

10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

10604	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAA	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	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAC	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

10672	AAD	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAD	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAF	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	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	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	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	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %

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

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

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

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Conducted Full Power level/Default Power level/ Pmax Power Level for WWAN

GSM850		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Ant 0
TX Channel		128	189	251		128	189	251	Tune-up Limit (dBm)
Frequency (MHz)		824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot		31.94	31.66	31.76	33.00	22.94	22.66	22.76	24.00
GPRS 1 Tx slot		31.88	31.62	31.71	33.00	22.88	22.62	22.71	24.00
GPRS 2 Tx slots		28.77	28.68	28.63	29.50	22.77	22.68	22.63	23.50
GPRS 3 Tx slots		27.52	27.51	27.38	28.50	23.26	23.25	23.12	24.24
GPRS 4 Tx slots		25.66	25.57	25.52	26.50	22.66	22.57	22.52	23.50
EDGE 1 Tx slot		24.89	24.62	24.75	25.50	15.89	15.62	15.75	16.50
EDGE 2 Tx slots		23.15	23.17	22.98	24.00	17.15	17.17	16.98	18.00
EDGE 3 Tx slots		21.73	21.80	21.78	22.50	17.47	17.54	17.52	18.24
EDGE 4 Tx slots		19.99	20.16	20.07	21.00	16.99	17.16	17.07	18.00

GSM1900		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Ant 0
TX Channel		512	661	810		512	661	810	Tune-up Limit (dBm)
Frequency (MHz)		1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot		29.09	28.87	29.17	30.00	20.09	19.87	20.17	21.00
GPRS 1 Tx slot		29.07	28.81	29.16	30.00	20.07	19.81	20.16	21.00
GPRS 2 Tx slots		26.35	26.84	26.52	27.50	20.35	20.84	20.52	21.50
GPRS 3 Tx slots		25.58	25.54	25.10	26.50	21.32	21.28	20.84	22.24
GPRS 4 Tx slots		23.38	23.41	23.52	24.50	20.38	20.41	20.52	21.50
EDGE 1 Tx slot		24.58	24.25	24.67	25.50	15.58	15.25	15.67	16.50
EDGE 2 Tx slots		22.92	22.85	22.98	24.00	16.92	16.85	16.98	18.00
EDGE 3 Tx slots		21.48	21.45	21.62	22.50	17.22	17.19	17.36	18.24
EDGE 4 Tx slots		19.69	19.76	19.88	21.00	16.69	16.76	16.88	18.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Ant 1
TX Channel		9262	9400	9538		4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1852.4	1880	1907.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	23.66	23.71	23.76	25.00	23.72	23.71	23.76	25.00
3GPP Rel 99	RMC 12.2Kbps	23.69	23.73	23.81	25.00	23.77	23.76	23.82	25.00
3GPP Rel 6	HSDPA Subtest-1	22.68	22.74	22.80	24.00	22.62	22.62	22.72	24.00
3GPP Rel 6	HSDPA Subtest-2	22.72	22.75	22.81	24.00	22.63	22.64	22.76	24.00
3GPP Rel 6	HSDPA Subtest-3	22.24	22.25	22.30	23.50	22.13	22.14	21.89	23.50
3GPP Rel 6	HSDPA Subtest-4	22.19	22.27	22.34	23.50	22.14	22.12	22.24	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	22.52	22.58	22.57	24.00	22.62	22.53	22.50	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	22.56	22.66	22.81	24.00	22.62	22.43	22.66	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	22.23	22.20	22.13	23.50	22.10	21.98	21.82	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	22.12	22.18	22.09	23.50	21.91	22.07	22.12	23.50
3GPP Rel 6	HSUPA Subtest-1	22.70	22.74	22.82	24.00	22.63	22.71	22.81	24.00
3GPP Rel 6	HSUPA Subtest-2	20.69	20.74	20.86	22.00	20.69	20.69	20.80	22.00
3GPP Rel 6	HSUPA Subtest-3	21.66	21.75	21.86	23.00	21.62	21.72	21.81	23.00
3GPP Rel 6	HSUPA Subtest-4	20.71	20.74	20.87	22.00	20.68	20.68	20.80	22.00
3GPP Rel 6	HSUPA Subtest-5	22.70	22.70	22.90	24.00	22.70	22.70	22.80	24.00

Band		WCDMA II			Tune-up Limit (dBm)	WCDMA V			Ant 0
TX Channel		9262	9400	9538		4132	4182	4233	Tune-up Limit (dBm)
Rx Channel		9662	9800	9938	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1852.4	1880	1907.6	(dBm)	826.4	836.4	846.6	(dBm)
3GPP Rel 99	AMR 12.2Kbps	22.15	22.08	22.23	23.00	24.21	24.27	24.26	25.00
3GPP Rel 99	RMC 12.2Kbps	22.17	22.09	22.28	23.00	24.24	24.28	24.29	25.00
3GPP Rel 6	HSDPA Subtest-1	21.20	21.08	21.23	22.00	23.03	23.20	23.22	24.00
3GPP Rel 6	HSDPA Subtest-2	21.20	21.00	21.35	22.00	23.01	23.21	23.23	24.00
3GPP Rel 6	HSDPA Subtest-3	20.74	20.61	20.78	21.50	22.48	22.69	22.74	23.50
3GPP Rel 6	HSDPA Subtest-4	20.72	20.62	20.75	21.50	22.51	22.72	22.72	23.50
3GPP Rel 6	DC-HSDPA Subtest-1	21.08	21.11	21.15	22.00	23.01	23.17	23.20	24.00
3GPP Rel 6	DC-HSDPA Subtest-2	21.11	21.09	21.12	22.00	22.99	23.18	23.21	24.00
3GPP Rel 6	DC-HSDPA Subtest-3	20.70	20.75	20.80	21.50	22.46	22.66	22.72	23.50
3GPP Rel 6	DC-HSDPA Subtest-4	20.69	20.72	20.74	21.50	22.49	22.69	22.70	23.50
3GPP Rel 6	HSUPA Subtest-1	21.26	21.17	21.39	22.00	23.71	23.77	23.56	24.00
3GPP Rel 6	HSUPA Subtest-2	19.27	19.13	19.35	20.00	21.64	21.83	21.65	22.00
3GPP Rel 6	HSUPA Subtest-3	20.27	20.20	20.39	21.00	22.66	22.82	22.70	23.00
3GPP Rel 6	HSUPA Subtest-4	19.25	19.10	19.32	20.00	21.74	21.78	21.50	22.00
3GPP Rel 6	HSUPA Subtest-5	21.20	21.20	21.30	22.00	22.72	22.72	22.54	24.00

Band 2-Ant 0									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.66	22.54	22.60	24	0	
20	QPSK	1	49	22.60	22.53	22.58			
20	QPSK	1	99	22.47	22.41	22.43			
20	QPSK	50	0	21.69	21.67	21.68	23	1	
20	QPSK	50	24	21.66	21.62	21.66			
20	QPSK	50	50	21.63	21.60	21.61			
20	QPSK	100	0	21.66	21.62	21.64	23	1	
20	16QAM	1	0	22.04	21.85	21.93			
20	16QAM	1	49	21.83	21.81	21.95			
20	16QAM	1	99	21.70	21.80	21.73	22	2	
20	16QAM	50	0	20.68	20.57	20.68			
20	16QAM	50	24	20.66	20.56	20.66			
20	16QAM	50	50	20.54	20.58	20.64	22	2	
20	16QAM	100	0	20.67	20.62	20.67			
20	64QAM	1	0	20.82	20.63	20.79			
20	64QAM	1	49	20.72	20.72	20.81	21	3	
20	64QAM	1	99	20.66	20.61	20.63			
20	64QAM	50	0	19.71	19.61	19.71			
20	64QAM	50	24	19.68	19.63	19.69	21	3	
20	64QAM	50	50	19.58	19.63	19.70			
20	64QAM	100	0	19.67	19.62	19.68			
Channel				1867.5	18900	19125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	22.10	22.16	22.33	24	0	
15	QPSK	1	37	22.02	22.20	22.29			
15	QPSK	1	74	22.06	22.10	22.14			
15	QPSK	36	0	21.18	21.20	21.41	23	1	
15	QPSK	36	20	21.15	21.29	21.38			
15	QPSK	36	39	21.09	21.26	21.38			
15	QPSK	75	0	21.15	21.25	21.35	23	1	
15	16QAM	1	0	21.59	21.40	21.57			
15	16QAM	1	37	21.35	21.38	21.66			
15	16QAM	1	74	21.28	21.31	21.47	22	2	
15	16QAM	36	0	20.17	20.18	20.37			
15	16QAM	36	20	20.19	20.29	20.36			
15	16QAM	36	39	20.10	20.23	20.36	22	2	
15	16QAM	75	0	20.17	20.24	20.34			
15	64QAM	1	0	20.32	20.23	20.42			
15	64QAM	1	37	20.17	20.35	20.49	21	3	
15	64QAM	1	74	20.08	20.21	20.36			
15	64QAM	36	0	19.21	19.25	19.42			
15	64QAM	36	20	19.19	19.26	19.42	21	3	
15	64QAM	36	39	19.14	19.26	19.39			
15	64QAM	75	0	19.15	19.26	19.37			
Channel				1865.0	18900	19150	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	22.23	22.22	22.43	24	0	
10	QPSK	1	25	22.07	22.22	22.34			
10	QPSK	1	49	22.06	22.21	22.20			
10	QPSK	25	0	21.28	21.32	21.54	23	1	
10	QPSK	25	12	21.24	21.27	21.48			
10	QPSK	25	25	21.16	21.30	21.48			
10	QPSK	50	0	21.22	21.32	21.48	23	1	
10	16QAM	1	0	21.55	21.60	21.83			
10	16QAM	1	25	21.45	21.59	21.74			
10	16QAM	1	49	21.41	21.49	21.55	22	2	
10	16QAM	25	0	20.35	20.30	20.53			
10	16QAM	25	12	20.28	20.28	20.53			
10	16QAM	25	25	20.15	20.27	20.52	22	2	
10	16QAM	50	0	20.25	20.35	20.47			
10	64QAM	1	0	20.54	20.37	20.57			
10	64QAM	1	25	20.31	20.41	20.53	22	2	
10	64QAM	1	49	20.28	20.46	20.56			
10	64QAM	25	0	19.38	19.35	19.54			
10	64QAM	25	12	19.30	19.30	19.55	21	3	
10	64QAM	25	25	19.18	19.38	19.50			
10	64QAM	50	0	19.31	19.37	19.52			
Channel				1862.5	18900	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	22.26	22.31	22.42	24	0	
5	QPSK	1	12	22.15	22.20	22.33			
5	QPSK	1	24	22.08	22.19	22.25			
5	QPSK	12	0	21.31	21.27	21.55	23	1	
5	QPSK	12	7	21.22	21.30	21.49			
5	QPSK	12	13	21.13	21.25	21.38			
5	QPSK	25	0	21.22	21.31	21.46	23	1	
5	16QAM	1	0	21.55	21.54	21.80			
5	16QAM	1	12	21.43	21.58	21.74			
5	16QAM	1	24	21.35	21.53	21.68	22	2	
5	16QAM	12	0	20.35	20.29	20.56			
5	16QAM	12	7	20.30	20.35	20.54			
5	16QAM	12	13	20.16	20.28	20.43	22	2	
5	16QAM	25	0	20.26	20.31	20.50			
5	64QAM	1	0	20.44	20.41	20.69			
5	64QAM	1	12	20.25	20.39	20.60	22	2	
5	64QAM	1	24	20.34	20.34	20.55			
5	64QAM	12	0	19.39	19.35	19.60			
5	64QAM	12	7	19.33	19.41	19.55	21	3	
5	64QAM	12	13	19.21	19.33	19.46			
5	64QAM	25	0	19.28	19.35	19.49			
Channel				1861.5	18900	19185	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	22.30	22.31	22.42	24	0	
3	QPSK	1	8	22.22	22.24	22.37			
3	QPSK	1	14	22.12	22.14	22.21			
3	QPSK	8	0	21.33	21.26	21.49	23	1	
3	QPSK	8	4	21.26	21.34	21.53			
3	QPSK	8	7	21.15	21.26	21.38			
3	QPSK	15	0	21.22	21.32	21.49	23	1	
3	16QAM	1	0	21.55	21.62	21.70			
3	16QAM	1	8	21.68	21.71	21.72			
3	16QAM	1	14	21.35	21.46	21.51	22	2	
3	16QAM	8	0	20.34	20.29	20.63			
3	16QAM	8	4	20.30	20.39	20.54			
3	16QAM	8	7	20.17	20.34	20.43	22	2	
3	16QAM	15	0	20.22	20.33	20.51			
3	64QAM	1	0	20.66	20.39	20.71			
3	64QAM	1	8	20.44	20.53	20.70	22	2	
3	64QAM	1	14	20.38	20.40	20.47			
3	64QAM	8	0	19.40	19.38	19.57			
3	64QAM	8	4	19.36	19.45	19.52	21	3	
3	64QAM	8	7	19.23	19.32	19.53			
3	64QAM	15	0	19.34	19.37	19.60			
Channel				1860.7	18900	19193	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	22.27	22.22	22.28	24	0	
1.4	QPSK	1	3	22.46	22.38	22.33			
1.4	QPSK	1	5	22.30	22.27	22.22			
1.4	QPSK	3	0	22.37	22.18	22.23	23	1	
1.4	QPSK	3	1	22.41	22.27	22.25			
1.4	QPSK	3	3	22.40	22.13	22.23			
1.4	QPSK	6	0	21.48	21.35	21.32	23	1	
1.4	16QAM	1	0	21.31	21.98	21.92			
1.4	16QAM	1	3	21.28	22.09	21.71			
1.4	16QAM	1	5	21.46	21.71	21.80	23	1	
1.4	16QAM	3	0	21.44	21.38	21.49			
1.4	16QAM	3	1	21.58	21.53	21.41			
1.4	16QAM	3	3	21.19	21.39	21.39	22	2	
1.4	16QAM	6	0	20.61	20.25	20.41			
1.4	64QAM	1	0	20.58	20.42	20.27			
1.4	64QAM	1	3	20.82	20.36	20.24	22	2	
1.4	64QAM	1	5	20.52	20.25	20.60			
1.4	64QAM	3	0	20.73	20.45	20.51			
1.4	64QAM	3	1	20.98	20.37	20.62	21	3	
1.4	64QAM	3	3	20.43	20.76	20.31			
1.4	64QAM	6	0	19.24	19.46	19.22			

