19.5	1
5	16QAM	1	24	17.56	17.55	17.53		
5	16QAM	12	0	16.59	16.59	16.51		
5	16QAM	12	7	16.60	16.60	16.52		
5	16QAM	12	13	16.56	16.58	16.59		
5	16QAM	25	0	16.57	16.59	16.63		
5	16QAM	1	0	16.65	16.64	16.67	18.5	2
5	16QAM	1	12	16.58	16.58	16.59		
5	16QAM	1	24	16.65	16.57	16.55		
5	16QAM	12	0	15.61	15.61	15.57		
5	16QAM	12	7	15.54	15.56	15.61		
5	16QAM	12	13	15.63	15.68	15.61		
5	16QAM	25	0	15.53	15.52	15.51	17.5	3

Band 17_DSII7 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				23780	23790	23800		
Frequency (MHz)				709	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		
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		
10	16QAM	1	0	20.22	20.29	20.20	22	1
10	16QAM	1	25	20.12	20.29	20.01		
10	16QAM	1	49	20.22	20.26	20.19		
10	16QAM	25	0	19.28	19.33	19.25		
10	16QAM	25	12	19.17	19.24	19.11	21	2
10	16QAM	25	25	19.12	19.23	19.26		
10	16QAM	50	0	19.45	19.41	19.38		
10	16QAM	1	0	19.23	19.20	19.15		
10	16QAM	1	25	19.21	19.30	19.01	21	2
10	16QAM	1	49	19.23	19.33	19.10		
10	16QAM	25	0	18.35	18.35	18.24		
10	16QAM	25	12	18.22	18.23	18.07	20	3
10	16QAM	25	25	18.18	18.29	18.33		
10	16QAM	50	0	18.51	18.35	18.42		
Channel				23755	23790	23825		
Frequency (MHz)				708.5	710	713.5		
5	QPSK	1	0	21.10	21.26	21.16	23	0
5	QPSK	1	12	21.11	21.17	21.07		
5	QPSK	1	24	21.13	21.08	21.04		
5	QPSK	12	0	20.26	20.23	20.25		
5	QPSK	12	7	20.08	20.28	20.09		
5	QPSK	12	13	20.09	20.17	20.16		
5	QPSK	25	0	20.25	20.29	20.24	22	1
5	16QAM	1	0	20.11	20.27	20.13		
5	16QAM	1	12	20.06	20.26	20.28	22	1
5	16QAM	1	24	20.12	20.18	20.02		
5	16QAM	12	0	19.22	19.21	19.13		
5	16QAM	12	7	19.14	19.22	19.27		
5	16QAM	12	13	19.08	19.17	19.23		
5	16QAM	25	0	19.32	19.26	19.22		
5	16QAM	1	0	19.05	19.16	19.04		
5	16QAM	1	12	19.14	19.26	19.19	21	2
5	16QAM	1	24	19.10	19.16	19.04		
5	16QAM	12	0	18.31	18.24	18.17		
5	16QAM	12	7	18.14	18.15	18.01		
5	16QAM	12	13	18.09	18.15	18.22		
5	16QAM	25	0	18.35	18.18	18.25	20	3

Band 25_DSII7 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				26140	26340	26550		
Frequency (MHz)				1890	1930	1970		
20	QPSK	1	0	13.36	13.36	13.36	15	0
20	QPSK	1	49	13.26	13.35	13.19		
20	QPSK	1	99	13.28	13.31	13.17		
20	QPSK	50	0	12.44	12.48	12.23		
20	QPSK	50	24	12.37	12.43	12.21	14	1
20	QPSK	50	50	12.37	12.46	12.17		
20	QPSK	100	0	12.42	12.44	12.28		
20	16QAM	1	0	12.36	12.31	12.27	14	1
20	16QAM	1	49	12.29	12.32	12.15		
20	16QAM	1	99	12.29	12.40	12.10		
20	16QAM	50	0	11.43	11.41	11.25		
20	16QAM	50	24	11.46	11.40	11.13	13	2
20	16QAM	50	50	11.36	11.44	11.19		
20	16QAM	100	0	11.36	11.36	11.36		
20	16QAM	1	0	11.43	11.25	11.28		
20	16QAM	1	49	11.31	11.29	11.16	13	2
20	16QAM	1	99	11.32	11.32	11.08		
20	16QAM	50	0	10.43	10.41	10.26		
20	16QAM	50	24	10.39	10.34	10.07	12	3
20	16QAM	50	50	10.29	10.42	10.26		
20	16QAM	100	0	10.32	10.40	10.30		
Channel				26115	26340	26675		
Frequency (MHz)				1857.5	1880	1907.5		
15	QPSK	1	0	13.24	13.28	13.10	15	0
15	QPSK	1	37	13.11	13.22	13.13		
15	QPSK	1	74	13.21	13.19	13.12		
15	QPSK	38	0	12.40	12.38	12.15		
15	QPSK	38	20	12.25	12.32	12.14		
15	QPSK	38	38	12.20	12.44	12.08		
15	QPSK	75	0	12.39	12.32	12.20	14	1
15	16QAM	1	0	12.21	12.14	12.24		
15	16QAM	1	37	12.23	12.15	12.07	14	1
15	16QAM	1	74	12.19	12.33	12.08		
15	16QAM	38	0	11.30	11.35	11.20		
15	16QAM	38	20	11.32	11.37	11.15		
15	16QAM	38	38	11.20	11.37	11.15		
15	16QAM	75	0	11.32	11.19	11.20	13	2
15	16QAM	1	0	11.39	11.07	11.26		
15	16QAM	1	37	11.27	11.17	11.09	13	2
15	16QAM	1	74	11.31	11.29	11.07		
15	16QAM	38	0	10.31	10.26	10.22		
15	16QAM	38	20	10.33	10.28	10.16		
15	16QAM	38	38	10.14	10.38	10.16		
15	16QAM	75	0	10.22	10.27	10.21	12	3
Channel				26090	26340	26640		
Frequency (MHz)				1855	1880	1910		
10	QPSK	1	0	13.24	13.33	13.09	15	0
10	QPSK	1	25	13.16	13.23	13.06		
10	QPSK	1	49	13.26	13.16	13.11		
10	QPSK	25	0	12.35	12.39	12.06		
10	QPSK	25	12	12.34	12.29	12.19		
10	QPSK	25	25	12.33	12.42	12.11	14	1
10	16QAM	50	0	12.34	12.34	12.08		
10	16QAM	1	0	12.28	12.1			



Band 30_DSI7 Ant0 for ENDC

Channel	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel 27710					
Frequency (MHz)			27700		
10	QPSK	1	0	12.80	14.5
10	QPSK	1	25	12.78	0
10	QPSK	1	49	12.71	
10	QPSK	25	0	11.71	13.5
10	QPSK	25	12	11.65	1
10	QPSK	25	25	11.67	
10	QPSK	50	0	11.73	
10	16QAM	1	0	11.84	13.5
10	16QAM	1	25	11.89	1
10	16QAM	1	49	11.79	
10	16QAM	25	0	10.76	
10	16QAM	25	12	10.69	12.5
10	16QAM	25	25	10.68	2
10	16QAM	50	0	10.70	
10	64QAM	1	0	10.82	
10	64QAM	1	25	10.68	12.5
10	64QAM	1	49	10.74	2
10	64QAM	25	0	9.82	
10	64QAM	25	12	9.67	11.5
10	64QAM	25	25	9.77	3
10	64QAM	50	0	9.71	
Channel 27710					
Frequency (MHz)			27735		
5	QPSK	1	0	12.68	14.5
5	QPSK	1	12	12.72	0
5	QPSK	1	24	12.64	
5	QPSK	12	0	11.54	13.5
5	QPSK	12	7	11.54	1
5	QPSK	12	13	11.57	
5	QPSK	25	0	11.69	
5	16QAM	1	0	11.76	13.5
5	16QAM	1	12	11.51	1
5	16QAM	1	24	11.64	
5	16QAM	12	0	10.67	12.5
5	16QAM	12	7	10.57	2
5	16QAM	12	13	10.58	
5	16QAM	25	0	10.51	
5	64QAM	1	0	10.81	12.5
5	64QAM	1	12	10.56	2
5	64QAM	1	24	10.58	
5	64QAM	12	0	9.78	11.5
5	64QAM	12	7	9.58	3
5	64QAM	12	13	9.72	
5	64QAM	25	0	9.52	

Band 66_DSI7 Ant0 for ENDC

Channel	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel 1770					
Frequency (MHz)			1770		
20	QPSK	1	0	14.13	16
20	QPSK	1	49	14.11	0
20	QPSK	1	99	14.11	
20	QPSK	50	0	13.13	15
20	QPSK	50	24	13.07	1
20	QPSK	50	50	13.15	
20	QPSK	100	0	13.05	
20	16QAM	1	0	13.25	15
20	16QAM	1	49	13.16	1
20	16QAM	1	99	13.06	
20	16QAM	50	0	12.28	
20	16QAM	50	24	12.16	14
20	16QAM	50	50	12.16	2
20	16QAM	100	0	12.07	
20	64QAM	1	0	12.30	14
20	64QAM	1	49	12.02	2
20	64QAM	1	99	12.15	
20	64QAM	50	0	11.15	13
20	64QAM	50	24	11.25	3
20	64QAM	50	50	11.04	
20	64QAM	100	0	11.20	
Channel 132072					
Frequency (MHz)			132072		
15	QPSK	1	0	14.08	16
15	QPSK	1	37	14.15	0
15	QPSK	1	74	14.28	
15	QPSK	38	0	13.12	15
15	QPSK	38	20	13.19	1
15	QPSK	38	39	13.19	
15	QPSK	75	0	13.09	
15	16QAM	1	0	13.34	15
15	16QAM	1	37	13.25	1
15	16QAM	1	74	13.04	
15	16QAM	36	0	12.31	14
15	16QAM	36	20	12.13	2
15	16QAM	36	39	12.13	
15	16QAM	75	0	12.04	
15	64QAM	1	0	12.38	14
15	64QAM	1	37	12.07	2
15	64QAM	1	74	12.21	
15	64QAM	36	0	11.09	13
15	64QAM	36	20	11.28	3
15	64QAM	36	39	11.05	
15	64QAM	75	0	11.29	
Channel 132647					
Frequency (MHz)			132647		
10	QPSK	1	0	14.17	16
10	QPSK	1	25	14.13	0
10	QPSK	1	49	14.25	
10	QPSK	25	0	13.28	15
10	QPSK	25	12	13.09	1
10	QPSK	25	25	13.13	
10	QPSK	50	0	13.07	
10	16QAM	1	0	13.40	15
10	16QAM	1	25	13.11	1
10	16QAM	1	49	13.10	
10	16QAM	25	0	12.31	
10	16QAM	25	12	12.17	14
10	16QAM	25	25	12.30	2
10	16QAM	50	0	12.24	
10	64QAM	1	0	12.42	14
10	64QAM	1	25	12.14	2
10	64QAM	1	49	12.10	
10	64QAM	25	0	11.20	13
10	64QAM	25	12	11.26	3
10	64QAM	25	25	11.02	
10	64QAM	50	0	11.22	
Channel 131997					
Frequency (MHz)			131997		
5	QPSK	1	0	14.11	16
5	QPSK	1	12	14.05	0
5	QPSK	1	24	14.23	
5	QPSK	12	0	13.29	15
5	QPSK	12	7	13.04	1
5	QPSK	12	13	13.29	
5	QPSK	25	0	13.04	
5	16QAM	1	0	13.30	15
5	16QAM	1	12	13.06	1
5	16QAM	1	24	13.23	
5	16QAM	12	0	12.15	14
5	16QAM	12	7	12.03	2
5	16QAM	12	13	12.11	
5	16QAM	25	0	12.03	
5	64QAM	1	0	12.35	14
5	64QAM	1	12	12.35	2
5	64QAM	1	24	12.35	
5	64QAM	12	0	11.03	13
5	64QAM	12	7	11.17	3
5	64QAM	12	13	11.11	
5	64QAM	25	0	11.11	
Channel 131887					
Frequency (MHz)			131887		
3	QPSK	1	0	14.18	16
3	QPSK	1	8	14.23	0
3	QPSK	1	14	14.18	
3	QPSK	8	0	13.14	15
3	QPSK	8	4	13.16	1
3	QPSK	8	7	13.16	
3	QPSK	15	0	13.14	
3	16QAM	1	0	13.28	15
3	16QAM	1	8	13.07	1
3	16QAM	1	14	13.08	
3	16QAM	8	0	12.26	
3	16QAM	8	4	12.09	14
3	16QAM	8	7	12.26	2
3	16QAM	15	0	12.26	
3	64QAM	1	0	12.25	14
3	64QAM	1	8	12.06	2
3	64QAM	1	14	12.07	
3	64QAM	8	0	11.09	13
3	64QAM	8	4	11.24	3
3	64QAM	8	7	11.08	
3	64QAM	15	0	11.14	
Channel 131917					
Frequency (MHz)			131917		
1.4	QPSK	1	0	14.38	16
1.4	QPSK	1	3	14.13	0
1.4	QPSK	1	5	14.29	
1.4	QPSK	3	0	14.13	15
1.4	QPSK	3	1	14.29	1
1.4	QPSK	3	3	14.13	
1.4	QPSK	6	0	13.26	
1.4	16QAM	1	0	13.48	15
1.4	16QAM	1	3	13.27	1
1.4	16QAM	1	5	13.19	
1.4	16QAM	3	0	13.48	14
1.4	16QAM	3	1	13.27	2
1.4	16QAM	3	3	13.19	
1.4	16QAM	6	0	12.46	14
1.4	64QAM	1	0	12.45	2
1.4	64QAM	1	3	12.19	
1.4	64QAM	1	5	12.15	14
1.4	64QAM	3	0	12.45	2
1.4	64QAM	3	1	12.19	
1.4	64QAM	3	3	12.15	13
1.4	64QAM	6	0	11.34	3



Band 2_DSI6 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	15.00	15.00	17.08		
20	QPSK	1	49	16.99	17.15	16.99	18.5	0
20	QPSK	1	99	17.01	16.85	16.86		
20	QPSK	50	0	16.07	16.20	15.87		
20	QPSK	50	24	16.14	16.14	16.01	17.5	1
20	QPSK	50	50	16.06	16.00	15.94		
20	QPSK	100	0	16.16	16.18	15.86		
20	16QAM	1	0	16.02	15.94	16.09		
20	16QAM	1	49	15.84	15.95	16.00	17.5	1
20	16QAM	1	99	15.91	15.99	15.98		
20	16QAM	50	0	15.06	15.23	15.11		
20	16QAM	50	24	15.08	15.19	15.05	16.5	2
20	16QAM	50	50	15.12	15.00	14.88		
20	16QAM	100	0	15.03	14.88	14.90		
20	64QAM	1	0	15.15	15.10	15.13		
20	64QAM	1	49	14.93	15.10	15.13	16.5	2
20	64QAM	1	99	14.73	14.92	14.83		
20	64QAM	50	0	14.18	14.08	14.14		
20	64QAM	50	24	14.16	14.07	14.01		
20	64QAM	50	50	14.16	14.08	14.08	15.5	3
20	64QAM	100	0	13.87	13.93	13.83		
Channel								
Frequency (MHz)								
15	QPSK	1	0	16.91	17.09	16.84		
15	QPSK	1	37	16.92	16.92	16.88	18.5	0
15	QPSK	1	74	16.96	16.59	16.59		
15	QPSK	36	0	15.03	14.92	15.19		
15	QPSK	36	20	15.99	15.87	15.81	17.5	1
15	QPSK	36	39	15.82	15.76	15.80		
15	QPSK	75	0	16.03	16.10	15.78		
15	16QAM	1	0	15.82	15.73	16.05		
15	16QAM	1	37	15.70	15.79	15.88	17.5	1
15	16QAM	1	74	15.67	15.86	15.76		
15	16QAM	36	0	14.96	15.09	15.08		
15	16QAM	36	20	14.93	14.92	14.99	16.5	2
15	16QAM	36	39	14.96	14.91	14.85		
15	16QAM	75	0	14.81	14.70	14.87		
15	64QAM	1	0	15.05	14.83	15.07		
15	64QAM	1	37	14.69	14.83	14.91	16.5	2
15	64QAM	1	74	14.61	14.77	14.70		
15	64QAM	36	0	13.94	14.04	14.06		
15	64QAM	36	20	14.09	13.85	13.77	15.5	3
15	64QAM	36	39	14.22	13.98	14.03		
15	64QAM	75	0	13.82	13.68	13.66		
Channel								
Frequency (MHz)								
10	QPSK	1	0	16.81	17.02	16.83		
10	QPSK	1	25	16.73	16.78	16.81	18.5	0
10	QPSK	1	49	16.79	16.52	16.52		
10	QPSK	25	0	15.79	15.85	15.61		
10	QPSK	25	12	15.72	15.74	15.71	17.5	1
10	QPSK	25	25	15.56	15.52	15.59		
10	QPSK	50	0	14.95	15.05	15.12		
10	16QAM	1	0	15.72	15.50	15.91		
10	16QAM	1	25	15.56	15.54	15.61	17.5	1
10	16QAM	1	49	15.53	15.77	15.54		
10	16QAM	25	0	14.77	15.01	14.81		
10	16QAM	25	12	14.81	14.75	14.76	16.5	2
10	16QAM	25	25	14.76	14.82	14.52		
10	16QAM	50	0	14.63	14.61	14.57		
10	64QAM	1	0	15.00	14.98	14.85		
10	64QAM	1	25	14.86	14.74	14.79	16.5	2
10	64QAM	1	49	14.53	14.50	14.62		
10	64QAM	25	0	13.86	13.79	13.96		
10	64QAM	25	12	13.89	13.83	13.58	15.5	3
10	64QAM	25	25	13.89	13.84	13.87		
10	64QAM	50	0	13.74	13.63	13.55		
Channel								
Frequency (MHz)								
5	QPSK	1	0	16.80	17.02	16.53		
5	QPSK	1	12	16.74	16.93	16.92	18.5	0
5	QPSK	1	24	16.79	16.59	16.56		
5	QPSK	12	0	15.75	15.96	15.83		
5	QPSK	12	7	15.81	15.78	15.75	17.5	1
5	QPSK	12	13	15.57	15.53	15.57		
5	QPSK	25	0	15.85	15.95	15.56		
5	16QAM	1	0	15.62	15.57	15.81		
5	16QAM	1	12	15.68	15.58	15.57	17.5	1
5	16QAM	1	24	15.58	15.74	15.50		
5	16QAM	12	0	13.82	13.95	14.06		
5	16QAM	12	7	14.78	14.68	14.70	16.5	2
5	16QAM	12	13	14.80	14.70	14.53		
5	16QAM	25	0	14.58	14.61	14.61		
5	64QAM	1	0	14.88	14.68	14.85		
5	64QAM	1	12	14.51	14.63	14.81	16.5	2
5	64QAM	1	24	14.59	14.55	14.52		
5	64QAM	12	0	13.76	13.73	14.02		
5	64QAM	12	7	13.89	13.85	13.52	15.5	3
5	64QAM	12	13	13.78	13.83	13.91		
5	64QAM	25	0	13.83	13.65	13.60		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	16.70	16.97	16.52		
1.4	QPSK	1	3	16.64	16.82	16.83	18.5	0
1.4	QPSK	1	5	16.72	16.52	16.57		
1.4	QPSK	3	0	16.73	17.00	16.59		
1.4	QPSK	3	1	16.53	16.80	16.81	17.5	1
1.4	QPSK	3	3	16.69	16.59	16.67		
1.4	QPSK	6	0	15.97	15.92	15.63		
1.4	16QAM	1	0	15.79	15.61	15.97		
1.4	16QAM	1	5	14.84	14.54	14.71	17.5	1
1.4	16QAM	1	5	15.59	15.89	15.83		
1.4	16QAM	3	0	15.87	15.62	16.07		
1.4	16QAM	3	1	15.62	15.62	15.63	16.5	2
1.4	16QAM	3	3	15.64	15.87	15.64		
1.4	16QAM	6	0	14.53	14.61	14.64	16.5	2
1.4	64QAM	1	0	14.96	14.62	14.93		
1.4	64QAM	1	3	14.61	14.64	14.76		
1.4	64QAM	1	5	14.84	14.54	14.71	16.5	2
1.4	64QAM	3	0	14.90	14.60	14.90		
1.4	64QAM	3	1	14.58	14.62	14.84		
1.4	64QAM	3	3	14.54	14.50	14.60		
1.4	64QAM	6	0	14.43	14.66	14.80	15.5	3

Band 4_DSI6 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	17.20	17.23	17.43		
20	QPSK	1	49	17.27	17.32	17.34	19	0
20	QPSK	1	99	17.44	17.35	17.52		
20	QPSK	50	0	16.54	16.59	16.37		
20	QPSK	50	24	16.50	16.43	16.44	18	1
20	QPSK	50	50	16.50	16.47	16.36		
20	QPSK	100	0	16.62	16.66	16.41		
20	16QAM	1	0	16.38	16.53	16.48		
20	16QAM	1	49	16.47	16.49	16.33	18	1
20	16QAM	1	99	16.30	16.54	16.45		
20	16QAM	50	0	15.49	15.50	15.36		
20	16QAM	50	24	15.29	15.63	15.63	17	2
20	16QAM	50	50	15.47	15.51	15.26		
20	16QAM	100	0	15.53	15.44	15.37		
20	64QAM	1	0	15.36	15.56	15.64		
20	64QAM	1	49	15.34	15.57	15.44	17	2
20	64QAM	1	99	15.57	15.54	15.45		
20	64QAM	50	0	14.74	14.47	14.44		
20	64QAM	50	24	14.47	14.49	14.24	16	3
20	64QAM	50	50	14.46	14.46	14.44		
20	64QAM	100	0	14.58	14.58	14.21		
Channel								
Frequency (MHz)								
15	QPSK	1	0	17.21	17.47	17.18		
15	QPSK	1	37	17.19	17.25	17.23	19	0
15	QPSK	1	74	17.17	17.19	17.28		
15	QPSK	36	0	16.34	16.45	16.12		
15	QPSK	36	20	16.35	16.29	16.36	18	1
15	QPSK	36	39	16.29	16.38	16.11		
15	QPSK	75	0	16.42	16.40	16.23		
15	16QAM	1	0	16.28	16.30	16.43		
15	16QAM	1	37	16.43	16.44	16.17	18	1
15	16QAM	1	74	16.08	16.36	16.20		
15	16QAM	36	0	15.33	15.40	15.41		
15	16QAM	36	20	15.33	15.28	15.10	17	2
15	16QAM	36	39	15.32	15.28	15.10		
15	16QAM	75	0	15.49	15.37	15.32		
15	64QAM	1	0	15.18	15.45	15.44		
15	64QAM	1	37	15.25	15.54	15.39	17	2
15	64QAM	1	74	15.41	15.19	15.31		
15	64QAM	36	0	14.66	14.20	14.23		
15	64QAM	36	20	14.27	14.24	14.19	16	3
15	64QAM	36	39	14.33	14.23	14.17		
15	64QAM	75	0	14.46	14.38	14.01		
Channel								
Frequency (MHz)								
10	QPSK	1	0	17.15	17.38	17.11		
10	QPSK	1	25	17.06	17.19	17.15	19	0
10	QPSK	1	49	17.14	17.04	17.22		
10	QPSK	25	0	16.24	16.22	16.16		
10	QPSK	25	12	16.11	16.08	16.32	18	1
10	QPSK	25	25	16.10	16.24	16.17		
10	QPSK	50	0	16.30	16.26	16.14		
10	16QAM	1	0	16.13	16.08	16.31		
10	16QAM	1	25	16.32	16.18	16.19	18	1
10	16QAM	1	49	16.19	16.27	16.02		
10	16QAM	25	0	15.21	15.23	15.13		
10	16QAM	25	12	15.08	15.40	15.34	17	2
10	16QAM	25	25	15.13	15.04	1		



Band 7_DS16 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)									
2310 2335 2350									
20	QPSK	1	0	18.13	18.13	18.14			
20	QPSK	1	49	18.03	18.16	18.10	20	0	
20	QPSK	1	99	18.10	18.07	18.11			
20	QPSK	50	0	17.24	17.34	17.29			
20	QPSK	50	24	17.19	17.28	17.25	19	1	
20	QPSK	50	50	17.21	17.23	17.19			
20	QPSK	100	0	17.25	17.31	17.27			
20	16QAM	1	0	17.19	17.15	17.15			
20	16QAM	1	49	17.03	17.17	17.09	19	1	
20	16QAM	1	99	17.20	17.10	17.17			
20	16QAM	50	0	16.34	16.38	16.29			
20	16QAM	50	24	16.28	16.25	16.25			
20	16QAM	50	50	16.25	16.25	16.21	18	2	
20	16QAM	100	0	16.31	16.23	16.24			
20	64QAM	1	0	16.22	16.21	16.14			
20	64QAM	1	49	16.08	16.20	16.17	18	2	
20	64QAM	1	99	16.14	16.08	16.19			
20	64QAM	50	0	15.43	15.43	15.19			
20	64QAM	50	24	15.29	15.31	15.34	17	3	
20	64QAM	50	50	15.26	15.23	15.13			
20	64QAM	100	0	15.39	15.25	15.18			
Channel									
Frequency (MHz)									
20825 21100 21375									
15	QPSK	1	0	18.04	18.16	18.06			
15	QPSK	1	37	18.01	18.01	18.11	20	0	
15	QPSK	1	74	18.02	18.03	18.04			
15	QPSK	36	0	17.20	17.19	17.23			
15	QPSK	36	20	17.05	17.19	17.07	19	1	
15	QPSK	36	39	17.09	17.13	17.05			
15	QPSK	75	0	17.22	17.13	17.18			
15	16QAM	1	0	17.02	17.03	17.05			
15	16QAM	1	37	17.11	17.10	17.05	19	1	
15	16QAM	1	74	17.04	17.19	17.08			
15	16QAM	36	0	16.22	16.28	16.15			
15	16QAM	36	20	16.24	16.13	16.14	18	2	
15	16QAM	36	39	16.10	16.13	16.12			
15	16QAM	75	0	16.25	16.20	16.08			
15	64QAM	1	0	16.06	16.17	16.03			
15	64QAM	1	37	16.12	16.06	16.09	18	2	
15	64QAM	1	74	16.03	16.00	16.08			
15	64QAM	36	0	15.30	15.27	15.06			
15	64QAM	36	20	15.16	15.13	15.25	17	3	
15	64QAM	36	39	15.23	15.19	15.04			
15	64QAM	75	0	15.22	15.15	15.02			
Channel									
Frequency (MHz)									
20950 21100 21400									
10	QPSK	1	0	18.05	18.03	18.07			
10	QPSK	1	25	18.12	18.08	18.09	20	0	
10	QPSK	1	49	18.04	18.01	18.14			
10	QPSK	25	0	17.13	17.28	17.20			
10	QPSK	25	12	17.07	17.21	17.19	19	1	
10	QPSK	25	25	17.08	17.17	17.05			
10	QPSK	50	0	17.18	17.16	17.09			
10	16QAM	1	0	17.05	17.05	17.04	19	1	
10	16QAM	1	25	17.06	17.13	17.21			
10	16QAM	1	49	17.09	17.13	17.00			
10	16QAM	25	0	16.17	16.35	16.12			
10	16QAM	25	12	16.12	16.20	16.09	18	2	
10	16QAM	25	25	16.13	16.09	16.13			
10	16QAM	50	0	16.21	16.17	16.22			
10	64QAM	1	0	16.17	16.03	16.09	18	2	
10	64QAM	1	25	16.53	16.14	16.03			
10	64QAM	1	49	16.07	16.13	16.06			
10	64QAM	25	0	15.40	15.35	15.13			
10	64QAM	25	12	15.18	15.14	15.28	17	3	
10	64QAM	25	25	15.10	15.06	15.00			
10	64QAM	50	0	15.33	15.19	15.13			
Channel									
Frequency (MHz)									
20775 21100 21425									
5	QPSK	1	0	18.07	18.17	18.07			
5	QPSK	1	12	18.01	18.06	18.00	20	0	
5	QPSK	1	24	18.00	18.16	18.06			
5	QPSK	12	0	17.09	17.25	17.12			
5	QPSK	12	7	17.14	17.22	17.09	19	1	
5	QPSK	12	13	17.05	17.10	17.06			
5	QPSK	25	0	17.22	17.17	17.21			
5	16QAM	1	0	17.04	17.03	17.00			
5	16QAM	1	12	17.19	17.08	17.00	19	1	
5	16QAM	1	24	17.03	17.00	17.11			
5	16QAM	12	0	16.31	16.24	16.25			
5	16QAM	12	7	16.23	16.08	16.19	18	2	
5	16QAM	12	13	16.08	16.12	16.19			
5	16QAM	25	0	16.26	16.09	16.21			
5	64QAM	1	0	16.18	16.16	16.08			
5	64QAM	1	12	16.05	16.06	16.10	18	2	
5	64QAM	1	24	16.04	16.03	16.13			
5	64QAM	12	0	15.37	15.33	15.12			
5	64QAM	12	7	15.22	15.23	15.27	17	3	
5	64QAM	12	13	15.17	15.19	15.07			
5	64QAM	25	0	15.26	15.22	15.03			

Band 13_DS16 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)									
2320 2330									
10	QPSK	1	0		20.24				
10	QPSK	1	25		20.19		22	0	
10	QPSK	1	49		20.15				
10	QPSK	25	0		19.06				
10	QPSK	25	12		19.03		21	1	
10	QPSK	25	25		19.01				
10	QPSK	50	0		19.19				
10	16QAM	1	0		19.28				
10	16QAM	1	25		19.29		21	1	
10	16QAM	1	49		19.24				
10	16QAM	25	0		18.07				
10	16QAM	25	12		18.00		20	2	
10	16QAM	25	25		18.08				
10	16QAM	50	0		18.26				
10	64QAM	1	0		18.27				
10	64QAM	1	25		18.31		20	2	
10	64QAM	1	49		18.30				
10	64QAM	25	0		17.17				
10	64QAM	25	12		17.01		19	3	
10	64QAM	25	25		17.06				
10	64QAM	50	0		17.25				
Channel									
Frequency (MHz)									
23205 23230 23255									
5	QPSK	1	0	20.20	20.19	20.15			
5	QPSK	1	12	20.00	20.07	20.05	22	0	
5	QPSK	1	24	20.09	20.00	20.03			
5	QPSK	12	0	19.01	19.01	19.06			
5	QPSK	12	7	19.11	19.12	19.16	21	1	
5	QPSK	12	13	19.09	19.03	19.21			
5	QPSK	25	0	19.08	19.00	19.14			
5	16QAM	1	0	19.09	19.14	19.19			
5	16QAM	1	12	19.15	19.11	19.11	21	1	
5	16QAM	1	24	19.09	19.06	19.13			
5	16QAM	12	0	18.13	18.03	18.03	20	2	
5	16QAM	12	7	18.02	18.14	18.10			
5	16QAM	12	13	18.13	18.05	18.03			
5	16QAM	25	0	18.22	18.14	18.07			
5	64QAM	1	0	18.17	18.12	18.18			
5	64QAM	1	12	18.24	18.12	18.20	20	2	
5	64QAM	1	24	18.15	18.24	18.18			
5	64QAM	12	0	17.08	17.07	17.08	19	3	
5	64QAM	12	7	17.15	17.02	17.17			
5	64QAM	12	13	17.08	17.05	17.06			
5	64QAM	25	0	17.20	17.09	17.13			

Band 14_DS16 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)									
2330 793									
10	QPSK	1	0		21.22				
10	QPSK	1	25		21.16		23	0	
10	QPSK	1	49		21.17				
10	QPSK	25	0		20.16				
10	QPSK	25	12		20.13		22	1	
10	QPSK	25	25		20.08				
10	QPSK	50	0		20.14				
10	16QAM	1	0		20.31				
10	16QAM	1	25		20.06		22	1	
10	16QAM	1	49		20.13				
10	16QAM	25	0		19.19				
10	16QAM	25	12		19.11		21	2	
10	16QAM	25	25		19.04				
10	16QAM	50	0		19.22				
10	64QAM	1	0		19.23				
10	64QAM	1	25		19.15		21	2	
10	64QAM	1	49		19.13				
10	64QAM	25	0		18.14				
10	64QAM	25	12		18.09		20	3	
10	64QAM	25	25		18.08				
10	64QAM	50	0		18.30				
Channel									
Frequency (MHz)									
23305 23330 23355									
5	QPSK	1	0	21.17	21.16	21.05			
5	QPSK	1	12	21.04	21.05	21.10	23	0	
5	QPSK	1	24	21.01	21.20	21.05			
5	QPSK	12	0	20.03	20.12	20.04			
5	QPSK	12	7	20.06	20.07	20.05	22	1	
5	QPSK	12	13	20.02	20.01	20.11			



Band 17_Default&DSI6 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)									
10	QPSK	1	0	22.74	22.80	22.71	24	0	
10	QPSK	1	25	22.74	22.77	22.85			
10	QPSK	1	49	22.58	22.69	22.56	23	1	
10	QPSK	25	0	21.75	21.78	21.71			
10	QPSK	25	12	21.59	21.66	21.57			
10	QPSK	25	25	21.67	21.73	21.63			
10	QPSK	50	0	21.73	21.77	21.69	23	1	
10	16QAM	1	0	21.85	21.88	21.94			
10	16QAM	1	49	21.87	21.84	21.81			
10	16QAM	1	49	21.82	21.86	21.83	22	2	
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			
10	16QAM	50	0	20.69	20.76	20.73	22	2	
10	16QAM	1	0	20.78	20.86	20.81			
10	16QAM	1	25	20.72	20.82	20.78			
10	16QAM	1	49	20.71	20.78	20.74	21	3	
10	16QAM	25	0	19.73	19.78	19.68			
10	16QAM	25	12	19.68	19.74	19.68			
10	16QAM	25	25	19.73	19.75	19.67			
10	16QAM	50	0	19.68	19.77	19.67	Channel		
				23.75	23.70	23.825	24	0	
				706.5	710	713.5			
Frequency (MHz)									
5	QPSK	1	0	22.68	22.75	22.63	23	1	
5	QPSK	1	12	22.68	22.73	22.60			
5	QPSK	1	24	22.42	22.52	22.50	23	1	
5	QPSK	12	0	21.66	21.70	21.55			
5	QPSK	12	7	21.46	21.58	21.45	23	1	
5	QPSK	12	13	21.52	21.56	21.57			
5	QPSK	25	0	21.70	21.65	21.57	23	1	
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	22	2	
5	16QAM	12	13	20.49	20.66	20.49			
5	16QAM	25	0	20.67	20.67	20.69			
5	16QAM	1	0	20.67	20.80	20.65			
5	16QAM	1	12	20.56	20.74	20.74	21	3	
5	16QAM	1	24	20.62	20.81	20.70			
5	16QAM	12	0	19.61	19.66	19.66			
5	16QAM	12	7	19.65	19.58	19.55	21	3	
5	16QAM	12	13	19.62	19.64	19.54			
5	16QAM	25	0	19.59	19.60	19.64	Channel		

Band 25_DSI6 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	17.46	17.30	17.34	18.5	0	
20	QPSK	1	49	17.36	17.50	17.30			
20	QPSK	1	99	17.38	17.42	17.39	17.5	1	
20	QPSK	50	0	16.55	16.81	16.56			
20	QPSK	50	24	16.39	16.64	16.42			
20	QPSK	50	50	16.51	16.75	16.53			
20	QPSK	100	0	16.48	16.59	16.29	17.5	1	
20	16QAM	1	0	16.65	16.51	16.37			
20	16QAM	1	49	16.46	16.57	16.32			
20	16QAM	1	99	16.44	16.81	16.49	16.5	2	
20	16QAM	50	0	15.65	15.64	15.47			
20	16QAM	50	24	15.65	15.51	15.39			
20	16QAM	50	50	15.67	15.54	15.35			
20	16QAM	100	0	15.73	15.66	15.28	16.5	2	
20	16QAM	1	0	15.43	15.40	15.42			
20	16QAM	1	49	15.46	15.53	15.43			
20	16QAM	1	99	15.53	15.63	15.63	15.5	3	
20	16QAM	50	0	14.73	14.51	14.43			
20	16QAM	50	24	14.83	14.52	14.44			
20	16QAM	50	50	14.66	14.50	14.47			
20	16QAM	100	0	14.51	14.59	14.27	Channel		
				2615	2630	2665	18.5	0	
				1897.5	1880	1907.5			
Frequency (MHz)									
15	QPSK	1	0	17.39	17.43	17.30	17.5	1	
15	QPSK	1	37	17.30	17.45	17.22			
15	QPSK	1	74	17.29	17.38	17.29	17.5	1	
15	QPSK	38	0	16.49	16.76	16.46			
15	QPSK	38	20	16.33	16.81	16.39	17.5	1	
15	QPSK	38	39	16.44	16.65	16.43			
15	QPSK	75	0	16.39	16.54	16.23	17.5	1	
15	16QAM	1	0	16.57	16.46	16.30			
15	16QAM	1	37	16.34	16.48	16.27			
15	16QAM	1	74	16.40	16.55	16.44	16.5	2	
15	16QAM	38	0	15.61	15.55	15.40			
15	16QAM	38	20	15.54	15.43	15.30	16.5	2	
15	16QAM	38	39	15.50	15.46	15.29			
15	16QAM	75	0	15.88	15.55	15.58			
15	16QAM	1	0	15.35	15.30	15.36			
15	16QAM	1	37	15.42	15.46	15.35	16.5	2	
15	16QAM	1	74	15.44	15.58	15.59			
15	16QAM	38	0	14.69	14.43	14.39			
15	16QAM	38	20	14.59	14.46	14.34	15.5	3	
15	16QAM	38	39	14.55	14.30	14.38			
15	16QAM	75	0	14.46	14.55	14.21			
15	16QAM	100	0	14.41	14.51	14.10			
Channel									
				2600	2630	2650	18.5	0	
				1855	1880	1910			
Frequency (MHz)									
10	QPSK	1	0	17.28	17.33	17.20	17.5	1	
10	QPSK	1	25	17.19	17.38	17.16			
10	QPSK	1	49	17.20	17.32	17.20	17.5	1	
10	QPSK	25	0	16.38	16.67	16.40			
10	QPSK	25	12	16.23	16.55	16.35	17.5	1	
10	QPSK	25	25	16.39	16.61	16.34			
10	QPSK	50	0	16.34	16.45	16.17			
10	16QAM	1	0	16.48	16.38	16.24			
10	16QAM	1	25	16.24	16.38	16.17	16.5	2	
10	16QAM	1	49	16.30	16.46	16.38			
10	16QAM	25	0	15.82	15.47	15.34			
10	16QAM	25	12	15.44	15.42	15.26	16.5	2	
10	16QAM	25	25	15.47	15.40	15.25			
10	16QAM	50	0	15.84	15.49	15.46			
10	16QAM	1	0	15.24	15.22	15.26			
10	16QAM	1	25	15.38	15.43	15.28	16.5	2	
10	16QAM	1	49	15.35	15.53	15.50			
10	16QAM	25	0	14.85	14.32	14.35	15.5	3	
10	16QAM	25	12	14.50	14.39	14.29			
10	16QAM	25	25	14.47	14.35	14.31			
10	16QAM	50	0	14.41	14.51	14.10			
Channel									
				2605	2630	2655	18.5	0	
				1882.5	1880	1912.5			
Frequency (MHz)									
5	QPSK	1	0	17.21	17.24	17.14	17.5	1	
5	QPSK	1	12	17.15	17.32	17.26			
5	QPSK	1	24	17.10	17.27	17.10	17.5	1	
5	QPSK	12	0	16.30	16.61	16.36			
5	QPSK	12	7	16.13	16.49	16.28	17.5	1	
5	QPSK	12	13	16.33	16.55	16.25			
5	QPSK	25	0	16.30	16.38	16.10	17.5	1	
5	16QAM	1	0	16.41	16.29	16.16			
5	16QAM	1	12	16.21	16.34	16.12			
5	16QAM	1	24	16.20	16.41	16.32	16.5	2	
5	16QAM	12	0	15.47	15.40	15.28			
5	16QAM	12	7	15.36	15.34	15.17	16.5	2	
5	16QAM	12	13	15.37	15.35	15.16			
5	16QAM	25	0	15.87	15.38	15.27			
5	16QAM	1	0	15.20	15.15	15.16			
5	16QAM	1	12	15.30	15.37	15.21	16.5	2	
5	16QAM	1	24	15.31	15.48	15.39			
5	16QAM	12	0	14.56	14.22	14.25			
5	16QAM	12	7	14.45	14.33	14.19	15.5	3	
5	16QAM	12	13	14.42	14.24	14.26			
5	16QAM	25	0	14.31	14.43	14.03			
5	16QAM	25	0	14.23	14.39	14.00			
Channel									
				2604	2630	2633	18.5	0	
				1880	1880	1914.2			
Frequency (MHz)									
1.4	QPSK	1	0	17.08	17.13	17.04	18.5	0	
1.4	QPSK	1	3	16.98	17.15	16.95			
1.4	QPSK	1	5	16.98	17.16	16.98	17.5	1	
1.4	QPSK	3	0	17.03	17.03	17.00			
1.4	QPSK	3	1	16.94	17.12	16.86	17.5	1	
1.4	QPSK	3	3	16.87	17.11	16.90			



Band 66_DSI6 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	1745	132322		
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	0	17.38	17.83	17.52	19	0
20	QPSK	1	49	17.43	17.37	17.36		
20	QPSK	1	99	17.62	17.68	17.51		
20	QPSK	50	0	16.54	16.82	16.49	18	1
20	QPSK	50	24	16.57	16.61	16.41		
20	QPSK	50	50	16.59	16.52	16.60		
20	QPSK	100	0	16.47	16.79	16.38		
20	16QAM	1	0	16.47	16.39	16.09	18	1
20	16QAM	1	49	16.14	16.13	16.17		
20	16QAM	1	99	16.19	16.45	16.17		
20	16QAM	50	0	15.31	15.20	15.21	17	2
20	16QAM	50	24	15.08	15.20	15.18		
20	16QAM	50	50	15.00	15.11	15.15		
20	16QAM	100	0	15.21	15.46	15.31		
20	64QAM	1	0	15.40	15.31	15.03	17	2
20	64QAM	1	49	15.08	15.01	15.14		
20	64QAM	1	99	15.14	15.13	15.07		
20	64QAM	50	0	14.38	14.22	14.09	16	3
20	64QAM	50	24	14.29	14.45	14.18		
20	64QAM	50	50	14.11	14.38	14.27		
20	64QAM	100	0	14.35	14.53	14.13		
Channel				132047	132322	132597		
Frequency (MHz)				1717.5	1745	1772.5		
15	QPSK	1	0	17.16	17.34	17.11	19	0
15	QPSK	1	37	17.21	17.11	17.02		
15	QPSK	1	74	17.10	17.28	17.15		
15	QPSK	36	0	16.14	16.22	16.29	18	1
15	QPSK	36	20	16.17	16.16	16.14		
15	QPSK	36	39	16.23	16.15	16.08		
15	QPSK	75	0	16.15	16.22	16.04		
15	16QAM	1	0	16.32	16.26	16.13	18	1
15	16QAM	1	37	16.04	16.06	16.09		
15	16QAM	1	74	16.17	16.33	16.04		
15	16QAM	36	0	15.25	15.03	15.14	17	2
15	16QAM	36	20	15.10	15.14	15.11		
15	16QAM	36	39	15.01	15.10	15.10		
15	16QAM	75	0	15.11	15.33	15.14		
15	64QAM	1	0	15.41	15.15	15.16	17	2
15	64QAM	1	37	15.10	15.02	15.13		
15	64QAM	1	74	15.15	15.10	15.17		
15	64QAM	36	0	14.18	14.00	14.05	16	3
15	64QAM	36	20	14.24	14.44	14.17		
15	64QAM	36	39	14.12	14.35	14.08		
15	64QAM	75	0	14.33	14.48	14.07		
Channel				132022	132322	132622		
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	0	17.12	17.23	17.11	19	0
10	QPSK	1	25	17.13	17.10	17.03		
10	QPSK	1	49	17.18	17.28	17.05		
10	QPSK	25	0	16.17	16.12	16.17	18	1
10	QPSK	25	12	16.24	16.25	16.19		
10	QPSK	25	25	16.22	16.27	16.19		
10	QPSK	50	0	16.05	16.23	16.03		
10	16QAM	1	0	16.41	16.28	16.19	18	1
10	16QAM	1	25	16.11	16.15	16.04		
10	16QAM	1	49	16.10	16.37	16.14		
10	16QAM	25	0	15.37	15.19	15.09	17	2
10	16QAM	25	12	15.14	15.25	15.07		
10	16QAM	25	25	15.14	15.04	15.16		
10	16QAM	50	0	15.02	15.22	15.09		
10	64QAM	1	0	15.31	15.06	15.15	17	2
10	64QAM	1	25	15.07	15.11	15.25		
10	64QAM	1	49	15.21	15.12	15.19		
10	64QAM	25	0	14.10	14.11	14.07	16	3
10	64QAM	25	12	14.32	14.40	14.16		
10	64QAM	25	25	14.16	14.43	14.19		
10	64QAM	50	0	14.26	14.36	14.15		
Channel				131997	132322	132647		
Frequency (MHz)				1712.5	1745	1777.5		
5	QPSK	1	0	17.13	17.35	17.07	19	0
5	QPSK	1	12	17.33	17.08	17.12		
5	QPSK	1	24	17.18	17.36	17.11		
5	QPSK	12	0	16.09	16.25	16.18	18	1
5	QPSK	12	7	16.09	16.11	16.13		
5	QPSK	12	13	16.28	16.11	16.00		
5	QPSK	25	0	16.11	16.32	16.19		
5	16QAM	1	0	16.23	16.37	16.20	18	1
5	16QAM	1	12	16.13	16.15	16.18		
5	16QAM	1	24	16.13	16.26	16.05		
5	16QAM	12	0	15.29	15.12	15.17	17	2
5	16QAM	12	7	15.21	15.17	15.11		
5	16QAM	12	13	15.12	15.21	15.21		
5	16QAM	25	0	15.12	15.23	15.07		
5	64QAM	1	0	15.42	15.15	15.08	17	2
5	64QAM	1	12	15.04	15.00	15.16		
5	64QAM	1	24	15.19	15.05	15.11		
5	64QAM	12	0	14.12	14.15	14.19	16	3
5	64QAM	12	7	14.16	14.54	14.06		
5	64QAM	12	13	14.21	14.46	14.18		
5	64QAM	25	0	14.38	14.51	14.18		
Channel				131987	132322	132657		
Frequency (MHz)				1711.5	1745	1778.5		
3	QPSK	1	0	17.18	17.33	17.04	19	0
3	QPSK	1	8	17.23	17.11	17.20		
3	QPSK	1	14	17.11	17.33	17.15		
3	QPSK	8	0	16.19	16.16	16.23	18	1
3	QPSK	8	4	16.00	16.10	16.15		
3	QPSK	8	7	16.32	16.16	16.05		
3	QPSK	15	0	16.18	16.32	16.30		
3	16QAM	1	0	16.18	16.30	16.10	18	1
3	16QAM	1	8	16.20	16.24	16.22		
3	16QAM	1	14	16.11	16.26	16.12		
3	16QAM	8	0	15.25	15.24	15.27	17	2
3	16QAM	8	4	15.22	15.29	15.07		
3	16QAM	8	7	15.10	15.24	15.23		
3	16QAM	15	0	15.19	15.14	15.14		
3	64QAM	1	0	15.35	15.12	15.09	17	2
3	64QAM	1	8	15.13	15.11	15.25		
3	64QAM	1	14	15.16	15.15	15.20		
3	64QAM	8	0	14.02	14.04	14.10	16	3
3	64QAM	8	4	14.06	14.44	14.15		
3	64QAM	8	7	14.29	14.44	14.19		
3	64QAM	15	0	14.40	14.49	14.20		
Channel				131979	132322	132659		
Frequency (MHz)				1710.7	1745	1779.3		
1.4	QPSK	1	0	17.25	17.24	17.07	19	0
1.4	QPSK	1	3	17.41	17.17	17.23		
1.4	QPSK	1	5	17.25	17.42	17.01		
1.4	QPSK	3	0	17.28	17.29	17.04		
1.4	QPSK	3	1	17.30	17.14	17.17		
1.4	QPSK	3	3	17.36	17.37	17.19	18	1
1.4	QPSK	6	0	16.16	16.42	16.28		
1.4	16QAM	1	0	16.22	16.39	16.13	18	1
1.4	16QAM	1	3	16.07	16.10	16.11		
1.4	16QAM	1	5	16.19	16.18	16.01		
1.4	16QAM	3	0	16.24	16.31	16.11		
1.4	16QAM	3	1	16.12	16.21	16.18		
1.4	16QAM	3	3	16.26	16.09	16.16	17	2
1.4	16QAM	6	0	15.08	15.33	15.05		
1.4	64QAM	1	0	15.43	15.24	15.05		
1.4	64QAM	1	3	15.07	15.07	15.05		
1.4	64QAM	1	5	15.17	15.08	15.02		
1.4	64QAM	3	0	15.34	15.31	15.17		
1.4	64QAM	3	1	15.06	15.02	15.10		
1.4	64QAM	3	3	15.25	15.17	15.14		
1.4	64QAM	6	0	15.17	15.22	15.18	16	3



Band 38_Default&DSI3&7&6 for ENDC

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Co. (Freq), Power Middle Co. (Freq), Power High Co. (Freq), Tune-up limit (dBm), MPR (dB). Contains multiple rows for different modulation schemes and power levels.

Band 41_Default&DSI3&7&6 for ENDC

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Co. (Freq), Power Middle Co. (Freq), Power High Co. (Freq), Tune-up limit (dBm), MPR (dB). Contains multiple rows for different modulation schemes and power levels.

Band 41_Default&DSI3&7&6 PC2 for ENDC

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Co. (Freq), Power Middle Co. (Freq), Power High Co. (Freq), Tune-up limit (dBm), MPR (dB). Contains multiple rows for different modulation schemes and power levels.



Band 4_DSII2 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											
Frequency (MHz)											
20	QPSK	1	0	16.36	16.42	16.22	17.5	0			
20	QPSK	1	49	16.24	16.32	16.17					
20	QPSK	1	99	16.34	16.40	16.24					
20	QPSK	50	0	15.32	15.47	15.21					
20	QPSK	50	24	15.25	15.44	15.15		1			
20	QPSK	50	50	15.26	15.39	15.17					
20	QPSK	100	0	15.37	15.46	15.33					
20	16QAM	1	0	15.40	15.38	15.19					
20	16QAM	1	49	15.33	15.25	15.14		1			
20	16QAM	1	99	15.39	15.50	15.29					
20	16QAM	50	0	14.33	14.45	14.28					
20	16QAM	50	24	14.22	14.40	14.21					
20	16QAM	50	50	14.36	14.33	14.28		2			
20	16QAM	100	0	14.35	14.45	14.37					
20	16QAM	1	0	14.47	14.41	14.15					
20	16QAM	1	49	14.38	14.21	14.20		2			
20	16QAM	1	99	14.40	14.45	14.25					
20	16QAM	50	0	13.34	13.43	13.19					
20	16QAM	50	24	13.24	13.39	13.13					
20	16QAM	50	50	13.32	13.30	13.33		3			
20	16QAM	100	0	13.25	13.32	13.34					
Channel											
Frequency (MHz)											
15	QPSK	1	0	16.32	16.36	16.18	17.5	0			
15	QPSK	1	37	16.20	16.23	16.09					
15	QPSK	1	74	16.22	16.29	16.19					
15	QPSK	36	0	15.27	15.39	15.18					
15	QPSK	36	20	15.15	15.35	15.03		1			
15	QPSK	36	39	15.20	15.34	15.08					
15	QPSK	75	0	15.24	15.32	15.27					
15	16QAM	1	0	15.35	15.28	15.12					
15	16QAM	1	37	15.20	15.17	15.01		1			
15	16QAM	1	74	15.37	15.39	15.15					
15	16QAM	36	0	14.24	14.39	14.20					
15	16QAM	36	20	14.11	14.39	14.08					
15	16QAM	36	39	14.28	14.30	14.19		2			
15	16QAM	75	0	14.26	14.35	14.23					
15	16QAM	1	1	14.42	14.28	14.10					
15	16QAM	1	37	14.30	14.16	14.18		2			
15	16QAM	1	74	14.37	14.32	14.12					
15	16QAM	36	0	13.30	13.36	13.05					
15	16QAM	36	20	13.11	13.32	13.04					
15	16QAM	36	39	13.27	13.23	13.28		3			
15	16QAM	75	0	13.17	13.40	13.20					
Channel											
Frequency (MHz)											
10	QPSK	1	0	16.33	16.33	16.10	17.5	0			
10	QPSK	1	25	16.19	16.21	16.06					
10	QPSK	1	49	16.27	16.33	16.19					
10	QPSK	25	0	15.18	15.39	15.18					
10	QPSK	25	12	15.20	15.39	15.04		1			
10	QPSK	25	25	15.13	15.35	15.09					
10	QPSK	50	0	15.31	15.37	15.25					
10	16QAM	1	0	15.37	15.34	15.10					
10	16QAM	1	25	15.25	15.11	15.10		1			
10	16QAM	1	49	15.31	15.41	15.26					
10	16QAM	25	0	14.36	14.25	14.03					
10	16QAM	25	12	14.11	14.45	14.14					
10	16QAM	25	25	14.33	14.31	14.20		2			
10	16QAM	50	0	14.29	14.39	14.32					
10	16QAM	1	0	14.43	14.38	14.09					
10	16QAM	1	25	14.29	14.13	14.07		2			
10	16QAM	1	49	14.37	14.41	14.19					
10	16QAM	25	0	13.32	13.39	13.12					
10	16QAM	25	12	13.17	13.35	13.03					
10	16QAM	25	25	13.18	13.24	13.24		3			
10	16QAM	50	0	13.21	13.42	13.26					
Channel											
Frequency (MHz)											
5	QPSK	1	0	16.33	16.30	16.08	17.5	0			
5	QPSK	1	12	16.25	16.34	16.09					
5	QPSK	1	24	16.25	16.34	16.17					
5	QPSK	12	0	15.19	15.34	15.14					
5	QPSK	12	7	15.16	15.40	15.07		1			
5	QPSK	12	13	15.22	15.30	15.07					
5	QPSK	25	0	15.34	15.34	15.22					
5	16QAM	1	0	15.27	15.28	15.04					
5	16QAM	1	12	15.28	15.14	15.01		1			
5	16QAM	1	24	15.31	15.41	15.18					
5	16QAM	12	0	14.26	14.43	14.18					
5	16QAM	12	7	14.13	14.38	14.11		2			
5	16QAM	12	13	14.28	14.27	14.15					
5	16QAM	25	0	14.24	14.36	14.31					
5	16QAM	1	0	14.36	14.36	14.03					
5	16QAM	1	12	14.30	14.11	14.10		2			
5	16QAM	1	24	14.29	14.41	14.19					
5	16QAM	12	0	13.24	13.36	13.10					
5	16QAM	12	7	13.11	13.25	13.04		3			
5	16QAM	12	13	13.25	13.22	13.27					
5	16QAM	25	0	13.12	13.41	13.24					
Channel											
Frequency (MHz)											
3	QPSK	1	0	16.26	16.28	16.14	17.5	0			
3	QPSK	1	8	16.19	16.23	16.12					
3	QPSK	1	14	16.21	16.31	16.14					
3	QPSK	8	0	15.18	15.45	15.14					
3	QPSK	8	4	15.14	15.41	15.11		1			
3	QPSK	8	7	15.20	15.35	15.13					
3	QPSK	15	0	15.26	15.39	15.26					
3	16QAM	1	0	15.28	15.33	15.15					
3	16QAM	1	8	15.19	15.17	15.09		1			
3	16QAM	1	14	15.27	15.46	15.20					
3	16QAM	8	0	14.26	14.33	14.19					
3	16QAM	8	4	14.13	14.40	14.18					
3	16QAM	8	7	14.28	14.24	14.15		2			
3	16QAM	15	0	14.33	14.33	14.31					
3	16QAM	1	0	14.35	14.33	14.12					
3	16QAM	1	8	14.32	14.18	14.15		2			
3	16QAM	1	14	14.37	14.42	14.21					
3	16QAM	8	0	13.27	13.30	13.15					
3	16QAM	8	4	13.21	13.37	13.06					
3	16QAM	8	7	13.25	13.28	13.27		3			
3	16QAM	15	0	13.13	13.47	13.24					
Channel											
Frequency (MHz)											
1.4	QPSK	1	0	16.21	16.27	16.11	17.5	0			
1.4	QPSK	1	3	16.10	16.20	16.01					
1.4	QPSK	1	5	16.19	16.33	16.18					
1.4	QPSK	3	0	16.21	16.34	16.09					
1.4	QPSK	3	1	16.11	16.31	16.04					
1.4	QPSK	3	3	16.17	16.33	16.06					
1.4	QPSK	6	0	15.33	15.36	15.24		1			
1.4	16QAM	1	0	15.29	15.29	15.15					
1.4	16QAM	1	3	15.27	15.13	15.10					
1.4	16QAM	1	5	15.30	15.41	15.21		1			
1.4	16QAM	3	0	15.18	15.33	15.17					
1.4	16QAM	3	1	15.08	15.37	15.14					
1.4	16QAM	3	3	15.28	15.21	15.21					
1.4	16QAM	6	0	14.20	14.30	14.20		2			
1.4	16QAM	1	0	14.42	14.28	14.05					
1.4	16QAM	1	3	14.27	14.05	14.06					
1.4	16QAM	1	5	14.24	14.39	14.14					
1.4	16QAM	3	0	14.27	14.34	14.09		2			
1.4	16QAM	3	1	14.19	14.34	14.03					
1.4	16QAM	3	3	14.27	14.19	14.29					
1.4	16QAM	6	0	13.10	13.46	13.28		3			

Band 5_DSII2 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											
Frequency (MHz)											
10	QPSK	1	0	17.58	17.66	17.62	19	0			
10	QPSK	1	25	17.52	17.60	17.59					
10	QPSK	1	49	17.44	17.83	17.55					
10	QPSK	25	0	16.65	16.67	16.66					
10	QPSK	25	12	16.60	16.61	16.52		1			
10	QPSK	25	25	16.63	16.59	16.58					
10	QPSK	50	0	16.68	16.71	16.64					
10	16QAM	1	0	16.60	16.56	16.64					
10	16QAM	1	25	16.55	16.53	16.69		1			
10	16QAM	1	49	16.38	16.56	16.46					
10	16QAM	25	0	15.62	15.70	15.65					
10	16QAM	25	12	15.64	15.68	15.52					
10	16QAM	25	25	15.55	15.67	15.66		2			
10	16QAM	50	0	15.59	15.73	15.56					
10	16QAM	1	0	15.51	15.62	15.67					
10	16QAM	1	25	15.54	15.60	15.62		2			
10	16QAM	1	49	15.36	15.58	15.46					



Band 12_DSII2 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				23060	23075	23150			
Frequency (MHz)				702.5	707.5	715.5			
10	QPSK	1	0	22.40	22.43	22.38			
10	QPSK	1	25	22.32	22.41	22.34	23.5	0	
10	QPSK	1	49	22.32	22.42	22.28			
10	QPSK	25	0	21.95	22.03	21.98			
10	QPSK	25	12	21.81	21.93	21.82	23	0.5	
10	QPSK	25	25	21.91	21.97	21.92			
10	QPSK	50	0	21.90	22.04	21.93			
10	16QAM	1	0	21.71	21.85	21.69			
10	16QAM	1	25	21.76	21.96	21.79	23	0.5	
10	16QAM	1	49	21.76	21.81	21.67			
10	16QAM	25	0	20.74	20.85	20.84			
10	16QAM	25	12	20.72	20.81	20.73	22	1.5	
10	16QAM	25	25	20.66	20.88	20.77			
10	16QAM	50	0	20.78	20.81	20.79			
10	64QAM	1	0	20.72	20.81	20.74			
10	64QAM	1	25	20.78	20.88	20.81	22	1.5	
10	64QAM	1	49	20.75	20.81	20.69			
10	64QAM	25	0	19.77	19.82	19.84			
10	64QAM	25	12	19.76	19.77	19.68	21	2.5	
10	64QAM	25	25	19.71	19.77	19.64			
10	64QAM	50	0	19.72	19.82	19.68			
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				701.5	707.5	715.5			
5	QPSK	1	0	22.34	22.38	22.25			
5	QPSK	1	12	22.19	22.39	22.30	23.5	0	
5	QPSK	1	24	22.28	22.39	22.25			
5	QPSK	12	0	21.88	22.01	21.90			
5	QPSK	12	7	21.74	21.88	21.69	23	0.5	
5	QPSK	12	13	21.88	21.90	21.81			
5	QPSK	25	0	21.83	21.93	21.87			
5	16QAM	1	0	21.65	21.70	21.56			
5	16QAM	1	12	21.66	21.82	21.72	23	0.5	
5	16QAM	1	24	21.67	21.77	21.64			
5	16QAM	12	0	20.64	20.82	20.76			
5	16QAM	12	7	20.65	20.73	20.57	22	1.5	
5	16QAM	12	13	20.62	20.72	20.59			
5	16QAM	25	0	20.66	20.81	20.71			
5	64QAM	1	0	20.60	20.75	20.64	22	1.5	
5	64QAM	1	12	20.71	20.75	20.63			
5	64QAM	1	24	20.58	20.72	20.66			
5	64QAM	12	0	19.72	19.80	19.64			
5	64QAM	12	7	19.62	19.68	19.61	21	2.5	
5	64QAM	12	13	19.54	19.73	19.57			
5	64QAM	25	0	19.72	19.75	19.60			
Channel				23025	23055	23105	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.32	22.34	22.20			
3	QPSK	1	8	22.26	22.30	22.26	23.5	0	
3	QPSK	1	14	22.26	22.39	22.14			
3	QPSK	8	0	21.89	21.93	21.95			
3	QPSK	8	4	21.74	21.91	21.89	23	0.5	
3	QPSK	8	7	21.89	21.94	21.82			
3	QPSK	15	0	21.88	21.94	21.86			
3	16QAM	1	0	21.63	21.67	21.61			
3	16QAM	1	8	21.77	21.87	21.78	23	0.5	
3	16QAM	1	14	21.63	21.79	21.68			
3	16QAM	8	0	20.66	20.78	20.63			
3	16QAM	8	4	20.56	20.70	20.58	22	1.5	
3	16QAM	8	7	20.56	20.76	20.56			
3	16QAM	15	0	20.68	20.72	20.73			
3	64QAM	1	0	20.55	20.67	20.60			
3	64QAM	1	8	20.72	20.81	20.59	22	1.5	
3	64QAM	1	14	20.65	20.78	20.70			
3	64QAM	8	0	19.62	19.77	19.67			
3	64QAM	8	4	19.67	19.62	19.54	21	2.5	
3	64QAM	8	7	19.64	19.69	19.53			
3	64QAM	15	0	19.73	19.80	19.62			
Channel				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.29	22.30	22.31			
1.4	QPSK	1	3	22.16	22.30	22.24	23.5	0	
1.4	QPSK	1	5	22.23	22.38	22.26			
1.4	QPSK	3	0	22.23	22.33	22.21			
1.4	QPSK	3	1	22.06	22.24	22.13			
1.4	QPSK	3	3	22.23	22.24	22.16			
1.4	16QAM	6	0	21.79	21.93	21.80	23	0.5	
1.4	16QAM	1	0	21.65	21.77	21.52			
1.4	16QAM	1	3	21.67	21.85	21.66	23	0.5	
1.4	16QAM	1	5	21.64	21.64	21.63			
1.4	16QAM	3	0	21.66	21.77	21.71			
1.4	16QAM	3	1	21.51	21.68	21.63			
1.4	16QAM	3	3	21.55	21.78	21.64			
1.4	16QAM	6	0	20.69	20.81	20.62	22	1.5	
1.4	64QAM	1	0	20.50	20.63	20.63			
1.4	64QAM	1	3	20.63	20.85	20.71			
1.4	64QAM	1	5	20.55	20.65	20.64	22	1.5	
1.4	64QAM	3	0	20.65	20.78	20.66			
1.4	64QAM	3	1	20.50	20.68	20.62			
1.4	64QAM	3	3	20.54	20.61	20.50			
1.4	64QAM	6	0	19.62	19.72	19.62	21	2.5	

Band 13_DSII2 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				23205	23230	23255			
Frequency (MHz)				782					
10	QPSK	1	0		22.47				
10	QPSK	1	25		22.45		22.5	0	
10	QPSK	1	49		22.34				
10	QPSK	25	0		22.27				
10	QPSK	25	12		22.12		22.5	0	
10	QPSK	25	25		22.21				
10	QPSK	50	0		22.21				
10	16QAM	1	0		22.26				
10	16QAM	1	25		22.02		22.5	0	
10	16QAM	1	49		22.23				
10	16QAM	25	0		21.79				
10	16QAM	25	12		21.65		22	0.5	
10	16QAM	25	25		21.67				
10	16QAM	50	0		21.67				
10	64QAM	1	0		21.68				
10	64QAM	1	25		21.65		22	0.5	
10	64QAM	1	49		21.66				
10	64QAM	25	0		20.41				
10	64QAM	25	12		20.41		21	1.5	
10	64QAM	25	25		20.54				
10	64QAM	50	0		20.49				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	21.39	21.45	21.33			
5	QPSK	1	12	21.28	21.33	21.39	22.5	0	
5	QPSK	1	24	21.18	21.24	21.33			
5	QPSK	12	0	21.14	21.17	21.10			
5	QPSK	12	7	21.05	21.01	21.10	22.5	0	
5	QPSK	12	13	21.14	21.20	21.05			
5	QPSK	25	0	21.12	21.11	21.11			
5	16QAM	1	0	21.12	21.10	21.19			
5	16QAM	1	12	21.00	20.88	20.90	22.5	0	
5	16QAM	1	24	21.20	21.07	21.21			
5	16QAM	12	0	20.73	20.78	20.70			
5	16QAM	12	7	20.59	20.52	20.50	22	0.5	
5	16QAM	12	13	20.59	20.58	20.60			
5	16QAM	25	0	20.53	20.59	20.54			
5	64QAM	1	0	20.65	20.52	20.66			
5	64QAM	1	12	20.59	20.62	20.60	22	0.5	
5	64QAM	1	24	20.58	20.56	20.53			
5	64QAM	12	0	19.25	19.37	19.35			
5	64QAM	12	7	19.37	19.32	19.39	21	1.5	
5	64QAM	12	13	19.42	19.39	19.39			
5	64QAM	25	0	19.36	19.47	19.43			

Band 14_DSII2 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				23305	23330	23355			
Frequency (MHz)				793					
10	QPSK	1	0		20.02				
10	QPSK	1	25		20.00		21	0	
10	QPSK	1	49		19.96				
10	QPSK	25	0		19.94				
10	QPSK	25	12		19.89		21	0	
10	QPSK	25	25		19.88				
10	QPSK	50	0		19.90				
10	16QAM	1	0		19.96				
10	16QAM	1	25		19.86		21	0	
10	16QAM	1	49		19.94				
10	16QAM	25	0		19.91				
10	16QAM	25	12		19.88		21	0	
10	16QAM	25	25		19.91				
10	16QAM	50	0		19.87				
10	64QAM	1	0		19.92				
10	64QAM	1	25		19.93		21	0	
10	64QAM	1	49		19.89				
10	64QAM	25	0		19.93				
10	64QAM	25	12		19.87		21	0	
10	64QAM	25	25		19.91				
10	64QAM	50	0		19.86				
Channel				23305	23330	23355	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				790.5	793	795.5			
5	QPSK	1	0	19.91	19.98	19.77			
5	QPSK	1	12	19.83	19.90	19.91	21	0	
5	QPSK	1	24	19.79	19.94	19.83			
5	QPSK	12	0	19.88					



Band 26_DSi2 Ant1 for ENDC

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz) and multiple data rows for various modulation and RB size combinations.

Band 66_DSi2 Ant1 for ENDC

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz) and multiple data rows for various modulation and RB size combinations.

Band 71_Default&DSi2 Ant1

Table with columns: BW (MHz), Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Includes sub-headers for Channel and Frequency (MHz) and multiple data rows for various modulation and RB size combinations.



Band 4_DSI3 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				20950	20175	20300								
Frequency (MHz)				1720	1732.5	1745								
20	QPSK	1	0	16.69	16.74	16.63	18	0						
20	QPSK	1	49	16.57	16.67	16.54								
20	QPSK	1	99	16.56	16.68	16.59								
20	QPSK	50	0	15.72	15.75	15.65	17	1						
20	QPSK	50	24	15.67	15.69	15.67								
20	QPSK	50	50	15.66	15.76	15.62								
20	QPSK	100	0	15.81	15.82	15.68								
20	16QAM	1	0	15.70	15.68	15.61	17	1						
20	16QAM	1	49	15.55	15.69	15.49								
20	16QAM	1	99	15.53	15.72	15.65								
20	16QAM	50	0	14.84	14.75	14.67	16	2						
20	16QAM	50	24	14.76	14.64	14.53								
20	16QAM	50	50	14.56	14.67	14.64								
20	16QAM	100	0	14.89	14.85	14.65								
20	84QAM	1	0	14.66	14.63	14.71	16	2						
20	84QAM	1	49	14.59	14.76	14.59								
20	84QAM	1	99	14.60	14.67	14.73								
20	84QAM	50	0	13.73	13.74	13.59	15	3						
20	84QAM	50	24	13.66	13.65	13.63								
20	84QAM	50	50	13.53	13.71	13.65								
20	84QAM	100	0	13.95	13.80	13.67								
Channel				20950	20175	20300	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1717.5	1732.5	1747.5								
15	QPSK	1	0	16.62	16.71	16.51	18	0						
15	QPSK	1	37	16.54	16.56	16.41								
15	QPSK	1	74	16.51	16.61	16.47								
15	QPSK	36	0	15.69	15.67	15.64	17	1						
15	QPSK	36	20	15.63	15.57	15.55								
15	QPSK	36	39	15.63	15.69	15.50								
15	QPSK	75	0	15.70	15.78	15.58	16	2						
15	16QAM	1	0	15.63	15.56	15.56								
15	16QAM	1	37	15.47	15.64	15.39	17	1						
15	16QAM	1	74	15.38	15.70	15.58								
15	16QAM	36	0	14.59	14.71	14.59								
15	16QAM	36	20	14.62	14.61	14.41	16	2						
15	16QAM	36	39	14.44	14.55	14.59								
15	16QAM	75	0	14.76	14.72	14.63	16	2						
15	84QAM	1	0	14.63	14.58	14.61								
15	84QAM	1	37	14.50	14.68	14.55								
15	84QAM	1	74	14.52	14.58	14.61								
15	84QAM	36	0	13.62	13.60	13.47	15	3						
15	84QAM	36	20	13.52	13.57	13.57								
15	84QAM	36	39	13.44	13.66	13.55								
15	84QAM	75	0	13.91	13.71	13.60								
Channel				20900	20175	20350	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1715	1732.5	1750								
10	QPSK	1	0	16.62	16.68	16.61	18	0						
10	QPSK	1	25	16.48	16.60	16.51								
10	QPSK	1	49	16.50	16.59	16.56								
10	QPSK	25	0	15.63	15.66	15.62	17	1						
10	QPSK	25	12	15.55	15.66	15.49								
10	QPSK	25	25	15.63	15.73	15.49								
10	QPSK	50	0	15.68	15.71	15.64								
10	16QAM	1	0	15.65	15.61	15.55	17	1						
10	16QAM	1	25	15.47	15.66	15.44								
10	16QAM	1	49	15.48	15.63	15.56								
10	16QAM	25	0	14.51	14.62	14.57	16	2						
10	16QAM	25	12	14.64	14.61	14.43								
10	16QAM	25	25	14.53	14.55	14.62								
10	16QAM	50	0	14.78	14.80	14.55								
10	84QAM	1	0	14.64	14.56	14.67	16	2						
10	84QAM	1	25	14.46	14.56	14.56								
10	84QAM	1	49	14.56	14.56	14.63								
10	84QAM	25	0	13.63	13.61	13.53	15	3						
10	84QAM	25	12	13.57	13.59	13.57								
10	84QAM	25	25	13.46	13.57	13.57								
10	84QAM	50	0	13.63	13.68	13.62								
Channel				20900	20175	20350	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1712.5	1732.5	1752.5								
5	QPSK	1	0	16.61	16.64	16.54	18	0						
5	QPSK	1	12	16.46	16.61	16.50								
5	QPSK	1	24	16.52	16.55	16.46								
5	QPSK	12	0	15.60	15.72	15.63	17	1						
5	QPSK	12	7	15.62	15.63	15.50								
5	QPSK	12	13	15.54	15.57	15.44								
5	QPSK	25	0	15.72	15.72	15.63	16	2						
5	16QAM	1	0	15.66	15.57	15.48								
5	16QAM	1	12	15.50	15.57	15.37	17	1						
5	16QAM	1	24	15.40	15.69	15.58								
5	16QAM	12	0	14.57	14.64	14.57	16	2						
5	16QAM	12	7	14.66	14.67	14.36								
5	16QAM	12	13	14.43	14.56	14.63								
5	16QAM	25	0	14.84	14.80	14.61	16	2						
5	84QAM	1	0	14.53	14.57	14.69								
5	84QAM	1	12	14.46	14.72	14.50								
5	84QAM	1	24	14.51	14.59	14.63								
5	84QAM	12	0	13.67	13.69	13.55	15	3						
5	84QAM	12	7	13.60	13.63	13.55								
5	84QAM	12	13	13.43	13.65	13.63								
5	84QAM	25	0	13.87	13.73	13.65								
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1711.5	1732.5	1753.5								
3	QPSK	1	0	16.61	16.61	16.54	18	0						
3	QPSK	1	8	16.46	16.60	16.44								
3	QPSK	1	14	16.43	16.63	16.57								
3	QPSK	8	0	15.67	15.67	15.63	17	1						
3	QPSK	8	4	15.57	15.67	15.48								
3	QPSK	8	7	15.57	15.70	15.52								
3	QPSK	15	0	15.71	15.73	15.56								
3	16QAM	1	0	15.65	15.60	15.59	17	1						
3	16QAM	1	8	15.48	15.65	15.44								
3	16QAM	1	14	15.42	15.67	15.59								
3	16QAM	8	0	14.60	14.68	14.54	16	2						
3	16QAM	8	4	14.65	14.54	14.50								
3	16QAM	8	7	14.43	14.61	14.52								
3	16QAM	15	0	14.83	14.82	14.52								
3	84QAM	1	0	14.62	14.49	14.56	16	2						
3	84QAM	1	8	14.55	14.65	14.53								
3	84QAM	1	14	14.51	14.54	14.59								
3	84QAM	8	0	13.62	13.70	13.49	15	3						
3	84QAM	8	4	13.54	13.59	13.55								
3	84QAM	8	7	13.48	13.68	13.52								
3	84QAM	15	0	13.63	13.75	13.61								
Channel				19927	20175	20393	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)				1710.7	1732.5	1754.3								
1.4	QPSK	1	0	16.61	16.58	16.54	18	0						
1.4	QPSK	1	3	16.50	16.55	16.42								
1.4	QPSK	1	5	16.44	16.62	16.54								
1.4	QPSK	3	0	16.51	16.54	16.48								
1.4	QPSK	3	1	16.44	16.53	16.38								
1.4	QPSK	3	16.44											