Band 4-Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				20050	20175	20300						
Frequency (MHz)				1720	1732.5	1745						
20	QPSK	1	0	20.59	20.78	20.60	22	0				
20	QPSK	1	49	20.51	20.56	20.57						
20	QPSK	1	99	20.53	20.49	20.20						
20	QPSK	50	0	19.89	20.06	19.94						
20	QPSK	50	24	20.01	20.05	19.83	21	1				
20	QPSK	50	50	20.00	19.96	19.80						
20	QPSK	100	0	19.79	19.90	19.82						
20	16QAM	1	0	20.19	20.16	20.48						
20	16QAM	1	49	20.17	20.23	20.35	21	1				
20	16QAM	1	99	20.11	20.36	19.90						
20	16QAM	50	0	18.98	18.93	18.83						
20	16QAM	50	24	19.03	18.92	18.89						
20	16QAM	50	50	19.01	18.88	18.75	20	2				
20	16QAM	100	0	18.94	18.90	18.73						
20	64QAM	1	0	19.22	18.87	19.23						
20	64QAM	1	49	19.28	19.32	19.19						
20	64QAM	1	99	18.86	18.82	18.93	19	3				
20	64QAM	50	0	18.02	17.93	18.01						
20	64QAM	50	24	18.05	17.94	17.76						
20	64QAM	50	50	18.04	17.89	17.83						
20	64QAM	100	0	17.93	17.88	17.84						
Channel				20025	20175	20325	Tune-up limit (dBm)		MPR (dB)			
Frequency (MHz)				1717.5	1732.5	1747.5						
15	QPSK	1	0	20.64	20.58	20.70	22	0				
15	QPSK	1	37	20.55	20.70	20.77						
15	QPSK	1	74	20.74	20.77	20.71						
15	QPSK	36	0	19.89	19.98	19.89						
15	QPSK	36	20	19.96	20.06	19.88	21	1				
15	QPSK	36	39	19.97	19.93	19.80						
15	QPSK	75	0	19.98	19.96	19.92						
15	16QAM	1	0	20.21	20.23	20.39						
15	16QAM	1	37	20.16	20.46	19.89	21	1				
15	16QAM	1	74	20.46	20.44	19.90						
15	16QAM	36	0	19.03	19.99	18.91						
15	16QAM	36	20	18.98	19.01	18.88						
15	16QAM	36	39	18.90	18.92	18.80	20	2				
15	16QAM	75	0	18.92	18.94	18.80						
15	64QAM	1	0	19.18	19.01	19.21						
15	64QAM	1	37	19.17	19.03	19.27						
15	64QAM	1	74	18.90	19.19	19.10	20	2				
15	64QAM	36	0	17.94	18.04	17.92						
15	64QAM	36	20	18.08	17.98	17.84						
15	64QAM	36	39	17.97	17.99	17.80						
15	64QAM	75	0	17.93	17.93	17.90	19	3				
Channel				20000	20175	20350			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1732.5	1750						
10	QPSK	1	0	20.77	20.72	20.61			22	0		
10	QPSK	1	25	20.61	20.75	20.61						
10	QPSK	1	49	20.60	20.70	20.59						
10	QPSK	25	0	20.15	20.10	19.97						
10	QPSK	25	12	20.16	20.09	19.97	21	1				
10	QPSK	25	25	20.12	20.10	19.95						
10	QPSK	50	0	20.09	20.05	19.86						
10	16QAM	1	0	20.30	20.42	19.87						
10	16QAM	1	25	19.72	19.85	19.83	21	1				
10	16QAM	1	49	19.98	20.07	19.74						
10	16QAM	25	0	19.19	19.12	18.92						
10	16QAM	25	12	19.12	19.17	19.05						
10	16QAM	25	25	19.22	19.12	19.04	20	2				
10	16QAM	50	0	19.09	19.13	18.96						
10	64QAM	1	0	19.39	19.30	19.20						
10	64QAM	1	25	19.06	19.04	18.94						
10	64QAM	1	49	19.10	19.12	19.15	20	2				
10	64QAM	25	0	18.18	18.10	17.96						
10	64QAM	25	12	18.18	18.16	17.94						
10	64QAM	25	25	18.10	18.17	17.98						
10	64QAM	50	0	18.21	18.04	17.99	19	3				
Channel				19975	20175	20375			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5						
5	QPSK	1	0	20.77	20.64	20.65			22	0		
5	QPSK	1	12	20.77	20.76	20.48						
5	QPSK	1	24	20.72	20.75	20.48						
5	QPSK	12	0	20.44	20.38	20.25						
5	QPSK	12	7	20.37	20.38	20.13	21	1				
5	QPSK	12	13	20.40	20.38	20.38						
5	QPSK	25	0	20.16	20.11	19.95						
5	16QAM	1	0	20.28	20.76	20.38						
5	16QAM	1	12	20.64	20.64	20.36	21	1				
5	16QAM	1	24	20.49	20.63	20.18						
5	16QAM	12	0	19.51	19.53	19.40						
5	16QAM	12	7	19.52	19.48	19.32						
5	16QAM	12	13	19.33	19.49	19.34	20	2				
5	16QAM	25	0	19.20	18.97	18.92						
5	64QAM	1	0	19.38	19.44	19.09						
5	64QAM	1	12	19.10	19.13	19.39						
5	64QAM	1	24	19.15	19.39	19.14	20	2				
5	64QAM	12	0	18.40	18.28	18.36						
5	64QAM	12	7	18.53	18.73	18.46						
5	64QAM	12	13	18.55	18.41	18.36						
5	64QAM	25	0	18.06	18.12	18.10	19	3				
5	64QAM	25	7	18.15	18.12	17.96						
5	64QAM	15	0	18.15	18.08	17.96						
5	64QAM	15	7	18.15	18.08	17.96						
5	64QAM	15	15	18.15	18.08	17.96						
Channel				19965	20175	20385	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1711.5	1732.5	1753.5						
3	QPSK	1	0	20.71	20.70	20.53	22	0				
3	QPSK	1	8	20.72	20.76	20.49						
3	QPSK	1	14	20.76	20.77	20.57						
3	QPSK	8	0	20.02	19.95	19.96						
3	QPSK	8	4	20.12	20.02	19.89	21	1				
3	QPSK	8	7	20.07	20.07	19.89						
3	QPSK	15	0	20.03	19.95	19.90						
3	16QAM	1	0	20.60	20.66	20.39						
3	16QAM	1	8	20.68	20.63	20.31	21	1				
3	16QAM	1	14	20.35	20.37	20.34						
3	16QAM	8	0	19.10	19.04	18.90						
3	16QAM	8	4	18.97	18.95	19.46						
3	16QAM	8	7	19.06	19.01	18.80	20	2				
3	16QAM	15	0	19.05	19.95	18.91						
3	64QAM	1	0	19.06	19.16	18.96						
3	64QAM	1	8	19.32	19.10	18.95						
3	64QAM	1	15	19.10	19.10	19.08	20	2				
3	64QAM	8	0	18.01	18.01	17.92						
3	64QAM	8	4	18.02	17.97	17.89						
3	64QAM	8	7	18.15	18.12	17.96						
3	64QAM	15	0	18.15	18.08	17.96	19	3				
Channel				19957	20175	20393			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3						
1.4	QPSK	1	0	20.57	20.52	20.45			22	0		
1.4	QPSK	1	3	20.67	20.61	20.66						
1.4	QPSK	1	5	20.62	20.73	20.34						
1.4	QPSK	3	0	20.66	20.69	20.71						
1.4	QPSK	3	1	20.73	20.72	20.74	21	1				
1.4	QPSK	3	3	20.70	20.67	20.75						
1.4	QPSK	6	0	20.00	19.95	19.75						
1.4	16QAM	1	0	20.29	20.41	19.98						
1.4	16QAM	1	3	20.09	20.17	19.94	21	1				
1.4	16QAM	1	5	20.48	20.44	20.31						
1.4	16QAM	3	0	20.00	19.86	19.86						
1.4	16QAM	3	1	20.13	20.04	20.53						
1.4	16QAM	3	3	20.02	20.01	19.88	20	2				
1.4	16QAM	6	0	19.17	19.26	18.91						
1.4	64QAM	1	0	19.21	19.39	18.65						
1.4	64QAM	1	3	19.30	19.12	18.66	20	2				
1.4	64QAM	1	5	19.74	19.66	19.10						
1.4	64QAM	3	0	18.99	19.15	19.02						
1.4	64QAM	3	1	19.08	19.13	19.16						
1.4	64QAM	3	3	18.99	19.02	18.90	19	3				
1.4	64QAM	6	0	18.01	17.93	17.80						
1.4	64QAM	6	0	18.01	17.93	17.80						

Band 7-Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20850	21100	21350					
Frequency (MHz)				2510	2535	2560					
20	QPSK	1	0	22.80	22.69	22.75	24	0			
20	QPSK	1	49	22.81	22.71	22.87					
20	QPSK	1	99	22.89	22.75	23.04					
20	QPSK	50	0	22.02	21.89	21.93					
20	QPSK	50	24	22.03	21.91	22.00	23	1			
20	QPSK	50	50	22.04	21.92	22.07					
20	QPSK	100	0	22.03	21.90	22.05					
20	16QAM	1	0	22.14	22.05	22.07					
20	16QAM	1	49	22.19	22.05	22.17	23	1			
20	16QAM	1	99	22.14	22.13	22.26					
20	16QAM	50	0	21.05	20.91	20.92					
20	16QAM	50	24	21.05	20.94	20.99					
20	16QAM	50	50	20.94	20.93	21.08	22	2			
20	16QAM	100	0	21.03	20.90	20.97					
20	64QAM	1	0	21.01	20.93	20.88					
20	64QAM	1	49	21.11	20.91	21.12					
20	64QAM	1	99	20.95	21.05	21.20	22	2			
20	64QAM	50	0	20.04	19.91	19.96					
20	64QAM	50	24	20.07	19.95	20.03					
20	64QAM	50	50	19.95	19.97	20.12					
20	64QAM	100	0	20.05	19.96	19.98	21	3			
Channel				20825	21100	21375				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5					
15	QPSK	1	0	22.66	22.43	22.57	24	0			
15	QPSK	1	37	22.59	22.58	22.81					
15	QPSK	1	74	22.81	22.48	22.92					
15	QPSK	36	0	21.80	21.71	21.88					
15	QPSK	36	20	21.81	21.81	21.93	23	1			
15	QPSK	36	39	21.80	21.83	21.99					
15	QPSK	75	0	21.83	21.72	21.87					
15	16QAM	1	0	22.02	21.76	21.72					
15	16QAM	1	37	22.24	21.81	21.72	23	1			
15	16QAM	1	74	21.94	21.52	21.83					
15	16QAM	36	0	20.84	20.76	20.69					
15	16QAM	36	20	20.76	20.80	20.97					
15	16QAM	36	39	20.70	20.71	20.99	22	2			
15	16QAM	75	0	20.73	20.74	20.83					
15	64QAM	1	0	20.79	20.72	20.86					
15	64QAM	1	37	20.60	20.85	21.06					
15	64QAM	1	74	21.06	21.05	21.20	22	2			
15	64QAM	36	0	19.88	19.75	19.84					
15	64QAM	36	20	19.80	19.85	20.03					
15	64QAM	36	39	19.86	19.84	19.90					
15	64QAM	75	0	19.85	19.75	19.81	21	3			
Channel				20800	21100	21400				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565					
10	QPSK	1	0	22.73	22.72	23.01	24	0			
10	QPSK	1	25	22.86	22.69	23.02					
10	QPSK	1	49	22.86	22.94	23.00					
10	QPSK	25	0	22.10	21.86	22.00					
10	QPSK	25	12	22.01	21.91	22.06	23	1			
10	QPSK	25	25	22.02	21.89	22.11					
10	QPSK	50	0	21.94	21.93	21.97					
10	16QAM	1	0	22.22	22.11	22.44					
10	16QAM	1	25	22.12	22.03	22.66	23	1			
10	16QAM	1	49	22.18	22.06	22.84					
10	16QAM	25	0	21.07	20.95	20.94					
10	16QAM	25	12	21.10	20.96	21.07					
10	16QAM	25	25	21.01	20.91	21.12	22	2			
10	16QAM	50	0	20.95	20.81	21.08					
10	64QAM	1	0	21.01	21.18	21.20					
10	64QAM	1	25	20.96	21.13	21.31					
10	64QAM	1	49	20.94	20.90	21.29	22	2			
10	64QAM	25	0	20.13	19.91	20.07					
10	64QAM	25	12	20.08	19.88	20.05					
10	64QAM	25	25	20.05	19.82	20.13					
10	64QAM	50	0	20.02	19.86	20.01	21	3			
Channel				20775	21100	21425				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5					
5	QPSK	1	0	23.03	22.87	22.98	24	0			
5	QPSK	1	12	22.92	22.75	22.84					
5	QPSK	1	24	22.98	22.83	23.02					
5	QPSK	12	0	21.88	21.84	21.96					
5	QPSK	12	7	22.09	21.89	22.09	23	1			
5	QPSK	12	13	22.09	21.96	22.11					
5	QPSK	25	0	21.97	21.88	22.04					
5	16QAM	1	0	22.43	22.26	22.54					
5	16QAM	1	12	22.24	22.48	22.86	23	1			
5	16QAM	1	24	22.28	22.47	22.54					
5	16QAM	12	0	20.85	20.81	21.11					
5	16QAM	12	7	21.08	20.95	21.09					
5	16QAM	12	13	21.04	21.05	21.26	22	2			
5	16QAM	25	0	20.96	20.82	21.09					
5	64QAM	1	0	21.23	21.10	21.28					
5	64QAM	1	12	21.29	21.01	21.29					
5	64QAM	1	24	21.06	21.09	21.31	22	2			
5	64QAM	12	0	19.89	19.89	20.05					
5	64QAM	12	7	20.06	19.94	20.26					
5	64QAM	12	13	20.08	20.01	20.05					
5	64QAM	25	0	19.94	19.89	20.03	21	3			

Band 12-Ant 0												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)				
Channel				23060	23095	23130						
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	23.63	23.38	23.59	24	0				
10	QPSK	1	25	23.49	23.40	23.45						
10	QPSK	1	49	23.38	23.32	23.35						
10	QPSK	25	0	22.36	22.28	22.35						
10	QPSK	25	12	22.51	22.44	22.50	23	1				
10	QPSK	25	25	22.60	22.46	22.50						
10	QPSK	50	0	22.57	22.31	22.39						
10	16QAM	1	0	22.82	22.79	22.40						
10	16QAM	1	25	22.47	22.58	22.41	23	1				
10	16QAM	1	49	22.56	22.66	22.59						
10	16QAM	25	0	21.43	21.57	21.51						
10	16QAM	25	12	21.83	21.58	21.59						
10	16QAM	25	25	21.67	21.65	21.62	22	2				
10	16QAM	50	0	21.60	21.58	21.43						
10	64QAM	1	0	21.69	21.73	21.79						
10	64QAM	1	25	21.66	21.90	21.53						
10	64QAM	1	49	21.83	21.73	21.64	22	2				
10	64QAM	25	0	20.50	20.51	20.61						
10	64QAM	25	12	20.54	20.59	20.68						
10	64QAM	25	25	20.60	20.58	20.61						
10	64QAM	50	0	20.63	20.53	20.52	21	3				
Channel				23035	23095	23155						
Frequency (MHz)				701.5	707.5	713.5				Tune-up unit (dBm)	MPR (dB)	
5	QPSK	1	0	23.32	23.59	23.29	24	0				
5	QPSK	1	12	23.27	23.35	23.43						
5	QPSK	1	24	23.19	23.39	23.27						
5	QPSK	12	0	22.50	22.49	22.41						
5	QPSK	12	7	22.47	22.58	22.46	23	1				
5	QPSK	12	13	22.43	22.52	22.34						
5	QPSK	25	0	22.59	22.45	22.39						
5	16QAM	1	0	22.82	22.90	22.42						
5	16QAM	1	12	22.81	22.67	22.77	23	1				
5	16QAM	1	24	22.94	22.85	22.74						
5	16QAM	12	0	21.60	21.53	21.39	22	2				
5	16QAM	12	7	21.50	21.51	21.60						
5	16QAM	12	13	21.66	21.58	21.52						
5	16QAM	25	0	21.37	21.39	21.31						
5	64QAM	1	0	21.66	21.71	21.72	22	2				
5	64QAM	1	12	21.80	21.80	21.73						
5	64QAM	1	24	21.58	21.49	21.64						
5	64QAM	12	0	20.61	20.49	20.54						
5	64QAM	12	7	20.74	20.54	20.67	21	3				
5	64QAM	12	13	20.53	20.67	20.59						
5	64QAM	25	0	20.67	20.49	20.40						
Channel				23025	23095	23165			Tune-up unit (dBm)	MPR (dB)		
Frequency (MHz)				700.5	707.5	714.5						
3	QPSK	1	0	23.44	23.44	23.56	24	0				
3	QPSK	1	8	23.46	23.58	23.37						
3	QPSK	1	14	23.42	23.50	23.18						
3	QPSK	8	0	22.47	22.44	22.38						
3	QPSK	8	4	22.55	22.60	22.40	23	1				
3	QPSK	8	7	22.93	22.54	22.36						
3	QPSK	15	0	22.57	22.34	22.48						
3	16QAM	1	0	22.71	22.79	22.53						
3	16QAM	1	8	22.83	22.73	22.57	23	1				
3	16QAM	1	14	22.77	22.60	22.44						
3	16QAM	8	0	21.51	21.32	21.32						
3	16QAM	8	4	21.46	21.58	21.54						
3	16QAM	8	7	21.43	21.62	21.54	22	2				
3	16QAM	15	0	21.51	21.60	21.45						
3	64QAM	1	0	21.41	21.31	21.76						
3	64QAM	1	8	21.40	21.93	21.85						
3	64QAM	1	14	21.90	21.78	21.75	22	2				
3	64QAM	8	0	20.53	20.74	20.54						
3	64QAM	8	4	20.47	20.49	20.36						
3	64QAM	8	7	20.73	20.61	20.35						
3	64QAM	15	0	20.51	20.53	20.52	21	3				
Channel				23017	23095	23173				Tune-up unit (dBm)	MPR (dB)	
Frequency (MHz)				699.7 <th>707.5<th>715.3</th><th></th><th></th><th></th></th>	707.5 <th>715.3</th> <th></th> <th></th> <th></th>	715.3						
1.4	QPSK	1	0	23.57	23.52	23.42	24	0				
1.4	QPSK	1	3	23.42	23.51	23.45						
1.4	QPSK	1	5	23.42	23.38	23.26						
1.4	QPSK	3	0	23.46	23.45	23.51						
1.4	QPSK	3	1	23.39	23.60	23.34	23	1				
1.4	QPSK	3	3	23.46	23.48	23.38						
1.4	QPSK	6	0	22.57	22.58	22.48						
1.4	16QAM	1	0	22.94	22.79	22.73						
1.4	16QAM	1	3	22.99	22.66	22.55	23	1				
1.4	16QAM	1	5	22.76	22.80	22.69						
1.4	16QAM	3	0	22.58	22.59	22.46						
1.4	16QAM	3	1	22.70	22.60	22.68						
1.4	16QAM	3	3	22.63	22.49	22.33	22	2				
1.4	16QAM	6	0	21.55	21.59	21.42						
1.4	64QAM	1	3	21.52	21.21	20.94						
1.4	64QAM	1	3	21.18	21.63	21.25						
1.4	64QAM	1	5	21.65	21.69	21.54	22	2				
1.4	64QAM	3	0	21.88	21.71	21.49						
1.4	64QAM	3	1	21.87	21.43	21.34						
1.4	64QAM	3	3	21.50	21.45	21.67						
1.4	64QAM	6	0	20.50	20.49	20.65	21	3				