Band 12_Default&DSI3 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				23060	23095	23130		
Frequency (MHz)				704	707.5	711		
10	QPSK	1	0	22.83	22.94	22.88		
10	QPSK	1	25	22.74	22.87	22.77		
10	QPSK	1	49	22.68	22.83	22.71	24	0
10	QPSK	25	0	21.79	22.02	21.88		
10	QPSK	25	12	21.74	21.88	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	23	1
10	16QAM	1	49	21.81	21.92	21.80		
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	19.88	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				23200	23235	23270		
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		
5	QPSK	12	7	21.61	21.79	21.66	23	1
5	QPSK	12	13	21.70	21.83	21.66		
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	23	1
5	16QAM	1	24	21.74	21.85	21.73		
5	16QAM	12	0	20.77	20.95	20.79		
5	16QAM	12	7	20.68	20.79	20.69	22	2
5	16QAM	12	13	20.69	20.81	20.68		
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	19.78	19.68		
5	64QAM	25	0	19.77	19.86	19.69		
Channel				23025	23095	23165		
Frequency (MHz)				700.5	707.5	714.5		
3	QPSK	1	0	22.78	22.82	22.81	24	0
3	QPSK	1	8	22.65	22.79	22.67		
3	QPSK	1	14	22.58	22.73	22.64		
3	QPSK	8	0	21.70	21.93	21.78		
3	QPSK	8	4	21.63	21.80	21.67	23	1
3	QPSK	8	7	21.69	21.82	21.66		
3	QPSK	15	0	21.68	21.90	21.77		
3	16QAM	1	0	21.74	21.81	21.66		
3	16QAM	1	8	21.80	21.82	21.84	23	1
3	16QAM	1	14	21.73	21.82	21.71		
3	16QAM	8	0	20.78	20.90	20.77		
3	16QAM	8	4	20.67	20.77	20.67	22	2
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	22	2
3	64QAM	1	8	20.75	20.87	20.73		
3	64QAM	1	14	20.70	20.83	20.78		
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		
Frequency (MHz)				699.7	707.5	715.3		
1.4	QPSK	1	0	22.72	22.83	22.75		
1.4	QPSK	1	3	22.64	22.77	22.64	24	0
1.4	QPSK	1	5	22.57	22.73	22.60		
1.4	QPSK	3	0	22.85	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		
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	21.78	21.93	21.78		
1.4	16QAM	1	5	21.72	21.78	21.65	23	1
1.4	16QAM	3	1	21.83	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	22	2
1.4	64QAM	1	0	20.63	20.83	20.68		
1.4	64QAM	1	3	20.74	20.91	20.76		
1.4	64QAM	1	5	20.67	20.78	20.72	22	2
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&DSI3 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				23230				
Frequency (MHz)				782				
10	QPSK	1	0		23.07			
10	QPSK	1	25		23.04		24	0
10	QPSK	1	49		22.95			
10	QPSK	25	0		22.12			
10	QPSK	25	12		22.02			
10	QPSK	25	25		22.06		23	1
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			
10	16QAM	25	25		21.09		22	2
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				23200	23230	23250		
Frequency (MHz)				778.5	782	784.5		
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		
5	16QAM	1	12	22.02	22.07	22.08	23	1
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	20.96	20.99	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	21	3
5	64QAM	12	13	19.98	19.95	20.02		
5	64QAM	25	0	19.85	19.80	19.81		

Band 14_DSI3 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				23330				
Frequency (MHz)				793				
10	QPSK	1	0		21.54			
10	QPSK	1	25		21.51		22.5	0
10	QPSK	1	49		21.47			
10	QPSK	25	0		21.47			
10	QPSK	25	12		21.44		22.5	0
10	QPSK	25	25		21.40			
10	QPSK	50	0		21.41			
10	16QAM	1	0		21.52		22.5	0
10	16QAM	1	25		21.46			
10	16QAM	1	49		21.38			
10	16QAM	25	0		20.92			



Band 26_DSI3 Ant1 for ENDC																			
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)											
Channel									28765	28865	28965								
Frequency (MHz)									821.5	831.5	841.5								
15	QPSK	1	0	18.62	18.81	18.64	19.5	0											
15	QPSK	1	37	18.56	18.67	18.59													
15	QPSK	1	74	18.54	18.63	18.59													
15	QPSK	36	0	17.53	17.63	17.57	18.5	1											
15	QPSK	36	20	17.44	17.51	17.48													
15	QPSK	36	39	17.51	17.50	17.43													
15	QPSK	75	0	17.56	17.62	17.60	18.5	1											
15	16QAM	1	0	17.69	17.75	17.64													
15	16QAM	1	37	17.53	17.64	17.67													
15	16QAM	1	74	17.48	17.57	17.53	17.5	2											
15	16QAM	36	0	16.56	16.64	16.49													
15	16QAM	36	20	16.53	16.60	16.57													
15	16QAM	36	39	16.50	16.54	16.47	17.5	2											
15	16QAM	75	0	16.51	16.61	16.62													
15	64QAM	1	0	16.60	16.72	16.64													
15	64QAM	1	37	16.61	16.66	16.62	17.5	2											
15	64QAM	1	74	16.48	16.65	16.48													
15	64QAM	36	0	15.59	15.70	15.48													
15	64QAM	36	20	15.49	15.61	15.50	16.5	3											
15	64QAM	36	39	15.57	15.62	15.49													
15	64QAM	75	0	15.53	15.53	15.62													
Channel									28760	28860	28960	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)									810	821.5	844								
10	QPSK	1	0	18.58	18.66	18.58	19.5	0											
10	QPSK	1	25	18.49	18.55	18.55													
10	QPSK	1	49	18.45	18.51	18.53													
10	QPSK	25	0	17.51	17.57	17.50	18.5	1											
10	QPSK	25	12	17.33	17.46	17.38													
10	QPSK	25	25	17.47	17.44	17.35													
10	QPSK	50	0	17.52	17.53	17.50	18.5	1											
10	16QAM	1	0	17.55	17.65	17.50													
10	16QAM	1	25	17.39	17.58	17.56													
10	16QAM	1	49	17.42	17.44	17.45	17.5	2											
10	16QAM	25	0	16.45	16.61	16.39													
10	16QAM	25	12	16.40	16.55	16.48													
10	16QAM	25	25	16.40	16.56	16.39	17.5	2											
10	16QAM	50	0	16.43	16.51	16.50													
10	64QAM	1	0	16.48	16.59	16.56													
10	64QAM	1	25	16.53	16.61	16.55	17.5	2											
10	64QAM	1	49	16.40	16.61	16.39													
10	64QAM	25	0	15.53	15.64	15.44													
10	64QAM	25	12	15.54	15.64	15.39	16.5	3											
10	64QAM	25	25	15.48	15.56	15.38													
10	64QAM	50	0	15.40	15.50	15.52													
Channel									26716	26866	27016	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)									816.5	831.5	846.5								
5	QPSK	1	0	18.49	18.62	18.59	19.5	0											
5	QPSK	1	12	18.47	18.56	18.55													
5	QPSK	1	24	18.51	18.50	18.48													
5	QPSK	12	0	17.43	17.57	17.52	18.5	1											
5	QPSK	12	7	17.37	17.47	17.35													
5	QPSK	12	13	17.43	17.43	17.41													
5	QPSK	25	0	17.44	17.48	17.57	18.5	1											
5	16QAM	1	0	17.64	17.62	17.61													
5	16QAM	1	12	17.51	17.54	17.59													
5	16QAM	1	24	17.40	17.44	17.50	17.5	2											
5	16QAM	12	0	16.54	16.58	16.46													
5	16QAM	12	7	16.44	16.51	16.51													
5	16QAM	12	13	16.47	16.42	16.37	17.5	2											
5	16QAM	25	0	16.39	16.54	16.49													
5	64QAM	1	0	16.48	16.64	16.56													
5	64QAM	1	12	16.51	16.62	16.57	17.5	2											
5	64QAM	1	24	16.38	16.54	16.38													
5	64QAM	12	0	15.49	15.59	15.44													
5	64QAM	12	7	15.39	15.58	15.48	16.5	3											
5	64QAM	12	13	15.44	15.51	15.38													
5	64QAM	25	0	15.45	15.49	15.52													
Channel									22025	22125	22025	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)									815.5	831.5	847.5								
3	QPSK	1	0	18.56	18.59	18.51	19.5	0											
3	QPSK	1	8	18.53	18.63	18.48													
3	QPSK	1	14	18.47	18.58	18.54													
3	QPSK	8	0	17.39	17.59	17.44	18.5	1											
3	QPSK	8	4	17.30	17.44	17.35													
3	QPSK	8	7	17.38	17.43	17.33													
3	QPSK	15	0	17.52	17.50	17.48	18.5	1											
3	16QAM	1	0	17.67	17.64	17.54													
3	16QAM	1	8	17.47	17.57	17.60													
3	16QAM	1	14	17.37	17.43	17.50	17.5	2											
3	16QAM	8	0	16.50	16.57	16.45													
3	16QAM	8	4	16.51	16.47	16.35													
3	16QAM	8	7	16.37	16.49	16.35	17.5	2											
3	16QAM	15	0	16.47	16.56	16.54													
3	64QAM	1	0	16.58	16.63	16.53													
3	64QAM	1	8	16.59	16.54	16.52	17.5	2											
3	64QAM	1	14	16.41	16.60	16.37													
3	64QAM	8	0	15.47	15.64	15.42													
3	64QAM	8	4	15.36	15.54	15.37	16.5	3											
3	64QAM	8	7	15.48	15.54	15.48													
3	64QAM	15	0	15.48	15.40	15.59													
Channel									28697	28895	27033	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)									814.7	831.5	848.3								
1.4	QPSK	1	0	18.51	18.58	18.56	19.5	0											
1.4	QPSK	1	3	18.43	18.54	18.52													
1.4	QPSK	1	5	18.42	18.46	18.50													
1.4	QPSK	3	0	18.41	18.44	18.43	18.5	1											
1.4	QPSK	3	1	18.24	18.41	18.30													
1.4	QPSK	3	3	18.34	18.35	18.33													
1.4	QPSK	6	0	17.47	17.54	17.48	18.5	1											
1.4	16QAM	1	0	17.55	17.66	17.58													
1.4	16QAM	1	3	17.41	17.57	17.54													
1.4	16QAM	1	5	17.41	17.46	17.39	18.5	1											
1.4	16QAM	3	0	17.40	17.51	17.34													
1.4	16QAM	3	1	17.34	17.40	17.43													
1.4	16QAM	3	3	17.29	17.39	17.27	17.5	2											
1.4	16QAM	6	0	16.35	16.49	16.54													
1.4	64QAM	1	0	16.54	16.66	16.49													
1.4	64QAM	1	3	16.56	16.56	16.52	17.5	2											
1.4	64QAM	1	5	16.34	16.51	16.44													
1.4	64QAM	3	0	16.44	16.54	16.29													
1.4	64QAM	3	1	16.37	16.52	16.37	17.5	2											
1.4	64QAM	3	3	16.42	16.49	16.35													
1.4	64QAM	6	0	15.41	15.39	15.48													

Band 66_DSI3 Ant1 for ENDC																			
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power High 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	17.19	17.21	17.09	18	0											
20	QPSK	1	49	17.07	17.18	16.97													
20	QPSK	1	99	17.13	17.11	16.98													
20	QPSK	50	0	16.28	16.29	16.28	17	1											
20	QPSK	50	24	16.24	16.21	16.06													
20	QPSK	50	50	16.22	16.25	16.09													
20	QPSK	100	0	16.27	16.32	16.30	17	1											
20	16QAM	1	0	16.78	16.79	16.69													
20	16QAM	1	49	16.70	16.74	16.59													
20	16QAM	1	99	16.74	16.69	16.52	16	2											
20	16QAM	50	0	14.85	14.79	14.80													
20	16QAM	50	24	14.78	14.84	14.68													
20	16QAM	50	50	14.78	14.89	14.78	16	2											
20	16QAM	100	0	14.87	14.89	14.85													
20	64QAM	1	0	14.78	14.86	14.73													
20	64QAM	1	49	14.63	14.76	14.68	16	2											
20	64QAM	1	99	14.73	14.78	14.59													
20	64QAM	50	0	13.79	13.77	13.76													
20	64QAM	50	24	13.86	13.84	13.65	15	3											
20	64QAM	50	50	13.80	13.83	13.85													
20	64QAM	100	0	13.84	13.81	13.83													
Channel									132027	132322	132572	Tune-up limit (dBm)	MPR (dB)						
Frequency (MHz)									1717.5	1745	1772.5								
15	QPSK	1	0	16.66	16.75	16.57	18	0											
15	QPSK	1	37	16.56	16.74	16.53													
15	QPSK	1	74	16.66	16.60	16.52													
15	QPSK	36	0	15.77	15.77	15.67	17	1											
15	QPSK	36	20	15.72	15.69	15.52													
15	QPSK	36	39	15.71	15.73	15.66													
15	QPSK	75	0	15.74	15.84	15.78	17	1											
15	16QAM	1	0	15.65	15.70	15.60													
15	16QAM	1	37	15.60	15.64	15.50													
15	16QAM	1	74	15.72	15.57	15.50	16	2											
15	16QAM	36	0	14.80	14.75	14.67													
15	16QAM	36	20	14.76	14.70	14.66													
15	16QAM	36	39	14.65	14.77	14.70	15	3											
15	16QAM	75	0	14.77	14.86	14.78													
15	64QAM	1	0	14.67	14.77	14.61													
15	64QAM	1	37	14.58	14.71	14.57	16	2											
15	64QAM	1	74	14.61	14.75	14.56													
15	64QAM	36	0	13.73	13.68	13.69													
15	64QAM	36	20	13.70	13.65	13.61	15	3											
15	64QAM	36	39	13.67	13.80	13.71													
15	64QAM	75	0	13.79	13.75	13.74													
Channel									132022</										



Band 4_DS17 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				2060	20175	20320	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1725	1725	1725						
20	QPSK	1	0	14.76	14.79	14.69	16	0				
20	QPSK	1	49	14.71	14.76	14.64						
20	QPSK	1	99	14.64	14.71	14.59						
20	QPSK	50	0	13.78	13.89	13.74						
20	QPSK	50	24	13.72	13.87	13.65						
20	QPSK	50	50	13.56	13.87	13.86						
20	QPSK	100	0	13.83	13.84	13.71	15	1				
20	16QAM	1	0	13.84	13.82	13.67						
20	16QAM	1	49	13.66	13.84	13.54						
20	16QAM	1	99	13.59	13.79	13.67						
20	16QAM	50	0	12.82	12.84	12.65						
20	16QAM	50	24	12.77	12.71	12.55						
20	16QAM	50	50	12.68	12.72	12.58	14	2				
20	16QAM	100	0	12.80	12.83	12.68						
20	64QAM	1	0	12.75	12.89	12.76						
20	64QAM	1	49	12.74	12.87	12.63						
20	64QAM	50	0	11.86	12.84	12.65						
20	64QAM	50	24	11.77	11.69	11.64						
20	64QAM	50	50	11.74	11.76	11.51	13	3				
20	64QAM	100	0	11.75	11.91	11.63						
Channel				20025	20175	20325			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5						
15	QPSK	1	0	14.71	14.76	14.60			16	0		
15	QPSK	1	37	14.58	14.66	14.59						
15	QPSK	1	74	14.62	14.67	14.55						
15	QPSK	36	0	13.68	13.85	13.72						
15	QPSK	36	20	13.63	13.65	13.57						
15	QPSK	36	39	13.59	13.76	13.62						
15	QPSK	75	0	13.73	13.76	13.69	15	1				
15	16QAM	1	0	13.79	13.76	13.55						
15	16QAM	1	37	13.70	13.70	13.45						
15	16QAM	1	74	13.56	13.69	13.65						
15	16QAM	36	0	12.68	12.77	12.53						
15	16QAM	36	20	12.64	12.64	12.44						
15	16QAM	36	39	12.60	12.69	12.47	14	2				
15	16QAM	75	0	12.67	12.76	12.55						
15	16QAM	1	1	12.69	12.75	12.70						
15	64QAM	1	37	12.70	12.82	12.53						
15	64QAM	1	74	12.49	12.74	12.60						
15	64QAM	36	0	11.84	11.85	11.67						
15	64QAM	36	20	11.67	11.64	11.59	13	3				
15	64QAM	36	39	11.69	11.67	11.57						
15	64QAM	75	0	11.70	11.85	11.69						
Channel				20000	20175	20320			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1750						
10	QPSK	1	0	14.72	14.72	14.55			16	0		
10	QPSK	1	25	14.61	14.73	14.60						
10	QPSK	1	49	14.58	14.66	14.49						
10	QPSK	25	0	13.69	13.77	13.70						
10	QPSK	25	12	13.69	13.69	13.49						
10	QPSK	25	25	13.58	13.71	13.63						
10	QPSK	50	0	13.74	13.76	13.65	15	1				
10	16QAM	1	0	13.78	13.71	13.65						
10	16QAM	1	25	13.82	13.82	13.40						
10	16QAM	1	49	13.53	13.71	13.63						
10	16QAM	25	0	12.70	12.76	12.60						
10	16QAM	25	12	12.70	12.75	12.51						
10	16QAM	25	25	12.64	12.62	12.53	14	2				
10	16QAM	50	0	12.70	12.76	12.55						
10	64QAM	1	0	12.68	12.76	12.70						
10	64QAM	1	25	12.70	12.81	12.51						
10	64QAM	1	49	12.54	12.75	12.60						
10	64QAM	25	0	11.81	11.86	11.61						
10	64QAM	25	12	11.73	11.63	11.58	13	3				
10	64QAM	25	25	11.67	11.67	11.37						
10	64QAM	50	0	11.72	11.80	11.49						
Channel				19975	20175	20375			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5						
5	QPSK	1	0	14.74	14.70	14.64			16	0		
5	QPSK	1	14	14.54	14.64	14.54						
5	QPSK	1	24	14.51	14.62	14.54						
5	QPSK	12	0	13.67	13.77	13.69						
5	QPSK	12	7	13.67	13.74	13.60						
5	QPSK	12	13	13.60	13.71	13.62						
5	QPSK	25	0	13.69	13.72	13.61	15	1				
5	16QAM	1	0	13.70	13.69	13.49						
5	16QAM	1	12	13.53	13.82	13.46						
5	16QAM	1	24	13.49	13.71	13.57						
5	16QAM	12	0	12.69	12.75	12.55						
5	16QAM	12	7	12.67	12.83	12.50						
5	16QAM	12	13	12.60	12.64	12.47	14	2				
5	16QAM	25	0	12.68	12.75	12.60						
5	64QAM	1	0	12.71	12.85	12.67						
5	64QAM	1	12	12.71	12.76	12.56						
5	64QAM	1	24	12.57	12.81	12.53						
5	64QAM	12	0	11.83	11.71	11.60						
5	64QAM	12	7	11.67	11.62	11.54	13	3				
5	64QAM	12	13	11.66	11.67	11.38						
5	64QAM	25	0	11.71	11.82	11.53						
Channel				19995	20175	20395			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	14.64	14.66	14.60			16	0		
3	QPSK	1	8	14.60	14.69	14.61						
3	QPSK	1	14	14.50	14.62	14.47						
3	QPSK	8	0	13.69	13.86	13.64						
3	QPSK	8	4	13.63	13.71	13.56						
3	QPSK	8	7	13.57	13.78	13.53						
3	QPSK	15	0	13.75	13.80	13.63	15	1				
3	16QAM	1	0	13.79	13.77	13.58						
3	16QAM	1	8	13.59	13.81	13.50						
3	16QAM	1	14	13.57	13.74	13.56						
3	16QAM	8	0	12.79	12.70	12.54						
3	16QAM	8	4	12.72	12.63	12.46						
3	16QAM	8	7	12.66	12.70	12.48	14	2				
3	16QAM	15	0	12.73	12.73	12.56						
3	64QAM	1	0	12.69	12.76	12.64						
3	64QAM	1	8	12.71	12.79	12.59						
3	64QAM	1	14	12.56	12.78	12.57						
3	64QAM	8	0	11.78	11.76	11.63						
3	64QAM	8	4	11.70	11.61	11.52	13	3				
3	64QAM	8	7	11.65	11.67	11.44						
3	64QAM	15	0	11.72	11.81	11.57						
Channel				19997	20175	20393			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	14.68	14.73	14.64			16	0		
1.4	QPSK	1	3	14.65	14.62	14.61						
1.4	QPSK	1	5	14.61	14.58	14.46						
1.4	QPSK	3	0	14.68	14.67	14.62						
1.4	QPSK	3	1	14.56	14.63	14.52						
1.4	QPSK	3	3	14.51	14.69	14.47						
1.4	QPSK	6	0	13.73	13.77	13.64	15	1				
1.4	16QAM	1	0	13.75	13.75	13.55						
1.4	16QAM	1	3	13.55	13.80	13.46						
1.4	16QAM	1	5	13.46	13.74	13.61						
1.4	16QAM	3	0	13.64	13.65	13.56						
1.4	16QAM	3	1	13.59	13.57	13.42						
1.4	16QAM	3	3	13.57	13.58	13.43	14	2				
1.4	16QAM	6	0	12.70	12.75	12.60						
1.4	64QAM	1	0	12.61	12.78	12.68						
1.4	64QAM	1	3	12.68	12.78	12.52						
1.4	64QAM	1	5	12.54	12.80	12.62						
1.4	64QAM	3	0	12.88	12.82	12.53						
1.4	64QAM	3	1	12.69	12.52	12.56	14	2				
1.4	64QAM	3	3	12.82	12.66	12.33						
1.4	64QAM	6	0	11.72	11.81	11.50						

Band 5_DS17 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				20450	20525	20600	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				829	836.5	844						
10	QPSK	1	0	17.58	17.64	17.60	19	0				
10	QPSK	1	25	17.44	17.62	17.46						
10	QPSK	1	49	17.52	17.58	17.46						
10	QPSK	25	0	16.64	16.66	16.56						
10	QPSK	25	12	16.56	16.61	16.46						
10	QPSK	25	25	16.59	16.55	16.42						
10	QPSK	50	0	16.65	16.67	16.62	18	1				
10	16QAM	1	0	16.61	16.61	16.65						
10	16QAM	1	25	16.52	16.59	16.37						
10	16QAM	1	49	16.47	16.61	16.53						
10	16QAM	25	0	15.66	15.67	15.63						
10	16QAM	25	12	15.61	15.67	15.58						
10	16QAM	25	25	15.56	15.56	15.43	17	2				
10	16QAM	50	0	15.70	15.61	15.56						
10	64QAM	1	0	15.68	15.71	15.55						
10	64QAM	1	25	15.49	15.54	15.45						
10	64QAM	1	49	15.40	15.56	15.49						
10	64QAM	25	0	14.70	14.76	14.64						
10	64QAM	25	12	14.57	14.68	14.53	16	3				
10	64QAM	25	25	14.60	14.62	14.45						
10	64QAM	50	0	14.78	14.62	14.53						
Channel				20425	20525	20625			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				826.5	836.5	846.5						
5	QPSK	1	0	17.45	17.62	17.50			19	0		



Band 12_Default&DS17 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										
Frequency (MHz)				23060	23065	23150				
				704	707.5	711				
10	QPSK	1	0	22.83	22.94	22.88				
10	QPSK	1	25	22.74	22.87	22.77	24	0		
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	23	1		
10	QPSK	25	25	21.79	21.91	21.78				
10	QPSK	50	0	21.78	22.01	21.87				
10	16QAM	1	0	21.84	21.93	21.78				
10	16QAM	1	25	21.88	22.02	21.91	23	1		
10	16QAM	1	49	21.81	21.92	21.80				
10	16QAM	25	0	20.88	21.02	20.87				
10	16QAM	25	12	20.77	20.87	20.78	22	2		
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	20.89	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										
Frequency (MHz)				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)		
				701.5	707.5	713.5				
5	QPSK	1	0	22.75	22.87	22.81				
5	QPSK	1	12	22.66	22.78	22.64	24	0		
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	23	1		
5	QPSK	12	13	21.70	21.83	21.68				
5	QPSK	25	0	21.63	21.90	21.78				
5	16QAM	1	0	21.73	21.83	21.66				
5	16QAM	1	12	21.80	21.89	21.83	23	1		
5	16QAM	1	24	21.74	21.85	21.73				
5	16QAM	12	0	20.77	20.95	20.79				
5	16QAM	12	7	20.68	20.79	20.69	22	2		
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	22	2		
5	64QAM	1	12	20.74	20.88	20.78				
5	64QAM	1	24	20.70	20.84	20.72				
5	64QAM	12	0	19.75	19.93	19.78				
5	64QAM	12	7	19.69	19.76	19.71	21	3		
5	64QAM	12	13	19.68	19.76	19.68				
5	64QAM	25	0	19.77	19.85	19.69				
Channel										
Frequency (MHz)				23025	23095	23155	Tune-up limit (dBm)	MPR (dB)		
				700.5	707.5	714.5				
3	QPSK	1	0	22.76	22.82	22.81				
3	QPSK	1	8	22.65	22.79	22.67	24	0		
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	23	1		
3	QPSK	8	7	21.69	21.82	21.66				
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	23	1		
3	16QAM	1	14	21.73	21.82	21.71				
3	16QAM	8	0	20.78	20.90	20.77				
3	16QAM	8	4	20.67	20.77	20.67	22	2		
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	21	3		
3	64QAM	8	7	19.68	19.79	19.68				
3	64QAM	15	0	19.77	19.85	19.71				
Channel										
Frequency (MHz)				23017	23095	23173	Tune-up limit (dBm)	MPR (dB)		
				699.7	707.5	715.3				
1.4	QPSK	1	0	22.72	22.83	22.75				
1.4	QPSK	1	3	22.64	22.77	22.64	24	0		
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				
1.4	QPSK	6	0	21.69	21.91	21.77	23	1		
1.4	16QAM	1	0	21.72	21.94	21.64				
1.4	16QAM	1	3	21.76	21.93	21.78	23	1		
1.4	16QAM	1	5	21.72	21.78	21.65				
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				
1.4	16QAM	6	0	20.74	20.86	20.72	22	2		
1.4	64QAM	1	0	20.63	20.83	20.68				
1.4	64QAM	1	3	20.74	20.91	20.76				
1.4	64QAM	1	5	20.67	20.78	20.72	22	2		
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_DS17 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										
Frequency (MHz)				23260	23265	23350				
				782						
10	QPSK	1	0		20.71					
10	QPSK	1	25		20.68		22	0		
10	QPSK	1	49		20.63					
10	QPSK	25	0		19.52					
10	QPSK	25	12		19.45		21	1		
10	QPSK	25	25		19.48					
10	QPSK	50	0		19.65					
10	16QAM	1	0		19.70					
10	16QAM	1	25		19.58		21	1		
10	16QAM	1	49		19.53					
10	16QAM	25	0		18.50					
10	16QAM	25	12		18.51		20	2		
10	16QAM	25	25		18.45					
10	16QAM	50	0		18.72					
10	64QAM	1	0		18.71					
10	64QAM	1	25		18.64		20	2		
10	64QAM	1	49		18.60					
10	64QAM	25	0		17.51					
10	64QAM	25	12		17.57		19	3		
10	64QAM	25	25		17.38					
10	64QAM	50	0		17.69					
Channel										
Frequency (MHz)				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)		
				779.5	782	784.5				
5	QPSK	1	0	20.66	20.68	20.61				
5	QPSK	1	12	20.56	20.53	20.63	22	0		
5	QPSK	1	24	20.60	20.52	20.47				
5	QPSK	12	0	19.45	19.38	19.47				
5	QPSK	12	7	19.34	19.39	19.33	21	1		
5	QPSK	12	13	19.38	19.43	19.32				
5	QPSK	25	0	19.54	19.54	19.60				
5	16QAM	1	0	19.62	19.66	19.61				
5	16QAM	1	12	19.42	19.48	19.48	21	1		
5	16QAM	1	24	19.38	19.43	19.48				
5	16QAM	12	0	18.44	18.38	18.42				
5	16QAM	12	7	18.38	18.42	18.45	20	2		
5	16QAM	12	13	18.27	18.34	18.33				
5	16QAM	25	0	18.64	18.56	18.56				
5	64QAM	1	0	18.						



Band 26_DSI7 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								
Frequency (MHz)								
15	QPSK	1	0	18.71	18.75	18.72		
15	QPSK	1	37	18.69	18.62	18.66	19	0
15	QPSK	1	74	18.83	18.83	18.84		
15	QPSK	36	0	17.55	17.65	17.58		
15	QPSK	36	29	17.44	17.51	17.56	18	1
15	QPSK	36	39	17.45	17.55	17.56		
15	QPSK	75	0	17.57	17.63	17.55		
15	16QAM	1	0	17.78	17.77	17.78		
15	16QAM	1	37	17.71	17.61	17.75	18	1
15	16QAM	1	74	17.54	17.63	17.69		
15	16QAM	36	0	16.62	16.60	16.54		
15	16QAM	36	20	16.41	16.55	16.48	17	2
15	16QAM	36	39	16.48	16.48	16.61		
15	16QAM	75	0	16.47	16.60	16.54		
15	64QAM	1	0	16.80	16.77	16.79		
15	64QAM	1	37	16.69	16.60	16.80	17	2
15	64QAM	1	74	16.45	16.72	16.66		
15	64QAM	36	0	15.69	15.62	15.69		
15	64QAM	36	20	15.49	15.48	15.43	16	3
15	64QAM	36	39	15.53	15.44	15.58		
15	64QAM	75	0	15.56	15.56	15.50		
Channel								
Frequency (MHz)								
10	QPSK	1	0	18.59	18.57	18.64		
10	QPSK	1	25	18.98	18.47	18.60	19	0
10	QPSK	1	49	18.45	18.56	18.54		
10	QPSK	25	0	17.42	17.54	17.55		
10	QPSK	25	12	17.34	17.37	17.44	18	1
10	QPSK	25	25	17.39	17.44	17.48		
10	QPSK	50	0	17.48	17.54	17.47		
10	16QAM	1	0	17.75	17.65	17.64	18	1
10	16QAM	1	25	17.53	17.47	17.52		
10	16QAM	1	49	17.39	17.55	17.60		
10	16QAM	25	0	16.44	16.51	16.40		
10	16QAM	25	12	16.29	16.44	16.40	17	2
10	16QAM	25	25	16.42	16.41	16.58		
10	16QAM	50	0	16.39	16.35	16.31		
10	16QAM	1	0	16.62	16.63	16.63	17	2
10	64QAM	1	25	16.63	16.53	16.71		
10	64QAM	1	49	16.38	16.55	16.48		
10	64QAM	25	0	15.58	15.51	15.42		
10	64QAM	25	12	15.46	15.33	15.36	16	3
10	64QAM	25	25	15.44	15.37	15.49		
10	64QAM	50	0	15.44	15.47	15.43		
Channel								
Frequency (MHz)								
5	QPSK	1	0	18.65	18.62	18.62		
5	QPSK	1	12	18.58	18.57	18.56	19	0
5	QPSK	1	24	18.53	18.49	18.58		
5	QPSK	12	0	17.40	17.54	17.50		
5	QPSK	12	7	17.35	17.36	17.51	18	1
5	QPSK	12	13	17.35	17.41	17.45		
5	QPSK	25	0	17.39	17.51	17.43		
5	16QAM	1	0	17.71	17.63	17.67		
5	16QAM	1	12	17.58	17.50	17.68	18	1
5	16QAM	1	24	17.38	17.55	17.65		
5	16QAM	12	0	16.58	16.45	16.44		
5	16QAM	12	7	16.38	16.40	16.36	17	2
5	16QAM	12	13	16.31	16.37	16.58		
5	16QAM	25	0	16.42	16.50	16.39		
5	64QAM	1	0	16.62	16.59	16.69		
5	64QAM	1	12	16.51	16.55	16.75	17	2
5	64QAM	1	24	16.39	16.67	16.49		
5	64QAM	12	0	15.55	15.47	15.50		
5	64QAM	12	7	15.45	15.38	15.38	16	3
5	64QAM	12	13	15.43	15.29	15.48		
5	64QAM	25	0	15.42	15.37	15.34		
Channel								
Frequency (MHz)								
3	QPSK	1	0	18.61	18.63	18.70		
3	QPSK	1	5	18.65	18.65	18.60	19	0
3	QPSK	1	14	18.60	18.56	18.48		
3	QPSK	8	0	17.43	17.63	17.49		
3	QPSK	8	4	17.39	17.43	17.44	18	1
3	QPSK	8	7	17.30	17.47	17.51		
3	QPSK	15	0	17.43	17.52	17.46		
3	16QAM	1	0	17.72	17.62	17.63	18	1
3	16QAM	1	8	17.69	17.51	17.62		
3	16QAM	1	14	17.37	17.50	17.47		
3	16QAM	8	0	16.59	16.53	16.43		
3	16QAM	8	4	16.29	16.40	16.33	17	2
3	16QAM	8	7	16.38	16.38	16.50		
3	16QAM	15	0	16.41	16.48	16.40		
3	64QAM	1	0	16.62	16.59	16.63	17	2
3	64QAM	1	8	16.68	16.44	16.69		
3	64QAM	1	14	16.38	16.58	16.52		
3	64QAM	8	0	15.51	15.54	15.42		
3	64QAM	8	4	15.34	15.45	15.27	16	3
3	64QAM	8	7	15.50	15.40	15.47		
3	64QAM	15	0	15.40	15.48	15.42		
Channel								
Frequency (MHz)								
1.4	QPSK	1	0	18.59	18.73	18.55		
1.4	QPSK	1	3	18.67	18.57	18.55	19	0
1.4	QPSK	1	5	18.53	18.47	18.58		
1.4	QPSK	3	0	18.43	18.37	18.38		
1.4	QPSK	3	1	18.19	18.25	18.26		
1.4	QPSK	3	3	18.21	18.34	18.34	15	1
1.4	QPSK	6	0	17.45	17.58	17.50		
1.4	16QAM	1	0	17.70	17.70	17.65	18	1
1.4	16QAM	1	3	17.61	17.47	17.66		
1.4	16QAM	1	5	17.47	17.48	17.52	18	1
1.4	16QAM	3	0	17.46	17.47	17.30		
1.4	16QAM	3	1	17.26	17.30	17.29		
1.4	16QAM	3	3	17.27	17.38	17.38	14	2
1.4	16QAM	6	0	16.45	16.52	16.49		
1.4	64QAM	1	0	16.67	16.69	16.72	17	2
1.4	64QAM	1	3	16.52	16.48	16.65		
1.4	64QAM	1	5	16.41	16.55	16.49		
1.4	64QAM	3	0	16.50	16.45	16.33	17	2
1.4	64QAM	3	1	16.25	16.27	16.17		
1.4	64QAM	3	3	16.30	16.20	16.31		
1.4	64QAM	6	0	15.47	15.51	15.38	16	3

Band 66_DSI7 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								
Frequency (MHz)								
20	QPSK	1	0	14.80	14.85	14.82		
20	QPSK	1	49	14.70	14.79	14.58	16	0
20	QPSK	1	99	14.73	14.73	14.55		
20	QPSK	50	0	13.76	13.93	13.68		
20	QPSK	50	24	13.69	13.79	13.55	15	1
20	QPSK	50	50	13.72	13.68	13.64		
20	QPSK	100	0	13.82	13.86	13.84		
20	16QAM	1	0	13.89	13.89	13.88		
20	16QAM	1	49	13.71	13.79	13.59	15	1
20	16QAM	1	99	13.66	13.81	13.51		
20	16QAM	50	0	12.94	12.71	12.74		
20	16QAM	50	24	12.75	12.75	12.53	14	2
20	16QAM	50	50	12.65	12.66	12.72		
20	16QAM	100	0	12.86	12.86	12.77		
20	64QAM	1	0	12.89	12.85	12.63		
20	64QAM	1	49	12.73	12.75	12.57	14	2
20	64QAM	1	99	12.74	12.90	12.57		
20	64QAM	50	0	11.83	11.78	11.78	15	1
20	64QAM	50	24	11.82	11.75	11.52		
20	64QAM	50	50	11.75	11.71	11.69	13	3
20	64QAM	100	0	11.77	11.79	11.72		
Channel								
Frequency (MHz)								
15	QPSK	1	0	14.77	14.71	14.48		
15	QPSK	1	37	14.68	14.65	14.48	16	0
15	QPSK	1	74	14.64	14.59	14.40		
15	QPSK	36	0	13.70	13.74	13.52		
15	QPSK	36	20	13.67	13.72	13.52	15	1
15	QPSK	36	39	13.67	13.59	13.47		
15	QPSK	75	0	13.68	13.84	13.81		
15	16QAM	1	0	13.53	13.52	13.52		
15	16QAM	1	37	13.64	13.63	13.56	15	1
15	16QAM	1	74	13.58	13.64	13.45		
15	16QAM	36	0	12.71	12.61	12.68		
15	16QAM	36	20	12.69	12.73	12.39	14	2
15	16QAM	36	39	12.47	12.49	12.62		
15	16QAM	75	0					



Band 4_DSi6 Ant1 for ENDC

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains 1000 rows of channel parameters for Band 4.

Band 5_Default&DSi6 Ant1 for ENDC

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains 1000 rows of channel parameters for Band 5.

Band 7_DSi6 Ant1 for ENDC

Table with columns: BW [MHz], Modulation, RB Size, RB Offset, Power Low Ch./Freq., Power Middle Ch./Freq., Power High Ch./Freq., Tune-up limit (dBm), MPR (dB). Contains 1000 rows of channel parameters for Band 7.