Band 13-Ant 0									
BW [MHz]	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			24	0	
Frequency (MHz)				782					
10	QPSK	1	0		23.05		23	1	
10	QPSK	1	25		22.89				
10	QPSK	1	49		23.02				
10	QPSK	25	0		22.42				
10	QPSK	25	12		22.54		23	1	
10	QPSK	25	25		22.61				
10	QPSK	50	0		22.56				
10	16QAM	1	0		22.17				
10	16QAM	1	25		22.78		23	1	
10	16QAM	1	49		22.88				
10	16QAM	25	0		21.45				
10	16QAM	25	12		21.49				
10	16QAM	25	25		21.55		22	2	
10	16QAM	50	0		21.69				
10	64QAM	1	0		21.62				
10	64QAM	1	25		21.67				
10	64QAM	1	49		21.71		22	2	
10	64QAM	25	0		20.53				
10	64QAM	25	12		20.61				
10	64QAM	25	25		20.60				
10	64QAM	50	0		20.52		21	3	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5	24	0	
5	QPSK	1	0	22.85	22.78	22.95			
5	QPSK	1	12	22.86	22.99	22.93	23	1	
5	QPSK	1	24	22.93	22.87	22.95			
5	QPSK	12	0	22.39	22.38	22.47			
5	QPSK	12	7	22.57	22.46	22.57			
5	QPSK	12	13	22.48	22.49	22.55	23	1	
5	QPSK	25	0	22.52	22.50	22.63			
5	16QAM	1	0	22.23	22.59	22.77			
5	16QAM	1	12	22.73	22.12	22.97			
5	16QAM	1	24	22.91	22.74	22.98	23	1	
5	16QAM	12	0	21.54	21.47	21.55			
5	16QAM	12	7	21.40	21.43	21.54			
5	16QAM	12	13	21.43	21.63	21.60			
5	16QAM	25	0	21.60	21.50	21.61	22	2	
5	64QAM	1	0	21.33	21.56	21.30			
5	64QAM	1	12	21.52	21.59	21.75			
5	64QAM	1	24	21.64	21.67	21.42			
5	64QAM	12	0	20.25	20.45	20.51	21	3	
5	64QAM	12	7	20.57	20.63	20.72			
5	64QAM	12	13	20.52	20.62	20.61			
5	64QAM	25	0	20.45	20.54	20.75			

Band 13-Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			23.5	0	
Frequency (MHz)				782					
10	QPSK	1	0		22.54		23.5	0	
10	QPSK	1	25		22.53				
10	QPSK	1	49		22.46				
10	QPSK	25	0		22.08				
10	QPSK	25	12		22.02		22.5	1	
10	QPSK	25	25		22.00				
10	QPSK	50	0		22.23				
10	16QAM	1	0		22.27				
10	16QAM	1	25		22.24		22.5	1	
10	16QAM	1	49		22.35				
10	16QAM	25	0		20.96				
10	16QAM	25	12		20.97				
10	16QAM	25	25		21.05		21.5	2	
10	16QAM	50	0		21.01				
10	64QAM	1	0		20.90				
10	64QAM	1	25		21.05				
10	64QAM	1	49		21.50		21.5	2	
10	64QAM	25	0		19.97				
10	64QAM	25	12		20.10				
10	64QAM	25	25		20.19				
10	64QAM	50	0		19.89		20.5	3	
Channel				23205	23230	23255			
Frequency (MHz)				779.5	782	784.5	23.5	0	
5	QPSK	1	0	22.43	22.52	22.40			
5	QPSK	1	12	22.41	22.47	22.36	23.5	0	
5	QPSK	1	24	22.37	22.50	22.49			
5	QPSK	12	0	22.05	21.99	22.03			
5	QPSK	12	7	22.11	21.90	22.11			
5	QPSK	12	13	21.89	22.06	22.11	22.5	1	
5	QPSK	25	0	22.12	22.01	22.21			
5	16QAM	1	0	22.22	22.35	22.36			
5	16QAM	1	12	22.11	22.52	22.47			
5	16QAM	1	24	22.04	22.20	22.39	22.5	1	
5	16QAM	12	0	21.08	21.00	21.02			
5	16QAM	12	7	21.12	20.82	21.18			
5	16QAM	12	13	20.82	21.22	21.10			
5	16QAM	25	0	20.95	20.91	21.02	21.5	2	
5	64QAM	1	0	21.16	21.25	20.98			
5	64QAM	1	12	21.22	21.34	21.45			
5	64QAM	1	24	21.42	21.45	21.44			
5	64QAM	12	0	19.93	20.10	20.14	21.5	2	
5	64QAM	12	7	19.99	20.23	20.35			
5	64QAM	12	13	19.99	20.19	20.06			
5	64QAM	25	0	20.10	20.11	20.07			

Band 17-Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800	24	0	
Frequency (MHz)				709	710	711			
10	QPSK	1	0	23.29	23.52	23.08	23	1	
10	QPSK	1	25	23.16	23.20	23.15			
10	QPSK	1	49	23.06	23.35	23.02			
10	QPSK	25	0	22.36	22.38	22.35			
10	QPSK	25	12	22.43	22.45	22.39	23	1	
10	QPSK	25	25	22.34	22.46	22.27			
10	QPSK	50	0	22.32	22.35	22.30			
10	16QAM	1	0	22.48	22.82	22.82			
10	16QAM	1	25	22.54	22.88	22.77	23	1	
10	16QAM	1	49	22.65	22.50	22.33			
10	16QAM	25	0	21.42	21.26	21.34			
10	16QAM	25	12	21.46	21.35	21.50			
10	16QAM	25	25	21.40	21.19	21.19	22	2	
10	16QAM	50	0	21.44	21.17	21.26			
10	64QAM	1	0	21.65	21.68	21.61			
10	64QAM	1	25	21.64	21.35	21.28			
10	64QAM	1	49	21.28	21.50	21.37	22	2	
10	64QAM	25	0	20.47	20.34	20.48			
10	64QAM	25	12	20.40	20.44	20.47			
10	64QAM	25	25	20.38	20.33	20.34			
10	64QAM	50	0	20.38	20.38	20.30	21	3	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5	24	0	
5	QPSK	1	0	23.30	23.45	23.41			
5	QPSK	1	12	23.23	23.30	23.05	24	0	
5	QPSK	1	24	23.47	23.25	22.94			
5	QPSK	12	0	22.33	22.39	22.29			
5	QPSK	12	7	22.39	22.39	22.26			
5	QPSK	12	13	22.34	22.35	22.14	23	1	
5	QPSK	25	0	22.43	22.33	22.25			
5	16QAM	1	0	22.66	22.94	22.90			
5	16QAM	1	12	22.64	22.50	22.65			
5	16QAM	1	24	22.55	22.80	22.72	23	1	
5	16QAM	12	0	21.48	21.46	21.20			
5	16QAM	12	7	21.45	21.41	21.36			
5	16QAM	12	13	21.45	21.22	21.15			
5	16QAM	25	0	21.50	21.27	21.46	22	2	
5	16QAM	1	21.63	21.44	21.40				
5	64QAM	1	12	21.94	21.60	21.51			
5	64QAM	1	24	21.62	21.69	21.39			
5	64QAM	12	0	20.34	20.60	20.45	21	3	
5	64QAM	12	7	20.52	20.29	20.26			
5	64QAM	12	13	20.42	20.41	20.36			
5	64QAM	25	0	20.37	20.34	20.35			

Band 17-Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.59	22.46	22.61	24	0	
10	QPSK	1	25	22.52	22.49	22.58			
10	QPSK	1	49	22.50	22.36	22.54			
10	QPSK	25	0	21.73	21.65	21.66	23	1	
10	QPSK	25	12	21.72	21.63	21.73			
10	QPSK	25	25	21.56	21.57	21.60			
10	QPSK	50	0	21.59	21.46	21.63	23	1	
10	16QAM	1	0	22.06	21.84	21.98			
10	16QAM	1	25	22.10	21.73	21.82			
10	16QAM	1	49	22.02	21.41	21.80	23	1	
10	16QAM	25	0	21.09	21.18	21.29			
10	16QAM	25	12	21.21	21.20	21.40			
10	16QAM	25	25	21.10	21.12	20.96	22	2	
10	16QAM	50	0	21.14	21.19	21.20			
10	64QAM	1	0	21.27	21.41	20.95			
10	64QAM	1	25	21.26	21.60	21.29	22	2	
10	64QAM	1	49	21.10	20.97	21.11			
10	64QAM	25	0	20.19	20.10	20.28			
10	64QAM	25	12	20.41	20.16	20.25	21	3	
10	64QAM	25	25	20.24	20.06	20.11			
10	64QAM	50	0	20.19	20.13	20.00			
Channel				23755 <th>23790</th> <th>23825</th> <th>Tune-up limit (dBm)</th> <th colspan="2">MPR (dB)</th>	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5 <th>710<th>713.5</th><th></th><th colspan="2"></th></th>	710 <th>713.5</th> <th></th> <th colspan="2"></th>	713.5			
5	QPSK	1	0	22.56	22.53	22.55	24	0	
5	QPSK	1	12	22.55	22.56	22.33			
5	QPSK	1	24	22.60	22.39	22.34			
5	QPSK	12	0	21.63	21.66	21.60	23	1	
5	QPSK	12	7	21.68	21.57	21.53			
5	QPSK	12	13	21.58	21.58	21.46			
5	QPSK	25	0	21.70	21.61	21.48	23	1	
5	16QAM	1	0	21.98	22.02	21.96			
5	16QAM	1	12	21.61	21.75	22.03			
5	16QAM	1	24	21.69	21.56	21.80	23	1	
5	16QAM	12	0	21.14	21.14	21.30			
5	16QAM	12	7	21.25	21.06	21.14			
5	16QAM	12	13	21.23	21.09	20.86	22	2	
5	16QAM	25	0	21.24	21.09	21.04			
5	64QAM	1	0	21.58	21.58	21.09			
5	64QAM	1	12	21.57	21.49	21.16	22	2	
5	64QAM	1	24	21.51	21.28	21.10			
5	64QAM	12	0	20.41	20.25	20.16			
5	64QAM	12	7	20.38	20.17	20.17	21	3	
5	64QAM	12	13	20.28	20.17	20.02			
5	64QAM	25	0	20.19	20.05	20.12			