Band 12_Default&DSI6 Ant1 for ENDC

Channel	Power Low	Power Middle	Power High	Tune-up limit	MPR
Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	(dBm)	(dB)
Channel					
23050 23095 23150					
Frequency (MHz)					
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	21.98	21.77		
10 QPSK 25 25	21.79	21.91	21.78		
10 QPSK 50 0	21.78	22.01	21.87		
10 16QAM 1 0	21.84	21.93	21.78	23	1
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	20.78		
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	22	2
10 64QAM 1 25	20.86	20.99	20.84		
10 64QAM 1 49	20.80	20.92	20.83		
10 64QAM 25 0	19.75	19.87	19.74	21	3
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		
Channel					
23035 23095 23155					
Frequency (MHz)					
5 QPSK 1 0	22.75	22.87	22.81	24	0
5 QPSK 1 12	22.66	22.78	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	22	2
5 16QAM 1 12	21.80	21.91	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	22	2
5 64QAM 1 0	20.65	20.81	20.67	21	3
5 64QAM 1 12	20.74	20.86	20.76		
5 64QAM 1 24	20.70	20.84	20.72		
5 64QAM 12 0	19.75	19.93	19.78		
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		
Channel					
23025 23095 23165					
Frequency (MHz)					
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	21.65	21.90	21.77	23	1
3 16QAM 1 0	21.74	21.81	21.66	22	2
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	21	3
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	22	2
3 64QAM 1 0	20.67	20.79	20.70	21	3
3 64QAM 1 8	20.75	20.87	20.73		
3 64QAM 1 14	20.70	20.83	20.76		
3 64QAM 8 0	19.75	19.85	19.75		
3 64QAM 8 4	19.70	19.74	19.68		
3 64QAM 8 7	19.68	19.79	19.68		
3 64QAM 15 0	19.77	19.85	19.71		
Channel					
23017 23095 23173					
Frequency (MHz)					
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	23	1
1.4 QPSK 3 1	22.64	22.80	22.70		
1.4 QPSK 3 3	22.85	22.80	22.84		
1.4 QPSK 6 0	21.69	21.91	21.77	22	2
1.4 16QAM 1 0	21.72	21.84	21.64	23	1
1.4 16QAM 1 3	21.76	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		
1.4 16QAM 3 1	21.83	21.79	21.69		
1.4 16QAM 3 3	21.66	21.82	21.70		
1.4 16QAM 6 0	20.74	20.95	20.72	22	2
1.4 64QAM 1 0	20.63	20.83	20.68	22	2
1.4 64QAM 1 3	20.74	20.91	20.76		
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

Channel	Power Low	Power Middle	Power High	Tune-up limit	MPR
Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	(dBm)	(dB)
Channel					
23205 23230 23255					
Frequency (MHz)					
10 QPSK 1 0	23.07			24	0
10 QPSK 1 25	23.04				
10 QPSK 1 49	22.95				
10 QPSK 25 0	22.12			23	1
10 QPSK 25 12	22.02				
10 QPSK 25 25	22.06				
10 QPSK 50 0	21.99				
10 16QAM 1 0	22.13			23	1
10 16QAM 1 25	22.16				
10 16QAM 1 49	22.02				
10 16QAM 25 0	20.87			22	2
10 16QAM 25 12	21.01				
10 16QAM 25 25	21.09				
10 16QAM 50 0	20.97				
10 64QAM 1 0	21.08			22	2
10 64QAM 1 25	21.09				
10 64QAM 1 49	20.94				
10 64QAM 25 0	19.86			21	3
10 64QAM 25 12	20.01				
10 64QAM 25 25	20.08				
10 64QAM 50 0	19.94				
Channel					
23205 23230 23255					
Frequency (MHz)					
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	22	2
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	20.89	20.86	22	2
5 64QAM 1 0	20.96	20.99	20.94	21	3
5 64QAM 1 12	20.97	21.01	20.97		
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	19.88	19.95	20.02		
5 64QAM 25 0	19.85	19.80	19.81		

Band 14_Default&DSI6 Ant1 for ENDC

Channel	Power Low	Power Middle	Power High	Tune-up limit	MPR
Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	Ch. / Freq.	(dBm)	(dB)
Channel					
23305 23330 23355					
Frequency (MHz)					
10 QPSK 1 0	23.09			24	0
10 QPSK 1 25	23.06				
10 QPSK 1 49	22.96				
10 QPSK 25 0	21.98			23	1
10 QPSK 25 12	21.95				
10 QPSK 25 25	21.93				
10 QPSK 50 0	21.95				
10 16QAM 1 0	22.13			23	1
10 16QAM 1 25	22.12				
10 16QAM 1 49	22.03				
10 16QAM 25 0	20.95			22	2
10 16QAM 25 12	20.98				
10 16QAM 25 25	20.89				
10 16QAM 50 0	20.91				
10 64QAM 1 0	21.09			22	2
10 64QAM 1 25	21.06				
10 64QAM 1 49	20.98				
10 64QAM 25 0	19.93			21	3
10 64QAM 25 12	19.97				
10 64QAM 25 25	19.92				
10 64QAM 50 0	19.86				
Channel					
23305 23330 23355					
Frequency (MHz)					
5 QPSK 1 0	22.94	22.94	22.95	24	0
5 QPSK 1 12	22.94	22.94	22.96		
5 QPSK 1 24	22.82	22.88	22.85		
5 QPSK 12 0	21.90	21.90	21.85	23	1
5 QPSK 12 7	21.88	21.81	21.81		
5 QPSK 12 13	21.84	21.85	21.82		
5 QPSK 25 0	21.85	21.87	21.88	23	1
5 16QAM 1 0	22.01	22.03	22.05	22	2
5 16QAM 1 12	21.98	22.00	22.03		
5 16QAM 1 24	21.92	21.91	21.92		
5 16QAM 12 0	20.82	20.88	20.83	21	3
5 16QAM 12 7	20.90	20.86	20.91		
5 16QAM 12 13	20.81	20.76	20.76		
5 16QAM 25 0	20.76	20.81	20.79		
5 64QAM 1 0	21.00	20.97	21.00		
5 64QAM 1 12	20.95	20.95	20.95		
5 64QAM 1 24	20.84	20.91	20.88		
5 64QAM 12 0	19.85	19.85	19.78		
5 64QAM 12 7	19.84	19.86	19.87		
5 64QAM 12 13	19.83	19.82	19.80		
5 64QAM 25 0	19.79	19.77	19.79		



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											
Frequency (MHz)				831.5	831.5	841.5					
15	QPSK	1	0	23.14	23.17	23.05					
15	QPSK	1	37	23.07	22.97	22.76	24	0			
15	QPSK	1	74	23.12	22.95	22.81					
15	QPSK	36	0	22.06	22.08	21.96					
15	QPSK	36	20	21.99	21.83	21.85	23	1			
15	QPSK	36	39	21.81	21.69	21.86					
15	QPSK	75	0	22.06	22.08	21.84					
15	16QAM	1	0	22.01	22.03	21.77					
15	16QAM	1	37	22.06	22.02	21.75	23	1			
15	16QAM	1	74	21.85	21.69	21.74					
15	16QAM	36	0	21.80	21.79	21.60					
15	16QAM	36	20	21.84	21.71	21.81	22	2			
15	16QAM	36	39	21.71	21.63	21.60					
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											
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	22.95	23.08	23.04					
10	QPSK	1	25	23.05	22.94	22.87	24	0			
10	QPSK	1	49	22.93	22.82	22.79					
10	QPSK	25	0	22.02	21.97	21.79					
10	QPSK	25	12	21.79	21.73	21.80	23	1			
10	QPSK	25	25	21.65	21.54	21.67					
10	QPSK	50	0	22.10	21.90	21.73					
10	16QAM	1	0	21.20	21.21	21.55	23	1			
10	16QAM	1	25	21.95	21.82	21.95					
10	16QAM	1	49	21.64	21.58	21.58					
10	16QAM	25	0	21.67	21.76	21.41					
10	16QAM	25	12	21.67	21.69	21.46	22	2			
10	16QAM	25	25	21.56	21.47	21.42					
10	16QAM	50	0	21.51	21.34	21.60					
10	84QAM	1	0	21.14	21.25	21.19					
10	84QAM	1	25	21.11	21.13	20.97	22	2			
10	84QAM	1	49	20.81	20.82	20.82					
10	84QAM	25	0	20.76	20.10	20.83					
10	84QAM	25	12	20.68	20.62	20.69	21	3			
10	84QAM	25	25	20.60	20.69	20.60					
10	84QAM	50	0	20.28	20.41	20.67					
Channel											
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	22.74	22.93	22.83					
5	QPSK	1	12	22.93	22.69	22.54	24	0			
5	QPSK	1	24	22.68	22.56	22.65					
5	QPSK	12	0	21.78	21.80	21.62					
5	QPSK	12	7	21.60	21.57	21.62	23	1			
5	QPSK	12	13	21.50	21.41	21.41					
5	QPSK	25	0	21.85	21.78	21.53					
5	16QAM	1	0	21.61	21.76	21.35					
5	16QAM	1	12	21.76	21.65	21.38	23	1			
5	16QAM	1	24	21.37	21.32	21.46					
5	16QAM	12	0	21.54	21.55	21.20					
5	16QAM	12	7	21.47	21.53	21.30	22	2			
5	16QAM	12	13	21.33	21.21	21.18					
5	16QAM	25	0	21.37	21.11	21.33					
5	84QAM	1	0	20.95	20.98	20.96					
5	84QAM	1	12	20.98	20.86	20.76	22	2			
5	84QAM	1	24	20.55	20.69	20.54					
5	84QAM	12	0	20.49	20.76	20.41					
5	84QAM	12	7	20.47	20.48	20.56					
5	84QAM	12	13	20.37	20.52	20.38	21	3			
5	84QAM	25	0	20.12	20.15	20.53					
Channel											
Frequency (MHz)				816.5	831.5	847.5					
3	QPSK	1	0	22.47	22.79	22.64					
3	QPSK	1	6	22.79	22.47	22.39	24	0			
3	QPSK	1	14	22.52	22.41	22.38					
3	QPSK	6	0	21.63	21.56	21.43					
3	QPSK	6	4	21.38	21.37	21.50	23	1			
3	QPSK	6	7	21.36	21.27	21.28					
3	16QAM	1	0	21.68	21.61	21.35					
3	16QAM	1	6	21.54	21.63	21.13	23	1			
3	16QAM	1	8	21.51	21.38	21.25					
3	16QAM	1	14	21.20	21.17	21.31					
3	16QAM	6	0	21.26	21.35	21.02					
3	16QAM	6	4	21.21	21.39	21.06	22	2			
3	16QAM	6	7	21.08	21.05	21.03					
3	16QAM	15	0	21.21	20.88	21.19					
3	84QAM	1	0	20.36	20.72	20.84					
3	84QAM	1	8	20.70	20.66	20.59	22	2			
3	84QAM	1	14	20.43	20.43	20.41					
3	84QAM	6	0	20.34	20.59	20.14					
3	84QAM	6	4	20.32	20.26	20.35	21	3			
3	84QAM	6	7	20.13	20.37	20.21					
3	84QAM	15	0	19.94	19.89	20.34					
Channel											
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	22.44	22.57	22.44					
1.4	QPSK	1	3	22.40	22.08	22.23					
1.4	QPSK	1	6	22.51	22.24	22.21	24	0			
1.4	QPSK	3	0	22.33	22.45	22.29					
1.4	QPSK	3	1	22.24	22.03	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	6	21.15	21.13	21.09	23	1			
1.4	16QAM	3	0	21.16	21.20	21.03					
1.4	16QAM	3	3	21.06	21.05	21.08					
1.4	16QAM	6	0	21.01	20.77	20.88	22	2			
1.4	84QAM	1	0	20.54	20.53	20.57					
1.4	84QAM	1	3	20.52	20.59	20.32					
1.4	84QAM	1	6	20.32	20.46	20.26					
1.4	84QAM	3	0	20.37	20.23	20.49	22	2			
1.4	84QAM	3	1	20.07	20.13	20.01					
1.4	84QAM	3	3	20.25	20.17	20.07					
1.4	84QAM	6	0	19.76	19.70	19.88	21	3			

Band 66_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										
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	17.94	18.09	17.88				
20	QPSK	1	49	17.84	18.03	17.82	19	0		
20	QPSK	1	99	17.91	18.01	17.76				
20	QPSK	50	0	16.89	17.08	16.92				
20	QPSK	50	24	16.82	16.97	16.88	18	1		
20	QPSK	50	50	16.86	16.84	16.85				
20	QPSK	100	0	16.92	16.98	16.97				
20	16QAM	1	0	17.01	17.12	16.88				
20	16QAM	1	49	16.85	17.02	16.74	18	1		
20	16QAM	1	99	16.99	17.10	16.77				
20	16QAM	50	0	15.97	15.88	15.87				
20	16QAM	50	24	15.78	15.91	15.96	17	2		
20	16QAM	50	50	15.88	15.90	15.95				
20	16QAM	100	0	15.95	16.17	15.88				
20	64QAM	1	0	15.95	16.10	15.94				
20	64QAM	1	49	15.86	16.08	15.87	17	2		
20	64QAM	1	99	16.08	16.01	15.79				
20	64QAM	50	0	14.98	14.83	14.85				



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	18.5	0		
20	QPSK	1	49	17.64	17.56	17.71	17.51				
20	QPSK	1	99	17.50	17.60	17.65	17.41				
20	QPSK	50	0	16.54	16.56	16.73	16.57				
20	QPSK	50	24	16.49	16.54	16.70	16.51	17.5	1		
20	QPSK	50	50	16.61	16.55	16.64	16.60				
20	QPSK	100	0	16.48	16.52	16.56	16.52				
20	16QAM	1	0	16.46	16.49	16.60	16.51				
20	16QAM	1	49	16.60	16.65	16.68	16.66	17.5	1		
20	16QAM	1	99	16.56	16.49	16.61	16.57				
20	16QAM	50	0	15.51	15.56	15.66	15.59				
20	16QAM	50	24	15.65	15.67	15.70	15.54				
20	16QAM	50	50	15.61	15.47	15.60	15.60	16.5	2		
20	16QAM	100	0	15.60	15.53	15.61	15.58				
20	64QAM	1	0	15.14	15.22	15.32	15.24				
20	64QAM	1	49	15.13	15.11	15.25	15.20				
20	64QAM	1	99	15.15	15.15	15.23	15.18	16.5	2		
20	64QAM	50	0	14.63	14.47	14.59	14.54				
20	64QAM	50	24	14.51	14.65	14.63	14.50				
20	64QAM	50	50	14.55	14.48	14.61	14.54				
20	64QAM	100	0	14.54	14.56	14.69	14.60	15.5	3		
Channel				55315	55820	56160	56665				
Frequency (MHz)				3557.5	3603	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	14.58	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	15	2
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	14	3
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3603	3642	3692.5		
15	QPSK	1	0	15.98	16.03	16.22	16.21		
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	13.66	13.79		
15	64QAM	1	74	13.59	13.59	13.67	13.57	15	2
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	14	3
Channel				55290	55815	56185	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695		
10	QPSK	1	0	15.96	15.92	16.02	16.02		
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	14	3
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5		
5	QPSK	1	0	16.04	16.13	16.02	16.04		
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	15	2
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	14	3



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				
20	QPSK	50	24	14.44	14.58	14.70	14.63	15.5	1		
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				
20	16QAM	1	49	14.56	14.73	14.70	14.58	15.5	1		
20	16QAM	1	99	14.52	14.57	14.74	14.63				
20	16QAM	50	0	13.42	13.55	13.71	13.64				
20	16QAM	50	24	13.55	13.62	13.67	13.59				
20	16QAM	50	50	13.50	13.45	13.73	13.60	14.5	2		
20	16QAM	100	0	13.45	13.66	13.68	13.64				
20	64QAM	1	0	13.07	13.31	13.46	13.29				
20	64QAM	1	49	13.04	13.16	13.29	13.32				
20	64QAM	1	99	13.10	13.16	13.29	13.14	14.5	2		
20	64QAM	50	0	12.54	12.57	12.77	12.60				
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	14.5	2		
Channel				55315	55820	56160	56665				
Frequency (MHz)				3557.5	3603	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	QPSK	36	20	14.38	14.41	14.66	14.51	15.5	1		
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	16QAM	1	37	14.51	14.58	14.66	14.62	15.5	1		
15	16QAM	1	74	14.41	14.41	14.62	14.52				
15	16QAM	36	0	13.46	13.45	13.61	13.53				
15	16QAM	36	20	13.52	13.50	13.68	13.46				
15	16QAM	36	39	13.46	13.43	13.71	13.62	14.5	2		
15	16QAM	75	0	13.38	13.52	13.69	13.56				
15	64QAM	1	0	12.98	13.18	13.28	13.15				
15	64QAM	1	37	12.97	13.03	13.27	13.19				
15	64QAM	1	74	13.10	12.99	13.31	13.15	14.5	2		
15	64QAM	36	0	12.44	12.48	12.66	12.47				
15	64QAM	36	20	12.38	12.55	12.60	12.46				
15	64QAM	36	39	12.49	12.48	12.64	12.45				
15	64QAM	75	0	12.32	12.53	12.63	12.50	13.5	3		
Channel				55290	55815	56165	56690				
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				
10	QPSK	25	12	14.40	14.41	14.62	14.48	15.5	1		
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				
10	16QAM	1	25	14.49	14.53	14.66	14.59	15.5	1		
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				
10	16QAM	25	25	13.51	13.36	13.66	13.62	14.5	2		
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				
10	64QAM	1	49	13.05	13.03	13.25	13.18	14.5	2		
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				
10	64QAM	50	0	12.36	12.39	12.70	12.46	13.5	3		
Channel				55265	55810	56170	56715				
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				
5	QPSK	12	7	14.33	14.51	14.54	14.56	15.5	1		
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				
5	16QAM	1	12	14.49	14.57	14.66	14.49	15.5	1		
5	16QAM	1	24	14.41	14.50	14.68	14.46				
5	16QAM	12	0	13.41	13.55	13.57	13.48				
5	16QAM	12	7	13.44	13.52	13.71	13.50				
5	16QAM	12	13	13.50	13.42	13.69	13.53	14.5	2		
5	16QAM	25	0	13.43	13.49	13.68	13.50				
5	64QAM	1	0	13.01	13.17	13.27	13.27				
5	64QAM	1	12	13.10	13.10	13.31	13.24				
5	64QAM	1	24	12.96	13.01	13.32	13.16	14.5	2		
5	64QAM	12	0	12.38	12.44	12.69	12.51				
5	64QAM	12	7	12.44	12.55	12.71	12.50				
5	64QAM	12	13	12.47	12.52	12.63	12.48				
5	64QAM	25	0	12.33	12.40	12.60	12.60	13.5	3		

Band 48_DIS6 Ant2 for ENDC

Channel	Frequency (MHz)	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							
Frequency (MHz)							
20	QPSK	1	0	18.44	18.50	18.75	18.63
20	QPSK	1	49	18.41	18.35	18.64	18.47
20	QPSK	1	99	18.39	18.37	18.64	18.33
20	QPSK	50	0	17.37	17.34	17.70	17.48
20	QPSK	50	24	17.35	17.30	17.63	17.42
20	QPSK	50	50	17.49	17.39	17.64	17.56
20	QPSK	100	0	17.42	17.34	17.62	17.41
20	16QAM	1	0	17.36	17.33	17.62	17.38
20	16QAM	1	49	17.49	17.51	17.69	17.64
20	16QAM	1	99	17.44	17.30	17.66	17.44
20	16QAM	50	0	16.32	16.34	16.68	16.47
20	16QAM	50	24	16.52	16.52	16.58	16.53
20	16QAM	50	50	16.44	16.26	16.72	16.57
20	16QAM	100	0	16.38	16.36	16.56	16.51
20	64QAM	1	0	16.00	15.99	16.39	16.23
20	64QAM	1	49	16.04	15.98	16.25	16.24
20	64QAM	1	99	16.03	15.97	16.32	16.16
20	64QAM	50	0	15.46	15.33	15.57	15.49
20	64QAM	50	24	15.33	15.46	15.66	15.53
20	64QAM	50	50	15.40	15.43	15.67	15.47
20	64QAM	100	0	15.40	15.37	15.61	15.49
Channel 55315							
Frequency (MHz)							
15	QPSK	1	0	18.39	18.51	18.82	18.53
15	QPSK	1	37	18.46	18.33	18.63	18.55
15	QPSK	1	74	18.41	18.46	18.52	18.47
15	QPSK	36	0	17.35	17.34	17.64	17.55
15	QPSK	36	20	17.45	17.26	17.64	17.43
15	QPSK	36	39	17.43	17.44	17.68	17.43
15	QPSK	75	0	17.45	17.31	17.64	17.45
15	16QAM	1	0	17.39	17.24	17.60	17.48
15	16QAM	1	37	17.48	17.44	17.69	17.58
15	16QAM	1	74	17.49	17.28	17.67	17.56
15	16QAM	36	0	16.42	16.40	16.68	16.46
15	16QAM	36	20	16.42	16.41	16.66	16.44
15	16QAM	36	39	16.41	16.40	16.68	16.55
15	16QAM	75	0	16.45	16.45	16.70	16.47
15	64QAM	1	0	16.09	16.04	16.25	16.24
15	64QAM	1	37	16.02	15.92	16.30	16.15
15	64QAM	1	74	16.05	16.01	16.27	16.10
15	64QAM	36	0	15.42	15.35	15.58	15.54
15	64QAM	36	20	15.31	15.40	15.70	15.54
15	64QAM	36	39	15.44	15.42	15.67	15.49
15	64QAM	75	0	15.39	15.30	15.59	15.55
Channel 55290							
Frequency (MHz)							
10	QPSK	1	0	18.34	18.51	18.76	18.60
10	QPSK	1	25	18.42	18.47	18.58	18.58
10	QPSK	1	49	18.44	18.34	18.58	18.33
10	QPSK	25	0	17.32	17.43	17.63	17.58
10	QPSK	25	12	17.39	17.30	17.68	17.56
10	QPSK	25	25	17.36	17.45	17.54	17.55
10	QPSK	50	0	17.36	17.26	17.53	17.51
10	16QAM	1	0	17.31	17.32	17.52	17.53
10	16QAM	1	25	17.43	17.42	17.64	17.52
10	16QAM	1	49	17.43	17.26	17.59	17.59
10	16QAM	25	0	16.41	16.42	16.53	16.54
10	16QAM	25	12	16.42	16.46	16.68	16.56
10	16QAM	25	25	16.39	16.31	16.62	16.64
10	16QAM	50	0	16.44	16.43	16.66	16.42
10	64QAM	1	0	16.03	16.12	16.34	16.26
10	64QAM	1	25	15.97	16.05	16.32	16.23
10	64QAM	1	49	16.01	15.92	16.30	16.12
10	64QAM	25	0	15.39	15.39	15.56	15.58
10	64QAM	25	12	15.38	15.47	15.60	15.50
10	64QAM	25	25	15.46	15.33	15.72	15.56
10	64QAM	50	0	15.36	15.41	15.60	15.60
Channel 55265							
Frequency (MHz)							
5	QPSK	1	0	18.45	18.42	18.75	18.62
5	QPSK	1	12	18.42	18.37	18.69	18.59
5	QPSK	1	24	18.45	18.42	18.61	18.42
5	QPSK	12	0	17.40	17.42	17.66	17.49
5	QPSK	12	7	17.41	17.34	17.64	17.44
5	QPSK	12	13	17.45	17.35	17.60	17.50
5	QPSK	25	0	17.33	17.39	17.61	17.41
5	16QAM	1	0	17.33	17.35	17.65	17.41
5	16QAM	1	12	17.42	17.49	17.68	17.53
5	16QAM	1	24	17.36	17.41	17.65	17.58
5	16QAM	12	0	16.46	16.39	16.66	16.50
5	16QAM	12	7	16.50	16.51	16.69	16.52
5	16QAM	12	13	16.39	16.29	16.59	16.49
5	16QAM	25	0	16.46	16.46	16.63	16.51
5	64QAM	1	0	16.01	16.07	16.33	16.24
5	64QAM	1	12	16.09	15.95	16.28	16.18
5	64QAM	1	24	16.01	15.90	16.32	16.09
5	64QAM	12	0	15.39	15.41	15.69	15.45
5	64QAM	12	7	15.32	15.40	15.69	15.43
5	64QAM	12	13	15.47	15.37	15.72	15.59
5	64QAM	25	0	15.34	15.34	15.72	15.46



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

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 Full Power

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 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



2CA DL

CA List	PCC												SCC				Power	
	LTE Band	BW Ant	BW (MHz)	UL Freq (MHz)	UL Channel	Mod.	UL# RB	UL# RB Offset	DL Antenna Configuration	LTE Band	BW	DL Freq (MHz)	DL Channel	DL Antenna Configuration	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)		
CA_2A-2A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 2	5M	1967.5	1175	4x4MIMO	22.41	22.62		
CA_2C	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 2	20M	1979.8	1098	4x4MIMO	22.37	22.62		
CA_2A-4A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	23.54	22.62		
	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.05	22.71		
CA_2A-5A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.41	22.62		
	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.71	22.83		
CA_2A-7A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100		22.56	22.62		
	Band 7	Ant0	20M	2535	2110	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.41	22.62		
CA_2A-12A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.39	22.62		
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.66	22.84		
CA_2A-13A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.40	22.62		
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.59	22.84		
CA_2A-14A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		22.37	22.62		
	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.70	22.89		
CA_2A-29A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		22.58	22.62		
CA_2A-30A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 30	10M	2355	9820	4x4MIMO	22.42	22.62		
	Band 30	Ant0	10M	2310	27710	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.65	22.85		
CA_2A-48A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 48	20M	3641	56150	4x4MIMO	22.49	22.62		
	Band 48	Ant2	20M	3641	56150	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	23.05	23.28		
CA_2A-66A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 66	20M	2145	66796	4x4MIMO	22.41	22.62		
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 2	20M	1960	900	4x4MIMO	22.64	22.77		
CA_2A-71A	Band 2	Ant0	20M	1880	1890	QPSK	1	0	4x4MIMO	Band 71	20M	637	66796		22.58	22.62		
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 2	20M	1960	900	4x4MIMO	22.89	23.01		
CA_4A-4A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 4	5M	2152.5	2375	4x4MIMO	22.56	22.71		
	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.54	22.71		
CA_4A-5A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	22.67	22.83		
	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100		22.68	22.71		
CA_4A-7A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	22.40	22.62		
	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.56	22.71		
CA_4A-12A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	22.73	22.84		
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 4	20M	1732.5	2175	4x4MIMO	22.52	22.71		
CA_4A-13A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.52	22.71		
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 4	20M	1732.5	2175	4x4MIMO	22.64	22.84		
CA_4A-17A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 17	10M	740	5790		22.57	22.71		
	Band 17	Ant0	10M	710	23790	QPSK	1	0		Band 4	10M	1732.5	2175	4x4MIMO	22.72	22.80		
CA_4A-29A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 29	10M	722.5	9715		22.55	22.71		
	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 48	20M	3641	56150	4x4MIMO	22.61	22.71		
CA_4A-48A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	22.53	22.71		
	Band 48	Ant2	20M	3641	56150	QPSK	1	0	4x4MIMO	Band 4	20M	1732.5	2175	4x4MIMO	23.07	23.28		
CA_4A-71A	Band 4	Ant0	20M	1732.5	2017.5	QPSK	1	0	4x4MIMO	Band 71	20M	637	66796		22.53	22.71		
	Band 71	Ant0	20M	683	133322	QPSK	1	0		Band 4	20M	1732.5	2175	4x4MIMO	22.79	23.01		
CA_5A-5A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 5	5M	891.5	2625		22.73	22.83		
	CA_5B	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 5	5M	888.7	2597		22.74	22.83	
CA_5A-7A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 7	20M	2655	3100		22.68	22.83		
	Band 7	Ant0	20M	2535	2110	QPSK	1	0		Band 5	10M	881.5	2525		22.43	22.62		
CA_5A-30A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	22.86	22.83		
	Band 30	Ant0	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.77	22.85		
CA_5A-41A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 41	20M	2593	40620	4x4MIMO	22.64	22.83		
	Band 41	Ant0	20M	2593	40620	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.62	22.74		
CA_5A-48A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 48	20M	3641	56150	4x4MIMO	22.63	22.83		
	Band 48	Ant2	20M	3641	56150	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		23.04	23.28		
CA_5A-66A	Band 5	Ant0	10M	836.5	2052.5	QPSK	1	0		Band 66	20M	2145	66796	4x4MIMO	22.68	22.83		
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 5	10M	881.5	2525		22.57	22.77		
CA_7A-7A	Band 7	Ant0	20M	2535	2110	QPSK	1	0		Band 7	5M	2687.5	3425		22.40	22.62		
	CA_7B	Band 7	Ant0	15M	2535	2110	QPSK	1	0		Band 7	5M	2664.3	3193		22.43	22.62	
CA_7C	Band 7	Ant0	20M	2535	2110	QPSK	1	0		Band 7	20M	2674.8	3298		22.37	22.62		
	Band 7	Ant0	20M	2535	2110	QPSK	1	0		Band 12	10M	737.5	5095		22.41	22.62		
CA_7A-12A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 7	20M	2655	3100		22.75	22.84		
	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 13	10M	751	5230		22.42	22.62		
CA_7A-13A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 7	20M	2655	3100		22.62	22.84		
	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2145	66796	4x4MIMO	22.39	22.62		
CA_7A-66A	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 7	20M	2655	3100		22.59	22.77		
	Band 66	Ant0	20M	1745	132322	QPSK	1	0		Band 12	5M	742.3	5143		22.09	22.78		
CA_12A-30A	Band 12	Ant0	5M	707.5	23095	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	22.80	22.84		
	Band 30	Ant0	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.78	22.85		
CA_12A-66A	Band 12	Ant0	10M	707.5	23095	QPSK	1	0		Band 66	20M	2145	66796	4x4MIMO	22.72	22.84		
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 12	10M	737.5	5095		22.58	22.77		
CA_13A-48A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 48	20M	3641	56150	4x4MIMO	22.60	22.84		
	Band 48	Ant2	20M	3641	56150	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		23.06	23.28		
CA_13A-66A	Band 13	Ant0	10M	782	23230	QPSK	1	0		Band 66	20M	2145	66796	4x4MIMO	22.62	22.84		
	Band 66	Ant0	20M	1745	132322	QPSK	1	0	4x4MIMO	Band 13	10M	751	5230		22.60	22.77		
CA_14A-30A	Band 14	Ant0	10M	793	23330	QPSK	1	0		Band 30	10M	2355	9820	4x4MIMO	22.83	22.89		
	Band 30	Ant0	10M	2310	27710	QPSK	1	0	4x4MIMO	Band 14	10M	763	5330		22.79	22.85		
CA_14A-66A	Band 14	Ant0	10M	793	23330	QPSK												



Full Power Mode for 5GNR

n2 Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low Ch./Freq.	Middle Ch./Freq.	High Ch./Freq.				
Channel										
Frequency (MHz)										
30	PI2 BPSK	1	1	22.35	22.48	22.38				
30	PI2 BPSK	1	80	22.54	22.58	22.36	24.0	0.0		
30	PI2 BPSK	1	160	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	156	22.25	22.43	22.20				
30	QPSK	80	0	21.56	21.62	21.38	1.0	23.0		
30	QPSK	80	40	22.59	22.60	22.49	0.0	24.0		
30	QPSK	80	80	21.33	21.32	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	19.66	19.82	19.57	21.5	2.5		
30	256QAM	1	1	18.31	18.44	18.35	19.5	4.5		
Channel										
Frequency (MHz)										
25	PI2 BPSK	1	1	182.5	183.0	182.5	24.0	0.0		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	22.35	22.57	22.31	24.0	0.0		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	22.45	22.52	22.43	24.0	0.0		
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	22.16	22.08	22.08	23.8	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	100	0	22.01	22.09	21.98				
20	QPSK	1	1	22.49	22.67	22.46				
20	QPSK	1	53	22.67	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	22.69	22.69	22.63	24.0	0.0		
20	QPSK	50	56	21.38	21.46	21.33	23.0	1.0		
20	QPSK	100	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										
Frequency (MHz)										
15	PI2 BPSK	1	1	317.500	318.000	317.500	Tune-up limit (dBm)	MPR (dB)		
				1857.5	1880	1852.5				
15	PI2 BPSK	1	1	22.42	22.48	22.39	24.0	0.0		
Channel										
Frequency (MHz)										
10	PI2 BPSK	1	1	22.31	22.35	22.44	24.0	0.0		
Channel										
Frequency (MHz)										
5	PI2 BPSK	1	1	318000	318000	318000	Tune-up limit (dBm)	MPR (dB)		
				1925.5	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	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low Ch./Freq.	Middle Ch./Freq.	High Ch./Freq.				
Channel										
Frequency (MHz)										
25	PI2 BPSK	1	1			22.84				
25	PI2 BPSK	1	67			22.92				
25	PI2 BPSK	1	131			22.77	24.0	0.0		
25	PI2 BPSK	64	0			22.42				
25	PI2 BPSK	64	32			22.91	24.0	0.0		
25	PI2 BPSK	64	64			22.38				
25	PI2 BPSK	128	0			22.44	23.5	0.5		
25	PI2 BPSK	64	32			22.91	24.0	0.0		
25	PI2 BPSK	64	64			22.38				
25	QPSK	1	1			22.59				
25	QPSK	1	67			22.87	24.0	0.0		
25	QPSK	1	131			22.71				
25	QPSK	64	0			22.01	23.0	1.0		
25	QPSK	64	32			22.78	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										
Frequency (MHz)										
20	QPSK	1	1	166800	167000	167800	Tune-up limit (dBm)	MPR (dB)		
				824	836.5	838				
Channel										
Frequency (MHz)										
15	QPSK	1	1	22.02	22.71	22.54	24.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	166800	167000	166800	Tune-up limit (dBm)	MPR (dB)		
				830	836.5	844				
Channel										
Frequency (MHz)										
5	QPSK	1	1	168300	167000	169300	Tune-up limit (dBm)	MPR (dB)		
				826.5	836.5	846.5				
5	QPSK	1	1	22.49	22.63	22.77	24.0	0.0		

n12 Ant0										
BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit (dBm)	MPR (dB)		
				Low Ch./Freq.	Middle Ch./Freq.	High Ch./Freq.				
Channel										
Frequency (MHz)										
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	22.89	22.79				
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	22.81	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				
15	QPSK	75	0	22.18	22.24	22.22	23.0	1.0		
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										
Frequency (MHz)										
10	QPSK	1	1	140800	141500	142000	Tune-up limit (dBm)	MPR (dB)		
				704	707.5	711				
Channel										
Frequency (MHz)										
5	QPSK	1	1	140300	141500	142700	Tune-up limit (dBm)	MPR (dB)		
				701.5	707.5	713.5				



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									
Frequency (MHz)									
10	PIQ2 BPSK	1	1	22.90					
10	PIQ2 BPSK	1	26	22.91			24.0	0.0	
10	PIQ2 BPSK	1	50	22.95			23.5	0.5	
10	PIQ2 BPSK	25	0	22.38			24.0	0.0	
10	PIQ2 BPSK	25	14	22.89			24.0	0.0	
10	PIQ2 BPSK	25	27	22.33			23.5	0.5	
10	PIQ2 BPSK	50	0	22.37			23.0	1.0	
10	QPSK	1	1	22.94			24.0	0.0	
10	QPSK	1	26	22.86			24.0	0.0	
10	QPSK	1	50	22.78			23.0	1.0	
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			23.0	1.0	
10	16QAM	1	1	21.87			23.0	1.0	
10	16QAM	1	1	20.92			21.5	2.5	
10	256QAM	1	1	18.75			19.5	4.5	
Channel									
Frequency (MHz)									
5	QPSK	1	1	22.24	22.18	22.37	24.0	0.0	

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									
Frequency (MHz)									
40	PIQ2 BPSK	1	1	22.09	22.04	22.03			
40	PIQ2 BPSK	1	108	22.53	22.66	22.53	24.0	0.0	
40	PIQ2 BPSK	1	214	22.06	22.12	22.04			
40	PIQ2 BPSK	108	0	21.89	21.99	21.88	23.5	0.5	
40	PIQ2 BPSK	108	54	22.53	22.67	22.56	24.0	0.0	
40	PIQ2 BPSK	108	108	22.02	22.14	22.02	23.5	0.5	
40	PIQ2 BPSK	216	0	21.95	22.08	21.99			
40	QPSK	1	1	22.63	22.72	22.56			
40	QPSK	1	108	22.16	22.09	22.04	24.0	0.0	
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	18.68	18.79	19.11	21.5	2.5	
40	256QAM	1	1	17.66	18.03	17.95	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	18.05	18.23	19.01	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.23	18.25	19.02	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	19.60	18.82	19.05	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	22.11	22.11	22.37	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	18.55	18.82	19.10	24.0	0.0	
Channel									
Frequency (MHz)									
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									
Frequency (MHz)									
20	PIQ2 BPSK	1	1	22.75	22.86	22.78			
20	PIQ2 BPSK	1	53	22.88	22.97	22.84	24.0	0.0	
20	PIQ2 BPSK	1	104	22.67	22.79	22.69			
20	PIQ2 BPSK	50	0	22.33	22.46	22.38	23.5	0.5	
20	PIQ2 BPSK	50	25	22.89	23.01	22.84	24.0	0.0	
20	PIQ2 BPSK	50	50	22.24	22.38	22.28	23.5	0.5	
20	PIQ2 BPSK	100	0	22.35	22.44	22.35			
20	QPSK	1	1	22.92	23.08	22.87			
20	QPSK	1	53	22.80	22.89	22.75	24.0	0.0	
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	25	22.93	23.07	22.99	24.0	0.0	
20	QPSK	50	50	21.82	21.88	21.76	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	18.81	18.75	18.66	19.5	4.5	
Channel									
Frequency (MHz)									
15	PIQ2 BPSK	1	1	22.75	22.86	22.78	24.0	0.0	
Channel									
Frequency (MHz)									
10	PIQ2 BPSK	1	1	22.63	22.77	22.71	24.0	0.0	
Channel									
Frequency (MHz)									
5	PIQ2 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									
Frequency (MHz)									
10	PI2 BPSK	1	1	22.36					
10	PI2 BPSK	1	26	22.48			24.0	0.0	
10	PI2 BPSK	1	50	22.39					
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	21.96			23.5	0.5	
10	PI2 BPSK	50	0	21.96					
10	QPSK	1	1	22.57					
10	QPSK	1	26	22.39			24.0	0.0	
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	21.49					
10	16QAM	1	1	21.92			23.0	1.0	
10	16QAM	1	1	19.80			21.5	2.5	
10	256QAM	1	1	19.26			19.5	4.5	
Channel									
Frequency (MHz)				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	22.41	22.32	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									
Frequency (MHz)									
40	PI2 BPSK	1	1	22.27	22.36	22.26			
40	PI2 BPSK	1	108	22.32	22.46	22.37	24.0	0.0	
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	21.39	21.45	21.37	23.5	0.5	
40	PI2 BPSK	216	0	21.31	21.63	21.34			
40	QPSK	1	1	22.36	22.54	22.33			
40	QPSK	1	108	22.15	22.18	22.14	24.0	0.0	
40	QPSK	1	214	22.24	22.29	22.31			
40	QPSK	108	0	21.18	21.19	21.38	23.0	1.0	
40	QPSK	108	54	22.52	22.63	22.49	24.0	0.0	
40	QPSK	108	108	20.97	20.96	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	18.69	18.17	18.08	21.5	2.5	
40	256QAM	1	1	17.69	17.77	17.64	19.5	4.5	
Channel									
Frequency (MHz)				345000	346000	345000	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.03	17.45	17.65	24.0	0.0	
Channel									
Frequency (MHz)				344600	346000	345900	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.13	22.17	22.09	24.0	0.0	
Channel									
Frequency (MHz)				344000	346000	345000	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.00	17.45	17.70	24.0	0.0	
Channel									
Frequency (MHz)				343500	346000	345000	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.17	17.45	17.25	24.0	0.0	
Channel									
Frequency (MHz)				343100	346000	345000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.09	22.24	22.18	24.0	0.0	
Channel									
Frequency (MHz)				342000	346000	345000	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	1	17.12	17.45	17.75	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									
Frequency (MHz)									
15	PI2 BPSK	1	1	22.97					
15	PI2 BPSK	1	40	22.83			24.0	0.0	
15	PI2 BPSK	1	77	22.91					
15	PI2 BPSK	36	0	22.41			23.5	0.5	
15	PI2 BPSK	36	22	22.38			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	22.96					
15	QPSK	1	40	22.88			24.0	0.0	
15	QPSK	1	77	22.82					
15	QPSK	36	0	22.86			23.0	1.0	
15	QPSK	36	22	23.01			24.0	0.0	
15	QPSK	36	43	21.96			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									
Frequency (MHz)				340000	340500	341000	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	26	17.00	17.02	17.05	24.0	0.0	
Channel									
Frequency (MHz)				339500	340500	341500	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	13	22.83	22.93	22.88	24.0	0.0	



n71 Ant0								
BW (MHz)	Modulation	RB Size	RB Offset	Power			Tune-up limit (dBm)	MPR (dB)
				Low Ch. / Freq	Mid Ch. / Freq	High Ch. / Freq		
Channel				134600	136100	137600		
Frequency (MHz)				63	66.5	69		
20	PI2 BPSK	1	1	22.75	22.83	22.74		
20	PI2 BPSK	1	53	22.86	22.94	22.84	24.0	0.0
20	PI2 BPSK	1	104	22.75	22.88	22.78		
20	PI2 BPSK	50	0	22.15	22.29	22.18	23.5	0.5
20	PI2 BPSK	50	28	22.83	22.98	22.85	24.0	0.0
20	PI2 BPSK	50	56	22.89	22.95	22.81		
20	PI2 BPSK	100	0	22.04	22.92	22.18	23.5	0.5
20	QPSK	1	1	22.84	23.13	22.85		
20	QPSK	1	53	22.75	22.88	22.79	24.0	0.0
20	QPSK	1	104	22.70	22.81	22.75		
20	QPSK	50	0	21.73	21.84	21.77	23.0	1.0
20	QPSK	50	28	22.95	23.05	23.02	24.0	0.0
20	QPSK	50	56	22.86	22.95	22.89		
20	QPSK	100	0	22.12	22.15	21.95	23.0	1.0
20	16QAM	1	1	21.46	21.58	21.43	23.0	1.0
20	64QAM	1	1	20.88	20.72	20.61	21.5	2.5
20	256QAM	1	1	18.94	18.76	18.68	19.5	4.5
Channel				134100	136100	138100	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				670.5	690.5	690.5		
15	QPSK	1	1	22.76	22.83	22.69	24.0	0.0
Channel				133600	136100	138600	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				628	680.5	691		
10	QPSK	1	1	22.68	22.75	22.71	24.0	0.0
Channel				133100	136100	139100	Tune-up limit (dB)	MPR (dB)
Frequency (MHz)				665.5	680.5	695.5		
5	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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.01	22.12	22.09	24.0	0.0	
100	PI/2 BPSK	1	137	22.92	22.99	22.87			
100	PI/2 BPSK	1	271	22.06	22.04	22.03			
100	PI/2 BPSK	135	0	22.47	22.57	22.45	23.5	0.5	
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	24.0	0.0	
100	QPSK	1	1	22.97	22.98	22.92			
100	QPSK	1	137	22.01	22.11	22.04			
100	QPSK	1	271	22.06	22.01	22.08	23.0	1.0	
100	QPSK	135	0	22.49	22.59	22.46			
100	QPSK	135	69	22.79	23.08	22.84			
100	QPSK	135	138	22.51	22.63	22.54	23.0	1.0	
100	QPSK	270	0	22.52	22.62	22.56	23.0	1.0	
100	16QAM	1	1	21.94	22.10	21.84			
100	64QAM	1	1	21.48	21.47	21.40			
100	256QAM	1	1	18.11	18.25	18.18	21.5	2.5	
100	256QAM	1	1	18.11	18.25	18.18	19.5	4.5	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	22.62	22.74	22.53	24.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	22.56	22.68	22.56	24.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	22.60	22.74	22.60	24.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	22.60	22.73	22.63	24.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	22.60	22.69	22.63	24.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	22.61	22.70	22.61	24.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	22.56	22.76	22.61	24.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	22.63	22.75	22.55	24.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	22.58	22.73	22.63	24.0	0.0	

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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.89	26.15	25.93	27.0	0.0	
100	PI/2 BPSK	1	137	25.85	26.00	25.79			
100	PI/2 BPSK	1	271	25.81	26.11	25.89			
100	PI/2 BPSK	135	0	25.88	26.01	25.87	26.5	0.5	
100	PI/2 BPSK	135	69	25.65	25.78	25.83	27.0	0.0	
100	PI/2 BPSK	135	138	25.74	25.94	25.80	26.5	0.5	
100	PI/2 BPSK	270	0	25.62	25.83	25.69	27.0	0.0	
100	QPSK	1	1	26.16	26.38	26.24			
100	QPSK	1	137	15.27	25.06	25.02			
100	QPSK	1	271	25.35	25.41	25.19	26.0	1.0	
100	QPSK	135	0	24.57	24.79	24.60			
100	QPSK	135	69	26.10	26.34	26.06			
100	QPSK	135	138	24.67	24.85	24.73	27.0	1.0	
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			
100	256QAM	1	1	20.61	20.72	20.53	24.5	2.5	
100	256QAM	1	1	20.61	20.72	20.53	22.5	4.5	
Channel				507204	518598	529998			
Frequency (MHz)				2536.02	2592.99	2649.99			
80	QPSK	1	1	25.86	25.98	25.87	27.0	0.0	
Channel				506202	518598	531000			
Frequency (MHz)				2531.01	2592.99	2655			
70	QPSK	1	1	25.79	25.86	25.82	27.0	0.0	
Channel				505200	518598	531996			
Frequency (MHz)				2526	2592.99	2659.98			
60	QPSK	1	1	25.74	25.79	25.97	27.0	0.0	
Channel				504204	518598	532998			
Frequency (MHz)				2521.02	2592.99	2664.99			
50	QPSK	1	1	25.86	26.03	25.88	27.0	0.0	
Channel				503202	518598	534000			
Frequency (MHz)				2516.01	2592.99	2670			
40	QPSK	1	1	25.79	25.98	25.96	27.0	0.0	
Channel				502200	518598	534996			
Frequency (MHz)				2511	2592.99	2674.98			
30	QPSK	1	1	25.77	25.79	25.99	27.0	0.0	
Channel				501204	518598	535998			
Frequency (MHz)				2506.02	2592.99	2679.99			
20	QPSK	1	1	25.83	25.88	25.94	27.0	0.0	
Channel				500700	518598	536496			
Frequency (MHz)				2503.5	2592.99	2682.48			
15	QPSK	1	1	25.83	25.87	25.83	27.0	0.0	
Channel				500202	518598	537000			
Frequency (MHz)				2501.01	2592.99	2685			
10	QPSK	1	1	25.88	25.79	25.93	27.0	0.0	



n2 Ant1										
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)										
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	0.0		
30	PI2 BPSK	1	158	22.78	22.87	22.81	24.0	0.0		
30	PI2 BPSK	80	0	22.38	22.56	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	23.5	0.5		
30	QPSK	1	1	22.97	23.02	22.94	24.0	0.0		
30	QPSK	1	80	22.89	23.04	22.92	24.0	0.0		
30	QPSK	1	158	22.72	22.82	22.78	24.0	0.0		
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	21.89	1.0	23.0		
30	16QAM	1	1	21.58	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										
Frequency (MHz)										
25	PI2 BPSK	1	1	22.25	22.57	22.33	24.0	0.0		
Channel										
Frequency (MHz)										
20	PI2 BPSK	1	1	22.86	22.99	22.91	24.0	0.0		
20	PI2 BPSK	1	53	22.59	23.09	22.95	24.0	0.0		
20	PI2 BPSK	1	104	22.84	22.95	22.86	24.0	0.0		
20	PI2 BPSK	50	0	22.52	22.59	22.46	23.5	0.5		
20	PI2 BPSK	50	28	23.05	23.05	23.04	24.0	0.0		
20	PI2 BPSK	50	56	22.37	22.47	22.36	23.5	0.5		
20	PI2 BPSK	100	0	22.42	22.54	22.45	23.5	0.5		
20	QPSK	1	1	22.88	23.07	23.04	24.0	0.0		
20	QPSK	1	53	23.04	23.06	23.01	24.0	0.0		
20	QPSK	1	104	22.82	22.94	22.85	24.0	0.0		
20	QPSK	50	0	21.90	22.04	21.94	23.0	1.0		
20	QPSK	50	28	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	21.97	22.02	21.95	23.0	1.0		
20	16QAM	1	1	21.61	21.75	21.68	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										
Frequency (MHz)										
15	QPSK	1	1	22.98	23.01	22.86	24.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	22.97	22.92	23.03	24.0	0.0		
Channel										
Frequency (MHz)										
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 Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
25	PI2 BPSK	1	1	22.94	22.94	22.94	24.0	0.0		
25	PI2 BPSK	1	67	22.92	22.92	22.92	24.0	0.0		
25	PI2 BPSK	1	131	22.77	22.77	22.77	24.0	0.0		
25	PI2 BPSK	64	0	22.42	22.42	22.42	23.5	0.5		
25	PI2 BPSK	64	32	23.01	23.01	23.01	24.0	0.0		
25	PI2 BPSK	64	64	22.36	22.36	22.36	23.5	0.5		
25	PI2 BPSK	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	24.0	0.0		
25	QPSK	1	131	22.71	22.71	22.71	24.0	0.0		
25	QPSK	64	0	22.01	22.01	22.01	23.0	1.0		
25	QPSK	64	32	23.02	23.02	23.02	24.0	0.0		
25	QPSK	64	64	21.87	21.87	21.87	23.0	1.0		
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	18.78	18.78	18.78	19.5	4.5		
Channel										
Frequency (MHz)										
20	QPSK	1	1	22.62	22.71	22.64	24.0	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	1	22.80	22.88	22.74	24.0	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	1	22.89	22.84	22.56	24.0	0.0		
Channel										
Frequency (MHz)										
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 Mid Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel										
Frequency (MHz)										
15	PI2 BPSK	1	1	22.92	22.81	22.89	24.0	0.0		
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	24.0	0.0		
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	23.5	0.5		
15	QPSK	1	1	22.92	23.02	22.89	24.0	0.0		
15	QPSK	1	40	22.88	22.96	22.83	24.0	0.0		
15	QPSK	1	77	22.73	22.81	22.68	24.0	0.0		
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	23.0	1.0		
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	18.56	18.73	18.63	19.5	4.5		
Channel										
Frequency (MHz)										
10	QPSK	1	1	22.74	22.68	22.59	24.0	0.0		
Channel										
Frequency (MHz)										
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									
Frequency (MHz)									
40	PI2 BPSK	1	1	1870	1882.5	1895			
40	PI2 BPSK	1	108	22.26	22.21	22.44	24.0	0.0	
40	PI2 BPSK	1	214	22.46	22.26	22.42			
40	PI2 BPSK	108	0	22.29	22.48	22.28	23.5	0.5	
40	PI2 BPSK	108	54	23.02	23.16	23.03	24.0	0.0	
40	PI2 BPSK	108	108	22.41	22.53	22.46	23.5	0.5	
40	PI2 BPSK	216	0	22.37	22.51	22.42			
40	QPSK	1	1	22.29	23.10	22.46			
40	QPSK	1	108	23.11	22.41	23.07	24.0	0.0	
40	QPSK	1	214	22.46	22.33	22.37			
40	QPSK	108	0	22.01	21.96	21.88	23.0	1.0	
40	QPSK	108	54	23.03	23.13	23.06	24.0	0.0	
40	QPSK	108	108	21.98	22.06	22.02	23.0	1.0	
40	QPSK	216	0	21.83	21.98	21.94	23.0	1.0	
40	16QAM	1	1	21.16	21.23	21.11	23.0	1.0	
40	16QAM	1	1	19.70	19.81	19.70	21.5	2.5	
40	256QAM	1	1	18.41	18.43	18.37	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	1865	1882.5	1900	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.70	22.82	22.81	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	1862.5	1882.5	1902.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.82	22.80	22.87	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	1860	1882.5	1900	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.91	22.84	22.88	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	1857.5	1882.5	1907.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.76	22.89	22.85	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	1855	1882.5	1910	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.84	22.82	22.77	24.0	0.0	
Channel									
Frequency (MHz)									
5	QPSK	1	1	1850	1882.5	1912.5	Tune-up limit (dBm)	MPR (dB)	
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									
Frequency (MHz)									
10	PI2 BPSK	1	1	2110	2110	2110			
10	PI2 BPSK	1	26	22.58	22.58	22.58	24.0	0.0	
10	PI2 BPSK	1	50	22.84	22.84	22.84			
10	PI2 BPSK	25	0	22.38	22.38	22.38	23.5	0.5	
10	PI2 BPSK	25	14	22.89	22.89	22.89	24.0	0.0	
10	PI2 BPSK	25	27	22.48	22.48	22.48	23.5	0.5	
10	PI2 BPSK	40	0	22.43	22.43	22.43			
10	QPSK	1	1	21.02	21.02	21.02			
10	QPSK	1	26	22.93	22.93	22.93	24.0	0.0	
10	QPSK	1	50	22.84	22.84	22.84			
10	QPSK	25	0	21.85	21.85	21.85	23.0	1.0	
10	QPSK	25	14	22.78	22.78	22.78	24.0	0.0	
10	QPSK	25	27	22.01	22.01	22.01	23.0	1.0	
10	QPSK	40	0	21.69	21.69	21.69			
10	16QAM	1	1	21.84	21.84	21.84	23.0	1.0	
10	16QAM	1	1	20.08	20.08	20.08	21.5	2.5	
10	256QAM	1	1	18.76	18.76	18.76	19.5	4.5	
Channel									
Frequency (MHz)									
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									
Frequency (MHz)									
40	PI2 BPSK	1	1	1720	1725	1730			
40	PI2 BPSK	1	108	22.53	22.61	22.57	24.0	0.0	
40	PI2 BPSK	1	214	21.94	22.13	22.01			
40	PI2 BPSK	108	0	21.58	21.69	21.53	23.5	0.5	
40	PI2 BPSK	108	54	22.56	22.65	22.56	24.0	0.0	
40	PI2 BPSK	108	108	21.52	21.71	21.42	23.5	0.5	
40	PI2 BPSK	216	0	21.61	21.71	21.57			
40	QPSK	1	1	21.95	22.68	21.79			
40	QPSK	1	108	22.58	22.09	22.44	24.0	0.0	
40	QPSK	1	214	21.52	22.08	21.94			
40	QPSK	108	0	20.95	21.17	21.08	23.0	1.0	
40	QPSK	108	54	22.32	22.62	22.37	24.0	0.0	
40	QPSK	108	108	20.98	21.18	20.89	23.0	1.0	
40	QPSK	216	0	20.93	21.16	20.89			
40	16QAM	1	1	20.79	21.06	20.95	23.0	1.0	
40	16QAM	1	1	19.64	19.84	19.70	21.5	2.5	
40	256QAM	1	1	18.19	18.30	18.10	19.5	4.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	1725	1745	1765	Tune-up limit (dBm)	MPR (dB)	
30	QPSK	1	1	22.41	22.49	22.34	24.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	1722.5	1745	1767.5	Tune-up limit (dBm)	MPR (dB)	
25	QPSK	1	1	22.51	22.66	22.56	24.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	1720	1745	1770	Tune-up limit (dBm)	MPR (dB)	
20	QPSK	1	1	22.60	22.72	22.66	24.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	1717.5	1745	1772.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	1	22.65	22.70	22.68	24.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	1715	1745	1775	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	1	22.61	22.69	22.56	24.0	0.0	
Channel									
Frequency (MHz)									
5	PI2 BPSK	1	1	1712.5	1745	1777.5	Tune-up limit (dBm)	MPR (dB)	
5	PI2 BPSK	1	1	22.59	22.65	22.54	24.0	0.0	



n71 Ant1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Mid Ch./Freq.	Power Hgt Ch./Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				134600	136100	137600		
Frequency (MHz)				673	680.5	688		
20	PI2 BPSK	1	1	22.68	22.76	22.64		
20	PI2 BPSK	1	53	22.81	22.88	22.78	24.0	0.0
20	PI2 BPSK	1	104	22.70	22.83	22.75		
20	PI2 BPSK	50	0	22.14	22.27	22.19	23.5	0.5
20	PI2 BPSK	50	28	22.83	22.92	22.80	24.0	0.0
20	PI2 BPSK	50	56	22.75	22.85	22.72	23.5	0.5
20	PI2 BPSK	100	0	22.20	22.29	22.36		
20	QPSK	1	1	22.93	22.95	22.87		
20	QPSK	1	53	22.73	22.81	22.67	24.0	0.0
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	24.0	0.0
20	QPSK	50	56	22.79	22.87	22.86		
20	QPSK	100	0	21.76	21.85	21.69	23.0	1.0
20	16QAM	1	1	21.41	21.49	21.38	23.0	1.0
20	64QAM	1	1	19.94	20.06	19.92	21.5	2.5
20	256QAM	1	1	18.55	18.69	18.60	19.5	4.5
Channel				134100	136100	138100		
Frequency (MHz)				670.5	680.5	690.5		
15	QPSK	1	1	22.13	22.19	22.03	24.0	0.0
Channel				133600	136100	138600		
Frequency (MHz)				668	680.5	693		
10	QPSK	1	1	22.09	22.03	22.13	24.0	0.0
Channel				133100	136100	139100		
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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.20	22.33	22.22	24.0	0.0	
100	PI/2 BPSK	1	137	23.54	23.57	23.47			
100	PI/2 BPSK	1	271	22.51	22.58	22.46			
100	PI/2 BPSK	135	0	22.99	23.13	23.08	23.5	0.5	
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	24.0	0.0	
100	QPSK	1	137	23.49	23.58	23.54			
100	QPSK	1	271	22.52	22.64	22.51			
100	QPSK	135	0	23.04	23.15	22.98	23.0	1.0	
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	22.83	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2692.99	2655	24.0	0.0	
70	QPSK	1	1	23.12	23.26	23.11	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	23.16	23.21	23.17	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2592.99	2664.99	24.0	0.0	
50	QPSK	1	1	23.19	23.26	23.10	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	23.15	23.27	23.12	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	23.15	23.26	23.16	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	23.13	23.22	23.13	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	23.16	23.23	23.15	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	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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	25.50	25.81	25.73	27.0	0.0	
100	PI/2 BPSK	1	137	26.38	26.47	26.38			
100	PI/2 BPSK	1	271	25.81	26.13	26.00			
100	PI/2 BPSK	135	0	25.71	25.97	25.88	23.5	3.5	
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	23.5	3.5	
100	PI/2 BPSK	270	0	25.87	25.96	25.71			
100	QPSK	1	1	26.37	26.54	26.46	27.0	0.0	
100	QPSK	1	137	26.41	26.51	26.23			
100	QPSK	1	271	25.84	25.87	25.84			
100	QPSK	135	0	25.21	25.32	25.02	23.5	3.5	
100	QPSK	135	69	25.65	25.74	25.61			
100	QPSK	135	138	25.30	25.48	25.29	23.5	3.5	
100	QPSK	270	0	25.16	25.46	25.15	26.5	0.5	
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	24.0	0.0	
80	QPSK	1	1	23.07	23.41	23.25	27.0	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2631.01	2592.99	2655	24.0	0.0	
70	QPSK	1	1	26.19	26.27	26.19	27.0	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	26.22	26.34	26.20	27.0	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2621.02	2592.99	2664.99	24.0	0.0	
50	QPSK	1	1	26.05	26.35	26.22	27.0	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	26.17	26.24	26.19	27.0	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	26.15	26.43	26.35	27.0	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	26.05	26.35	26.22	27.0	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	26.18	26.42	26.31	27.0	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	26.08	26.39	26.21	27.0	0.0	



Par270 n77_PC3 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)				3760	3840	3920		
100	PI2 BPSK	1	1	22.60	22.76	22.49		
100	PI2 BPSK	1	137	23.21	23.53	23.41	24.0	0.0
100	PI2 BPSK	1	271	22.59	22.74	22.45		
100	PI2 BPSK	135	0	23.35	23.44	23.28	23.5	0.5
100	PI2 BPSK	135	69	23.44	23.51	23.33	24.0	0.0
100	PI2 BPSK	135	138	23.20	23.33	23.21	23.5	0.5
100	PI2 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	24.0	0.0
100	QPSK	1	271	22.59	22.77	22.60		
100	QPSK	135	0	23.20	23.47	23.33	23.0	1.0
100	QPSK	135	69	23.45	23.49	23.36	24.0	0.0
100	QPSK	135	138	23.06	23.26	23.06	23.0	1.0
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	16QAM	1	1	22.13	22.36	22.04	21.5	2.5
100	256QAM	1	1	18.99	19.23	19.93	19.5	4.5
Channel								
Frequency (MHz)				649668	650000	650334	limit (dBm)	MPR (dB)
80	QPSK	1	1	3745.02	3840	3926.01	24.0	0.0
Channel								
Frequency (MHz)				649314	650000	650686	limit (dBm)	MPR (dB)
80	QPSK	1	1	3749.01	3840	3940.02	24.0	0.0
Channel								
Frequency (MHz)				648968	650000	650334	limit (dBm)	MPR (dB)
60	QPSK	1	1	22.88	22.83	22.79	24.0	0.0
Channel								
Frequency (MHz)				648334	650000	650686	limit (dBm)	MPR (dB)
50	QPSK	1	1	22.83	22.88	22.76	24.0	0.0
Channel								
Frequency (MHz)				648000	650000	650000	limit (dBm)	MPR (dB)
40	QPSK	1	1	22.52	22.58	22.72	24.0	0.0
Channel								
Frequency (MHz)				647334	650000	650686	limit (dBm)	MPR (dB)
20	QPSK	1	1	3710.01	3840	3970.02	24.0	0.0
Channel								
Frequency (MHz)				647166	650000	648334	limit (dBm)	MPR (dB)
15	QPSK	1	1	22.78	22.84	22.72	24.0	0.0
Channel								
Frequency (MHz)				647000	650000	650000	limit (dBm)	MPR (dB)
10	QPSK	1	1	22.83	22.93	22.74	24.0	0.0

Par270 n77_PC2 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)				3760	3840	3920		
100	PI2 BPSK	1	1	25.44	25.54	25.23		
100	PI2 BPSK	1	137	26.00	26.31	26.00	27.0	0.0
100	PI2 BPSK	1	271	25.40	25.53	25.26		
100	PI2 BPSK	135	0	25.75	25.89	25.63	26.5	0.5
100	PI2 BPSK	135	69	26.14	26.36	26.06	27.0	0.0
100	PI2 BPSK	135	138	25.47	25.79	25.48	26.5	0.5
100	PI2 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	26.08	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	26.0	1.0
100	QPSK	135	69	26.40	26.54	26.44	27.0	0.0
100	QPSK	135	138	24.86	25.03	24.92	26.0	1.0
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	16QAM	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)				649668	650000	650334	limit (dBm)	MPR (dB)
80	QPSK	1	1	3745.02	3840	3926.01	27.0	0.0
Channel								
Frequency (MHz)				649314	650000	650686	limit (dBm)	MPR (dB)
80	QPSK	1	1	3749.01	3840	3940.02	27.0	0.0
Channel								
Frequency (MHz)				648968	650000	650334	limit (dBm)	MPR (dB)
60	QPSK	1	1	25.88	25.92	25.82	27.0	0.0
Channel								
Frequency (MHz)				648334	650000	650686	limit (dBm)	MPR (dB)
50	QPSK	1	1	25.92	26.13	25.77	27.0	0.0
Channel								
Frequency (MHz)				648000	650000	650000	limit (dBm)	MPR (dB)
40	QPSK	1	1	25.83	26.04	25.76	27.0	0.0
Channel								
Frequency (MHz)				647334	650000	650686	limit (dBm)	MPR (dB)
20	QPSK	1	1	3710.01	3840	3970.02	27.0	0.0
Channel								
Frequency (MHz)				647166	650000	648334	limit (dBm)	MPR (dB)
15	QPSK	1	1	25.86	25.93	25.67	27.0	0.0
Channel								
Frequency (MHz)				647000	650000	650000	limit (dBm)	MPR (dB)
10	QPSK	1	1	25.87	26.08	25.66	27.0	0.0

Part27Q n77 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								
Frequency (MHz)					3500.01			
100	PI2 BPSK	1	1		22.73			
100	PI2 BPSK	1	137		23.41		24.0	0.0
100	PI2 BPSK	1	271		22.66			
100	PI2 BPSK	135	0		23.37	25.63	23.5	0.5
100	PI2 BPSK	135	69		23.46		24.0	0.0
100	PI2 BPSK	135	138		23.27		23.5	0.5
100	PI2 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		22.87			
100	QPSK	135	0		23.39		23.0	1.0
100	QPSK	135	69		23.49		24.0	0.0
100	QPSK	135	138		23.24		23.0	1.0
100	QPSK	270	0		23.27			
100	16QAM	1	1		22.99		23.0	1.0
100	16QAM	1	1		22.31		21.5	2.5
100	256QAM	1	1		19.22		19.5	4.5
Channel								
Frequency (MHz)				633000	633334	633668	limit (dBm)	MPR (dB)
80	QPSK	1	1	3495	3500.01	3505.02	24.0	0.0
Channel								
Frequency (MHz)				632650	633334	633668	limit (dBm)	MPR (dB)
80	QPSK	1	1	23.02	23.06	23.00	24.0	0.0
Channel								
Frequency (MHz)				632300	633000	633000	limit (dBm)	MPR (dB)
60	QPSK	1	1	23.02	23.06	23.03	24.0	0.0
Channel								
Frequency (MHz)				631968	633334	633668	limit (dBm)	MPR (dB)
50	QPSK	1	1	23.07	23.04	23.06	24.0	0.0
Channel								
Frequency (MHz)				631634	633334	633668	limit (dBm)	MPR (dB)
40	QPSK	1	1	23.03	22.96	23.00	24.0	0.0
Channel								
Frequency (MHz)				631334	633334	633668	limit (dBm)	MPR (dB)
20	QPSK	1	1	3470.01	3500.01	3530.01	24.0	0.0
Channel								
Frequency (MHz)				631000	633334	633668	limit (dBm)	MPR (dB)
15	QPSK	1	1	23.05	23.03	22.99	24.0	0.0
Channel								
Frequency (MHz)				630668	633334	633668	limit (dBm)	MPR (dB)
10	QPSK	1	1	23.07	23.00	22.98	24.0	0.0
Channel								
Frequency (MHz)				630334	633334	633668	limit (dBm)	MPR (dB)
10	QPSK	1	1	23.07	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								
Frequency (MHz)								
100	PI2 BPSK	1	1	25.70	3000.01			
100	PI2 BPSK	1	137	25.74			27.0	0.0
100	PI2 BPSK	1	271	25.71				
100	PI2 BPSK	135	0	25.53			26.5	0.5
100	PI2 BPSK	135	69	25.17			27.0	0.0
100	PI2 BPSK	135	138	25.52			26.5	0.5
100	PI2 BPSK	270	0	25.68				
100	QPSK	1	1	25.27			27.0	0.0
100	QPSK	1	137	25.20				
100	QPSK	1	271	25.82				
100	QPSK	135	0	25.45			26.0	1.0
100	QPSK	135	69	25.49			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	22.25			24.5	2.5
100	256QAM	1	1	19.25			22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	23.47	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.39	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.49	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
50	QPSK	1	1	25.40	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.37	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.40	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.37	6333.34	6336.68	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.40	6333.34	6336.68	limit (dBm)	MPR (dB)

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								
Frequency (MHz)								
100	PI2 BPSK	1	1	22.74	6900.00	6903.34		
100	PI2 BPSK	1	137	22.73			24.0	0.0
100	PI2 BPSK	1	271	22.81				
100	PI2 BPSK	135	0	23.52			23.5	0.5
100	PI2 BPSK	135	69	23.11			24.0	0.0
100	PI2 BPSK	135	138	23.57			23.5	0.5
100	PI2 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	21.28			21.5	2.5
100	256QAM	1	1	19.28			19.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	22.97	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	22.89	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	1	22.90	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	22.88	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	1	22.80	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	1	22.97	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	1	22.86	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	1	22.83	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	1	22.90	6486.68	6503.34	limit (dBm)	MPR (dB)

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								
Frequency (MHz)								
100	PI2 BPSK	1	1	25.73	6900.00	6903.34		
100	PI2 BPSK	1	137	25.74			27.0	0.0
100	PI2 BPSK	1	271	25.87				
100	PI2 BPSK	135	0	25.52			26.5	0.5
100	PI2 BPSK	135	69	25.73			27.0	0.0
100	PI2 BPSK	135	138	25.15			26.5	0.5
100	PI2 BPSK	270	0	25.68				
100	QPSK	1	1	25.84			27.0	0.0
100	QPSK	1	137	25.27				
100	QPSK	1	271	25.04				
100	QPSK	135	0	25.63			26.0	1.0
100	QPSK	135	69	25.79			27.0	0.0
100	QPSK	135	138	25.62			26.0	1.0
100	QPSK	270	0	25.63				
100	16QAM	1	1	24.16			26.0	1.0
100	64QAM	1	1	23.24			24.5	2.5
100	256QAM	1	1	21.26			22.5	4.5
Channel								
Frequency (MHz)								
90	QPSK	1	1	25.41	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	1	25.41	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
70	QPSK	1	1	25.38	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
60	QPSK	1	1	25.35	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
40	QPSK	1	1	25.40	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
30	QPSK	1	1	25.41	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
20	QPSK	1	1	25.43	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
15	QPSK	1	1	25.43	6486.68	6503.34	limit (dBm)	MPR (dB)
Channel								
Frequency (MHz)								
10	QPSK	1	1	25.44	6486.68	6503.34	limit (dBm)	MPR (dB)



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									
Frequency (MHz)									
100	PI/2 BPSK	1	1		3500.01				
100	PI/2 BPSK	1	137		22.79				
100	PI/2 BPSK	1	271		23.47		24.0	0.0	
100	PI/2 BPSK	1	271		22.73				
100	PI/2 BPSK	135	0		23.38		23.5	0.5	
100	PI/2 BPSK	135	69		22.49		24.0	0.0	
100	PI/2 BPSK	135	138		23.32		23.5	0.5	
100	PI/2 BPSK	270	0		23.37				
100	QPSK	1	1		23.63				
100	QPSK	1	137		22.90		24.0	0.0	
100	QPSK	1	271		22.85				
100	QPSK	135	0		22.50		23.0	1.0	
100	QPSK	135	69		23.51		24.0	0.0	
100	QPSK	135	138		22.34		23.0	1.0	
100	QPSK	270	0		22.37				
100	16QAM	1	1		23.32		23.0	1.0	
100	64QAM	1	1		20.62		21.5	2.5	
100	256QAM	1	1		18.52		19.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	633000	633334	633668	3495	3500.01	3505.02
80	QPSK	1	1	632968	633334	634000	23.09	23.14	23.11
Channel									
Frequency (MHz)									
80	QPSK	1	1	3490.02	3500.01	3510	3490.02	3500.01	3510
80	QPSK	1	1	23.11	23.12	23.06	24.0	0.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	23.07	23.05	23.05	24.0	0.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	632000	633334	634668	632000	633334	634668
60	QPSK	1	1	23.09	23.07	23.08	24.0	0.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	631668	633334	635000	631668	633334	635000
50	QPSK	1	1	3475.02	3500.01	3525	3475.02	3500.01	3525
Channel									
Frequency (MHz)									
40	QPSK	1	1	631334	633334	635334	631334	633334	635334
40	QPSK	1	1	3470.01	3500.01	3530.01	3470.01	3500.01	3530.01
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.12	23.11	23.06	24.0	0.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	1	23.05	23.15	23.08	24.0	0.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	630968	633334	636000	630968	633334	636000
20	QPSK	1	1	23.04	23.05	23.08	24.0	0.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	630500	633334	636168	630500	633334	636168
15	QPSK	1	1	3472.6	3500.01	3522.32	3472.6	3500.01	3522.32
Channel									
Frequency (MHz)									
10	QPSK	1	1	630334	633334	636334	630334	633334	636334
10	QPSK	1	1	3455.01	3500.01	3545.01	3455.01	3500.01	3545.01
10	QPSK	1	1	23.08	23.08	23.05	24.0	0.0	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									
Frequency (MHz)									
100	PI/2 BPSK	1	1		3500.01				
100	PI/2 BPSK	1	137		23.69				
100	PI/2 BPSK	1	271		25.67		27.0	0.0	
100	PI/2 BPSK	135	0		25.88		26.5	0.5	
100	PI/2 BPSK	135	69		25.52		27.0	0.0	
100	PI/2 BPSK	135	138		25.94		26.5	0.5	
100	PI/2 BPSK	270	0		25.89				
100	QPSK	1	1		26.57				
100	QPSK	1	137		25.98		27.0	0.0	
100	QPSK	1	271		25.44				
100	QPSK	135	0		25.44		26.0	1.0	
100	QPSK	135	69		26.51		27.0	0.0	
100	QPSK	135	138		25.31		26.0	1.0	
100	QPSK	270	0		25.37				
100	16QAM	1	1		24.14		26.0	1.0	
100	64QAM	1	1		22.38		24.5	2.5	
100	256QAM	1	1		21.27		22.5	4.5	
Channel									
Frequency (MHz)									
80	QPSK	1	1	633000	633334	633668	3495	3500.01	3505.02
80	QPSK	1	1	632968	633334	634000	25.85	25.81	25.59
Channel									
Frequency (MHz)									
80	QPSK	1	1	3490.02	3500.01	3510	3490.02	3500.01	3510
80	QPSK	1	1	25.72	25.71	25.82	27.0	0.0	0.0
Channel									
Frequency (MHz)									
70	QPSK	1	1	25.69	25.74	25.59	27.0	0.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	1	632000	633334	634668	632000	633334	634668
60	QPSK	1	1	25.97	25.68	25.70	27.0	0.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	1	631668	633334	635000	631668	633334	635000
50	QPSK	1	1	3475.02	3500.01	3525	3475.02	3500.01	3525
Channel									
Frequency (MHz)									
40	QPSK	1	1	631334	633334	635334	631334	633334	635334
40	QPSK	1	1	3470.01	3500.01	3530.01	3470.01	3500.01	3530.01
Channel									
Frequency (MHz)									
30	QPSK	1	1	25.64	25.71	25.73	27.0	0.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	1	630968	633334	636000	630968	633334	636000
20	QPSK	1	1	25.56	25.60	25.74	27.0	0.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	1	630500	633334	636168	630500	633334	636168
15	QPSK	1	1	3472.6	3500.01	3522.32	3472.6	3500.01	3522.32
Channel									
Frequency (MHz)									
10	QPSK	1	1	630334	633334	636334	630334	633334	636334
10	QPSK	1	1	3455.01	3500.01	3545.01	3455.01	3500.01	3545.01
10	QPSK	1	1	23.73	23.69	23.75	27.0	0.0	0.0