Band 66-Ant 0									
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				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	22.22	22.42	22.21	24	0	
20	QPSK	1	49	22.10	22.13	22.02			
20	QPSK	1	99	22.04	22.08	22.02			
20	QPSK	50	0	21.73	21.75	21.59			
20	QPSK	50	24	21.62	21.66	21.54	23	1	
20	QPSK	50	50	21.57	21.63	21.55			
20	QPSK	100	0	21.72	21.74	21.54			
20	16QAM	1	0	22.00	22.09	21.92			
20	16QAM	1	49	21.99	21.95	21.86	23	1	
20	16QAM	1	99	21.87	21.80	21.69			
20	16QAM	50	0	20.68	20.72	20.62			
20	16QAM	50	24	20.77	20.65	20.56			
20	16QAM	50	50	20.71	20.65	20.56	22	2	
20	16QAM	100	0	20.72	20.64	20.55			
20	64QAM	1	0	20.80	20.90	20.80			
20	64QAM	1	49	20.88	20.91	20.74			
20	64QAM	1	99	20.71	20.67	20.60	22	2	
20	64QAM	50	0	19.71	19.73	19.61			
20	64QAM	50	24	19.77	19.71	19.59			
20	64QAM	50	50	19.73	19.66	19.59			
20	64QAM	100	0	19.76	19.66	19.58	21	3	
Channel				132047	132322	132597			
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	22.07	22.18	22.20	24	0	
15	QPSK	1	37	22.02	22.14	22.28			
15	QPSK	1	74	22.08	22.10	22.17			
15	QPSK	36	0	21.73	21.75	21.58			
15	QPSK	36	20	21.75	21.72	21.65	23	1	
15	QPSK	36	39	21.70	21.72	21.69			
15	QPSK	75	0	21.72	21.59	21.69			
15	16QAM	1	0	21.78	21.93	21.95			
15	16QAM	1	37	21.91	21.91	21.77	23	1	
15	16QAM	1	74	21.86	21.52	21.65			
15	16QAM	36	0	20.74	20.74	20.69			
15	16QAM	36	20	20.84	20.82	20.75			
15	16QAM	36	39	20.82	20.77	20.67	22	2	
15	16QAM	75	0	20.80	20.75	20.68			
15	64QAM	1	0	20.97	20.92	21.04			
15	64QAM	1	37	20.99	20.63	20.96			
15	64QAM	1	74	20.95	20.55	20.66	22	2	
15	64QAM	36	0	19.71	19.84	19.67			
15	64QAM	36	20	19.87	19.73	19.85			
15	64QAM	36	39	19.81	19.72	19.69			
15	64QAM	75	0	19.78	19.68	19.73	21	3	
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	22.22	22.20	22.23	24	0	
10	QPSK	1	25	22.21	22.21	22.09			
10	QPSK	1	49	22.03	22.07	22.01			
10	QPSK	25	0	21.86	21.78	21.75			
10	QPSK	25	12	21.84	21.75	21.69	23	1	
10	QPSK	25	25	21.84	21.72	21.62			
10	QPSK	50	0	21.62	21.61	21.59			
10	16QAM	1	0	22.21	21.79	21.64			
10	16QAM	1	25	21.70	21.69	21.62	23	1	
10	16QAM	1	49	21.75	21.64	21.59			
10	16QAM	25	0	20.85	20.80	20.56			
10	16QAM	25	12	20.91	20.67	20.76			
10	16QAM	25	25	20.79	20.75	20.66	22	2	
10	16QAM	50	0	20.81	20.73	20.72			
10	64QAM	1	0	21.12	21.00	20.84			
10	64QAM	1	25	21.04	20.47	20.92			
10	64QAM	1	49	20.93	20.49	20.87	22	2	
10	64QAM	25	0	19.87	19.86	19.80			
10	64QAM	25	12	19.88	19.84	19.76			
10	64QAM	25	25	19.80	19.81	19.68			
10	64QAM	50	0	19.89	19.83	19.71	21	3	
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	22.19	22.26	22.22	24	0	
5	QPSK	1	12	22.10	22.13	22.12			
5	QPSK	1	24	22.25	22.21	22.07			
5	QPSK	12	0	21.80	21.80	21.64			
5	QPSK	12	7	21.77	21.74	21.74	23	1	
5	QPSK	12	13	21.81	21.79	21.67			
5	QPSK	25	0	21.75	21.71	21.70			
5	16QAM	1	0	22.00	22.11	22.05			
5	16QAM	1	12	22.07	22.26	21.96	23	1	
5	16QAM	1	24	21.80	21.75	21.98			
5	16QAM	12	0	20.80	20.88	20.68			
5	16QAM	12	7	20.96	21.35	20.79			
5	16QAM	12	13	20.80	20.85	20.75	22	2	
5	16QAM	25	0	20.74	20.83	20.71			
5	64QAM	1	0	20.67	20.69	21.14			
5	64QAM	1	12	20.84	21.07	20.84			
5	64QAM	1	24	20.92	21.06	20.88	22	2	
5	64QAM	12	0	19.84	19.76	19.77			
5	64QAM	12	7	19.83	19.70	19.74			
5	64QAM	12	13	19.74	19.69	19.69			
5	64QAM	25	0	19.83	19.79	19.88	21	3	
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	22.18	22.22	22.15	24	0	
3	QPSK	1	8	22.20	22.23	22.06			
3	QPSK	1	14	22.04	22.13	22.03			
3	QPSK	8	0	21.69	21.72	21.62			
3	QPSK	8	4	21.74	21.64	21.71	23	1	
3	QPSK	8	7	21.86	21.61	21.62			
3	QPSK	16	0	21.83	21.61	21.55			
3	16QAM	1	0	22.20	22.20	21.77			
3	16QAM	1	8	22.24	22.21	21.74	23	1	
3	16QAM	1	14	22.29	22.27	22.09			
3	16QAM	8	0	20.79	20.67	20.59			
3	16QAM	8	4	20.86	20.74	20.75			
3	16QAM	8	7	20.75	20.86	20.71	22	2	
3	16QAM	15	0	20.76	21.01	20.76			
3	64QAM	1	0	21.24	20.81	20.93			
3	64QAM	1	8	21.04	20.84	21.05			
3	64QAM	1	14	20.91	21.01	21.13	22	2	
3	64QAM	8	0	19.83	19.52	19.69			
3	64QAM	8	4	20.06	19.81	19.60			
3	64QAM	8	7	19.83	19.91	19.74			
3	64QAM	15	0	19.80	19.77	19.78	21	3	
Channel				131979	132322	132665			
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	22.01	22.05	22.01	24	0	
1.4	QPSK	1	3	22.03	22.11	22.07			
1.4	QPSK	1	5	22.03	22.04	22.03			
1.4	QPSK	3	0	22.14	22.15	22.03			
1.4	QPSK	3	1	22.05	22.15	22.14	23	1	
1.4	QPSK	3	3	22.12	22.18	22.07			
1.4	QPSK	6	0	21.62	21.61	21.57			
1.4	16QAM	1	0	21.86	21.93	21.92			
1.4	16QAM	1	3	21.85	22.00	21.85	23	1	
1.4	16QAM	1	5	21.79	21.90	21.79			
1.4	16QAM	3	0	21.67	21.78	21.54			
1.4	16QAM	3	1	21.81	21.49	21.70			
1.4	16QAM	3	3	21.67	21.63	21.92	22	2	
1.4	64QAM	1	0	20.75	20.81	20.75			
1.4	64QAM	1	3	20.76	20.81	20.75			
1.4	64QAM	1	5	20.83	20.75	20.68			
1.4	64QAM	3	0	20.85	20.90	20.38	22	2	
1.4	64QAM	3	1	20.85	20.66	20.73			
1.4	64QAM	3	3	20.90	20.44	20.51			
1.4	64QAM	6	0	19.56	19.72	19.48			
1.4	64QAM	6	0	19.56	19.72	19.48	21	3	

Band 48_Ant3									
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	3509	3641	3690		
20	QPSK	1	0	21.79	21.68	21.72	21.78		
20	QPSK	1	49	21.74	22.00	21.73	21.74		
20	QPSK	1	99	21.66	21.76	21.59	21.80	23	0
20	QPSK	50	0	21.68	21.95	21.80	21.84		
20	QPSK	50	24	21.72	21.91	21.71	21.84		
20	QPSK	50	50	21.80	21.81	21.84	21.81		
20	QPSK	100	0	21.76	21.79	21.77	21.74	23	0
20	16QAM	1	0	21.63	21.83	21.83	21.76		
20	16QAM	1	49	21.75	21.84	21.77	21.82		
20	16QAM	1	99	21.83	21.85	21.83	21.94		
20	16QAM	50	0	20.92	20.74	20.84	20.96	22	1
20	16QAM	50	24	20.72	20.91	20.95	20.98		
20	16QAM	50	50	20.80	20.87	20.83	20.97		
20	16QAM	100	0	20.81	20.89	20.77	20.98		
20	64QAM	1	0	20.72	20.78	20.90	20.83	22	1
20	64QAM	1	49	20.90	20.81	20.95	20.81		
20	64QAM	1	99	20.75	20.72	20.90	20.69		
20	64QAM	50	0	19.83	19.79	19.97	19.83		
20	64QAM	50	24	19.95	19.94	20.03	19.86	21	2
20	64QAM	50	50	19.84	19.84	19.90	19.88		
20	64QAM	100	0	19.88	19.84	19.99	19.84		
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3508	3642	3692.5		
15	QPSK	1	0	21.73	21.67	21.66	21.77		
15	QPSK	1	37	21.83	21.79	21.73	21.70		
15	QPSK	1	74	21.84	21.61	21.60	21.69	23	0
15	QPSK	36	0	21.66	21.74	21.75	21.54		
15	QPSK	36	20	21.84	21.75	21.85	21.92		
15	QPSK	36	39	21.74	21.96	21.63	21.88		
15	QPSK	75	0	21.75	21.88	21.92	21.71	23	0
15	16QAM	1	0	21.81	21.69	21.72	21.58		
15	16QAM	1	37	21.92	21.78	21.83	21.97		
15	16QAM	1	74	21.86	21.74	21.87	21.74		
15	16QAM	36	0	20.83	20.78	20.88	20.97	22	1
15	16QAM	36	20	20.88	20.65	20.73	20.85		
15	16QAM	36	39	20.67	20.69	20.79	20.63		
15	16QAM	75	0	20.71	20.75	20.78	20.66		
15	64QAM	1	0	20.79	20.92	20.87	20.73	22	1
15	64QAM	1	37	20.87	20.82	20.63	20.84		
15	64QAM	1	74	20.62	20.69	20.64	20.85		
15	64QAM	36	0	19.70	19.66	20.14	19.87		
15	64QAM	36	20	19.81	20.16	19.95	19.83	21	2
15	64QAM	36	39	20.01	20.04	19.84	19.76		
15	64QAM	75	0	19.99	19.75	19.86	19.61		
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3507.5	3642.5	3695		
10	QPSK	1	0	21.71	21.64	21.69	21.74		
10	QPSK	1	25	21.96	21.89	21.91	21.82		
10	QPSK	1	49	21.71	21.44	21.48	21.54	23	0
10	QPSK	25	0	21.52	21.61	21.52	21.46		
10	QPSK	25	12	21.57	21.64	21.65	21.64		
10	QPSK	25	25	21.68	21.68	21.53	21.74		
10	QPSK	50	0	21.55	21.73	21.73	21.60	23	0
10	16QAM	1	0	21.71	21.72	21.65	21.67		
10	16QAM	1	25	21.75	21.85	21.83	21.81		
10	16QAM	1	49	21.94	21.91	21.89	21.78		
10	16QAM	25	0	20.93	20.78	20.68	20.67	22	1
10	16QAM	25	12	20.95	20.79	20.82	20.92		
10	16QAM	25	25	20.78	20.72	20.71	20.72		
10	16QAM	50	0	20.90	20.83	20.85	20.90		
10	64QAM	1	0	20.69	20.76	20.84	20.60	22	1
10	64QAM	1	25	20.77	20.99	20.92	20.78		
10	64QAM	1	49	20.75	20.65	20.73	20.90		
10	64QAM	25	0	19.89	19.65	20.09	19.89		
10	64QAM	25	12	19.82	19.91	19.76	19.75	21	2
10	64QAM	25	25	20.21	20.20	19.89	20.05		
10	64QAM	50	0	20.02	19.94	19.96	19.78		
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3507	3643	3697.5		
5	QPSK	1	0	21.77	21.82	21.72	21.76		
5	QPSK	1	12	21.79	21.85	21.79	21.91		
5	QPSK	1	24	21.78	21.44	21.50	21.59	23	0
5	QPSK	12	0	21.84	21.85	21.76	21.67		
5	QPSK	12	7	21.78	21.85	21.83	21.83		
5	QPSK	12	13	21.89	21.85	21.72	21.88		
5	QPSK	25	0	21.68	21.96	21.82	21.79	23	0
5	16QAM	1	0	21.87	21.81	21.70	21.62		
5	16QAM	1	12	21.83	21.80	21.91	21.85		
5	16QAM	1	24	21.81	21.71	21.75	21.75		
5	16QAM	12	0	20.96	20.73	20.93	20.82	22	1
5	16QAM	12	7	20.88	20.99	20.88	20.94		
5	16QAM	12	13	20.66	20.72	20.66	20.56		
5	16QAM	25	0	20.78	20.77	20.81	20.78		
5	64QAM	1	0	20.86	20.83	20.85	20.90	22	1
5	64QAM	1	12	20.81	20.65	20.45	20.67		
5	64QAM	1	24	20.76	20.66	20.75	20.98		
5	64QAM	12	0	19.94	19.94	20.09	20.17		
5	64QAM	12	7	19.73	20.01	19.76	19.91	21	2
5	64QAM	12	13	19.92	20.13	19.83	19.90		
5	64QAM	25	0	20.05	19.85	19.95	19.79		

Reduced Power Mode for WWAN

Band		WCDMA II(DSI 2_standalone)			Ant 1		WCDMA V(DSI 2_standalone)			Ant 1	
TX Channel		9262	9400	9538	Tune-up Limit (dBm)		4132	4182	4233	Tune-up Limit (dBm)	
Rx Channel		9662	9800	9938			4357	4407	4458		
Frequency (MHz)		1852.4	1880	1907.6			826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	15.72	15.60	15.93	16.80		20.45	20.48	20.52	21.80	
3GPP Rel 99	RMC 12.2Kbps	15.74	15.84	16.12	16.80		20.52	20.54	20.57	21.80	
3GPP Rel 6	HSDPA Subtest-1	14.78	14.84	14.90	15.30		19.42	19.42	19.52	20.80	
3GPP Rel 6	HSDPA Subtest-2	14.82	14.85	14.91	15.80		19.43	19.44	19.56	20.80	
3GPP Rel 6	HSDPA Subtest-3	14.34	14.35	14.40	15.30		18.93	18.94	18.69	20.30	
3GPP Rel 6	HSDPA Subtest-4	14.28	14.37	14.44	15.30		18.94	18.92	19.04	20.30	
3GPP Rel 6	DC-HSDPA Subtest-1	14.62	14.68	14.67	15.80		19.42	19.33	19.30	20.80	
3GPP Rel 6	DC-HSDPA Subtest-2	14.66	14.76	14.91	15.80		19.42	19.23	19.46	20.80	
3GPP Rel 6	DC-HSDPA Subtest-3	14.33	14.30	14.23	15.30		18.90	18.78	18.62	20.30	
3GPP Rel 6	DC-HSDPA Subtest-4	14.22	14.28	14.19	15.30		18.71	18.87	18.82	20.30	
3GPP Rel 6	HSUPA Subtest-1	14.80	14.84	14.92	15.80		19.43	19.51	19.61	20.80	
3GPP Rel 6	HSUPA Subtest-2	12.79	12.84	12.96	13.80		17.48	17.49	17.60	18.80	
3GPP Rel 6	HSUPA Subtest-3	13.76	13.85	13.96	14.80		18.42	18.52	18.61	19.80	
3GPP Rel 6	HSUPA Subtest-4	12.81	12.84	12.97	13.80		17.48	17.48	17.60	18.80	
3GPP Rel 6	HSUPA Subtest-5	14.80	14.80	15.00	15.80		19.50	19.50	19.60	20.80	

Band 2(DSI 2_standalone)-Ant 1														
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 18700	Power Middle Ch. / Freq. 18900	Power High Ch. / Freq. 19100	Tune-up limit (dBm)	MPR (dB)						
Channel														
Frequency (MHz)														
20	QPSK	1	0	16.82	16.58	16.53	17.5	0						
20	QPSK	1	49	16.55	16.53	16.43								
20	QPSK	1	99	16.37	16.38	16.37								
20	QPSK	50	0	16.53	16.43	16.36								
20	QPSK	50	24	16.50	16.39	16.42	17.5	0						
20	QPSK	50	50	16.40	16.42	16.31								
20	QPSK	100	0	16.50	16.41	16.39								
20	16QAM	1	0	16.58	16.39	16.42								
20	16QAM	1	49	16.32	16.37	16.30	17.5	0						
20	16QAM	1	99	16.27	16.24	16.09								
20	16QAM	50	0	16.52	16.45	16.35								
20	16QAM	50	24	16.53	16.43	16.45								
20	16QAM	50	50	16.39	16.43	16.32	17.5	0						
20	16QAM	100	0	16.50	16.41	16.39								
20	64QAM	1	0	16.81	16.58	16.59								
20	64QAM	1	49	16.48	16.65	16.51								
20	64QAM	1	99	16.53	16.47	16.30	17.5	0						
20	64QAM	50	0	16.49	16.43	16.36								
20	64QAM	50	24	16.50	16.40	16.39								
20	64QAM	50	50	16.42	16.41	16.29								
20	64QAM	100	0	16.54	16.40	16.40								
Channel														
Frequency (MHz)														
15	QPSK	1	0	16.54	16.48	16.44	17.5	0						
15	QPSK	1	37	16.58	16.48	16.28								
15	QPSK	1	74	16.37	16.52	16.28								
15	QPSK	36	0	16.44	16.31	16.33								
15	QPSK	36	20	16.48	16.45	16.37	17.5	0						
15	QPSK	36	39	16.34	16.45	16.20								
15	QPSK	75	0	16.52	16.35	16.28								
15	16QAM	1	0	16.46	16.52	16.20								
15	16QAM	1	37	16.48	16.51	16.43	17.5	0						
15	16QAM	1	74	16.57	16.55	16.34								
15	16QAM	36	0	16.43	16.32	16.33								
15	16QAM	36	20	16.38	16.41	16.29								
15	16QAM	36	39	16.32	16.49	16.24	17.5	0						
15	16QAM	75	0	16.40	16.40	16.32								
15	64QAM	1	0	16.47	16.60	16.55								
15	64QAM	1	37	16.67	16.60	16.31								
15	64QAM	1	74	16.40	16.50	16.25	17.5	0						
15	64QAM	36	0	16.38	16.34	16.40								
15	64QAM	36	20	16.46	16.34	16.41								
15	64QAM	36	39	16.42	16.45	16.35								
15	64QAM	75	0	16.47	16.35	16.26	17.5	0						
Channel														
Frequency (MHz)														
10	QPSK	1	0	16.59	16.61	16.41	17.5	0						
10	QPSK	1	25	16.57	16.55	16.45								
10	QPSK	1	49	16.63	16.61	16.60								
10	QPSK	25	0	16.57	16.39	16.42								
10	QPSK	25	12	16.62	16.47	16.34	17.5	0						
10	QPSK	25	25	16.47	16.42	16.28								
10	QPSK	50	0	16.53	16.51	16.24								
10	16QAM	1	0	16.39	16.55	16.46								
10	16QAM	1	25	16.54	16.48	16.62	17.5	0						
10	16QAM	1	49	16.38	16.53	16.54								
10	16QAM	25	0	16.64	16.54	16.42								
10	16QAM	25	12	16.47	16.59	16.46								
10	16QAM	25	25	16.60	16.40	16.48	17.5	0						
10	16QAM	50	0	16.58	16.44	16.23								
10	64QAM	1	0	16.52	16.69	16.68								
10	64QAM	1	25	16.30	16.76	16.13								
10	64QAM	1	49	16.54	16.65	16.27	17.5	0						
10	64QAM	25	0	16.62	16.44	16.45								
10	64QAM	25	12	16.49	16.47	16.34								
10	64QAM	25	25	16.55	16.46	16.39								
10	64QAM	50	0	16.63	16.56	16.26	17.5	0						
Channel														
Frequency (MHz)														
5	QPSK	1	0	16.59	16.66	16.61	17.5	0						
5	QPSK	1	12	16.63	16.56	16.42								
5	QPSK	1	24	16.58	16.54	16.23								
5	QPSK	12	0	16.76	16.74	16.55								
5	QPSK	12	7	16.77	16.78	16.68	17.5	0						
5	QPSK	12	13	16.69	16.70	16.56								
5	QPSK	25	0	16.61	16.49	16.28								
5	16QAM	1	0	16.49	16.49	16.38								
5	16QAM	1	12	16.38	16.57	16.55	17.5	0						
5	16QAM	1	24	16.52	16.41	16.31								
5	16QAM	12	0	16.52	16.51	16.42								
5	16QAM	12	7	16.53	16.52	16.46								
5	16QAM	12	13	16.48	16.51	16.63	17.5	0						
5	16QAM	25	0	16.50	16.45	16.28								
5	64QAM	1	0	16.51	16.48	16.47								
5	64QAM	1	12	16.54	16.52	16.48								
5	64QAM	1	24	16.62	16.49	16.39	17.5	0						
5	64QAM	12	0	16.51	16.52	16.71								
5	64QAM	12	7	16.55	16.52	16.50								
5	64QAM	12	13	16.52	16.57	16.59								
5	64QAM	25	0	16.28	16.10	15.95	17.5	0						
Channel														
Frequency (MHz)														
3	QPSK	1	0	16.48	16.57	16.54	17.5	0						
3	QPSK	1	8	16.65	16.49	16.31								
3	QPSK	1	14	16.53	16.60	16.24								
3	QPSK	8	0	16.60	16.41	16.39								
3	QPSK	8	7	16.30	16.51	16.31	17.5	0						
3	QPSK	8	7	16.30	16.41	16.17								
3	QPSK	16	0	16.52	16.38	16.25								
3	16QAM	1	0	16.39	16.55	16.54								
3	16QAM	1	8	16.49	16.38	16.27	17.5	0						
3	16QAM	1	14	16.49	16.34	16.49								
3	16QAM	8	0	16.69	16.41	16.25								
3	16QAM	8	4	16.40	16.52	16.37								
3	16QAM	8	7	16.49	16.42	16.22	17.5	0						
3	16QAM	15	0	16.67	16.48	16.35								
3	64QAM	1	0	16.63	16.55	16.50								
3	64QAM	1	8	16.56	16.54	16.26								
3	64QAM	1	14	16.58	16.63	16.32	17.5	0						
3	64QAM	8	0	16.40	16.40	16.46								
3	64QAM	8	4	16.75	16.50	16.42								
3	64QAM	8	7	16.56	16.44	16.30								
3	64QAM	15	0	16.48	16.48	16.22								
Channel														
Frequency (MHz)														
1.4	QPSK	1	0	16.51	16.58	16.35	17.5	0						
1.4	QPSK	1	3	16.74	16.55	16.23								
1.4	QPSK	1	5	16.47	16.52	16.37								
1.4	QPSK	3	0	16.76	16.71	16.47								
1.4	QPSK	3	1	16.80	16.79	16.54	17.5	0						
1.4	QPSK	3	3	16.75	16.66	16.52								
1.4	QPSK	6	0	16.49	16.41	16.13								
1.4	QPSK	6	0	16.44	16.57	16.50								
1.4	16QAM	3	3	16.46	16.55	16.43	17.5	0						
1.4	16QAM	3	1	16.40	16.68	16.40								
1.4	16QAM	3	0	16.56	16.44	16.49								
1.4	16QAM	3	1	16.52	16.40	16.57								
1.4	16QAM	3	3	16.54	16.59	16.44	17.5	0						
1.4	16QAM	6	0	16.40	16.29	16.20								
1.4	64QAM	1	0	16.79	16.72	16.21								
1.4	64QAM	1	3	16.63	16.75	16.41								
1.4	64QAM	1	5	16.70	16.65	16.45	17.5	0						
1.4	64QAM	3	0	16.65	16.63	16.45								
1.4	64QAM	3	1	16.66	16.39	16.36								
1.4	64QAM	3	3	16.67	16.67	16.29								
1.4	64QAM	6	0	16.51	16.40	16.15	17.5	0						

Band 12(DSI 2_standalone)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.66	22.52	22.50	24	0	
10	QPSK	1	25	22.52	22.51	22.41			
10	QPSK	1	49	22.50	22.46	22.35			
10	QPSK	25	0	21.71	21.63	21.63			
10	QPSK	25	12	21.70	21.61	21.60	23	1	
10	QPSK	25	25	21.68	21.62	21.54			
10	QPSK	50	0	21.68	21.60	21.52			
10	16QAM	1	0	21.95	21.93	21.93			
10	16QAM	1	25	21.88	21.89	21.83	23	1	
10	16QAM	1	49	21.91	21.85	21.78			
10	16QAM	25	0	20.61	20.64	20.57			
10	16QAM	25	12	20.74	20.64	20.63			
10	16QAM	25	25	20.68	20.64	20.56	22	2	
10	16QAM	50	0	20.69	20.60	20.50			
10	64QAM	1	0	20.80	20.78	20.76			
10	64QAM	1	25	20.74	20.77	20.65			
10	64QAM	1	49	20.82	20.74	20.67	22	2	
10	64QAM	25	0	19.67	19.65	19.57			
10	64QAM	25	12	19.72	19.67	19.64			
10	64QAM	25	25	19.70	19.66	19.58			
10	64QAM	50	0	19.70	19.61	19.53	21	3	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.39	22.30	22.31	24	0	
5	QPSK	1	12	22.25	22.28	22.24			
5	QPSK	1	24	22.29	22.42	22.32			
5	QPSK	12	0	21.35	21.34	21.33			
5	QPSK	12	7	21.39	21.28	21.39	23	1	
5	QPSK	12	13	21.44	21.43	21.40			
5	QPSK	25	0	21.39	21.37	21.33			
5	16QAM	1	0	21.62	21.69	21.86			
5	16QAM	1	12	22.05	21.20	21.42	23	1	
5	16QAM	1	24	21.84	21.65	21.80			
5	16QAM	12	0	20.37	20.18	20.39			
5	16QAM	12	7	20.40	20.24	20.12			
5	16QAM	12	13	20.34	20.44	20.35	22	2	
5	16QAM	25	0	20.37	20.27	20.28			
5	64QAM	1	0	20.47	20.66	20.40			
5	64QAM	1	12	20.49	20.88	20.65			
5	64QAM	1	24	20.32	20.63	20.62	22	2	
5	64QAM	12	0	19.47	19.39	19.48			
5	64QAM	12	7	19.31	19.36	19.50			
5	64QAM	12	13	19.42	19.34	19.35			
5	64QAM	25	0	19.32	19.38	19.43	21	3	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.44	22.35	22.20	24	0	
3	QPSK	1	8	22.28	22.35	22.26			
3	QPSK	1	14	22.28	22.17	22.34			
3	QPSK	8	0	21.47	21.40	21.32			
3	QPSK	8	4	21.69	21.32	21.38	23	1	
3	QPSK	8	7	21.36	21.42	21.29			
3	QPSK	15	0	21.38	21.26	21.32			
3	16QAM	1	0	21.34	21.57	21.70			
3	16QAM	1	8	21.50	21.91	21.88	23	1	
3	16QAM	1	14	21.30	21.72	21.70			
3	16QAM	8	0	20.45	20.41	20.35			
3	16QAM	8	4	20.58	20.45	20.34			
3	16QAM	8	7	20.48	20.47	20.31	22	2	
3	16QAM	15	0	20.34	20.11	20.15			
3	64QAM	1	0	20.72	20.35	20.53			
3	64QAM	1	8	20.82	20.36	20.19			
3	64QAM	1	14	20.84	20.55	20.17	22	2	
3	64QAM	3	0	19.38	19.41	19.38			
3	64QAM	8	4	19.30	19.45	19.44			
3	64QAM	8	7	19.34	19.38	19.47			
3	64QAM	15	0	19.47	19.47	19.40	21	3	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	22.28	22.42	22.23	24	0	
1.4	QPSK	1	3	22.38	22.40	22.27			
1.4	QPSK	1	5	22.11	22.25	22.15			
1.4	QPSK	3	0	22.31	22.33	22.12			
1.4	QPSK	3	1	22.32	22.24	22.21	23	1	
1.4	QPSK	3	3	22.31	22.29	22.16			
1.4	QPSK	6	0	21.37	21.32	21.28			
1.4	16QAM	1	0	21.27	21.52	21.30			
1.4	16QAM	1	3	21.27	21.83	21.14	23	1	
1.4	16QAM	1	5	21.29	21.89	21.51			
1.4	16QAM	3	0	21.40	21.34	21.46			
1.4	16QAM	3	1	21.69	21.51	21.19			
1.4	16QAM	3	3	21.40	21.51	21.34	22	2	
1.4	16QAM	6	0	20.35	20.35	20.10			
1.4	64QAM	1	0	20.56	20.52	20.98			
1.4	64QAM	1	3	20.42	20.41	20.63			
1.4	64QAM	1	5	20.47	20.42	20.53	22	2	
1.4	64QAM	3	0	20.57	20.39	20.38			
1.4	64QAM	3	1	20.76	20.47	20.46			
1.4	64QAM	3	3	20.47	20.58	20.35			
1.4	64QAM	6	0	19.23	19.44	19.24	21	3	

Band 13(DSI 2_standalone)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (db)	
Channel				23230					
Frequency (MHz)				782					
10	QPSK	1	0		22.54		23.5	0	
10	QPSK	1	25		22.53				
10	QPSK	1	49		22.47				
10	QPSK	25	0		22.08		22.5	1	
10	QPSK	25	12		22.02				
10	QPSK	25	25		22.00				
10	QPSK	50	0		22.23		22.5	1	
10	16QAM	1	0		22.27				
10	16QAM	1	25		22.24				
10	16QAM	1	49		22.35		21.5	2	
10	16QAM	25	0		20.96				
10	16QAM	25	12		20.97				
10	16QAM	25	25		21.05		21.5	2	
10	16QAM	50	0		21.01				
10	64QAM	1	0		20.90				
10	64QAM	1	25		21.05		21.5	2	
10	64QAM	1	49		21.50				
10	64QAM	25	0		19.97				
10	64QAM	25	12		20.10		20.5	3	
10	64QAM	25	25		20.19				
10	64QAM	50	0		19.89				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (db)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	22.43	22.52	22.40	23.5	0	
5	QPSK	1	12	22.41	22.47	22.36			
5	QPSK	1	24	22.37	22.50	22.49			
5	QPSK	12	0	22.05	21.99	22.03	22.5	1	
5	QPSK	12	7	22.11	21.90	22.11			
5	QPSK	12	13	21.89	22.06	22.11			
5	QPSK	25	0	22.12	22.01	22.21	22.5	1	
5	16QAM	1	0	22.22	22.35	22.36			
5	16QAM	1	12	22.11	22.52	22.47			
5	16QAM	1	24	22.04	22.20	22.39	21.5	2	
5	16QAM	12	0	21.08	21.00	21.02			
5	16QAM	12	7	21.12	20.82	21.18			
5	16QAM	12	13	20.82	21.22	21.10	21.5	2	
5	16QAM	25	0	20.95	20.91	21.02			
5	64QAM	1	0	21.16	21.25	20.98			
5	64QAM	1	12	21.22	21.34	21.45	21.5	2	
5	64QAM	1	24	21.22	21.45	21.45			
5	64QAM	12	0	19.93	20.10	20.14			
5	64QAM	12	7	19.99	20.23	20.35	20.5	3	
5	64QAM	12	13	19.99	20.19	20.06			
5	64QAM	25	0	20.10	20.11	20.07			

Band 17(DSI 2_standalone)-Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	22.59	22.46	22.61	24	0	
10	QPSK	1	25	22.52	22.49	22.58			
10	QPSK	1	49	22.50	22.36	22.54			
10	QPSK	25	0	21.73	21.65	21.75			
10	QPSK	25	25	21.56	21.57	21.60	23	1	
10	QPSK	50	0	21.59	21.46	21.63			
10	16QAM	1	0	22.06	21.84	21.98			
10	16QAM	1	25	22.10	21.73	21.82			
10	16QAM	1	49	22.02	21.41	21.80	23	1	
10	16QAM	25	0	21.09	21.18	21.29			
10	16QAM	25	12	21.21	21.20	21.40			
10	16QAM	25	25	21.10	21.12	20.96			
10	16QAM	50	0	21.14	21.19	21.20	22	2	
10	64QAM	1	0	21.27	21.41	20.95			
10	64QAM	1	25	21.26	21.60	21.29			
10	64QAM	1	49	21.10	20.97	21.11			
10	64QAM	25	0	20.19	20.10	20.28	21	3	
10	64QAM	25	12	20.41	20.16	20.25			
10	64QAM	25	25	20.24	20.06	20.11			
10	64QAM	50	0	20.19	20.13	20.00			
Channel				23755	23790	23825	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	22.56	22.53	22.55	24	0	
5	QPSK	1	12	22.55	22.56	22.33			
5	QPSK	1	24	22.60	22.39	22.34			
5	QPSK	12	0	21.63	21.66	21.60			
5	QPSK	12	7	21.68	21.57	21.53	23	1	
5	QPSK	12	13	21.58	21.58	21.46			
5	QPSK	25	0	21.70	21.61	21.48			
5	16QAM	1	0	21.98	22.02	21.96			
5	16QAM	1	12	21.81	21.75	22.03	23	1	
5	16QAM	1	24	21.69	21.56	21.80			
5	16QAM	12	0	21.14	21.14	21.30			
5	16QAM	12	7	21.25	21.06	21.14			
5	16QAM	12	13	21.23	21.09	20.86	22	2	
5	16QAM	25	0	21.24	21.09	21.04			
5	64QAM	1	0	21.58	21.58	21.09			
5	64QAM	1	12	21.57	21.49	21.16			
5	64QAM	1	24	21.51	21.28	21.10	21	3	
5	64QAM	12	0	20.41	20.25	20.16			
5	64QAM	12	7	20.38	20.17	20.17			
5	64QAM	12	13	20.28	20.17	20.02			
5	64QAM	25	0	20.19	20.05	20.12			