Reduced Power Mode for 5GNR

n2 SA DSI3 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. Freq.	Power Middle Co. Freq.	Power High Co. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
30	Pi2 BPSK	1	1	1803	1830	1836			
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	20.06			
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	20.26	-2.0	24.0	
30	QPSK	80	80	19.11	19.18	19.07			
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	16QAM	1	1	19.49	19.51	19.33	21.5	0.5	
30	256QAM	1	1	18.25	18.14	18.44	19.5	2.5	
Channel									
Frequency (MHz)									
25	Pi2 BPSK	1	1	20.33	20.31	20.24	22.0	0.0	
Channel									
Frequency (MHz)									
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	19.95			
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			
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			
20	QPSK	100	0	19.28	19.41	19.39	-1.0	23.0	
20	16QAM	1	1	20.30	20.32	20.38	22.0	0.0	
20	16QAM	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)									
15	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel									
Frequency (MHz)									
5	Pi2 BPSK	1	1	20.34	20.22	20.00	22.0	0.0	

n2 NSA DSI3 Ant0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Co. Freq.	Power Middle Co. Freq.	Power High Co. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
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	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			
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			
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	16QAM	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)									
25	Pi2 BPSK	1	1	17.10	17.10	17.02	19.0	0.0	
Channel									
Frequency (MHz)									
20	Pi2 BPSK	1	1	17.32	17.38	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			
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	17.53	17.55	17.53	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	17.65	17.39	19.0	0.0	
20	QPSK	50	56	17.09	17.45	17.29			
20	QPSK	100	0	17.31	17.51	17.15	19.0	0.0	
20	16QAM	1	1	17.35	17.28	17.33	19.0	0.0	
20	16QAM	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)									
15	Pi2 BPSK	1	1	17.31	17.35	17.23	19.0	0.0	
Channel									
Frequency (MHz)									
10	Pi2 BPSK	1	1	17.09	17.45	17.29	19.0	0.0	
Channel									
Frequency (MHz)									
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 Co. Freq.	Power Middle Co. Freq.	Power High Co. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
40	Pi2 BPSK	1	1	20.20	20.05	20.14			
40	Pi2 BPSK	1	168	20.45	20.56	20.56	22.0	0.0	
40	Pi2 BPSK	1	214	20.08	20.07	20.04			
40	Pi2 BPSK	108	0	20.01	20.07	20.08	22.0	0.0	
40	Pi2 BPSK	108	54	20.52	20.69	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	1	158	20.34	20.22	20.05	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	20.05	20.17	20.04			
40	16QAM	1	1	20.04	20.14	20.05	22.0	0.0	
40	16QAM	1	1	19.53	19.55	19.62	21.5	0.5	
40	256QAM	1	1	18.29	18.28	18.32	19.5	2.5	
Channel									
Frequency (MHz)									
30	QPSK	1	1	20.59	20.39	20.37	22.0	0.0	
Channel									
Frequency (MHz)									
25	QPSK	1	1	20.49	20.62	20.39	22.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	20.59	20.68	20.39	22.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.35	20.51	20.31	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.57	20.51	20.19	22.0	0.0	
Channel									
Frequency (MHz)									
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									
Frequency (MHz)				1970	1825	1695			
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	17.44	17.63	17.61			
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	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									
Frequency (MHz)				37600	37650	38000	limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.07	17.50	17.11	19.0	0.0	
Channel									
Frequency (MHz)				37250	37650	38050	limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.00	17.43	17.18	19.0	0.0	
Channel									
Frequency (MHz)				1890	1882.5	1905	limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	
Channel									
Frequency (MHz)				37150	37650	38150	limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.06	17.66	17.26	19.0	0.0	
Channel									
Frequency (MHz)				37100	37650	38000	limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.05	182.5	17.25	19.0	0.0	
Channel									
Frequency (MHz)				37050	37650	38200	limit (dBm)	MPR (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									
Frequency (MHz)					2310				
10	PI2 BPSK	1	1		16.27				
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				
10	QPSK	1	26		16.20		18.0	0.0	
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				
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									
Frequency (MHz)				461500	462000	462000	limit (dBm)	MPR (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									
Frequency (MHz)				34600	34600	35000			
40	PI2 BPSK	1	1	20.13	1745	1745	20.09		
40	PI2 BPSK	1	108	20.23	20.28	20.13	22.0	0.0	
40	PI2 BPSK	1	214	20.13	20.30	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	20.59	20.04			
40	QPSK	216	0	20.27	20.36	20.26	22.0	0.0	
40	16QAM	1	1	20.27	20.28	20.33	22.0	0.0	
40	16QAM	1	1	19.89	19.88	19.81	21.5	0.5	
40	256QAM	1	1	17.52	17.62	17.57	19.5	2.5	
Channel									
Frequency (MHz)				34500	34900	35300	limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.25	1745	1745	22.0	0.0	
Channel									
Frequency (MHz)				1722.5	1745	1767.5	limit (dBm)	MPR (dB)	
25	QPSK	1	1	20.74	20.73	20.68	22.0	0.0	
Channel									
Frequency (MHz)				344500	349000	353500	limit (dBm)	MPR (dB)	
20	QPSK	1	1	20.00	20.08	20.03	22.0	0.0	
Channel									
Frequency (MHz)				343500	349000	354500	limit (dBm)	MPR (dB)	
15	QPSK	1	1	20.04	20.08	20.13	22.0	0.0	
Channel									
Frequency (MHz)				343000	349000	355000	limit (dBm)	MPR (dB)	
10	QPSK	1	1	21.10	21.18	21.03	22.0	0.0	
Channel									
Frequency (MHz)				342500	349000	355500	limit (dBm)	MPR (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. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000		
Frequency (MHz)				1720	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	16.87	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	16.95	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	18.5	0.0
Frequency (MHz)				1725	1745	1765		
30	QPSK	1	1	16.12	16.10	16.59	18.5	0.0
Channel				342500	349000	353000	18.5	0.0
Frequency (MHz)				1722.5	1745	1767.5		
25	QPSK	1	1	16.74	16.74	16.67	18.5	0.0
Channel				345000	349000	349000	18.5	0.0
Frequency (MHz)				1720	1745	1770		
20	QPSK	1	1	16.24	16.27	15.98	18.5	0.0
Channel				345000	349000	354500	18.5	0.0
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	18.5	0.0
Frequency (MHz)				1715	1745	1775		
10	QPSK	1	1	16.74	16.85	16.67	18.5	0.0
Channel				342500	349000	355000	18.5	0.0
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. F.Freq.	Power Middle Ch. F.Freq.	Power High Ch. F.Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	346000	346000		
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		
15	QPSK	1	40			20.44	21.5	0.0
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	346000	341000	18.5	0.0
Frequency (MHz)				1700	1702.5	1705		
10	QPSK	1	1	20.82	20.68	20.67	21.5	0.0
Channel				335000	345000	345000	18.5	0.0
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				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI/2 BPSK	1	1	22.57	22.86	22.67	24.0	0.0		
100	PI/2 BPSK	1	137	23.44	23.47	23.43				
100	PI/2 BPSK	1	271	23.36	23.56	23.50				
100	PI/2 BPSK	135	0	23.47	23.51	23.22	24.0	0.0		
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	22.64	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				
100	64QAM	1	1	23.47	23.54	23.23				
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	2649.99	24.0	0.0		
80	QPSK	1	1	22.61	22.74	22.63	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	22.60	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				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI/2 BPSK	1	1	18.89	19.10	19.01	20.5	0.0		
100	PI/2 BPSK	1	137	18.97	19.08	18.86				
100	PI/2 BPSK	1	271	18.83	19.25	18.92				
100	PI/2 BPSK	135	0	18.90	18.95	18.85	20.5	0.0		
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				
100	QPSK	1	137	18.06	18.20	18.14				
100	QPSK	1	271	18.35	18.40	18.18	20.5	0.0		
100	QPSK	135	0	18.30	18.42	18.36				
100	QPSK	135	69	19.09	19.42	19.21				
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				
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	2649.99	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								
Frequency (MHz)				1865	1880	1885		
30	P12 BPSK	1	1	15.79	16.06	15.96		
30	P12 BPSK	1	80	16.14	15.93	15.92		0.0
30	P12 BPSK	1	168	15.96	15.88	15.89		
30	P12 BPSK	80	0	15.38	15.60	15.54	17.5	0.0
30	P12 BPSK	80	40	16.31	16.00	16.17	17.5	0.0
30	P12 BPSK	80	80	15.14	15.36	15.23	17.5	0.0
30	P12 BPSK	160	0	15.44	15.48	15.35		
30	QPSK	1	1	15.92	16.15	15.93		
30	QPSK	1	80	15.87	16.02	16.07	17.5	0.0
30	QPSK	1	158	15.92	15.90	15.81		
30	QPSK	80	0	15.18	15.07	14.82	17.5	0.0
30	QPSK	80	40	16.01	16.18	16.24	17.5	0.0
30	QPSK	80	80	14.81	15.09	14.87	17.5	0.0
30	QPSK	160	0	14.97	15.18	14.92		
30	16QAM	1	1	16.03	16.07	15.97	17.5	0.0
30	64QAM	1	1	15.83	15.83	15.87	17.5	0.0
30	256QAM	1	1	15.58	15.72	15.73	17.5	0.0
Channel								
Frequency (MHz)				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
25	P12 BPSK	1	1	15.91	16.03	15.88	-6.5	0.0
Channel								
Frequency (MHz)				1860	1880	1900		
20	P12 BPSK	1	1	16.02	16.23	16.19		
20	P12 BPSK	1	53	16.32	16.24	16.07	17.5	0.0
20	P12 BPSK	1	104	16.10	16.30	16.01		
20	P12 BPSK	50	0	15.70	15.89	15.85	17.5	0.0
20	P12 BPSK	50	28	16.42	16.14	16.32	17.5	0.0
20	P12 BPSK	50	56	15.36	15.67	15.51	17.5	0.0
20	P12 BPSK	100	0	15.80	15.73	15.68		
20	QPSK	1	1	16.23	16.35	16.20		
20	QPSK	1	53	16.07	16.30	16.33	17.5	0.0
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	16.00	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		
20	16QAM	1	1	16.21	16.18	16.17	17.5	0.0
20	64QAM	1	1	16.04	15.95	15.97	17.5	0.0
20	256QAM	1	1	15.79	15.84	15.80	17.5	0.0
Channel								
Frequency (MHz)				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
15	P12 BPSK	1	1	15.99	16.26	15.89	17.5	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	P12 BPSK	1	1	16.07	16.09	15.91	17.5	0.0
Channel								
Frequency (MHz)				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	P12 BPSK	1	1	16.58	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								
Frequency (MHz)				167000				
25	P12 BPSK	1	1	21.89				
25	P12 BPSK	1	67	21.91			23.0	0.0
25	P12 BPSK	1	131	21.73				
25	P12 BPSK	64	0	21.41			22.5	0.5
25	P12 BPSK	64	32	21.85			23.0	0.0
25	P12 BPSK	64	64	21.33			22.5	0.5
25	P12 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				
25	QPSK	64	0	20.91			22.0	1.0
25	QPSK	64	32	21.95			23.0	0.0
25	QPSK	64	64	20.85				
25	QPSK	128	0	20.84			22.0	1.0
25	16QAM	1	1	20.56			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								
Frequency (MHz)				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	21.72	21.71	21.65	23.0	0.0
Channel								
Frequency (MHz)				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	21.79	21.86	21.81	23.0	0.0
Channel								
Frequency (MHz)				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	21.88	21.82	21.87	23.0	0.0
Channel								
Frequency (MHz)				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
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								
Frequency (MHz)				1870	1882.5	1885		
40	P12 BPSK	1	1	15.99	15.92	16.05		
40	P12 BPSK	1	108	16.28	16.76	16.53	17.5	0.0
40	P12 BPSK	1	214	15.89	15.90	15.90		
40	P12 BPSK	108	0	15.77	16.15	15.77	17.5	0.0
40	P12 BPSK	108	54	16.49	16.55	16.45	17.5	0.0
40	P12 BPSK	108	108	15.73	15.94	15.92	17.5	0.0
40	P12 BPSK	216	0	15.83	15.94	16.06		
40	QPSK	1	1	16.56	16.83	16.55		
40	QPSK	1	108	15.94	16.04	16.83	17.5	0.0
40	QPSK	1	214	15.99	16.11	16.09		
40	QPSK	108	0	15.55	15.84	15.58	17.5	0.0
40	QPSK	108	54	16.55	16.81	16.45	17.5	0.0
40	QPSK	108	108	15.66	15.81	15.67	17.5	0.0
40	QPSK	216	0	15.58	15.60	15.56		
40	16QAM	1	1	15.82	15.86	15.72	17.5	0.0
40	64QAM	1	1	15.76	15.81	15.65	17.5	0.0
40	256QAM	1	1	15.56	15.58	15.52	17.5	0.0
Channel								
Frequency (MHz)				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	16.38	16.38	16.45	17.5	0.0
Channel								
Frequency (MHz)				372000	376500	380500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	16.41	16.40	16.33	17.5	0.0
Channel								
Frequency (MHz)				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	16.33	16.29	16.27	17.5	0.0
Channel								
Frequency (MHz)				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	16.41	16.50	16.31	17.5	0.0
Channel								
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	16.39	16.52	16.38	17.5	0.0
Channel								
Frequency (MHz)				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
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.	MPR (dB)
Channel				462000	462000		
Frequency (MHz)				2310			
10	PI2 BPSK	1	1	12.90			
10	PI2 BPSK	1	26	12.85			14.0
10	PI2 BPSK	1	50	12.85			14.0
10	PI2 BPSK	25	0	12.33			14.0
10	PI2 BPSK	25	14	13.00			14.0
10	PI2 BPSK	25	27	12.45			14.0
10	PI2 BPSK	50	0	12.51			14.0
10	QPSK	1	1	12.52			14.0
10	QPSK	1	26	12.89			14.0
10	QPSK	1	50	12.91			14.0
10	QPSK	25	0	12.94			14.0
10	QPSK	25	14	13.01			14.0
10	QPSK	25	27	12.04			14.0
10	QPSK	50	0	12.15			14.0
10	16QAM	1	1	12.37			14.0
10	64QAM	1	1	12.35			14.0
10	256QAM	1	1	12.81			14.0
Channel				461500	462000	462500	
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	12.89	12.89	12.85	14.0

n66 NSA DSI3 Ant1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				345000	345000		
Frequency (MHz)				1790	1745	1760	
40	PI2 BPSK	1	1	18.73	18.81	18.62	
40	PI2 BPSK	1	108	19.16	19.43	19.23	20.5
40	PI2 BPSK	1	214	18.68	18.88	18.71	20.5
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	20.5
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	20.5
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	18.19	19.5
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	19.26	19.46	19.19	20.5
Channel				345500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	19.35	19.44	19.03	20.5
Channel				345000	349000	354000	
Frequency (MHz)				1720	1745	1773	
20	QPSK	1	1	19.29	19.29	19.32	20.5
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	19.27	19.25	19.28	20.5
Channel				345000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	19.12	19.47	19.10	20.5
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	1	19.08	19.25	19.08	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		
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		
100	PI/2 BPSK	135	0	14.04	14.32	14.09	15.0	0.0
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		
100	QPSK	135	0	14.04	13.99	14.06	15.0	0.0
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	529988	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	532988	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	535988	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									
Frequency (MHz)									
100	PI2 BPSK	1	1	17.59	17.62	17.29			
100	PI2 BPSK	1	137	16.76	16.89	16.53	18.5	0.0	
100	PI2 BPSK	1	271	17.24	17.39	17.08			
100	PI2 BPSK	135	0	17.50	17.53	17.32	18.5	0.0	
100	PI2 BPSK	135	69	17.38	17.76	17.37	18.5	0.0	
100	PI2 BPSK	135	138	17.33	17.35	17.29	18.5	0.0	
100	PI2 BPSK	270	0	16.75	16.75	16.55	18.5	0.0	
100	QPSK	1	1	17.55	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	17.89	17.47	18.5	0.0	
100	QPSK	135	138	16.98	17.05	16.87	18.5	0.0	
100	QPSK	270	0	16.99	17.05	16.87	18.5	0.0	
100	16QAM	1	1	17.52	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)									
80	QPSK	1	123	3745.02	3840	3935.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3840	3840.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3739.02	3840	3905.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3731.01	3840	3840.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3730.02	3840	3905.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3719.01	3840	3970.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3707.52	3840	3972.51	limit	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	12	3705.01	3840	3975.01	limit	MPR (dB)	

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									
Frequency (MHz)									
100	PI2 BPSK	1	1	13.57	13.54	13.25	15.0	0.0	
100	PI2 BPSK	1	137	13.88	14.20	14.00	15.0	0.0	
100	PI2 BPSK	1	271	13.40	13.44	13.21	15.0	0.0	
100	PI2 BPSK	135	0	13.73	13.82	13.62	15.0	0.0	
100	PI2 BPSK	135	69	14.15	14.42	13.98	15.0	0.0	
100	PI2 BPSK	135	138	13.57	13.91	13.49	15.0	0.0	
100	PI2 BPSK	270	0	13.84	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	15.0	0.0	
100	QPSK	1	271	13.56	13.84	13.48	15.0	0.0	
100	QPSK	135	0	13.13	13.36	12.93	15.0	0.0	
100	QPSK	135	69	14.35	14.53	14.35	15.0	0.0	
100	QPSK	135	138	12.86	13.06	12.80	15.0	0.0	
100	QPSK	270	0	12.98	13.24	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)									
80	QPSK	1	123	3745.02	3840	3935.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3840	3840.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3739.02	3840	3905.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3731.01	3840	3840.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3730.02	3840	3905.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3719.01	3840	3970.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3707.52	3840	3972.51	limit	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	12	3705.01	3840	3975.01	limit	MPR (dB)	

Part27Q 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									
Frequency (MHz)									
100	PI2 BPSK	1	1		3500.01				
100	PI2 BPSK	1	137		17.25				
100	PI2 BPSK	1	271		17.52				
100	PI2 BPSK	135	0		17.17				
100	PI2 BPSK	135	69		17.38				
100	PI2 BPSK	135	138		17.09			18.5	0.0
100	PI2 BPSK	270	0		17.40				
100	PI2 BPSK	270	0		17.48			18.5	0.0
100	QPSK	1	1		17.85				
100	QPSK	1	137		17.55				
100	QPSK	1	271		17.28				
100	QPSK	135	0		16.92				
100	QPSK	135	69		18.06			18.5	0.0
100	QPSK	135	138		16.94				
100	QPSK	270	0		16.83			18.5	0.0
100	16QAM	1	1		17.06			18.5	0.0
100	16QAM	1	1		16.99			18.5	0.0
100	256QAM	1	1		17.06			18.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	123	3500.02	3500.01	3505.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3495.01	3500.01	3500.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3490.02	3500.01	3510	limit	MPR (dB)	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3485.02	3500.01	3505.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3480.02	3500.01	3510.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3475.02	3500.01	3520.02	limit	MPR (dB)	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3470.01	3500.01	3525.01	limit	MPR (dB)	
Channel									
Frequency (MHz)									
10	QPSK	1	12	3465.01	3500.01	3530.01	limit	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								
Frequency (MHz)				63334				
100	PI2 BPSK	1	1	13.50	13.50	13.50	15.0	0.0
100	PI2 BPSK	1	137	14.58	14.58	14.58	15.0	0.0
100	PI2 BPSK	1	271	13.75	13.75	13.75	15.0	0.0
100	PI2 BPSK	135	0	13.84	13.84	13.84	15.0	0.0
100	PI2 BPSK	135	69	14.09	14.09	14.09	15.0	0.0
100	PI2 BPSK	135	138	13.88	13.88	13.88	15.0	0.0
100	PI2 BPSK	270	0	14.05	14.05	14.05	15.0	0.0
100	QPSK	1	1	14.48	14.48	14.48	15.0	0.0
100	QPSK	1	137	13.50	13.50	13.50	15.0	0.0
100	QPSK	1	271	13.79	13.79	13.79	15.0	0.0
100	QPSK	135	0	13.44	13.44	13.44	15.0	0.0
100	QPSK	135	69	14.59	14.59	14.59	15.0	0.0
100	QPSK	135	138	13.30	13.30	13.30	15.0	0.0
100	QPSK	270	0	13.38	13.38	13.38	15.0	0.0
100	16QAM	1	1	13.67	13.67	13.67	15.0	0.0
100	64QAM	1	1	13.69	13.69	13.69	15.0	0.0
100	256QAM	1	1	13.67	13.67	13.67	15.0	0.0
Channel				63300	63334	63368	limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3566.02	limit (dBm)	MPR (dB)
80	QPSK	1	123	14.05	14.20	14.05	15.0	0.0
Channel				63268	63334	63400	limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3510	limit (dBm)	MPR (dB)
80	QPSK	1	109	13.74	14.09	13.78	15.0	0.0
Channel				63200	63334	63368	limit (dBm)	MPR (dB)
Frequency (MHz)				3460	3500.01	3500.02	limit (dBm)	MPR (dB)
60	QPSK	1	81	13.94	13.94	13.79	15.0	0.0
Channel				63168	63334	63500	limit (dBm)	MPR (dB)
Frequency (MHz)				3476.02	3500.01	3550.01	limit (dBm)	MPR (dB)
50	QPSK	1	67	13.84	14.05	13.94	15.0	0.0
Channel				63134	63334	63334	limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3500.01	limit (dBm)	MPR (dB)
40	QPSK	1	53	13.59	13.74	13.69	15.0	0.0
Channel				63068	63334	63500	limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	limit (dBm)	MPR (dB)
20	QPSK	1	26	13.55	13.69	13.67	15.0	0.0
Channel				63000	63334	63168	limit (dBm)	MPR (dB)
Frequency (MHz)				3457.5	3500.01	3542.52	limit (dBm)	MPR (dB)
15	QPSK	1	19	13.59	13.82	13.80	15.0	0.0
Channel				63034	63334	63334	limit (dBm)	MPR (dB)
Frequency (MHz)				3455.01	3500.01	3465.01	limit (dBm)	MPR (dB)
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								
Frequency (MHz)				65000				
100	PI2 BPSK	1	1	17.35	17.35	17.35	18.5	0.0
100	PI2 BPSK	1	137	16.82	16.82	16.82	18.5	0.0
100	PI2 BPSK	1	271	17.27	17.27	17.27	18.5	0.0
100	PI2 BPSK	135	0	17.38	17.38	17.38	18.5	0.0
100	PI2 BPSK	135	69	17.63	17.63	17.63	18.5	0.0
100	PI2 BPSK	135	138	17.35	17.35	17.35	18.5	0.0
100	PI2 BPSK	270	0	16.59	16.59	16.59	18.5	0.0
100	QPSK	1	1	17.54	17.54	17.54	18.5	0.0
100	QPSK	1	137	16.76	16.76	16.76	18.5	0.0
100	QPSK	1	271	17.11	17.11	17.11	18.5	0.0
100	QPSK	135	0	17.43	17.43	17.43	18.5	0.0
100	QPSK	135	69	17.73	17.73	17.73	18.5	0.0
100	QPSK	135	138	16.88	16.88	16.88	18.5	0.0
100	QPSK	270	0	16.83	16.83	16.83	18.5	0.0
100	16QAM	1	1	17.23	17.23	17.23	18.5	0.0
100	64QAM	1	1	17.63	17.63	17.63	18.5	0.0
100	256QAM	1	1	16.93	16.93	16.93	18.5	0.0
Channel				64868	65000	65034	limit (dBm)	MPR (dB)
Frequency (MHz)				3746.02	3750	3765.01	limit (dBm)	MPR (dB)
90	QPSK	1	123	17.09	17.42	17.08	18.5	0.0
Channel				64834	65000	65068	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)	MPR (dB)
80	QPSK	1	109	17.10	17.42	17.08	18.5	0.0
Channel				64800	65000	65100	limit (dBm)	MPR (dB)
Frequency (MHz)				3736	3750	3765	limit (dBm)	MPR (dB)
70	QPSK	1	95	17.12	17.24	17.15	18.5	0.0
Channel				64868	65000	65134	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3750	3770.01	limit (dBm)	MPR (dB)
60	QPSK	1	81	17.14	17.35	17.23	18.5	0.0
Channel				64834	65000	65168	limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3750	3778.02	limit (dBm)	MPR (dB)
50	QPSK	1	67	17.17	17.42	17.22	18.5	0.0
Channel				64800	65000	65200	limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780	limit (dBm)	MPR (dB)
40	QPSK	1	53	17.33	17.36	17.29	18.5	0.0
Channel				64768	65000	65234	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)	MPR (dB)
30	QPSK	1	39	17.00	17.32	17.17	18.5	0.0
Channel				64734	65000	65268	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)	MPR (dB)
20	QPSK	1	26	17.12	17.24	17.15	18.5	0.0
Channel				64768	65000	65334	limit (dBm)	MPR (dB)
Frequency (MHz)				3712	3750	3792	limit (dBm)	MPR (dB)
15	QPSK	1	19	17.12	17.40	17.15	18.5	0.0
Channel				64700	65000	65300	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	limit (dBm)	MPR (dB)
10	QPSK	1	12	17.20	17.37	17.12	18.5	0.0

Part27O 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								
Frequency (MHz)				65000				
100	PI2 BPSK	1	1	13.44	13.44	13.44	15.0	0.0
100	PI2 BPSK	1	137	14.08	14.08	14.08	15.0	0.0
100	PI2 BPSK	1	271	13.34	13.34	13.34	15.0	0.0
100	PI2 BPSK	135	0	13.66	13.66	13.66	15.0	0.0
100	PI2 BPSK	135	69	14.15	14.15	14.15	15.0	0.0
100	PI2 BPSK	135	138	13.72	13.72	13.72	15.0	0.0
100	PI2 BPSK	270	0	13.94	13.94	13.94	15.0	0.0
100	QPSK	1	1	14.03	14.03	14.03	15.0	0.0
100	QPSK	1	137	13.84	13.84	13.84	15.0	0.0
100	QPSK	1	271	13.56	13.56	13.56	15.0	0.0
100	QPSK	135	0	13.16	13.16	13.16	15.0	0.0
100	QPSK	135	69	14.31	14.31	14.31	15.0	0.0
100	QPSK	135	138	13.27	13.27	13.27	15.0	0.0
100	QPSK	270	0	13.16	13.16	13.16	15.0	0.0
100	16QAM	1	1	13.20	13.20	13.20	15.0	0.0
100	64QAM	1	1	13.82	13.82	13.82	15.0	0.0
100	256QAM	1	1	13.12	13.12	13.12	15.0	0.0
Channel				64868	65000	65034	limit (dBm)	MPR (dB)
Frequency (MHz)				3746.02	3750	3765.01	limit (dBm)	MPR (dB)
90	QPSK	1	123	13.69	13.68	13.68	18.0	0.0
Channel				64834	65000	65068	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3760.02	limit (dBm)	MPR (dB)
80	QPSK	1	109	13.68	13.90	13.58	18.0	0.0
Channel				64800	65000	65100	limit (dBm)	MPR (dB)
Frequency (MHz)				3736	3750	3765	limit (dBm)	MPR (dB)
70	QPSK	1	95	13.70	13.88	13.56	18.0	0.0
Channel				64868	65000	65134	limit (dBm)	MPR (dB)
Frequency (MHz)				3740.02	3750	3770.01	limit (dBm)	MPR (dB)
60	QPSK	1	81	13.91	13.72	13.43	18.0	0.0
Channel				64834	65000	65168	limit (dBm)	MPR (dB)
Frequency (MHz)				3735.01	3750	3778.02	limit (dBm)	MPR (dB)
50	QPSK	1	67	13.58	13.64	13.41	18.0	0.0
Channel				64800	65000	65168	limit (dBm)	MPR (dB)
Frequency (MHz)				3730	3750	3780	limit (dBm)	MPR (dB)
40	QPSK	1	53	13.44	13.63	13.26	18.0	0.0
Channel				64768	65000	65234	limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3785.01	limit (dBm)	MPR (dB)
30	QPSK	1	39	13.42	13.57	13.35	18.0	0.0
Channel				64734	65000	65268	limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3790.02	limit (dBm)	MPR (dB)
20	QPSK	1	26	13.57	13.73	13.27	18.0	0.0
Channel				64768	65000	65334	limit (dBm)	MPR (dB)
Frequency (MHz)				3712	3750	3792	limit (dBm)	MPR (dB)
15	QPSK	1	19	13.38	13.70	13.45	18.0	0.0
Channel				64700	65000	65300	limit (dBm)	MPR (dB)
Frequency (MHz)				3705	3750	3795	limit (dBm)	MPR (dB)
10	QPSK	1	12	13.54	13.66	13.50	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	16.85	3000.01				
100	PI2 BPSK	1	137	16.71			18.5	0.0	
100	PI2 BPSK	1	271	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	16.69			18.5	0.0	
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	0	17.24					
100	QPSK	135	69	17.56			18.5	0.0	
100	QPSK	135	138	17.34					
100	QPSK	270	0	17.12			18.5	0.0	
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	3000.01	3005.02	limit (dBm)	MPR (dB)	
Channel 632668									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3000.01	3510	limit (dBm)	MPR (dB)	
Channel 632234									
Frequency (MHz)									
70	QPSK	1	95	17.10	16.97	16.78	18.5	0.0	
Channel 632000									
Frequency (MHz)									
60	QPSK	1	81	17.10	17.02	16.80	18.5	0.0	
Channel 631668									
Frequency (MHz)									
50	QPSK	1	67	17.13	17.07	16.85	18.5	0.0	
Channel 631334									
Frequency (MHz)									
40	QPSK	1	53	17.05	17.03	16.84	18.5	0.0	
Channel 3485									
Frequency (MHz)									
30	QPSK	1	39	17.12	16.99	16.93	18.5	0.0	
Channel 630900									
Frequency (MHz)									
20	QPSK	1	26	16.96	16.86	16.74	18.5	0.0	
Channel 630500									
Frequency (MHz)									
15	QPSK	1	19	16.98	16.84	16.83	18.5	0.0	
Channel 630334									
Frequency (MHz)									
10	QPSK	1	12	3455.01	3000.01	3545.01	limit (dBm)	MPR (dB)	

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	13.43	3000.01				
100	PI2 BPSK	1	137	13.95			15.0	0.0	
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			15.0	0.0	
100	PI2 BPSK	135	138	13.96			15.0	0.0	
100	PI2 BPSK	270	0	13.87			15.0	0.0	
100	QPSK	1	1	13.94			15.0	0.0	
100	QPSK	1	137	13.21					
100	QPSK	1	271	13.34			15.0	0.0	
100	QPSK	135	0	14.02					
100	QPSK	135	69	14.14			15.0	0.0	
100	QPSK	135	138	13.87			15.0	0.0	
100	QPSK	270	0	13.66			15.0	0.0	
100	16QAM	1	1	13.75			15.0	0.0	
100	16QAM	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	3000.01	3005.02	limit (dBm)	MPR (dB)	
Channel 632668									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3000.01	3510	limit (dBm)	MPR (dB)	
Channel 632234									
Frequency (MHz)									
70	QPSK	1	95	13.42	13.66	13.68	15.0	0.0	
Channel 632000									
Frequency (MHz)									
60	QPSK	1	81	13.45	13.42	13.68	15.0	0.0	
Channel 631668									
Frequency (MHz)									
50	QPSK	1	67	13.53	13.33	13.30	15.0	0.0	
Channel 631334									
Frequency (MHz)									
40	QPSK	1	53	13.24	13.05	13.59	15.0	0.0	
Channel 3485									
Frequency (MHz)									
30	QPSK	1	39	13.35	13.83	13.80	15.0	0.0	
Channel 630900									
Frequency (MHz)									
20	QPSK	1	26	13.44	13.84	13.71	15.0	0.0	
Channel 630500									
Frequency (MHz)									
15	QPSK	1	19	13.55	13.78	13.73	15.0	0.0	
Channel 630334									
Frequency (MHz)									
10	QPSK	1	12	3455.01	3000.01	3545.01	limit (dBm)	MPR (dB)	



n2 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									
Frequency (MHz)				1865	1880	1895			
30	Pi2 BPSK	1	1	20.07	20.28	20.59			
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	19.63	19.97	19.44	22.0	0.0	
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	20.05	22.0	0.0	
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	16QAM	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									
Frequency (MHz)				372500	376000	379500	19.5	2.5	MPR (dB)
25	Pi2 BPSK	1	1	1862.5	1880	1897.5	22.0	0.0	
Channel									
Frequency (MHz)				372500	376000	380000	19.5	2.5	MPR (dB)
20	Pi2 BPSK	1	1	20.11	20.25	20.23	22.0	0.0	
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	22.0	0.0	
20	Pi2 BPSK	50	0	19.98	19.93	19.86	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	22.0	0.0	
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	16QAM	1	1	19.48	19.47	19.51	21.5	0.5	
20	256QAM	1	1	19.31	19.25	19.36	19.5	2.5	
Channel									
Frequency (MHz)				371500	376000	380000	19.5	2.5	MPR (dB)
15	Pi2 BPSK	1	1	1862.5	1880	1897.5	19.5	2.5	
Channel									
Frequency (MHz)				371500	376000	381000	19.5	2.5	MPR (dB)
10	Pi2 BPSK	1	1	20.33	20.32	20.18	22.0	0.0	
Channel									
Frequency (MHz)				370500	376000	381500	19.5	2.5	MPR (dB)

n2 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									
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	17.29	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	17.45	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	16QAM	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)				372500	376000	379500	19.5	2.5	MPR (dB)
25	Pi2 BPSK	1	1	17.10	17.10	17.02	19.0	0.0	
Channel									
Frequency (MHz)				372500	376000	380000	19.5	2.5	MPR (dB)
20	Pi2 BPSK	1	1	17.32	17.38	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	19.0	0.0	
20	QPSK	1	1	17.35	17.61	17.34			
20	QPSK	1	53	17.53	17.55	17.53	19.0	0.0	
20	QPSK	1	104	17.24	17.51	17.24	19.0	0.0	
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	17.51	17.15	19.0	0.0	
20	16QAM	1	1	17.35	17.28	17.33	19.0	0.0	
20	16QAM	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	380000	19.5	2.5	MPR (dB)
15	Pi2 BPSK	1	1	1862.5	1880	1897.5	19.5	2.5	
Channel									
Frequency (MHz)				371500	376000	381000	19.5	2.5	MPR (dB)
10	Pi2 BPSK	1	1	17.09	17.45	17.29	19.0	0.0	
Channel									
Frequency (MHz)				370500	376000	381500	19.5	2.5	MPR (dB)

n2 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									
Frequency (MHz)				1870	182.5	1895			
40	Pi2 BPSK	1	1	20.03	19.59	20.02			
40	Pi2 BPSK	1	168	20.33	20.26	20.22	22.0	0.0	
40	Pi2 BPSK	1	214	19.93	20.12	20.06			
40	Pi2 BPSK	168	0	20.16	19.98	20.09	22.0	0.0	
40	Pi2 BPSK	168	84	20.30	20.47	20.34	22.0	0.0	
40	Pi2 BPSK	168	168	20.07	20.09	20.13	22.0	0.0	
40	Pi2 BPSK	216	0	20.12	20.25	20.14	22.0	0.0	
40	QPSK	1	1	19.98	20.69	20.15			
40	QPSK	1	168	20.34	20.29	20.29	22.0	0.0	
40	QPSK	1	214	20.12	20.04	19.96			
40	QPSK	168	0	20.10	20.06	20.03	22.0	0.0	
40	QPSK	168	84	20.50	20.84	20.42	22.0	0.0	
40	QPSK	168	168	20.30	20.33	20.24	22.0	0.0	
40	QPSK	216	0	20.10	20.36	20.09	22.0	0.0	
40	16QAM	1	1	20.11	20.10	20.14	22.0	0.0	
40	16QAM	1	1	19.02	19.01	19.05	21.5	0.5	
40	256QAM	1	1	17.92	19.00	17.88	19.5	2.5	
Channel									
Frequency (MHz)				372500	376500	380000	19.5	2.5	MPR (dB)
30	QPSK	1	1	1865	182.5	1900	19.5	2.5	
Channel									
Frequency (MHz)				372500	376500	380000	19.5	2.5	MPR (dB)
25	QPSK	1	1	20.27	20.28	20.20	22.0	0.0	
Channel									
Frequency (MHz)				371500	376500	381500	19.5	2.5	MPR (dB)
20	QPSK	1	1	20.22	20.39	20.21	22.0	0.0	
Channel									
Frequency (MHz)				371000	376500	380000	19.5	2.5	MPR (dB)
15	QPSK	1	1	1870	182.5	1910	19.5	2.5	
Channel									
Frequency (MHz)				370500	376500	380000	19.5	2.5	MPR (dB)
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. F. Freq.	Power Middle Ch. F. Freq.	Power High Ch. F. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				374000	376000	378000			
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	17.30			
40	QPSK	1	108	17.49	17.54	17.83	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	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									
Frequency (MHz)				373000	376000	380000	limit (dBm)	MPR (dB)	
30	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	
Channel									
Frequency (MHz)				1862.5	1882.5	1902.5	limit (dBm)	MPR (dB)	
25	QPSK	1	1	17.00	17.48	17.18	19.0	0.0	
Channel									
Frequency (MHz)				372000	376000	381000	limit (dBm)	MPR (dB)	
20	QPSK	1	1	17.07	17.59	17.11	19.0	0.0	
Channel									
Frequency (MHz)				371500	376000	381500	limit (dBm)	MPR (dB)	
15	QPSK	1	1	17.06	17.66	17.26	19.0	0.0	
Channel									
Frequency (MHz)				371000	376000	382000	limit (dBm)	MPR (dB)	
10	QPSK	1	1	17.05	182.5	19.10	19.0	0.0	
Channel									
Frequency (MHz)				370500	376000	382500	limit (dBm)	MPR (dB)	
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. F. Freq.	Power Middle Ch. F. Freq.	Power High Ch. F. Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				465000					
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	16QAM	1	1	14.59			16.5	0.0	
10	256QAM	1	1	14.54			16.5	0.0	
Channel									
Frequency (MHz)				461900	462000	462500	limit (dBm)	MPR (dB)	
5	QPSK	1	1	14.52	2310	2312.5	14.53	16.5	0.0

n66 SA DSI7 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)				349000	349000	350000					
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	17.56	18.22	18.03					
40	QPSK	1	1	19.32	19.46	19.20					
40	QPSK	1	108	19.23	19.27	19.06	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	17.46	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	16QAM	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											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
30	QPSK	1	1	17.25	17.45	17.65	19.0	0.0			
30	QPSK	1	1	19.45	19.21	19.66	21.0	0.0			
Channel											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
25	QPSK	1	1	17.22.5	17.45	17.67.5	19.0	0.0			
25	QPSK	1	1	18.48	19.29	18.88	21.0	0.0			
Channel											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
20	QPSK	1	1	18.72	19.31	18.64	21.0	0.0			
Channel											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
15	QPSK	1	1	19.05	19.29	19.90	21.0	0.0			
Channel											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
10	QPSK	1	1	18.63	19.15	18.74	21.0	0.0			
Channel											
Frequency (MHz)				345000	349000	353000	limit (dBm)	MPR (dB)			
5	QPSK	1	1	17.12.5	17.45	17.77.5	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)	MPR (dB)
Channel				346000	349000	352000	
Frequency (MHz)				1720	1745	1760	
40	PV2 BPSK	1	1	13.84	13.83	13.50	
40	PV2 BPSK	1	108	14.22	14.37	14.43	16.0
40	PV2 BPSK	1	214	13.46	13.89	13.46	
40	PV2 BPSK	108	0	13.34	13.32	13.26	16.0
40	PV2 BPSK	108	54	14.13	14.41	14.39	16.0
40	PV2 BPSK	108	108	13.46	13.45	13.26	16.0
40	PV2 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	16QAM	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	16.0
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	14.22	14.25	14.42	16.0
Channel				345000	349000	353000	16.0
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	14.28	14.37	14.29	16.0
Channel				348000	349000	354000	16.0
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	14.36	14.32	14.29	16.0
Channel				345000	349000	354000	16.0
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	14.10	14.31	14.38	16.0
Channel				343000	349000	350000	16.0
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	14.14	14.30	14.27	16.0
Channel				342000	349000	355000	16.0
Frequency (MHz)				1712.5	1745	1777.5	
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)	MPR (dB)
Channel				346000	349000	352000	
Frequency (MHz)				1702.5			
15	PV2 BPSK	1	1	19.43			
15	PV2 BPSK	1	40	19.43			20.5
15	PV2 BPSK	1	77	19.22			
15	PV2 BPSK	36	0	18.92			20.5
15	PV2 BPSK	36	22	19.48			20.5
15	PV2 BPSK	36	43	18.98			20.5
15	PV2 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	18.28			20.5
15	QPSK	36	22	18.82			20.5
15	QPSK	36	43	18.63			20.5
15	QPSK	75	0	18.23			
15	16QAM	1	1	18.81			20.5
15	16QAM	1	1	18.99			20.5
15	256QAM	1	1	17.48			15.0
Channel				349000	349000	349000	16.0
Frequency (MHz)				1700	1702.5	1705	
10	QPSK	1	1	19.71	19.78	19.71	20.5
Channel				345000	345000	345000	16.0
Frequency (MHz)				1697.5	1702.5	1707.5	
5	QPSK	1	1	19.59	19.48	19.62	20.5