Band 66(DSI 2_standalone)-Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power Freq. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	15.19	15.39	15.09	16.4	0			
20	QPSK	1	49	15.18	15.25	15.07					
20	QPSK	1	99	15.13	15.07	14.95					
20	QPSK	50	0	15.09	15.13	15.03					
20	QPSK	50	24	15.04	14.99	14.90	16.4	0			
20	QPSK	50	50	14.99	14.97	14.84					
20	QPSK	100	0	15.01	15.06	14.85					
20	16QAM	1	0	15.20	15.31	15.17					
20	16QAM	1	49	15.23	15.22	15.12	16.4	0			
20	16QAM	1	99	15.17	14.94	14.95					
20	16QAM	50	0	14.98	14.99	14.81					
20	16QAM	50	24	15.01	14.96	14.88					
20	16QAM	50	50	14.95	14.94	14.80	16.4	0			
20	16QAM	100	0	14.99	14.96	14.84					
20	64QAM	1	0	15.26	15.33	15.05					
20	64QAM	1	49	15.12	15.09	14.98	16.4	0			
20	64QAM	1	99	15.28	14.81	14.86					
20	64QAM	50	0	14.96	14.98	14.81					
20	64QAM	50	24	15.01	14.97	14.89					
20	64QAM	50	50	14.96	14.93	14.82	16.4	0			
20	64QAM	100	0	15.01	14.92	14.86					
Channel				132047	132322	132597					
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	15.00	14.83	15.02	16.4	0			
15	QPSK	1	37	15.14	15.13	15.24					
15	QPSK	1	74	14.92	14.84	14.90					
15	QPSK	36	0	14.89	14.94	14.89					
15	QPSK	36	20	15.07	14.91	14.90	16.4	0			
15	QPSK	36	39	14.99	14.88	14.77					
15	QPSK	75	0	15.10	15.04	14.85					
15	16QAM	1	0	15.26	15.26	15.24					
15	16QAM	1	37	14.76	15.29	15.14	16.4	0			
15	16QAM	1	74	15.28	15.25	15.24					
15	16QAM	36	0	14.97	15.05	14.84					
15	16QAM	36	20	14.98	14.93	14.84					
15	16QAM	36	39	14.98	14.95	14.74	16.4	0			
15	16QAM	75	0	14.96	14.99	14.83					
15	64QAM	1	0	15.27	15.06	15.20					
15	64QAM	1	37	15.28	15.17	14.62	16.4	0			
15	64QAM	1	74	15.27	15.17	14.95					
15	64QAM	36	0	15.01	14.96	14.73					
15	64QAM	36	20	15.04	15.04	14.91					
15	64QAM	36	39	14.97	14.99	14.85	16.4	0			
15	64QAM	75	0	15.04	14.92	14.65					
Channel				132022	132322	132622					
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	15.05	14.96	15.07	16.4	0			
10	QPSK	1	25	15.18	15.24	15.14					
10	QPSK	1	49	15.22	14.82	15.00					
10	QPSK	25	0	15.14	15.09	14.81					
10	QPSK	25	12	15.27	15.04	14.89	16.4	0			
10	QPSK	25	25	15.10	15.05	15.02					
10	QPSK	50	0	15.07	15.19	14.88					
10	16QAM	1	0	15.15	14.92	15.22					
10	16QAM	1	25	14.78	15.14	15.30	16.4	0			
10	16QAM	1	49	14.81	15.21	15.20					
10	16QAM	25	0	15.14	15.18	14.89					
10	16QAM	25	12	15.12	14.99	15.00					
10	16QAM	25	25	15.26	15.01	14.88	16.4	0			
10	16QAM	50	0	15.10	15.04	14.91					
10	64QAM	1	0	15.31	15.26	15.01					
10	64QAM	1	25	15.29	15.00	14.65					
10	64QAM	1	49	15.29	14.37	14.73	16.4	0			
10	64QAM	25	0	15.11	15.15	14.88					
10	64QAM	25	12	15.11	15.15	15.04					
10	64QAM	25	25	15.02	15.21	15.01					
10	64QAM	50	0	15.22	15.24	14.77					
Channel				131997	132322	132647					
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	14.98	14.95	15.21	16.4	0			
5	QPSK	1	12	15.00	15.11	15.29					
5	QPSK	1	24	14.92	15.05	15.15					
5	QPSK	12	0	15.27	15.16	15.25					
5	QPSK	12	7	15.24	15.28	15.25	16.4	0			
5	QPSK	12	13	15.17	15.26	15.27					
5	QPSK	25	0	14.94	15.15	14.95	16.4	0			
5	16QAM	1	0	15.25	15.20	15.23					
5	16QAM	1	12	14.95	15.27	15.18					
5	16QAM	1	24	14.81	15.21	15.22					
5	16QAM	12	0	15.09	15.21	15.16	16.4	0			
5	16QAM	12	7	15.05	15.26	15.27					
5	16QAM	12	13	15.27	15.19	15.19					
5	16QAM	25	0	14.82	15.26	15.16					
5	64QAM	1	0	15.17	15.28	15.28	16.4	0			
5	64QAM	1	12	15.19	15.23	15.13					
5	64QAM	1	24	15.12	14.63	15.28					
5	64QAM	12	0	15.12	15.20	15.10					
5	64QAM	12	7	15.25	15.20	15.30	16.4	0			
5	64QAM	12	13	15.26	15.21	15.28					
5	64QAM	25	0	15.05	15.12	15.01					
Channel				131987	132322	132657					
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	15.15	14.84	14.63	16.4	0			
3	QPSK	1	8	14.91	14.95	14.94					
3	QPSK	1	14	15.01	14.98	14.70					
3	QPSK	8	0	14.79	14.68	14.69					
3	QPSK	8	4	15.10	14.76	14.65	16.4	0			
3	QPSK	8	7	14.87	14.84	14.67					
3	QPSK	15	0	14.83	14.72	14.66					
3	16QAM	1	0	15.21	15.13	15.22					
3	16QAM	1	8	15.09	15.24	14.79	16.4	0			
3	16QAM	1	14	15.24	15.20	14.99					
3	16QAM	8	0	14.63	14.88	14.65					
3	16QAM	8	4	14.90	14.88	14.53					
3	16QAM	8	7	14.92	14.92	14.62	16.4	0			
3	16QAM	15	0	14.79	14.77	14.73					
3	16QAM	1	0	15.20	15.20	15.10					
3	16QAM	1	8	15.16	15.05	14.74					
3	64QAM	1	0	15.23	14.79	14.61	16.4	0			
3	64QAM	8	0	14.87	14.79	14.61					
3	64QAM	8	4	15.10	15.03	14.63					
3	64QAM	8	7	15.06	14.91	14.43					
3	64QAM	15	0	15.02	14.90	14.74					
Channel				131979	132322	132665					
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	15.02	14.94	14.94	16.4	0			
1.4	QPSK	1	3	15.14	15.19	15.30					
1.4	QPSK	1	5	15.13	14.98	14.83					
1.4	QPSK	3	0	15.23	15.29	15.23					
1.4	QPSK	3	1	15.21	15.31	15.29	16.4	0			
1.4	QPSK	3	3	15.23	15.24	15.07					
1.4	QPSK	6	0	14.97	15.05	14.84					
1.4	QPSK	1	0	15.02	14.98	15.22					
1.4	16QAM	1	3	15.18	15.25	14.95	16.4	0			
1.4	16QAM	1	5	15.33	15.24	15.25					
1.4	16QAM	3	0	15.18	15.01	15.15					
1.4	16QAM	3	1	15.27	15.16	15.16					
1.4	16QAM	3	3	15.30	15.26	14.98	16.4	0			
1.4	16QAM	6	0	15.08	15.29	15.15					
1.4	16QAM	1	0	15.01	15.16	14.95					
1.4	16QAM	1	3	15.03	14.96	14.86					
1.4	64QAM	1	5	15.03	14.97	14.75	16.4	0			
1.4	64QAM	3	0	15.03	15.26	14.87					
1.4	64QAM	3	1	15.14	15.22	14.97					
1.4	64QAM	3	3	15.09	15.11	14.84					
1.4	64QAM	6	0	15.04	15.06	14.77	16.4	0			

Band 48(DSI 2_standalone)_FCC										
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	3509	3641	3690			
20	QPSK	1	0	21.79	21.68	21.72	21.78	23	0	
20	QPSK	1	49	21.74	22.00	21.73	21.74			
20	QPSK	1	99	21.66	21.76	21.59	21.80			
20	QPSK	50	0	21.68	21.95	21.80	21.84			
20	QPSK	50	24	21.72	21.91	21.71	21.84	23	0	
20	QPSK	50	50	21.80	21.81	21.84	21.81			
20	QPSK	100	0	21.76	21.79	21.77	21.74			
20	16QAM	1	0	21.63	21.83	21.83	21.76			
20	16QAM	1	49	21.75	21.84	21.77	21.82	23	0	
20	16QAM	1	99	21.83	21.85	21.83	21.94			
20	16QAM	50	0	20.92	20.74	20.84	20.96			
20	16QAM	50	24	20.72	20.91	20.95	20.98			
20	16QAM	50	50	20.80	20.87	20.83	20.97	22	1	
20	16QAM	100	0	20.81	20.89	20.77	20.98			
20	64QAM	1	0	20.72	20.78	20.90	20.83			
20	64QAM	1	49	20.90	20.81	20.95	20.81			
20	64QAM	1	99	20.75	20.72	20.90	20.69	22	1	
20	64QAM	50	0	19.83	19.79	19.97	19.83			
20	64QAM	50	24	19.95	19.94	20.03	19.86			
20	64QAM	50	50	19.84	19.84	19.90	19.88			
20	64QAM	100	0	19.88	19.84	19.99	19.84			
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3508	3642	3692.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	21.73	21.67	21.66	21.77	23	0	
15	QPSK	1	37	21.83	21.79	21.73	21.70			
15	QPSK	1	74	21.84	21.61	21.60	21.69			
15	QPSK	36	0	21.66	21.74	21.75	21.54			
15	QPSK	36	20	21.84	21.75	21.85	21.92	23	0	
15	QPSK	36	39	21.74	21.96	21.63	21.88			
15	QPSK	75	0	21.75	21.88	21.92	21.71			
15	16QAM	1	0	21.81	21.69	21.72	21.58			
15	16QAM	1	37	21.92	21.78	21.83	21.97	23	0	
15	16QAM	1	74	21.86	21.74	21.87	21.74			
15	16QAM	36	0	20.83	20.78	20.88	20.97			
15	16QAM	36	20	20.88	20.65	20.73	20.85			
15	16QAM	36	39	20.67	20.69	20.79	20.63	22	1	
15	16QAM	75	0	20.71	20.75	20.78	20.66			
15	64QAM	1	0	20.79	20.92	20.87	20.73			
15	64QAM	1	37	20.87	20.82	20.63	20.84			
15	64QAM	1	74	20.62	20.69	20.64	20.85	22	1	
15	64QAM	36	0	19.70	19.66	20.14	19.87			
15	64QAM	36	20	19.81	20.16	19.95	19.83			
15	64QAM	36	39	20.01	20.04	19.84	19.76			
15	64QAM	75	0	19.99	19.75	19.86	19.61			
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3507.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	21.71	21.64	21.69	21.74	23	0	
10	QPSK	1	25	21.96	21.89	21.91	21.82			
10	QPSK	1	49	21.71	21.44	21.48	21.54			
10	QPSK	25	0	21.52	21.61	21.52	21.46			
10	QPSK	25	12	21.57	21.64	21.65	21.64	23	0	
10	QPSK	25	25	21.68	21.68	21.53	21.74			
10	QPSK	50	0	21.55	21.73	21.73	21.60			
10	16QAM	1	0	21.71	21.72	21.65	21.67			
10	16QAM	1	25	21.75	21.85	21.83	21.81	23	0	
10	16QAM	1	49	21.94	21.91	21.89	21.78			
10	16QAM	25	0	20.93	20.78	20.68	20.67			
10	16QAM	25	12	20.95	20.79	20.82	20.92			
10	16QAM	25	25	20.78	20.72	20.71	20.72	22	1	
10	16QAM	50	0	20.90	20.83	20.85	20.90			
10	64QAM	1	0	20.69	20.76	20.84	20.60			
10	64QAM	1	25	20.77	20.99	20.92	20.78			
10	64QAM	1	49	20.75	20.65	20.73	20.90	21	2	
10	64QAM	25	0	19.89	19.65	20.09	19.89			
10	64QAM	25	12	19.82	19.91	19.76	19.75			
10	64QAM	25	25	20.21	20.20	19.89	20.05			
10	64QAM	50	0	20.02	19.94	19.96	19.78			
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3507	3643	3697.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	21.77	21.82	21.72	21.76	23	0	
5	QPSK	1	12	21.79	21.85	21.79	21.91			
5	QPSK	1	24	21.78	21.44	21.50	21.59			
5	QPSK	12	0	21.84	21.85	21.76	21.67			
5	QPSK	12	7	21.78	21.85	21.83	21.83	23	0	
5	QPSK	12	13	21.89	21.85	21.72	21.88			
5	QPSK	25	0	21.68	21.96	21.82	21.79			
5	16QAM	1	0	21.87	21.81	21.70	21.62			
5	16QAM	1	12	21.83	21.80	21.91	21.85	23	0	
5	16QAM	1	24	21.81	21.71	21.75	21.75			
5	16QAM	12	0	20.96	20.73	20.93	20.82			
5	16QAM	12	7	20.88	20.99	20.88	20.94			
5	16QAM	12	13	20.66	20.72	20.66	20.56	22	1	
5	16QAM	25	0	20.78	20.77	20.81	20.78			
5	64QAM	1	0	20.86	20.83	20.85	20.90			
5	64QAM	1	12	20.81	20.65	20.45	20.67			
5	64QAM	1	24	20.76	20.66	20.75	20.98	22	1	
5	64QAM	12	0	19.94	19.94	20.09	20.17			
5	64QAM	12	7	19.73	20.01	19.76	19.91			
5	64QAM	12	13	19.92	20.13	19.83	19.90			
5	64QAM	25	0	20.05	19.85	19.95	19.79			
Channel				55205	55805	56165	56705			

Band				WCDMA II(DSI 2_Sim-Tx)			Ant 1	WCDMA V(DSI 2_Sim-Tx)			Ant 1
TX Channel		9262	9400	9538	Tune-up Limit (dBm)		4132	4182	4233	Tune-up Limit (dBm)	
Rx Channel		9662	9800	9938			4357	4407	4458		
Frequency (MHz)		1552.4	1580	1607.6			826.4	836.4	846.6		
3GPP Rel 99	AMR 12.2Kbps	15.20	15.07	15.18	15.80		19.50	19.52	19.52	20.80	
3GPP Rel 99	RMC 12.2Kbps	15.24	15.11	15.25	15.80		19.51	19.54	19.55	20.80	
3GPP Rel 6	HSDPA Subtest-1	13.88	13.94	14.00	14.80		18.62	18.62	18.72	19.80	
3GPP Rel 6	HSDPA Subtest-2	13.92	13.95	14.01	14.80		18.63	18.64	18.76	19.80	
3GPP Rel 6	HSDPA Subtest-3	13.44	13.45	13.50	14.30		18.13	18.14	17.89	19.30	
3GPP Rel 6	HSDPA Subtest-4	13.39	13.47	13.54	14.30		18.14	18.12	18.24	19.30	
3GPP Rel 8	DC-HSDPA Subtest-1	13.72	13.78	13.77	14.80		18.62	18.53	18.50	19.80	
3GPP Rel 8	DC-HSDPA Subtest-2	13.76	13.86	14.01	14.80		18.62	18.43	18.66	19.80	
3GPP Rel 8	DC-HSDPA Subtest-3	13.43	13.40	13.33	14.30		18.10	17.98	17.82	19.30	
3GPP Rel 8	DC-HSDPA Subtest-4	13.32	13.38	13.29	14.30		17.91	18.07	18.12	19.30	
3GPP Rel 6	HSUPA Subtest-1	13.90	13.94	14.02	14.80		18.63	18.71	18.81	19.80	
3GPP Rel 6	HSUPA Subtest-2	11.89	11.94	12.06	12.80		16.68	16.69	16.80	17.80	
3GPP Rel 6	HSUPA Subtest-3	12.86	12.95	13.06	13.80		17.62	17.72	17.81	18.80	
3GPP Rel 6	HSUPA Subtest-4	11.91	11.94	12.07	12.80		16.68	16.68	16.80	17.80	
3GPP Rel 6	HSUPA Subtest-5	13.90	13.90	14.10	14.80		18.70	18.70	18.80	19.80	

Band 2(DSI 2_Sim-Tx)-Ant 1												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				18700	18900	19100						
Frequency (MHz)				1860	1880	1900						
20	QPSK	1	0	15.85	15.78	15.74	16.5	0				
20	QPSK	1	49	15.27	15.28	15.16						
20	QPSK	1	99	15.15	15.14	15.10						
20	QPSK	50	0	15.79	15.72	15.69						
20	QPSK	50	24	15.46	15.36	15.25						
20	QPSK	50	50	15.38	15.36	15.22	16.5	0				
20	QPSK	100	0	15.66	15.36	15.31						
20	16QAM	1	0	15.73	15.63	15.61						
20	16QAM	1	49	15.65	15.60	15.49						
20	16QAM	1	99	15.52	15.47	15.29						
20	16QAM	50	0	15.50	15.40	15.29	16.5	0				
20	16QAM	50	24	15.51	15.35	15.29						
20	16QAM	50	50	15.46	15.32	15.28						
20	16QAM	100	0	15.67	15.54	15.41						
20	64QAM	1	49	15.51	15.50	15.34						
20	64QAM	1	99	15.39	15.39	15.15	16.5	0				
20	64QAM	50	0	15.52	15.39	15.29						
20	64QAM	50	24	15.50	15.36	15.32						
20	64QAM	50	50	15.39	15.35	15.19						
20	64QAM	100	0	15.49	15.34	15.28						
Channel				1867.5	1890	1912.5	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				1867.5	1880	1902.5						
15	QPSK	1	0	15.44	15.36	15.09	16.5	0				
15	QPSK	1	37	15.41	15.16	15.08						
15	QPSK	1	74	15.09	15.09	15.07						
15	QPSK	36	0	15.44	15.41	15.15						
15	QPSK	36	20	15.48	15.45	15.27						
15	QPSK	36	39	15.31	15.48	15.09	16.5	0				
15	QPSK	75	0	15.44	15.40	15.23						
15	16QAM	1	0	15.62	15.80	15.20						
15	16QAM	1	37	15.47	15.78	15.09						
15	16QAM	1	74	15.83	15.82	15.07						
15	16QAM	36	0	15.47	15.29	15.39	16.5	0				
15	16QAM	36	20	15.81	15.30	15.29						
15	16QAM	36	39	15.28	15.52	15.26						
15	16QAM	75	0	15.37	15.35	15.17						
15	64QAM	1	0	15.60	15.56	15.34						
15	64QAM	1	37	15.62	15.66	15.06	16.5	0				
15	64QAM	1	74	15.24	15.75	15.04						
15	64QAM	36	0	15.54	15.35	15.31						
15	64QAM	36	20	15.50	15.29	15.36						
15	64QAM	36	39	15.35	15.37	15.23						
15	64QAM	75	0	15.33	15.29	15.17	16.5	0				
Channel				1865.0	1890	1915.0			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1865.0	1880	1905.0						
10	QPSK	1	0	15.42	15.48	15.06	16.5	0				
10	QPSK	1	25	15.48	15.25	15.19						
10	QPSK	1	49	15.35	15.19	15.41						
10	QPSK	25	0	15.66	15.47	15.31						
10	QPSK	25	12	15.58	15.45	15.23						
10	QPSK	25	25	15.42	15.38	15.20	16.5	0				
10	QPSK	50	0	15.50	15.52	15.19						
10	16QAM	1	0	15.71	15.66	15.48						
10	16QAM	1	25	15.78	15.66	15.23						
10	16QAM	1	49	15.64	15.50	15.52						
10	16QAM	25	0	15.67	15.55	15.49	16.5	0				
10	16QAM	25	12	15.72	15.47	15.45						
10	16QAM	25	25	15.55	15.40	15.51						
10	16QAM	50	0	15.62	15.45	15.09						
10	64QAM	1	0	15.59	15.57	15.49						
10	64QAM	1	25	15.70	15.79	15.10	16.5	0				
10	64QAM	1	49	15.35	15.56	15.06						
10	64QAM	25	0	15.62	15.41	15.38						
10	64QAM	25	12	15.55	15.32	15.20						
10	64QAM	25	25	15.54	15.39	15.27						
10	64QAM	50	0	15.50	15.55	15.17	16.5	0				
Channel				1862.5	1890	1917.5			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1862.5	1880	1907.5						
5	QPSK	1	0	15.45	15.47	15.28	16.5	0				
5	QPSK	1	12	15.49	15.27	15.18						
5	QPSK	1	24	15.25	15.19	15.04						
5	QPSK	12	0	15.79	15.68	15.85						
5	QPSK	12	7	15.80	15.78	15.66						
5	QPSK	12	13	15.69	15.70	15.72	16.5	0				
5	QPSK	25	0	15.55	15.54	15.26						
5	16QAM	1	0	15.36	15.36	15.18						
5	16QAM	1	12	15.58	15.75	15.09						
5	16QAM	1	24	15.60	15.37	15.11						
5	16QAM	12	0	15.69	15.55	15.45	16.5	0				
5	16QAM	12	7	15.65	15.62	15.43						
5	16QAM	12	13	15.40	15.52	15.32						
5	16QAM	25	0	15.22	15.51	15.21						
5	64QAM	1	0	15.68	15.41	15.26						
5	64QAM	1	12	15.65	15.46	15.18	16.5	0				
5	64QAM	1	24	15.14	15.55	15.24						
5	64QAM	12	0	15.64	15.40	15.55						
5	64QAM	12	7	15.83	15.58	15.65						
5	64QAM	12	13	15.65	15.64	15.32						
5	64QAM	25	0	15.10	15.25	15.28	16.5	0				
Channel				1861.5	1890	1918.5			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1861.5	1880	1908.5						
3	QPSK	1	0	15.34	15.43	15.14	16.5	0				
3	QPSK	1	8	15.49	15.17	15.14						
3	QPSK	1	14	15.25	15.17	15.00						
3	QPSK	8	0	15.63	15.49	15.31						
3	QPSK	8	4	15.63	15.30	15.17						
3	QPSK	8	7	15.39	15.44	15.07	16.5	0				
3	QPSK	15	0	15.44	15.35	15.23						
3	16QAM	1	0	15.23	15.29	15.56						
3	16QAM	1	8	15.27	15.53	15.15						
3	16QAM	1	14	15.56	15.37	15.10						
3	16QAM	8	0	15.19	15.65	15.28	16.5	0				
3	16QAM	8	4	15.64	15.22	15.37						
3	16QAM	8	7	15.27	15.01	15.21						
3	16QAM	15	0	15.22	15.50	15.25						
3	64QAM	1	0	15.67	15.02	15.36						
3	64QAM	1	8	15.60	15.09	15.31	16.5	0				
3	64QAM	1	14	15.24	15.59	15.12						
3	64QAM	8	0	15.32	15.53	15.35						
3	64QAM	8	4	15.26	15.45	15.30						
3	64QAM	8	7	15.06	15.30	15.19						
3	64QAM	15	0	15.19	15.04	15.14	16.5	0				
Channel				1860.7	1890	1919.3			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1860.7	1880	1909.3						
1.4	QPSK	1	0	15.25	15.16	15.25	16.5	0				
1.4	QPSK	1	3	15.34	15.01	15.29						
1.4	QPSK	1	5	15.25	15.24	15.26						
1.4	QPSK	3	0	15.14	15.14	15.63	16.5	0				
1.4	QPSK	3	1	15.23	15.03	15.73						
1.4	QPSK	3	3	15.03	15.71	15.76						
1.4	QPSK	3	5	15.11	15.08	15.56						
1.4	16QAM	1	0	15.25	15.15	15.26						
1.4	16QAM	1	3	15.15	15.69	15.26	16.5	0				
1.4	16QAM	1	5	15.63	15.53	15.32						
1.4	16QAM	3	0	15.33	15.24	15.11						
1.4	16QAM	3	1	15.60	15.35	15.71						
1.4	16QAM	3	3	15.23	15.04	15.82						
1.4	64QAM	1	0	15.37	15.36	15.55	16.5	0				
1.4	64QAM	1	3	15.70	15.59	15.57						
1.4	64QAM	1	5	15.42	15.64	15.57						
1.4	64QAM	3	0	15.84	15.39	15.09						
1.4	64QAM	3	3	15.46	15.36	15.27						
1.4	64QAM	3	3	15.33	15.23	15.83	16.5	0				
1.4	64QAM	6	0	15.11	15.07	15.52						

Band 12(DSI 2_Sim-Tx)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130			
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	21.58	21.50	21.37	22.5	0	
10	QPSK	1	25	21.47	21.46	21.34			
10	QPSK	1	49	21.49	21.39	21.31			
10	QPSK	25	0	21.56	21.52	21.39			
10	QPSK	25	12	21.46	21.43	21.50			
10	QPSK	25	25	21.43	21.39	21.46	22.5	0	
10	QPSK	50	0	21.57	21.49	21.42			
10	16QAM	1	0	21.48	21.52	21.43			
10	16QAM	1	25	21.44	21.51	21.32			
10	16QAM	1	49	21.50	21.49	21.39			
10	16QAM	25	0	20.61	20.64	20.57	21.5	1	
10	16QAM	25	12	20.74	20.64	20.63			
10	16QAM	25	25	20.68	20.60	20.56			
10	16QAM	50	0	20.69	20.60	20.50			
10	64QAM	1	0	20.80	20.78	20.76			
10	64QAM	1	25	20.74	20.77	20.65	21.5	1	
10	64QAM	1	49	20.82	20.74	20.67			
10	64QAM	25	0	19.67	19.65	19.57			
10	64QAM	25	12	19.72	19.67	19.64			
10	64QAM	25	25	19.70	19.66	19.58			
10	64QAM	50	0	19.70	19.61	19.53	20.5	2	
Channel				23035	23095	23155			
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	21.25	21.22	21.22	22.5	0	
5	QPSK	1	12	21.25	21.20	21.16			
5	QPSK	1	24	21.33	21.37	21.32			
5	QPSK	12	0	21.40	21.57	21.39			
5	QPSK	12	7	21.26	21.18	21.27			
5	QPSK	12	13	21.24	21.39	21.29	22.5	0	
5	QPSK	25	0	21.30	21.23	21.25			
5	16QAM	1	0	21.48	21.30	21.34			
5	16QAM	1	12	21.34	21.08	21.21			
5	16QAM	1	24	21.21	21.24	21.38			
5	16QAM	12	0	20.37	20.18	20.39	21.5	1	
5	16QAM	12	7	20.40	20.24	20.12			
5	16QAM	12	13	20.34	20.44	20.35			
5	16QAM	25	0	20.37	20.27	20.28			
5	64QAM	1	0	20.47	20.66	20.40			
5	64QAM	1	12	20.49	20.88	20.65	21.5	1	
5	64QAM	1	24	20.32	20.63	20.62			
5	64QAM	12	0	19.47	19.39	19.48			
5	64QAM	12	7	19.31	19.36	19.30			
5	64QAM	12	13	19.42	19.34	19.35			
5	64QAM	25	0	19.32	19.38	19.43	20.5	2	
Channel				23025	23095	23165			
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	21.45	21.43	21.31	22.5	0	
3	QPSK	1	8	21.43	21.47	21.35			
3	QPSK	1	14	21.45	21.33	21.48			
3	QPSK	8	0	21.35	21.44	21.24			
3	QPSK	8	4	21.30	21.42	21.44			
3	QPSK	8	7	21.37	21.48	21.37	22.5	0	
3	QPSK	15	0	21.52	21.32	21.40			
3	16QAM	1	0	21.05	21.36	21.41			
3	16QAM	1	8	21.30	21.38	21.40			
3	16QAM	1	14	21.12	21.31	21.30			
3	16QAM	8	0	20.45	20.41	20.35	21.5	1	
3	16QAM	8	4	20.58	20.45	20.34			
3	16QAM	8	7	20.48	20.47	20.31			
3	16QAM	15	0	20.34	20.11	20.15			
3	64QAM	1	0	20.72	20.35	20.53			
3	64QAM	1	8	20.62	20.36	20.19	21.5	1	
3	64QAM	1	14	20.84	20.53	20.17			
3	64QAM	8	0	19.38	19.41	19.38			
3	64QAM	8	4	19.30	19.45	19.44			
3	64QAM	8	7	19.34	19.39	19.47			
3	64QAM	15	0	19.47	19.47	19.40	20.5	2	
Channel				23017	23095	23173			
Frequency (MHz)				699.7	707.5	715.3			
1.4	QPSK	1	0	21.31	21.53	21.27	22.5	0	
1.4	QPSK	1	3	21.55	21.51	21.36			
1.4	QPSK	1	5	21.33	21.36	21.33			
1.4	QPSK	3	0	21.53	21.47	21.36			
1.4	QPSK	3	1	21.39	21.12	21.33			
1.4	QPSK	3	3	21.33	21.11	21.23	22.5	0	
1.4	QPSK	6	0	21.46	21.39	21.34			
1.4	16QAM	1	0	21.35	21.40	21.28			
1.4	16QAM	1	3	21.33	21.29	21.16			
1.4	16QAM	1	5	21.41	21.57	21.39			
1.4	16QAM	3	0	21.39	21.19	21.33	22.5	0	
1.4	16QAM	3	1	21.57	21.41	21.12			
1.4	16QAM	3	3	21.30	21.46	21.21			
1.4	16QAM	6	0	20.35	20.35	20.10			
1.4	64QAM	1	0	20.56	20.52	20.98			
1.4	64QAM	1	3	20.42	20.41	20.63	21.5	1	
1.4	64QAM	1	5	20.47	20.42	20.53			
1.4	64QAM	3	0	20.57	20.39	20.38			
1.4	64QAM	3	1	20.76	20.47	20.46			
1.4	64QAM	3	3	20.47	20.58	20.35			
1.4	64QAM	6	0	19.23	19.44	19.24	20.5	2	