N41 PC2 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				509202	518598	528000				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI/2 BPSK	1	1	22.07	22.36	22.17	24.0	0.0		
100	PI/2 BPSK	1	137	22.94	22.97	22.93				
100	PI/2 BPSK	1	271	22.86	23.06	23.00				
100	PI/2 BPSK	135	0	22.97	23.01	22.72	24.0	0.0		
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	24.0	0.0		
100	PI/2 BPSK	270	0	22.88	22.97	23.02	24.0	0.0		
100	QPSK	1	1	22.92	23.07	22.74				
100	QPSK	1	137	22.04	22.24	22.20				
100	QPSK	1	271	22.87	22.94	22.86	24.0	0.0		
100	QPSK	135	0	22.90	23.09	23.01				
100	QPSK	135	69	22.86	22.98	22.78				
100	QPSK	135	138	22.06	22.30	22.28	24.0	0.0		
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	2649.99	24.0	0.0		
80	QPSK	1	1	22.81	22.74	22.83	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	22.60	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 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				509202	518598	528000				
Frequency (MHz)				2546.01	2592.99	2640				
100	PI/2 BPSK	1	1	18.89	19.10	19.01	20.5	0.0		
100	PI/2 BPSK	1	137	18.97	19.08	18.86				
100	PI/2 BPSK	1	271	18.83	19.25	18.92				
100	PI/2 BPSK	135	0	18.90	18.95	18.85	20.5	0.0		
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				
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	20.5	0.0		
100	QPSK	135	138	18.23	18.26	18.21	20.5	0.0		
100	QPSK	270	0	18.08	18.10	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	2649.99	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 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)									
30	PI2 BPSK	1	1	14.94	15.24	15.43			
30	PI2 BPSK	1	80	15.11	15.40	14.98	16.5	0.0	
30	PI2 BPSK	1	158	15.11	15.16	15.15			
30	PI2 BPSK	80	0	14.56	14.79	14.75	16.5	0.0	
30	PI2 BPSK	80	40	15.23	15.16	15.12			
30	PI2 BPSK	80	80	14.57	14.64	14.56	16.5	0.0	
30	PI2 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	14.28	13.97	16.5	0.0	
30	QPSK	80	40	15.32	15.38	15.14			
30	QPSK	80	80	14.03	14.23	14.07	16.5	0.0	
30	QPSK	160	0	14.28	14.26	14.09			
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									
Frequency (MHz)									
25	PI2 BPSK	1	1	18.25	18.00	18.75	limit	MPR	
Channel									
Frequency (MHz)									
20	PI2 BPSK	1	1	15.03	15.27	15.29	limit	MPR	
20	PI2 BPSK	1	53	15.21	15.21	15.39			
20	PI2 BPSK	1	104	15.13	15.23	15.13	16.5	0.0	
20	PI2 BPSK	50	0	14.84	14.89	14.91	16.5	0.0	
20	PI2 BPSK	50	28	15.37	15.30	15.50	16.5	0.0	
20	PI2 BPSK	50	56	14.62	14.65	14.43			
20	PI2 BPSK	100	0	14.90	14.94	14.87	16.5	0.0	
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	15.63	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	14.16			
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									
Frequency (MHz)									
15	PI2 BPSK	1	1	18.57	18.80	19.02	limit	MPR	
Channel									
Frequency (MHz)									
10	PI2 BPSK	1	1	15.30	15.29	15.10	16.5	0.0	
Channel									
Frequency (MHz)									
5	PI2 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									
Frequency (MHz)									
25	PI2 BPSK	1	1	20.85					
25	PI2 BPSK	1	67	20.89			22.0	0.0	
25	PI2 BPSK	1	131	20.70					
25	PI2 BPSK	64	0	20.46			22.0	0.0	
25	PI2 BPSK	64	32	20.84					
25	PI2 BPSK	64	64	20.36			22.0	0.0	
25	PI2 BPSK	128	0	20.42					
25	QPSK	1	1	20.91					
25	QPSK	1	67	20.80			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					
25	QPSK	64	64	20.65			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									
Frequency (MHz)									
20	QPSK	1	1	8.34	8.36	8.39	limit	MPR	
Channel									
Frequency (MHz)									
15	QPSK	1	1	20.78	20.78	20.74	22.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	20.58	20.56	20.64	22.0	0.0	
Channel									
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									
Frequency (MHz)									
40	PI2 BPSK	1	1	14.97	14.78	15.08			
40	PI2 BPSK	1	108	15.49	15.76	15.48	16.5	0.0	
40	PI2 BPSK	1	214	14.79	14.84	14.93			
40	PI2 BPSK	108	0	14.76	14.90	14.69	16.5	0.0	
40	PI2 BPSK	108	54	15.44	15.11	15.50			
40	PI2 BPSK	108	108	14.80	15.05	14.86	16.5	0.0	
40	PI2 BPSK	216	0	14.97	14.84	15.14			
40	QPSK	1	1	15.63	15.65	15.64			
40	QPSK	1	108	14.87	14.85	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	15.81	15.57	16.5	0.0	
40	QPSK	108	108	14.54	14.54	14.55			
40	QPSK	216	0	15.00	15.36	15.04	16.5	0.0	
40	16QAM	1	1	14.93	14.88	14.78	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									
Frequency (MHz)									
30	QPSK	1	1	18.05	18.02	18.00	limit	MPR	
Channel									
Frequency (MHz)									
25	QPSK	1	1	18.44	18.57	18.48	16.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	1	15.49	15.37	15.50	16.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	1	15.34	15.50	15.51	16.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	1	15.53	15.50	15.50	16.5	0.0	
Channel									
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.	MPR (dB)
Channel							
Frequency (MHz)				2310			
10	P1/2 BPSK	1	1	12.50			
10	P1/2 BPSK	1	26	12.85			14.0
10	P1/2 BPSK	1	50	12.85			
10	P1/2 BPSK	25	0	12.33			14.0
10	P1/2 BPSK	25	14	12.81			14.0
10	P1/2 BPSK	25	27	12.45			14.0
10	P1/2 BPSK	50	0	12.51			14.0
10	QPSK	1	1	12.92			
10	QPSK	1	26	12.89			14.0
10	QPSK	1	50	12.91			
10	QPSK	25	0	12.08			14.0
10	QPSK	25	14	13.00			14.0
10	QPSK	25	27	12.94			14.0
10	QPSK	50	0	12.05			14.0
10	16QAM	1	1	12.37			14.0
10	64QAM	1	1	12.35			14.0
10	256QAM	1	1	12.91			14.0
Channel				46150	46200	46250	14.0
Frequency (MHz)				2307.5	2310	2312.5	14.0
5	QPSK	1	1	12.69	12.78	12.69	14.0

n66 NSA DS17 Ant1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel							
Frequency (MHz)				1730	1745	1760	
40	P1/2 BPSK	1	1	17.15	17.27	17.13	
40	P1/2 BPSK	1	108	17.74	17.87	17.68	19.0
40	P1/2 BPSK	1	214	17.19	17.45	17.29	
40	P1/2 BPSK	108	0	17.07	17.01	17.11	19.0
40	P1/2 BPSK	108	54	17.72	17.99	17.74	19.0
40	P1/2 BPSK	108	108	17.21	17.03	17.13	19.0
40	P1/2 BPSK	216	0	17.03	17.03	17.09	19.0
40	QPSK	1	1	17.79	18.06	17.87	
40	QPSK	1	108	17.38	17.24	17.35	19.0
40	QPSK	1	214	17.03	17.19	17.15	
40	QPSK	108	0	16.46	16.27	16.34	19.0
40	QPSK	108	54	17.50	18.09	17.80	19.0
40	QPSK	108	108	16.45	16.25	16.31	19.0
40	QPSK	216	0	16.89	17.02	16.86	19.0
40	16QAM	1	1	17.09	16.95	17.05	19.0
40	64QAM	1	1	17.05	16.99	17.09	19.0
40	256QAM	1	1	17.74	17.76	17.75	19.0
Channel				34500	34600	35000	14.0
Frequency (MHz)				1725	1745	1765	14.0
30	QPSK	1	1	17.57	17.56	17.53	19.0
Channel				34500	34600	35000	14.0
Frequency (MHz)				1722.5	1745	1767.5	14.0
25	QPSK	1	1	17.79	17.89	17.48	19.0
Channel				34500	34600	35000	14.0
Frequency (MHz)				1717.5	1745	1772.5	14.0
20	QPSK	1	1	17.83	18.02	17.77	19.0
Channel				34500	34600	35000	14.0
Frequency (MHz)				1712.5	1745	1777.5	14.0
15	QPSK	1	1	17.60	18.17	17.57	19.0
Channel				34500	34600	35000	14.0
Frequency (MHz)				1715	1745	1775	14.0
10	QPSK	1	1	17.72	17.99	17.72	19.0
Channel				34250	34600	35000	14.0
Frequency (MHz)				1712.5	1745	1777.5	14.0
5	QPSK	1	1	17.58	17.84	17.62	19.0



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		
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		
100	PI/2 BPSK	135	0	14.04	14.32	14.09	15.0	0.0
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	529988	Tune-up limit (dBm)	MPR (dB)
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	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	532988	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	535988	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 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										
Frequency (MHz)										
100	PI2 BPSK	1	1	17.59	17.62	17.29	limit	0.0		
100	PI2 BPSK	1	137	16.76	16.89	16.53	18.5	0.0		
100	PI2 BPSK	1	271	17.24	17.39	17.08	limit	0.0		
100	PI2 BPSK	135	0	17.50	17.53	17.32	18.5	0.0		
100	PI2 BPSK	135	69	17.38	17.76	17.37	18.5	0.0		
100	PI2 BPSK	135	138	17.33	17.35	17.29	18.5	0.0		
100	PI2 BPSK	270	0	16.75	16.75	16.55	limit	0.0		
100	QPSK	1	1	17.55	17.80	17.57	limit	0.0		
100	QPSK	1	137	16.88	17.00	16.74	18.5	0.0		
100	QPSK	1	271	17.48	17.60	17.35	limit	0.0		
100	QPSK	135	0	17.59	17.69	17.42	18.5	0.0		
100	QPSK	135	69	17.57	17.89	17.47	18.5	0.0		
100	QPSK	135	138	16.98	17.05	16.87	18.5	0.0		
100	QPSK	270	0	16.99	17.05	16.87	limit	0.0		
100	16QAM	1	1	17.52	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)										
80	QPSK	1	123	3745.02	3840	3935.01	limit	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	109	3740.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81	3730.02	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	67	3731.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	53	3730.02	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	26	3719.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	19	3707.52	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	12	3707.52	3840	3840.02	limit	0.0		

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										
Frequency (MHz)										
100	PI2 BPSK	1	1	13.57	13.54	13.25	15.0	0.0		
100	PI2 BPSK	1	137	13.88	14.20	14.00	limit	0.0		
100	PI2 BPSK	1	271	13.40	13.44	13.21	15.0	0.0		
100	PI2 BPSK	135	0	13.73	13.82	13.62	limit	0.0		
100	PI2 BPSK	135	69	14.15	14.42	13.98	15.0	0.0		
100	PI2 BPSK	135	138	13.57	13.91	13.49	15.0	0.0		
100	PI2 BPSK	270	0	13.84	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	limit	0.0		
100	QPSK	1	271	13.56	13.84	13.48	15.0	0.0		
100	QPSK	135	0	13.13	13.36	12.93	limit	0.0		
100	QPSK	135	69	14.35	14.53	14.35	15.0	0.0		
100	QPSK	135	138	12.86	13.06	12.93	15.0	0.0		
100	QPSK	270	0	12.98	13.24	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)										
80	QPSK	1	123	3745.02	3840	3935.01	limit	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	109	3740.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81	3730.02	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	67	3731.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	53	3730.02	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	26	3719.01	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	19	3707.52	3840	3840.02	limit	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	12	3707.52	3840	3840.02	limit	0.0		

Part27Q 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										
Frequency (MHz)										
100	PI2 BPSK	1	1		3500.01		limit	0.0		
100	PI2 BPSK	1	137		17.25		18.5	0.0		
100	PI2 BPSK	1	271		17.52		limit	0.0		
100	PI2 BPSK	135	0		17.17		18.5	0.0		
100	PI2 BPSK	135	69		17.38		18.5	0.0		
100	PI2 BPSK	135	138		17.09		17.40	0.0		
100	PI2 BPSK	270	0		17.48		18.5	0.0		
100	QPSK	1	1		17.85		18.5	0.0		
100	QPSK	1	137		17.55		18.5	0.0		
100	QPSK	1	271		17.28		18.5	0.0		
100	QPSK	135	0		16.92		18.5	0.0		
100	QPSK	135	69		18.06		18.5	0.0		
100	QPSK	135	138		16.94		18.5	0.0		
100	QPSK	270	0		16.83		18.5	0.0		
100	16QAM	1	1		17.06		18.5	0.0		
100	16QAM	1	1		16.99		18.5	0.0		
100	256QAM	1	1		17.06		18.5	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	123	3495	3500.01	3505.02	limit	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	109	3490.02	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81	3485.01	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
50	QPSK	1	67	3480.02	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
40	QPSK	1	53	3475.02	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
20	QPSK	1	26	3470.01	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
15	QPSK	1	19	3465.02	3500.01	3510	limit	0.0		
Channel										
Frequency (MHz)										
10	QPSK	1	12	3460.02	3500.01	3510	limit	0.0		



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									
Frequency (MHz)									
100	PI2 BPSK	1	1	3500.01	3500.01	3500.01	15.0	0.0	
100	PI2 BPSK	1	137	13.50	13.50	13.50	15.0	0.0	
100	PI2 BPSK	1	271	13.75	13.75	13.75	15.0	0.0	
100	PI2 BPSK	135	0	13.84	13.84	13.84	15.0	0.0	
100	PI2 BPSK	135	69	14.09	14.09	14.09	15.0	0.0	
100	PI2 BPSK	135	138	13.88	13.88	13.88	15.0	0.0	
100	PI2 BPSK	270	0	14.05	14.05	14.05	15.0	0.0	
100	QPSK	1	1	14.48	14.48	14.48	15.0	0.0	
100	QPSK	1	137	13.50	13.50	13.50	15.0	0.0	
100	QPSK	1	271	13.79	13.79	13.79	15.0	0.0	
100	QPSK	135	0	13.44	13.44	13.44	15.0	0.0	
100	QPSK	135	69	14.59	14.59	14.59	15.0	0.0	
100	QPSK	135	138	13.30	13.30	13.30	15.0	0.0	
100	QPSK	270	0	13.38	13.38	13.38	15.0	0.0	
100	16QAM	1	1	13.67	13.67	13.67	15.0	0.0	
100	64QAM	1	1	13.69	13.69	13.69	15.0	0.0	
100	256QAM	1	1	13.67	13.67	13.67	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	123	3465	3500.01	3506.02	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3500.01	3510	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3374	3394	3414	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3384	3405	3424	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3359	3374	3389	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3355	3369	3383	15.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3359	3382	3406	15.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	3362	3388	3414	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									
Frequency (MHz)									
100	PI2 BPSK	1	1	3750	3750	3750	17.11		
100	PI2 BPSK	1	137	16.97	16.97	16.97	18.5	0.0	
100	PI2 BPSK	1	271	16.75	16.75	16.75	18.5	0.0	
100	PI2 BPSK	135	0	17.33	17.33	17.33	18.5	0.0	
100	PI2 BPSK	135	69	17.59	17.59	17.59	18.5	0.0	
100	PI2 BPSK	135	138	17.35	17.35	17.35	18.5	0.0	
100	PI2 BPSK	270	0	17.21	17.21	17.21	18.5	0.0	
100	QPSK	1	1	17.46	17.46	17.46	18.5	0.0	
100	QPSK	1	137	17.00	17.00	17.00	18.5	0.0	
100	QPSK	1	271	16.86	16.86	16.86	18.5	0.0	
100	QPSK	135	0	17.37	17.37	17.37	18.5	0.0	
100	QPSK	135	69	17.72	17.72	17.72	18.5	0.0	
100	QPSK	135	138	17.42	17.42	17.42	18.5	0.0	
100	QPSK	270	0	17.34	17.34	17.34	18.5	0.0	
100	16QAM	1	1	17.10	17.10	17.10	18.5	0.0	
100	64QAM	1	1	16.44	16.44	16.44	18.5	0.0	
100	256QAM	1	1	16.26	16.26	16.26	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	123	3746.02	3750	3755.01	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3750	3760.02	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	3726	3744	3763	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3712	3721	3731	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3712	3727	3739	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3720	3750	3780	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	3733	3735	3739	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3706	3734	3762	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3705	3733	3761	18.5	0.0	

Part27O 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									
Frequency (MHz)									
100	PI2 BPSK	1	1	3750	3750	3750	13.53		
100	PI2 BPSK	1	137	14.19	14.19	14.19	15.0	0.0	
100	PI2 BPSK	1	271	13.69	13.69	13.69	15.0	0.0	
100	PI2 BPSK	135	0	14.15	14.15	14.15	15.0	0.0	
100	PI2 BPSK	135	69	14.13	14.13	14.13	15.0	0.0	
100	PI2 BPSK	135	138	14.24	14.24	14.24	15.0	0.0	
100	PI2 BPSK	270	0	14.08	14.08	14.08	15.0	0.0	
100	QPSK	1	1	14.17	14.17	14.17	15.0	0.0	
100	QPSK	1	137	13.42	13.42	13.42	15.0	0.0	
100	QPSK	1	271	13.53	13.53	13.53	15.0	0.0	
100	QPSK	135	0	14.25	14.25	14.25	15.0	0.0	
100	QPSK	135	69	14.24	14.24	14.24	15.0	0.0	
100	QPSK	135	138	14.08	14.08	14.08	15.0	0.0	
100	QPSK	270	0	13.97	13.97	13.97	15.0	0.0	
100	16QAM	1	1	13.95	13.95	13.95	15.0	0.0	
100	64QAM	1	1	13.30	13.30	13.30	15.0	0.0	
100	256QAM	1	1	13.36	13.36	13.36	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	123	3745.02	3750	3755.01	13.53	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3750	3760.02	13.53	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	3726	3744	3763	13.53	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	3712	3721	3731	13.53	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	3712	3727	3739	13.53	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	3720	3750	3780	13.53	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	3733	3735	3739	13.53	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	3706	3734	3762	13.53	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	3705	3733	3761	13.53	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									
Frequency (MHz)									
100	PI2 BPSK	1	1	16.85	3000.01				
100	PI2 BPSK	1	137	16.71			18.5	0.0	
100	PI2 BPSK	1	271	16.54					
100	PI2 BPSK	135	0	17.10				0.0	
100	PI2 BPSK	135	69	17.32			18.5	0.0	
100	PI2 BPSK	135	138	17.21					
100	PI2 BPSK	270	0	16.69			18.5	0.0	
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	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			18.5	0.0	
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									
Frequency (MHz)									
90	QPSK	1	123	3495	3000.01	3005.02	limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	17.10	16.97	16.78	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	17.13	16.91	16.77	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	17.10	17.02	16.80	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	17.11	17.07	16.85	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	17.05	17.03	16.84	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	17.12	16.99	16.93	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	16.96	16.86	16.74	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	16.95	16.84	16.83	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	16.91	16.80	16.87	18.5	0.0	

Part27Q 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									
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				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	13.85			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					
100	QPSK	135	0	13.10					
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									
Frequency (MHz)									
90	QPSK	1	123	3495	3000.01	3005.02	limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
80	QPSK	1	109	13.53	13.48	13.26	15.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	13.53	13.49	13.20	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.45	13.38	13.30	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.53	13.42	13.18	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.18	13.27	13.15	15.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	13.19	13.41	13.18	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.22	13.41	13.11	15.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	13.13	13.39	13.15	15.0	0.0	
Channel									
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								
Frequency (MHz)				1865	1880	1885		
30	P12 BPSK	1	1	19.52	19.58	19.48	21.5	0.0
30	P12 BPSK	1	80	19.89	19.83	19.75		
30	P12 BPSK	1	168	19.84	19.53	19.52		
30	P12 BPSK	80	0	19.01	19.16	19.07	21.5	0.0
30	P12 BPSK	80	40	19.58	19.66	19.68	21.5	0.0
30	P12 BPSK	80	80	19.08	19.12	18.80	21.5	0.0
30	P12 BPSK	160	0	19.16	19.22	18.98		
30	QPSK	1	1	19.87	19.74	19.37		
30	QPSK	1	80	19.55	19.56	19.61	21.5	0.0
30	QPSK	1	158	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	21.5	0.0
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	16QAM	1	1	19.31	19.37	19.48	21.5	0.0
30	256QAM	1	1	19.16	19.30	18.98	19.5	2.0
Channel								
Frequency (MHz)				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	1862.5	1880	1897.5	21.5	0.0
Channel								
Frequency (MHz)				1860	1880	1900	Tune-up limit (dBm)	MPR (dB)
20	P12 BPSK	1	1	19.72	19.80	19.68		
20	P12 BPSK	1	53	19.88	19.92	19.80	21.5	0.0
20	P12 BPSK	1	104	19.89	19.71	19.63		
20	P12 BPSK	50	0	19.20	19.38	19.34	21.5	0.0
20	P12 BPSK	50	28	19.79	19.79	19.74	21.5	0.0
20	P12 BPSK	50	56	19.12	19.22	19.03		
20	P12 BPSK	100	0	19.23	19.28	19.19	21.5	0.0
20	QPSK	1	1	19.76	19.91	19.81		
20	QPSK	1	53	19.73	19.83	19.83	21.5	0.0
20	QPSK	1	104	19.61	19.67	19.45		
20	QPSK	50	0	19.01	18.83	18.66	21.5	0.0
20	QPSK	50	28	19.88	20.06	19.80	21.5	0.0
20	QPSK	50	56	18.73	18.48	18.57	21.5	0.0
20	QPSK	100	0	18.84	18.90	18.85		
20	16QAM	1	1	19.49	19.55	19.77	21.5	0.0
20	64QAM	1	1	19.57	19.56	19.25	21.5	0.0
20	256QAM	1	1	19.29	19.37	19.14	19.5	2.0
Channel								
Frequency (MHz)				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
15	P12 BPSK	1	1	19.59	19.78	19.41	21.5	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	P12 BPSK	1	1	19.61	19.74	19.33	21.5	0.0
Channel								
Frequency (MHz)				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	P12 BPSK	1	1	19.87	19.82	19.28	21.5	0.0

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								
Frequency (MHz)				1870	1882.5	1885		
40	P12 BPSK	1	1	19.93	19.78	19.67	21.5	0.0
40	P12 BPSK	1	108	20.39	20.49	20.34		
40	P12 BPSK	1	214	20.05	19.91	19.74		
40	P12 BPSK	108	0	19.77	19.78	19.53	21.5	0.0
40	P12 BPSK	108	54	20.35	20.49	20.28	21.5	0.0
40	P12 BPSK	108	108	19.75	19.94	19.81		
40	P12 BPSK	216	0	19.80	19.96	19.72	21.5	0.0
40	QPSK	1	1	20.41	20.58	20.53		
40	QPSK	1	108	20.22	20.38	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	21.5	0.0
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	21.5	0.0
40	256QAM	1	1	19.15	19.43	19.18	19.5	2.0
Channel								
Frequency (MHz)				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	20.29	20.54	20.48	21.5	0.0
Channel								
Frequency (MHz)				1865	1882.5	1900	Tune-up limit (dBm)	MPR (dB)
25	QPSK	1	1	20.34	20.39	20.30	21.5	0.0
Channel								
Frequency (MHz)				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	20.38	20.40	20.41	21.5	0.0
Channel								
Frequency (MHz)				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	20.28	20.53	20.35	21.5	0.0
Channel								
Frequency (MHz)				1855	1882.5	1910	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	1	20.29	20.44	20.43	21.5	0.0
Channel								
Frequency (MHz)				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	20.31	20.49	20.37	21.5	0.0

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								
Frequency (MHz)				2310				
10	P12 BPSK	1	1			18.83		
10	P12 BPSK	1	26			18.84	21.0	0.0
10	P12 BPSK	1	53			18.83		
10	P12 BPSK	25	0			18.66	21.0	0.0
10	P12 BPSK	25	14			18.81	21.0	0.0
10	P12 BPSK	25	27			18.82	21.0	0.0
10	P12 BPSK	50	0			18.75		
10	QPSK	1	1			19.03		
10	QPSK	1	26			18.58	21.0	0.0
10	QPSK	1	50			18.76		
10	QPSK	25	0			18.65	21.0	0.0
10	QPSK	25	14			19.06	21.0	0.0
10	QPSK	25	27			18.81	21.0	0.0
10	QPSK	50	0			19.01		
10	16QAM	1	1			18.64	21.0	0.0
10	64QAM	1	1			18.73	21.0	0.0
10	256QAM	1	1			17.56	19.5	1.5
Channel								
Frequency (MHz)				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	18.71	18.82	18.83	21.0	0.0



n66 NSA DSI6 Ant0

BW [MHz]	Modulation	RB Size	RB Offset	Power	Power	Power	Tune-up limit	MPR
				Low Ch. / Freq.	Middle Ch. / Freq.	High Ch. / Freq.		
Channel				345000	349000	355000		
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	17.78	17.82	20.0	0.0
40	PI2 BPSK	108	54	17.99	18.15	18.07	20.0	0.0
40	PI2 BPSK	108	108	17.67	17.81	17.68		
40	PI2 BPSK	216	0	17.76	17.74	17.67	20.0	0.0
40	QPSK	1	1	18.01	18.10	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	20.0	0.0
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	17.78	17.82	17.82	20.0	0.0
40	8QAM	1	1	17.62	17.64	17.52	20.0	0.0
40	25QAM	1	1	17.56	17.67	17.65	19.5	0.5
Channel				345000	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)
30	QPSK	1	1	17.28	17.47	17.45	20.0	0.0
Channel				345500	349000	353000	Tune-up limit	MPR
Frequency (MHz)				1722.5	1745	1767.5	(dBm)	(dB)
25	QPSK	1	1	17.21	17.40	17.39	20.0	0.0
Channel				344000	349000	354000	Tune-up limit	MPR
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)
20	QPSK	1	1	17.30	17.37	17.47	20.0	0.0
Channel				343500	349000	354500	Tune-up limit	MPR
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)
15	QPSK	1	1	17.30	17.43	17.42	20.0	0.0
Channel				343000	349000	355000	Tune-up limit	MPR
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)
10	QPSK	1	1	17.22	17.43	17.43	20.0	0.0
Channel				342500	349000	355500	Tune-up limit	MPR
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)
5	QPSK	1	1	17.14	17.25	17.28	20.0	0.0



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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	23.74	23.88	23.75	24.5	0.0	
100	PI/2 BPSK	1	137	23.80	23.97	23.88			
100	PI/2 BPSK	1	271	23.74	23.95	23.64			
100	PI/2 BPSK	135	0	23.78	23.92	23.73	24.5	0.0	
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	24.5	0.0	
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	23.86	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	24.5	0.0	
100	QPSK	135	138	23.73	23.89	23.79	24.5	0.0	
100	QPSK	270	0	23.70	23.96	23.80			
100	16QAM	1	1	23.89	23.92	23.71	24.5	0.0	
100	64QAM	1	1	23.69	23.49	23.56	24.5	0.0	
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	2649.99	24.5	0.0	
80	QPSK	1	1	23.59	23.53	23.33	24.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	24.5	0.0	
70	QPSK	1	1	23.58	23.73	23.59	24.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	24.5	0.0	
60	QPSK	1	1	23.36	23.60	23.27	24.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	24.5	0.0	
50	QPSK	1	1	23.56	23.62	23.41	24.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	24.5	0.0	
40	QPSK	1	1	23.55	23.71	23.59	24.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	24.5	0.0	
30	QPSK	1	1	23.52	23.63	23.33	24.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	24.5	0.0	
20	QPSK	1	1	23.52	23.57	23.59	24.5	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	24.5	0.0	
15	QPSK	1	1	23.38	23.69	23.59	24.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	24.5	0.0	
10	QPSK	1	1	23.43	23.53	23.47	24.5	0.0	

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			
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	19.66	20.00	19.69	21.5	0.0	
100	PI/2 BPSK	1	137	19.74	19.86	19.72			
100	PI/2 BPSK	1	271	19.56	19.89	19.73			
100	PI/2 BPSK	135	0	19.83	19.92	19.73	21.5	0.0	
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	21.5	0.0	
100	PI/2 BPSK	270	0	19.56	19.73	19.65	21.5	0.0	
100	QPSK	1	1	20.09	20.11	20.01	21.5	0.0	
100	QPSK	1	137	20.12	18.85	18.99			
100	QPSK	1	271	19.17	19.31	19.11	21.5	0.0	
100	QPSK	135	0	19.07	19.17	19.09	21.5	0.0	
100	QPSK	135	69	19.96	20.12	19.98	21.5	0.0	
100	QPSK	135	138	19.09	19.01	19.01	21.5	0.0	
100	QPSK	270	0	19.05	19.57	19.06	21.5	0.0	
100	16QAM	1	1	19.05	19.07	19.10	21.5	0.0	
100	64QAM	1	1	15.78	15.99	15.92	21.5	0.0	
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	2649.99	21.5	0.0	
80	QPSK	1	1	19.71	19.89	19.67	21.5	0.0	
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655	21.5	0.0	
70	QPSK	1	1	19.74	19.81	19.70	21.5	0.0	
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98	21.5	0.0	
60	QPSK	1	1	19.72	19.81	19.75	21.5	0.0	
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99	21.5	0.0	
50	QPSK	1	1	19.62	19.80	19.68	21.5	0.0	
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670	21.5	0.0	
40	QPSK	1	1	19.63	19.77	19.74	21.5	0.0	
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98	21.5	0.0	
30	QPSK	1	1	19.69	19.81	19.81	21.5	0.0	
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99	21.5	0.0	
20	QPSK	1	1	19.65	19.87	19.76	21.5	0.0	
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48	21.5	0.0	
15	QPSK	1	1	19.59	19.78	19.65	21.5	0.0	
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685	21.5	0.0	
10	QPSK	1	1	19.67	19.81	19.63	21.5	0.0	



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								
Frequency (MHz)				1865	1880	1885		
30	P12 BPSK	1	1	18.12	18.35	18.11	19.5	0.0
30	P12 BPSK	1	80	18.18	18.44	18.15		
30	P12 BPSK	1	158	18.12	18.11	18.46		
30	P12 BPSK	80	0	17.84	17.82	17.86	19.5	0.0
30	P12 BPSK	80	40	18.28	18.23	18.51	19.5	0.0
30	P12 BPSK	80	80	17.79	17.75	17.55	19.5	0.0
30	P12 BPSK	160	0	17.84	17.78	17.86		
30	QPSK	1	1	18.21	18.48	18.24		
30	QPSK	1	80	18.28	18.47	18.17	19.5	0.0
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	18.30	19.5	0.0
30	QPSK	80	80	17.31	17.25	17.28	19.5	0.0
30	QPSK	160	0	17.14	17.58	17.12		
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								
Frequency (MHz)				372500	376000	379500	Tune-up limit (dBm)	MPR (dB)
25	P12 BPSK	1	1	17.98	18.33	17.89	19.5	0.0
Channel								
Frequency (MHz)				1860	1880	1890		
20	P12 BPSK	1	1	18.39	18.49	18.35		
20	P12 BPSK	1	53	18.43	18.63	18.47	19.5	0.0
20	P12 BPSK	1	104	18.23	18.40	18.38		
20	P12 BPSK	50	0	17.88	18.06	17.88	19.5	0.0
20	P12 BPSK	50	28	18.58	18.49	18.60	19.5	0.0
20	P12 BPSK	50	56	18.07	17.99	17.80	19.5	0.0
20	P12 BPSK	100	0	18.02	18.06	17.86		
20	QPSK	1	1	18.49	18.70	18.46		
20	QPSK	1	53	18.55	18.69	18.45	19.5	0.0
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		
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								
Frequency (MHz)				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
15	P12 BPSK	1	1	18.28	18.38	18.29	19.5	0.0
Channel								
Frequency (MHz)				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
10	P12 BPSK	1	1	18.37	18.47	18.33	19.5	0.0
Channel								
Frequency (MHz)				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
5	P12 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								
Frequency (MHz)				1870	1882.5	1885		
40	P12 BPSK	1	1	18.32	18.53	18.40		
40	P12 BPSK	1	108	18.88	19.01	18.99	19.5	0.0
40	P12 BPSK	1	214	18.43	18.52	18.39		
40	P12 BPSK	108	0	18.33	18.43	18.27	19.5	0.0
40	P12 BPSK	108	54	18.96	19.14	19.10	19.5	0.0
40	P12 BPSK	108	108	18.54	18.42	18.42	19.5	0.0
40	P12 BPSK	216	0	18.43	18.44	18.35		
40	QPSK	1	1	19.16	19.18	19.00		
40	QPSK	1	108	18.41	18.44	18.52	19.5	0.0
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	17.84	19.5	0.0
40	QPSK	216	0	18.07	18.19	18.15		
40	16QAM	1	1	18.04	17.58	18.07	19.5	0.0
40	64QAM	1	1	17.82	17.96	17.71	19.5	0.0
40	256QAM	1	1	17.76	17.82	17.73	19.5	0.0
Channel								
Frequency (MHz)				373000	376500	380000	Tune-up limit (dBm)	MPR (dB)
30	QPSK	1	1	19.02	19.03	18.86	19.5	0.0
Channel								
Frequency (MHz)				1865	1882.5	1890		
25	QPSK	1	1	19.00	18.88	18.71	19.5	0.0
Channel								
Frequency (MHz)				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
20	QPSK	1	1	18.94	18.95	18.73	19.5	0.0
Channel								
Frequency (MHz)				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	1	18.53	19.04	18.86	19.5	0.0
Channel								
Frequency (MHz)				1855	1882.5	1910		
10	QPSK	1	1	18.96	19.04	18.69	19.5	0.0
Channel								
Frequency (MHz)				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	1	18.53	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								
Frequency (MHz)				462000				
10	P12 BPSK	1	1			16.75		
10	P12 BPSK	1	26			16.99	18.0	0.0
10	P12 BPSK	1	53			16.91		
10	P12 BPSK	25	0			16.85	18.0	0.0
10	P12 BPSK	25	14			17.01	18.0	0.0
10	P12 BPSK	25	27			17.02	18.0	0.0
10	P12 BPSK	50	0			16.94		
10	QPSK	1	1			17.10		
10	QPSK	1	26			16.96	18.0	0.0
10	QPSK	1	50			16.88		
10	QPSK	25	0			16.81	18.0	0.0
10	QPSK	25	14			17.12	18.0	0.0
10	QPSK	25	27			16.98		
10	QPSK	50	0			17.07	18.0	0.0
10	16QAM	1	1			17.01	18.0	0.0
10	64QAM	1	1			16.89	18.0	0.0
10	256QAM	1	1			16.91	18.0	0.0
Channel								
Frequency (MHz)				461500	462000	462500	Tune-up limit (dBm)	MPR (dB)
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.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				345000	349000	353000		
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	21.0	0.0
40	PI2 BPSK	216	0	19.96	19.92	19.76		
40	QPSK	1	1	20.20	20.26	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	20.29	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	19.37	21.0	0.0
40	256QAM	1	1	17.51	17.57	17.33	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		
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		
100	PI/2 BPSK	135	0	20.34	20.43	20.34	21.5	0.0
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		
100	QPSK	1	137	19.78	19.77	19.71	21.5	0.0
100	QPSK	1	271	19.98	19.95	19.99		
100	QPSK	135	0	20.45	20.51	20.38	21.5	0.0
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	529988	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				508202	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	532988	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	535988	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									
Frequency (MHz)									
100	PI2 BPSK	1	1	18.34	18.67	18.36	limit	19.5	0.0
100	PI2 BPSK	1	137	17.64	17.87	17.52	limit	19.5	0.0
100	PI2 BPSK	1	271	18.19	18.49	18.11	limit	19.5	0.0
100	PI2 BPSK	135	0	18.57	18.50	18.36	limit	19.5	0.0
100	PI2 BPSK	135	69	18.37	18.63	18.41	limit	19.5	0.0
100	PI2 BPSK	135	138	18.43	18.33	18.33	limit	19.5	0.0
100	PI2 BPSK	270	0	17.75	17.81	17.55	limit	19.5	0.0
100	QPSK	1	1	18.49	18.72	18.49	limit	19.5	0.0
100	QPSK	1	137	17.98	17.99	17.75	limit	19.5	0.0
100	QPSK	1	271	18.47	18.59	18.41	limit	19.5	0.0
100	QPSK	135	0	18.51	18.66	18.46	limit	19.5	0.0
100	QPSK	135	69	18.56	18.84	18.48	limit	19.5	0.0
100	QPSK	135	138	18.01	18.11	17.86	limit	19.5	0.0
100	QPSK	270	0	17.84	18.07	17.79	limit	19.5	0.0
100	16QAM	1	1	18.59	18.63	18.38	limit	19.5	0.0
100	16QAM	1	1	18.74	18.77	18.40	limit	19.5	0.0
100	256QAM	1	1	18.00	18.16	18.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	123	3745.02	3840	3935.01	limit	19.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3840	3940.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	3730.02	3840	3935.01	limit	19.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	3710.01	3840	3930.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	53	3690.01	3840	3910.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	26	3710.01	3840	3970.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	19	3707.52	3840	3972.51	limit	19.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	12	3705	3840	3975	limit	19.5	0.0

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									
Frequency (MHz)									
100	PI2 BPSK	1	1	16.31	16.43	16.59	18.0	0.0	
100	PI2 BPSK	1	137	16.95	17.18	17.09	18.0	0.0	
100	PI2 BPSK	1	271	16.43	16.43	16.24	18.0	0.0	
100	PI2 BPSK	135	0	16.77	16.88	16.68	18.0	0.0	
100	PI2 BPSK	135	69	17.16	17.40	17.09	18.0	0.0	
100	PI2 BPSK	135	138	16.57	17.03	16.54	18.0	0.0	
100	PI2 BPSK	270	0	16.83	17.21	17.06	18.0	0.0	
100	QPSK	1	1	17.12	17.25	17.04	18.0	0.0	
100	QPSK	1	137	17.08	17.10	16.75	18.0	0.0	
100	QPSK	1	271	16.64	16.92	16.45	18.0	0.0	
100	QPSK	135	0	16.12	16.25	15.88	18.0	0.0	
100	QPSK	135	69	17.28	17.47	17.26	18.0	0.0	
100	QPSK	135	138	16.00	16.02	16.01	18.0	0.0	
100	QPSK	270	0	15.97	16.27	15.87	18.0	0.0	
100	16QAM	1	1	16.09	16.35	16.24	18.0	0.0	
100	16QAM	1	1	16.69	17.08	16.66	18.0	0.0	
100	256QAM	1	1	16.38	16.22	16.16	18.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	123	3745.02	3840	3935.01	limit	18.0	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	109	3740.01	3840	3940.02	limit	18.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	3730.02	3840	3935.01	limit	18.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	3710.01	3840	3930.02	limit	18.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	53	3690.01	3840	3910.02	limit	18.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	26	3710.01	3840	3970.02	limit	18.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	19	3707.52	3840	3972.51	limit	18.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	12	3705	3840	3975	limit	18.0	0.0

Part27Q 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									
Frequency (MHz)									
100	PI2 BPSK	1	1		3500.01		limit	19.5	0.0
100	PI2 BPSK	1	137		3500.01		limit	19.5	0.0
100	PI2 BPSK	1	271		3500.01		limit	19.5	0.0
100	PI2 BPSK	135	0		3500.01		limit	19.5	0.0
100	PI2 BPSK	135	69		3500.01		limit	19.5	0.0
100	PI2 BPSK	135	138		3500.01		limit	19.5	0.0
100	PI2 BPSK	270	0		3500.01		limit	19.5	0.0
100	QPSK	1	1		3500.01		limit	19.5	0.0
100	QPSK	1	137		3500.01		limit	19.5	0.0
100	QPSK	1	271		3500.01		limit	19.5	0.0
100	QPSK	135	0		3500.01		limit	19.5	0.0
100	QPSK	135	69		3500.01		limit	19.5	0.0
100	QPSK	135	138		3500.01		limit	19.5	0.0
100	QPSK	270	0		3500.01		limit	19.5	0.0
100	16QAM	1	1		3500.01		limit	19.5	0.0
100	16QAM	1	1		3500.01		limit	19.5	0.0
100	256QAM	1	1		3500.01		limit	19.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	123	3495	3500.01	3505.02	limit	19.5	0.0
Channel									
Frequency (MHz)									
80	QPSK	1	109	3490.02	3500.01	3510	limit	19.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	3480.02	3500.01	3510	limit	19.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	3475.02	3500.01	3520	limit	19.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	53	3470.02	3500.01	3530	limit	19.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	26	3465.02	3500.01	3540	limit	19.5	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	19	3460.02	3500.01	3550	limit	19.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	12	3455.02	3500.01	3560	limit	19.5	0.0



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								
Frequency (MHz)								
100	PI2 BPSK	1	1	3500.01				
100	PI2 BPSK	1	137	16.71			18.0	0.0
100	PI2 BPSK	1	271	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			18.0	0.0
100	QPSK	1	1	17.46			18.0	0.0
100	QPSK	1	137	17.00				
100	QPSK	1	271	16.83			18.0	0.0
100	QPSK	135	0	16.44				
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			18.0	0.0
100	16QAM	1	1	16.83			18.0	0.0
100	16QAM	1	1	16.80			18.0	0.0
100	256QAM	1	1	16.74			18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	3465	3500.01	3505.02	limit	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	17.27	17.02	17.10	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	17.07	16.98	17.05	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	17.09	16.90	17.12	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	17.15	16.98	17.10	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	17.14	16.99	17.03	18.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	19	17.24	17.01	17.13	18.0	0.0
Channel								
Frequency (MHz)								
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								
Frequency (MHz)								
100	PI2 BPSK	1	1	3750	3750	3750		
100	PI2 BPSK	1	137	18.22				
100	PI2 BPSK	1	137	17.03			19.5	0.0
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			19.5	0.0
100	QPSK	1	1	18.57				
100	QPSK	1	137	18.12				
100	QPSK	1	271	17.80			19.5	0.0
100	QPSK	135	0	16.46			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			19.5	0.0
100	16QAM	1	1	18.11			19.5	0.0
100	16QAM	1	1	17.49			19.5	0.0
100	256QAM	1	1	17.25			19.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	3745.02	3750	3755.01	limit	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	18.32	18.36	18.10	19.5	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	95	18.26	18.41	18.14	19.5	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	18.29	18.29	18.24	19.5	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	18.33	18.40	18.29	19.5	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	18.14	18.35	18.19	19.5	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	18.23	18.30	18.28	19.5	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	18.14	18.36	18.28	19.5	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	19	18.12	18.41	18.11	19.5	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	12	18.13	18.29	18.14	19.5	0.0

Part27O 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								
Frequency (MHz)								
100	PI2 BPSK	1	1	3750	3750	3750		
100	PI2 BPSK	1	137	18.43			18.0	0.0
100	PI2 BPSK	1	137	17.25				
100	PI2 BPSK	1	271	18.58				
100	PI2 BPSK	135	0	17.11			18.0	0.0
100	PI2 BPSK	135	69	17.11			18.0	0.0
100	PI2 BPSK	135	138	17.25			18.0	0.0
100	PI2 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				
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	16QAM	1	1	16.20			18.0	0.0
100	256QAM	1	1	16.40			18.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	123	3745.02	3750	3755.01	limit	MPR (dB)
Channel								
Frequency (MHz)								
80	QPSK	1	109	18.41	18.44	18.10	18.0	0.0
Channel								
Frequency (MHz)								
70	QPSK	1	95	18.37	17.06	19.92	18.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	18.37	18.05	20.06	18.0	0.0
Channel								
Frequency (MHz)								
50	QPSK	1	67	18.34	18.92	20.01	18.0	0.0
Channel								
Frequency (MHz)								
40	QPSK	1	53	18.21	18.88	19.93	18.0	0.0
Channel								
Frequency (MHz)								
30	QPSK	1	39	18.23	18.83	19.94	18.0	0.0
Channel								
Frequency (MHz)								
20	QPSK	1	26	18.36	18.96	19.92	18.0	0.0
Channel								
Frequency (MHz)								
15	QPSK	1	19	18.39	19.89	19.95	18.0	0.0
Channel								
Frequency (MHz)								
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									
Frequency (MHz)									
100	PV2 BPSK	1	1		3500.01				
100	PV2 BPSK	1	137		17.54				
100	PV2 BPSK	1	271		17.83		19.5	0.0	
100	PV2 BPSK	135	0		17.73				
100	PV2 BPSK	135	69		18.06		19.5	0.0	
100	PV2 BPSK	135	138		18.36				
100	PV2 BPSK	270	0		18.16		19.5	0.0	
100	QPSK	1	1		17.95				
100	QPSK	1	137		18.38		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		16.94		19.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	633000	3495	3500.01	3505.02	limit	MPR (dB)
Channel									
Frequency (MHz)									
80	QPSK	1	109	632668	3490.02	3500.01	3510	limit	MPR (dB)
Channel									
Frequency (MHz)									
70	QPSK	1	95	632334	18.00	18.26	17.90	19.5	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	632000	17.58	18.11	17.88	19.5	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	631668	17.98	18.14	17.76	19.5	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	53	631334	17.98	18.24	17.79	19.5	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	39	630999	18.06	18.15	17.84	19.5	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	26	630668	17.97	18.11	17.94	19.5	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	19	630334	18.09	18.15	17.83	19.5	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	12	630000	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									
Frequency (MHz)									
100	PV2 BPSK	1	1		3500.01				
100	PV2 BPSK	1	137		16.57				
100	PV2 BPSK	1	271		17.06		18.0	0.0	
100	PV2 BPSK	135	0		18.50				
100	PV2 BPSK	135	69		17.00		18.0	0.0	
100	PV2 BPSK	135	138		16.96		18.0	0.0	
100	PV2 BPSK	270	0		18.92		18.0	0.0	
100	QPSK	1	1		16.76		18.0	0.0	
100	QPSK	1	137		18.86		18.0	0.0	
100	QPSK	1	271		16.28				
100	QPSK	135	0		16.23		18.0	0.0	
100	QPSK	135	69		17.10				
100	QPSK	135	138		17.23		18.0	0.0	
100	QPSK	270	0		16.75		18.0	0.0	
100	16QAM	1	1		18.60		18.0	0.0	
100	64QAM	1	1		18.83		18.0	0.0	
100	256QAM	1	1		18.09		18.0	0.0	
100	256QAM	1	1		16.16		18.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	633000	3495	3500.01	3505.02	limit	MPR (dB)
Channel									
Frequency (MHz)									
80	QPSK	1	109	632668	3490.02	3500.01	3510	limit	MPR (dB)
Channel									
Frequency (MHz)									
70	QPSK	1	95	632334	18.62	18.45	18.64	18.0	0.0
Channel									
Frequency (MHz)									
60	QPSK	1	81	632000	18.42	18.26	18.51	18.0	0.0
Channel									
Frequency (MHz)									
50	QPSK	1	67	631668	18.00	18.34	18.64	18.0	0.0
Channel									
Frequency (MHz)									
40	QPSK	1	53	631334	18.09	18.36	18.55	18.0	0.0
Channel									
Frequency (MHz)									
30	QPSK	1	39	630999	18.55	18.43	18.55	18.0	0.0
Channel									
Frequency (MHz)									
20	QPSK	1	26	630668	18.09	18.34	18.68	18.0	0.0
Channel									
Frequency (MHz)									
15	QPSK	1	19	630334	18.52	18.40	18.47	18.0	0.0
Channel									
Frequency (MHz)									
10	QPSK	1	12	630000	18.46	18.44	18.53	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								
Frequency (MHz)				1865	1880	1885		
30	P12 BPSK	1	1	15.96	16.04	15.77		
30	P12 BPSK	1	80	16.04	15.98	15.84		0.0
30	P12 BPSK	1	158	15.72	15.84	15.81		0.0
30	P12 BPSK	80	0	15.90	15.73	15.64	17.0	0.0
30	P12 BPSK	80	40	15.88	16.04	15.81	17.0	0.0
30	P12 BPSK	80	80	15.23	15.45	15.42	17.0	0.0
30	P12 BPSK	160	0	15.37	15.39	15.32		
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	158	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	17.0	0.0
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	16QAM	1	1	15.22	15.16	15.33	17.0	0.0
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		
25	P12 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		
20	P12 BPSK	1	1	16.07	16.25	16.01		
20	P12 BPSK	1	53	16.19	16.29	16.12	17.0	0.0
20	P12 BPSK	1	104	15.91	16.15	16.05		
20	P12 BPSK	50	0	15.75	15.90	15.78	17.0	0.0
20	P12 BPSK	50	26	16.12	16.18	16.10	17.0	0.0
20	P12 BPSK	50	56	15.44	15.62	15.66	17.0	0.0
20	P12 BPSK	100	0	15.48	15.65	15.56		
20	QPSK	1	1	16.20	16.35	16.15		
20	QPSK	1	53	16.29	16.29	16.25	17.0	0.0
20	QPSK	1	104	16.11	16.00	15.93		
20	QPSK	50	0	15.25	15.18	15.30	17.0	0.0
20	QPSK	50	26	16.20	16.45	16.20	17.0	0.0
20	QPSK	50	56	15.29	15.30	15.35	17.0	0.0
20	QPSK	100	0	15.25	15.32	15.22		
20	16QAM	1	1	15.33	15.32	15.44	17.0	0.0
20	16QAM	1	1	15.31	15.25	15.33	17.0	0.0
20	256QAM	1	1	15.30	15.27	15.27	17.0	0.0
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1867.5	1880	1902.5		
15	P12 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)				1865	1880	1895		
10	P12 BPSK	1	1	16.10	16.25	16.02	17.0	0.0
Channel							Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1880	1907.5		
5	P12 BPSK	1	1	16.00	16.10	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								
Frequency (MHz)				167300				
25	P12 BPSK	1	1	15.96	16.04	15.77		
25	P12 BPSK	1	67	20.23	20.23	20.05	21.5	0.0
25	P12 BPSK	1	131	20.05	20.05	20.12		
25	P12 BPSK	64	0	19.58	19.58	19.42	21.5	0.0
25	P12 BPSK	64	32	20.30	20.30	20.10	21.5	0.0
25	P12 BPSK	64	64	19.66	19.66	19.72	21.5	0.0
25	P12 BPSK	128	0	20.45	20.45	20.45		
25	QPSK	1	1	20.35	20.35	20.35	21.5	0.0
25	QPSK	1	67	20.35	20.35	20.10		
25	QPSK	1	131	20.10	20.10	20.10		
25	QPSK	64	0	19.62	19.62	19.62	21.5	0.0
25	QPSK	64	32	20.51	20.51	20.51	21.5	0.0
25	QPSK	64	64	19.69	19.69	19.78	21.5	0.0
25	QPSK	128	0	19.78	19.78	19.78		
25	16QAM	1	1	20.24	20.24	20.24	21.5	0.0
25	16QAM	1	1	20.36	20.36	20.36	21.5	0.0
25	256QAM	1	1	19.34	19.34	19.34	18.5	2.0
Channel				166800	167300	167800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				834	836.5	839		
20	QPSK	1	1	20.31	20.41	20.27	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	QPSK	1	1	20.03	20.45	20.14	21.5	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				839	836.5	844		
10	QPSK	1	1	20.32	20.29	20.19	21.5	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
5	QPSK	1	1	20.17	20.41	20.12	21.5	0.0

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								
Frequency (MHz)				1870	1862.5	1865		
40	P12 BPSK	1	1	15.44	15.55	15.38		
40	P12 BPSK	1	108	16.03	15.83	16.13	17.0	0.0
40	P12 BPSK	1	214	15.44	15.84	15.39		
40	P12 BPSK	108	0	15.42	15.36	15.28	17.0	0.0
40	P12 BPSK	108	54	15.97	15.58	16.11	17.0	0.0
40	P12 BPSK	108	108	15.40	15.47	15.73	17.0	0.0
40	P12 BPSK	216	0	15.36	15.55	15.45		
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	15.44	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	17.0	0.0
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	16QAM	1	1	16.00	15.71	16.11	17.0	0.0
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	1862.5	1900		
30	QPSK	1	1	15.23	15.81	15.44	17.0	0.0
Channel				372500	376500	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1862.5	1862.5	1902.5		
25	QPSK	1	1	15.15	15.84	15.42	17.0	0.0
Channel				372000	376500	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1860	1862.5	1905		
20	QPSK	1	1	15.36	15.87	15.57	17.0	0.0
Channel				371500	376500	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1862.5	1907.5		
15	QPSK	1	1	15.33	15.77	15.52	17.0	0.0
Channel				371000	376500	382000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1862.5	1910		
10	QPSK	1	1	15.20	15.71	15.62	17.0	0.0
Channel				370500	376500	382500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1862.5	1912.5		
5	QPSK	1	1	15.14	15.74	15.54	17.0	0.0



n30 NSA DSI2 Ant1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	MPR (dB)
Channel				462000	462000		
Frequency (MHz)				2310			
10	PI2 BPSK	1	1	14.78			
10	PI2 BPSK	1	26	14.73			
10	PI2 BPSK	1	50	14.70			16.0
10	PI2 BPSK	25	0	14.24			0.0
10	PI2 BPSK	25	14	14.70			0.0
10	PI2 BPSK	25	27	14.41			0.0
10	PI2 BPSK	50	0	14.25			16.0
10	QPSK	1	1	14.83			
10	QPSK	1	26	14.74			16.0
10	QPSK	1	50	14.81			
10	QPSK	25	0	14.52			0.0
10	QPSK	25	14	14.85			0.0
10	QPSK	25	27	14.18			0.0
10	QPSK	50	0	14.80			16.0
10	16QAM	1	1	14.45			0.0
10	64QAM	1	1	14.22			0.0
10	256QAM	1	1	14.39			0.0
Channel				461500	462000	462500	
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	1	14.74	14.51	14.63	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.	MPR (dB)
Channel				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	
40	PI2 BPSK	1	214	14.87	15.01	14.86	17.5
40	PI2 BPSK	108	0	15.04	14.99	14.84	0.0
40	PI2 BPSK	108	54	15.60	15.65	15.35	0.0
40	PI2 BPSK	108	108	14.94	15.08	15.04	17.5
40	PI2 BPSK	216	0	15.04	15.23	14.83	0.0
40	QPSK	1	1	15.02	15.69	15.00	
40	QPSK	1	108	14.86	15.09	15.03	17.5
40	QPSK	1	214	15.07	15.18	14.73	
40	QPSK	108	0	15.58	15.57	15.44	0.0
40	QPSK	108	54	15.49	15.72	15.67	0.0
40	QPSK	108	108	15.42	15.61	15.60	17.5
40	QPSK	216	0	14.84	15.51	15.01	0.0
40	16QAM	1	1	14.96	15.00	14.71	0.0
40	64QAM	1	1	15.49	15.52	15.36	0.0
40	256QAM	1	1	14.82	15.04	14.99	0.0
Channel				345000	349000	353000	
Frequency (MHz)				1725	1745	1765	
30	QPSK	1	1	15.55	15.86	15.62	0.0
Channel				343500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	QPSK	1	1	15.40	15.64	15.63	0.0
Channel				343000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	1	15.36	15.65	15.54	0.0
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	1	15.55	15.85	15.64	0.0
Channel				342000	349000	353500	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	1	15.55	15.66	15.65	0.0
Channel				342500	349000	355000	
Frequency (MHz)				1722.5	1745	1777.5	
5	QPSK	1	1	15.42	15.59	15.42	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		
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		
100	PI/2 BPSK	135	0	16.33	16.54	16.37	18.0	0.0
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	16.66		
100	QPSK	1	137	15.64	15.59	15.57	18.0	0.0
100	QPSK	1	271	15.81	15.84	15.61		
100	QPSK	135	0	15.81	16.03	15.76	18.0	0.0
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	529988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	QPSK	1	1	16.56	16.85	16.68	18.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	QPSK	1	1	16.30	16.62	16.40	18.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	QPSK	1	1	16.53	16.48	16.40	18.0	0.0
Channel				504204	518598	532988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	QPSK	1	1	16.30	16.86	16.52	18.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	QPSK	1	1	16.44	16.34	16.29	18.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	QPSK	1	1	16.23	16.23	16.42	18.0	0.0
Channel				501204	518598	535988	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	QPSK	1	1	16.28	16.53	16.15	18.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	QPSK	1	1	16.04	16.43	16.42	18.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	QPSK	1	1	16.69	16.94	16.81	18.0	0.0



Par270 n77 PC2&3 SA DSII2 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	Pi2 BPSK	1	1	17.20	17.62	17.20	18.5	0.0
100	Pi2 BPSK	1	137	18.76	18.89	18.53		
100	Pi2 BPSK	1	271	17.24	17.35	17.08		
100	Pi2 BPSK	135	0	17.20	17.20	17.20	18.5	0.0
100	Pi2 BPSK	135	69	17.38	17.76	17.37	18.5	0.0
100	Pi2 BPSK	135	138	17.33	17.35	17.29	18.5	0.0
100	Pi2 BPSK	270	0	18.75	18.75	18.50		
100	QPSK	1	1	17.25	17.25	17.27		
100	QPSK	1	137	18.88	17.20	18.74	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	17.58	17.47	18.5	0.0
100	QPSK	135	138	18.59	17.05	18.67	18.5	0.0
100	QPSK	270	0	18.99	17.05	18.87		
100	16QAM	1	1	17.82	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	18.94	17.22	17.02	18.5	0.0
Channel								
Frequency (MHz)								
90	QPSK	1	123	17.20	17.20	17.24	18.5	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	17.21	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	17.82	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 DSII2 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	Pi2 BPSK	1	1	13.70	13.54	13.28	15.0	0.0
100	Pi2 BPSK	1	137	13.37	14.20	14.00		
100	Pi2 BPSK	1	271	13.40	13.44	13.21	15.0	0.0
100	Pi2 BPSK	135	0	13.73	13.82	13.62		
100	Pi2 BPSK	135	69	14.15	14.42	13.88	15.0	0.0
100	Pi2 BPSK	135	138	13.57	13.91	13.49	15.0	0.0
100	Pi2 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	13.84	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	13.04	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	13.23	15.0	0.0
Channel								
Frequency (MHz)								
80	QPSK	1	109	14.02	14.20	13.68	15.0	0.0
Channel								
Frequency (MHz)								
60	QPSK	1	81	13.96	14.39	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	13.68	15.0	0.0
Channel								
Frequency (MHz)								
10	QPSK	1	12	13.88	14.17	13.79	15.0	0.0

Part27Q n77 PC2&3 SA DSII2 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	Pi2 BPSK	1	1			3300.01				
100	Pi2 BPSK	1	137			633334	18.5	0.0		
100	Pi2 BPSK	1	271			16.53				
100	Pi2 BPSK	135	0			18.74				
100	Pi2 BPSK	135	69			17.05	18.5	0.0		
100	Pi2 BPSK	135	138			18.76				
100	Pi2 BPSK	270	0			13.84	18.5	0.0		
100	QPSK	1	1			17.01				
100	QPSK	1	137			18.71	18.5	0.0		
100	QPSK	1	271			16.54				
100	QPSK	135	0			18.85				
100	QPSK	135	69			17.65	18.5	0.0		
100	QPSK	135	138			18.83				
100	QPSK	270	0			13.69	18.5	0.0		
100	16QAM	1	1			18.62	18.5	0.0		
100	16QAM	1	1			18.65	18.5	0.0		
100	256QAM	1	1			13.64	18.5	0.0		
Channel										
Frequency (MHz)										
90	QPSK	1	123			3300.02	18.5	0.0		
Channel										
Frequency (MHz)										
80	QPSK	1	109			17.40	18.5	0.0		
Channel										
Frequency (MHz)										
60	QPSK	1	81			17.33	17.10	18.5	0.0	
Channel										
Frequency (MHz)										
50	QPSK	1	67			17.32	17.62	17.09	18.5	0.0
Channel										
Frequency (MHz)										
40	QPSK	1	53			17.17	17.47	17.15	18.5	0.0
Channel										
Frequency (MHz)										
20	QPSK	1	26			17.33	17.35	17.29	18.5	0.0
Channel										
Frequency (MHz)										
15	QPSK	1	19			17.23	17.47	17.14	18.5	0.0
Channel										
Frequency (MHz)										
10	QPSK	1	12			17.38	17.43	17.25	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	Pi2 BPSK	1	1	320.01			15.0	0.0	
100	Pi2 BPSK	1	137	13.50			15.0	0.0	
100	Pi2 BPSK	1	271	13.75			15.0	0.0	
100	Pi2 BPSK	135	6	13.34			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			15.0	0.0	
100	QPSK	1	271	13.79			15.0	0.0	
100	QPSK	135	6	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									
Frequency (MHz)									
90	QPSK	1	123	14.05	14.20	14.05	15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	109	13.74	14.09	13.78	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.94	13.94	13.79	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.84	14.05	13.84	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.59	13.74	13.69	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.55	13.69	13.67	15.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	13.59	13.82	13.80	15.0	0.0	
Channel									
Frequency (MHz)									
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	Pi2 BPSK	1	1	3750	3750	3750			
100	Pi2 BPSK	1	137	17.51	16.62		18.5	0.0	
100	Pi2 BPSK	1	271	17.27			18.5	0.0	
100	Pi2 BPSK	135	9	17.28			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	17.59			18.5	0.0	
100	QPSK	1	1	17.54			18.5	0.0	
100	QPSK	1	137	16.76			18.5	0.0	
100	QPSK	1	271	17.51			18.5	0.0	
100	QPSK	135	9	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	17.83			18.5	0.0	
100	16QAM	1	1	17.23			18.5	0.0	
100	64QAM	1	1	17.63			18.5	0.0	
100	256QAM	1	1	17.63			18.5	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	17.69	17.42	17.68	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	17.40	17.42	17.40	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	17.12	17.24	17.15	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	17.14	17.35	17.23	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	17.17	17.45	17.22	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	17.33	17.35	17.29	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	17.80	17.32	17.17	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	17.12	17.24	17.15	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	17.12	17.40	17.15	18.5	0.0	
Channel									
Frequency (MHz)									
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	Pi2 BPSK	1	1	3750	3750	3750			
100	Pi2 BPSK	1	137	13.44	14.68		15.0	0.0	
100	Pi2 BPSK	1	271	13.34			15.0	0.0	
100	Pi2 BPSK	135	9	13.66			15.0	0.0	
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	13.84			15.0	0.0	
100	QPSK	1	1	14.03			15.0	0.0	
100	QPSK	1	137	13.84			15.0	0.0	
100	QPSK	1	271	13.68			15.0	0.0	
100	QPSK	135	9	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									
Frequency (MHz)									
90	QPSK	1	123	13.69	13.48	13.63	18.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	13.63	13.40	13.42	18.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	13.70	13.48	13.56	18.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.61	13.72	13.43	18.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.56	13.64	13.41	18.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.44	13.63	13.28	18.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	13.42	13.57	13.35	18.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	26	13.57	13.73	13.27	18.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	13.58	13.70	13.46	18.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	13.54	13.65	13.30	18.0	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)									
100	PI2 BPSK	1	1	16.85			18.5	0.0	
100	PI2 BPSK	1	137	16.71					
100	PI2 BPSK	1	271	16.54					
100	PI2 BPSK	135	0	17.10					
100	PI2 BPSK	135	69	17.32			18.5	0.0	
100	PI2 BPSK	135	138	17.21					
100	PI2 BPSK	270	0	16.99			18.5	0.0	
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	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			18.5	0.0	
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									
Frequency (MHz)									
90	QPSK	1	123	15.91	17.09	16.79	18.5	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	17.10	16.97	16.78	18.5	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	17.13	16.91	16.77	18.5	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	17.10	17.02	16.80	18.5	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	17.11	17.07	16.85	18.5	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	17.05	17.03	16.94	18.5	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	17.12	16.99	16.93	18.5	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	25	16.96	16.86	16.74	18.5	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	16.98	16.94	16.83	18.5	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	15.91	16.99	16.97	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)									
100	PI2 BPSK	1	1	13.43			15.0	0.0	
100	PI2 BPSK	1	137	13.96					
100	PI2 BPSK	1	271	13.47			15.0	0.0	
100	PI2 BPSK	135	0	13.98					
100	PI2 BPSK	135	69	13.88			15.0	0.0	
100	PI2 BPSK	135	138	13.96			15.0	0.0	
100	PI2 BPSK	270	0	13.87			15.0	0.0	
100	QPSK	1	1	13.54			15.0	0.0	
100	QPSK	1	137	13.91					
100	QPSK	1	271	13.34			15.0	0.0	
100	QPSK	135	0	14.02					
100	QPSK	135	69	14.14			15.0	0.0	
100	QPSK	135	138	13.87			15.0	0.0	
100	QPSK	270	0	13.66			15.0	0.0	
100	16QAM	1	1	13.75			15.0	0.0	
100	16QAM	1	1	13.03			15.0	0.0	
100	256QAM	1	1	13.27			15.0	0.0	
Channel									
Frequency (MHz)									
90	QPSK	1	123	13.42	13.73	13.74	15.0	0.0	
Channel									
Frequency (MHz)									
80	QPSK	1	109	13.42	13.65	13.67	15.0	0.0	
Channel									
Frequency (MHz)									
70	QPSK	1	95	13.25	13.60	13.60	15.0	0.0	
Channel									
Frequency (MHz)									
60	QPSK	1	81	13.45	13.82	13.80	15.0	0.0	
Channel									
Frequency (MHz)									
50	QPSK	1	67	13.53	13.73	13.70	15.0	0.0	
Channel									
Frequency (MHz)									
40	QPSK	1	53	13.34	13.66	13.59	15.0	0.0	
Channel									
Frequency (MHz)									
30	QPSK	1	39	13.35	13.83	13.80	15.0	0.0	
Channel									
Frequency (MHz)									
20	QPSK	1	25	13.44	13.84	13.71	15.0	0.0	
Channel									
Frequency (MHz)									
15	QPSK	1	19	13.35	13.78	13.73	15.0	0.0	
Channel									
Frequency (MHz)									
10	QPSK	1	12	13.34	13.72	13.60	15.0	0.0	



WLAN/Bluetooth Power

Mode	Channel	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		Duty Cycle %
		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	Average power (dBm)	
802.11a 6Mbps	1	2412	21.25	23.0	12.80	14.5	9.01	10.5	11.0	18.28	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	9.66	11.0	18.36	20.0	10.51	12.0	16.37	18.0		
802.11a 6Mbps	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	18.0		97.46
	6	2412	18.27	20.0	12.80	14.5		10.5		11.0		20.0		12.0		18.0		
802.11n HT20 MCS0	11	2462	18.23	20.0	12.82	14.5		10.5		11.0		20.0		12.0		18.0		97.28
	1	2412	17.48	19.0	12.85	14.5		10.5		11.0		19.0		12.0		18.0		
802.11n HT40 MCS0	6	2437	19.18	20.5	13.30	14.5		10.5		11.0		20.0		12.0		18.0		94.92
	11	2462	17.44	19.0	12.90	14.5		10.5		11.0		19.0		12.0		18.0		
	3	2422	14.99	16.5	13.02	14.5		10.5		11.0		16.5		12.0		16.5		
	6	2437	19.13	20.5	13.12	14.5		10.5		11.0		20.0		12.0		18.0		
	9	2452	16.37	17.0	12.75	14.5		10.5		11.0		17.0		12.0		17.0		

Mode	Channel	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		Duty Cycle %
		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	Average power (dBm)	
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		
802.11n HT40 MCS0	44	5220	19.14	20.5		17.5		10.0		7.5		13.5		6.0		13.0		94.68
	48	5240	19.07	20.5		17.5		10.0		7.5		13.5		6.0		13.0		
802.11ac VHT20 MCS0	36	5180	18.25	20.0		17.5		10.0		7.5		13.5		6.0		13.0		97.31
	40	5200	18.20	20.0		17.5		10.0		7.5		13.5		6.0		13.0		
802.11ac VHT40 MCS0	44	5220	18.26	20.0		17.5		10.0		7.5		13.5		6.0		13.0		94.74
	48	5240	18.23	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	

Mode	Channel	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		Duty Cycle %
		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	Average power (dBm)	
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		20.0		11.5		97.28
	56	5280	19.08	20.5		17.5		10.0		13.5		6.0		20.0		11.5		
802.11n HT40 MCS0	60	5300	19.04	20.5		17.5		10.0		13.5		6.0		20.0		11.5		94.68
	64	5320	17.43	19.0		17.5		10.0		13.5		6.0		19.0		11.5		
802.11ac VHT20 MCS0	52	5260	18.16	20.0		17.5		10.0		13.5		6.0		14.70		16.0		97.31
	56	5280	18.12	20.0		17.5		10.0		13.5		6.0		20.0		11.5		
802.11ac VHT40 MCS0	60	5300	18.09	20.0		17.5		10.0		13.5		6.0		20.0		11.5		94.74
	64	5320	17.40	19.0		17.5		10.0		13.5		6.0		19.0		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	

Mode	Channel	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 Standalone		Art 8 Handheld Simultaneous		Duty Cycle %
		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	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	100	5500	19.04	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		97.46
	116	5580	19.26	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	132	5660	19.28	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	140	5700	18.28	20.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
802.11n HT20 MCS0	100	5500	18.97	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		97.28
	116	5580	19.17	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	132	5660	19.22	20.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	140	5700	17.17	19.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
802.11n HT40 MCS0	102	5510	15.41	17.0		15.41	17.0	10.5		12.5		5.0	15.41	17.0		19.0		11.0		94.68
	110	5550	18.99	20.5		18.5		10.5		12.5		5.0	17.23	19.0		19.0		11.0		
802.11ac VHT20 MCS0	100	5500	18.08	19.5		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		97.31
	116	5580	18.16	20.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
802.11ac VHT40 MCS0	132	5660	18.21	20.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		94.74
	140	5700	17.01	19.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
802.11ac VHT80 MCS0	102	5510	15.35	17.0		17.0		10.5		12.5		5.0		Not Required		17.0		11.0		90.28
	110	5550	18.09	20.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	134	5670	18.45	20.0		18.5		10.5		12.5		5.0		Not Required		19.0		11.0		
	106	5530	11.31	13.0		13.0	8.76	10.5	10.87	12.5	3.38	5.0		13.0	9.45	11.0				

Mode	Channel	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 Full Power Handheld Standalone		Art 8 Full Power Handheld Simultaneous		Duty Cycle %
		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	Average power (dBm)	Tune-Up Limit		
802.11a 6Mbps	140	5745	19.04	20.5		18.5		10.5		6.5		13.5		19.0		11.0		97.46		
	157	5785	19.22	20.5		18.5		10.5		6.5		13.5		19.0		11.0				
	165	5825	19.06	20.5		18.5		10.5		6.5		13.5		19.0		11.0				
	149	5745	18.92	20.5		18.5		10.5		6.5		13.5		19.0		11.0				
802.11n HT20 MCS0	157	5785	19.15	20.5		18.5		10.5		6.5		13.5		19.0		11.0		97.28		
	165	5825	18.88	20.5		18.5		10.5		6.5		13.5		19.0		11.0				
802.11n HT40 MCS0	151	5755	19.18	20.5		18.5		10.5		6.5		13.5		17.42	19.0		11.0		94.68	
	159	5795	19.14	20.5		18.5		10.5		6.5		13.5		17.49	19.0		11.0			
802.11ac VHT20 MCS0	149	5745	17.90	19.5		18.5		10.5		6.5		13.5		19.0		11.0				