Band 13(DSI 2_Sim-Tx)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. Z3230	Power Middle Ch. / Freq. Z3230	Power High Ch. / Freq. Z3230	Tune-up limit (dbm)	MPR (dB)	
Channel					782				
Frequency (MHz)					21.37				
10	QPSK	1	0		21.37		22.5	0	
10	QPSK	1	25		21.06				
10	QPSK	1	49		21.16				
10	QPSK	25	0		21.20		22	0.5	
10	QPSK	25	12		21.12				
10	QPSK	25	25		21.19				
10	QPSK	50	0		21.17		22	0.5	
10	16QAM	1	0		21.28				
10	16QAM	1	25		21.26				
10	16QAM	1	49		21.34		21.5	1	
10	16QAM	25	0		20.50				
10	16QAM	25	12		20.63				
10	16QAM	25	25		20.70		21.5	1	
10	16QAM	50	0		20.66				
10	64QAM	1	0		21.18				
10	64QAM	1	25		21.22		20.5	2	
10	64QAM	1	49		21.23				
10	64QAM	25	0		19.97				
10	64QAM	25	12		20.10		20.5	2	
10	64QAM	25	25		20.19				
10	64QAM	50	0		19.89				
Channel				23205	23230	23255	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	20.86	20.95	20.79	22.5	0	
5	QPSK	1	12	20.89	20.98	20.85			
5	QPSK	1	24	21.05	21.17	21.17			
5	QPSK	12	0	20.95	20.88	20.94	22	0.5	
5	QPSK	12	7	21.20	21.03	21.19			
5	QPSK	12	13	21.12	21.24	21.34			
5	QPSK	25	0	21.09	20.99	21.20	22	0.5	
5	16QAM	1	0	21.21	21.32	21.20			
5	16QAM	1	12	21.08	21.24	21.24			
5	16QAM	1	24	21.11	21.32	21.31	21.5	1	
5	16QAM	12	0	20.62	20.54	20.54			
5	16QAM	12	7	20.74	20.51	20.86			
5	16QAM	12	13	20.52	20.88	20.74	21.5	1	
5	16QAM	25	0	20.65	20.60	20.72			
5	64QAM	1	0	21.26	21.30	21.24			
5	64QAM	1	12	21.34	21.25	21.23	20.5	2	
5	64QAM	1	24	21.33	21.21	21.32			
5	64QAM	12	0	19.93	20.10	20.14			
5	64QAM	12	7	19.99	20.23	20.35	20.5	2	
5	64QAM	12	13	19.99	20.19	20.06			
5	64QAM	25	0	20.10	20.11	20.07			

Band 17(DSI_2_Sim-Tx)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23780	23790	23800			
Frequency (MHz)				709	710	711			
10	QPSK	1	0	21.44	21.55	21.38	22.5	0	
10	QPSK	1	25	21.40	21.37	21.39			
10	QPSK	1	49	21.30	21.26	21.30			
10	QPSK	25	0	21.46	21.50	21.42			
10	QPSK	25	12	21.42	21.46	21.49	22.5	0	
10	QPSK	25	25	21.48	21.38	21.35			
10	QPSK	50	0	21.44	21.45	21.42			
10	16QAM	1	0	21.41	21.40	21.37			
10	16QAM	1	25	21.38	21.35	21.34	22.5	0	
10	16QAM	1	49	21.39	21.33	21.28			
10	16QAM	25	0	21.02	20.94	21.02			
10	16QAM	25	12	21.08	20.98	21.02			
10	16QAM	25	25	21.00	20.89	20.85	21.5	1	
10	16QAM	50	0	20.99	20.95	20.91			
10	64QAM	1	0	20.77	20.83	20.72			
10	64QAM	1	25	20.70	20.94	20.84			
10	64QAM	1	49	20.59	20.77	20.63	21.5	1	
10	64QAM	25	0	19.72	19.70	19.75			
10	64QAM	25	12	19.82	19.73	19.77			
10	64QAM	25	25	19.72	19.58	19.61			
10	64QAM	50	0	19.68	19.64	19.64	20.5	2	
Channel				23755	23790	23825			
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	21.46	21.49	21.28	22.5	0	
5	QPSK	1	12	21.46	21.41	21.18			
5	QPSK	1	24	21.44	21.32	21.06			
5	QPSK	12	0	21.03	21.24	21.12			
5	QPSK	12	7	21.25	21.09	21.04	22.5	0	
5	QPSK	12	13	21.22	21.08	20.92			
5	QPSK	25	0	21.25	21.31	20.93			
5	16QAM	1	0	21.38	21.26	21.39			
5	16QAM	1	12	21.14	21.32	21.27	22.5	0	
5	16QAM	1	24	21.05	21.20	21.33			
5	16QAM	12	0	21.03	20.88	20.99			
5	16QAM	12	7	21.08	20.87	20.75			
5	16QAM	12	13	21.15	20.81	20.72	21.5	1	
5	16QAM	25	0	21.14	20.87	20.80			
5	64QAM	1	0	21.03	21.24	21.03			
5	64QAM	1	12	20.96	21.17	20.91			
5	64QAM	1	24	21.03	21.21	21.09	21.5	1	
5	64QAM	12	0	19.98	19.81	19.65			
5	64QAM	12	7	19.78	19.72	19.67			
5	64QAM	12	13	19.81	19.88	19.55			
5	64QAM	25	0	19.67	19.85	19.80	20.5	2	

Band 66(DSI_2_Sim-Tx)-Ant 1										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	14.14	14.18	14.05	15.3	0		
20	QPSK	1	49	14.11	14.11	14.00				
20	QPSK	1	99	13.99	13.96	13.91				
20	QPSK	50	0	13.86	13.90	13.81				
20	QPSK	50	24	13.83	13.87	13.76	15.3	0		
20	QPSK	50	50	13.78	13.88	13.79				
20	QPSK	100	0	13.81	13.87	13.81				
20	16QAM	1	0	14.12	14.05	14.09				
20	16QAM	1	49	14.11	14.15	14.05	15.3	0		
20	16QAM	1	99	14.06	13.90	13.99				
20	16QAM	50	0	13.86	13.91	13.80				
20	16QAM	50	24	13.85	13.89	13.84				
20	16QAM	50	50	13.89	13.87	13.81	15.3	0		
20	16QAM	100	0	13.91	13.91	13.83				
20	64QAM	1	0	14.13	14.05	13.88				
20	64QAM	1	49	13.96	14.08	13.99	15.3	0		
20	64QAM	1	99	13.86	13.78	13.88				
20	64QAM	50	0	13.88	13.93	13.93				
20	64QAM	50	24	13.94	13.91	13.87				
20	64QAM	50	50	13.86	13.89	13.80	15.3	0		
20	64QAM	100	0	13.91	13.87	13.86				
Channel				132047	132322	132597				
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	13.73	14.02	14.06	15.3	0		
15	QPSK	1	37	14.14	13.98	13.77				
15	QPSK	1	74	13.98	14.02	13.79				
15	QPSK	36	0	13.49	13.60	13.62				
15	QPSK	36	20	13.76	13.71	13.50	15.3	0		
15	QPSK	36	39	13.60	13.77	13.61				
15	QPSK	75	0	13.73	13.60	13.62				
15	16QAM	1	0	13.89	13.86	13.88				
15	16QAM	1	37	14.13	14.02	13.81	15.3	0		
15	16QAM	1	74	14.10	13.82	14.17				
15	16QAM	36	0	13.64	13.69	13.86				
15	16QAM	36	20	13.64	13.68	13.78				
15	16QAM	36	39	13.69	13.76	13.78	15.3	0		
15	16QAM	75	0	13.64	13.77	13.62				
15	64QAM	1	0	13.61	13.75	13.92				
15	64QAM	1	37	13.71	14.10	13.68	15.3	0		
15	64QAM	1	74	14.00	13.97	13.75				
15	64QAM	36	0	13.78	13.78	13.66				
15	64QAM	36	20	13.81	13.69	13.87				
15	64QAM	36	39	13.74	13.84	13.79	15.3	0		
15	64QAM	75	0	13.69	13.58	13.63				
Channel				132022	132322	132622				
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	13.83	14.08	13.78	15.3	0		
10	QPSK	1	25	13.92	14.10	14.01				
10	QPSK	1	49	14.01	14.06	14.00				
10	QPSK	25	0	13.82	13.85	13.90				
10	QPSK	25	12	13.61	13.78	13.67	15.3	0		
10	QPSK	25	25	13.79	14.04	13.79				
10	QPSK	50	0	13.74	14.02	13.68				
10	16QAM	1	0	14.16	13.69	13.78				
10	16QAM	1	25	13.77	13.82	14.06	15.3	0		
10	16QAM	1	49	13.97	13.75	14.09				
10	16QAM	25	0	13.62	13.92	13.69				
10	16QAM	25	12	13.93	13.86	13.73				
10	16QAM	25	25	13.71	14.04	13.73	15.3	0		
10	16QAM	50	0	14.06	13.84	13.78				
10	64QAM	1	0	13.86	13.96	13.79				
10	64QAM	1	25	13.96	14.02	13.60				
10	64QAM	1	49	14.05	13.96	13.66	15.3	0		
10	64QAM	25	0	13.88	14.01	13.86				
10	64QAM	25	12	13.86	14.05	13.73				
10	64QAM	25	25	13.80	14.12	13.76				
10	64QAM	50	0	13.92	13.76	13.80	15.3	0		
Channel				131997	132322	132647				
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	13.97	14.09	14.11	15.3	0		
5	QPSK	1	12	13.82	14.11	13.92				
5	QPSK	1	24	14.03	13.91	13.81				
5	QPSK	12	0	13.71	13.81	13.85				
5	QPSK	12	7	13.76	13.62	13.72	15.3	0		
5	QPSK	12	13	13.94	13.84	13.77				
5	QPSK	25	0	13.80	13.80	13.72				
5	16QAM	1	0	13.71	13.79	13.90				
5	16QAM	1	12	13.53	13.78	13.76	15.3	0		
5	16QAM	1	24	13.99	13.38	13.82				
5	16QAM	12	0	13.90	13.87	13.80				
5	16QAM	12	7	13.80	13.69	13.83				
5	16QAM	12	13	13.84	13.83	13.79	15.3	0		
5	16QAM	25	0	13.85	13.78	13.61				
5	64QAM	1	0	14.00	14.02	13.96				
5	64QAM	1	12	14.05	13.95	13.81				
5	64QAM	1	24	14.17	13.93	13.70	15.3	0		
5	64QAM	12	0	14.07	13.88	13.71				
5	64QAM	12	7	13.87	13.81	13.93				
5	64QAM	12	13	13.85	14.06	13.91				
5	64QAM	25	0	13.71	14.01	13.70	15.3	0		
Channel				131987	132322	132657				
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	13.96	13.95	13.80	15.3	0		
3	QPSK	1	8	14.11	14.08	14.10				
3	QPSK	1	14	14.16	14.17	13.72				
3	QPSK	8	0	13.88	13.65	13.76				
3	QPSK	8	4	13.91	13.83	13.77	15.3	0		
3	QPSK	8	8	13.92	13.90	13.71				
3	QPSK	16	0	13.89	13.84	13.73				
3	16QAM	1	0	13.81	13.33	14.11				
3	16QAM	1	8	13.91	13.66	14.00	15.3	0		
3	16QAM	1	14	14.05	14.06	13.31				
3	16QAM	8	0	13.83	13.97	13.71				
3	16QAM	8	4	13.90	13.92	13.64				
3	16QAM	8	7	13.84	14.02	13.81	15.3	0		
3	16QAM	15	0	13.78	14.06	13.83				
3	64QAM	1	0	13.51	13.99	13.82				
3	64QAM	1	8	13.51	13.77	13.80				
3	64QAM	1	14	13.87	14.00	13.83	15.3	0		
3	64QAM	8	0	14.14	13.85	13.75				
3	64QAM	8	4	14.04	13.75	13.91				
3	64QAM	8	7	14.05	13.76	13.88				
3	64QAM	15	0	13.65	13.87	13.65	15.3	0		
Channel				131979	132322	132665				
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	13.85	13.97	13.77	15.3	0		
1.4	QPSK	1	3	14.12	14.09	14.03				
1.4	QPSK	1	5	14.05	14.07	13.77				
1.4	QPSK	3	0	13.65	13.64	13.62				
1.4	QPSK	3	1	13.72	13.96	13.61	15.3	0		
1.4	QPSK	3	3	13.71	13.97	13.57				
1.4	16QAM	1	0	13.93	13.73	13.75				
1.4	16QAM	1	3	13.73	13.38	13.79				
1.4	16QAM	3	0	13.70	13.90	13.73	15.3	0		
1.4	16QAM	3	1	13.81	13.84	14.03				
1.4	16QAM	3	3	13.78	14.06	13.84				
1.4	16QAM	6	0	13.68	13.83	13.72				
1.4	64QAM	1	0	13.77	13.71	13.75	15.3	0		
1.4	64QAM	1	3	13.95	13.85	13.76				
1.4	64QAM	1	5	13.71	13.90	13.75				
1.4	64QAM	3	0	13.91	13.99	13.75	15.3	0		
1.4	64QAM	3	1	14.15	13.98	13.51				
1.4	64QAM	3	3	13.97	14.15	13.86				
1.4	64QAM	6	0	13.64	13.86	13.56				

Band 48(DSI 2_Sim-Tx)_FCC										
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	22.5	0	
Frequency (MHz)				3560	3509	3641	3690			
20	QPSK	1	0	21.24	21.23	21.25	21.07			
20	QPSK	1	49	21.32	21.44	21.27	21.16			
20	QPSK	1	99	21.20	21.21	21.19	21.03	22.5	0	
20	QPSK	50	0	21.30	21.42	21.25	21.15			
20	QPSK	50	24	21.26	21.37	21.19	21.09			
20	QPSK	50	50	21.08	21.13	21.22	21.04			
20	16QAM	100	0	21.25	21.31	21.19	21.13	22.5	0	
20	16QAM	1	0	21.27	21.29	21.26	21.19			
20	16QAM	1	49	21.31	21.30	21.32	21.15			
20	16QAM	1	99	21.30	21.31	21.29	21.20			
20	16QAM	50	0	20.92	20.74	20.84	20.96	22	0.5	
20	16QAM	50	24	20.72	20.91	20.95	20.98			
20	16QAM	50	50	20.80	20.87	20.83	20.97			
20	16QAM	100	0	20.81	20.89	20.77	20.98			
20	64QAM	1	0	20.72	20.78	20.90	20.83	22	0.5	
20	64QAM	1	49	20.90	20.81	20.95	20.81			
20	64QAM	1	99	20.75	20.72	20.90	20.69			
20	64QAM	50	0	19.83	19.79	19.97	19.83			
20	64QAM	50	24	19.95	19.94	20.03	19.86	21	1.5	
20	64QAM	50	50	19.84	19.84	19.90	19.88			
20	64QAM	100	0	19.88	19.84	19.99	19.84			
Channel				55315	55820	56160	56665	22.5	0	
Frequency (MHz)				3557.5	3508	3642	3692.5			
15	QPSK	1	0	21.19	21.24	21.17	21.07			
15	QPSK	1	37	21.32	21.08	21.27	21.07			
15	QPSK	1	74	21.39	21.07	21.16	20.88	22.5	0	
15	QPSK	36	0	21.37	21.14	21.33	20.84			
15	QPSK	36	20	21.20	21.12	21.25	21.38			
15	QPSK	36	39	21.33	21.26	21.07	21.26			
15	QPSK	75	0	21.22	21.25	21.34	21.01	22.5	0	
15	16QAM	1	0	21.23	21.19	21.11	21.03			
15	16QAM	1	37	21.24	21.28	21.19	21.16			
15	16QAM	1	74	21.18	21.17	21.29	21.02			
15	16QAM	36	0	20.83	20.78	20.88	20.97	22	0.5	
15	16QAM	36	20	20.88	20.65	20.73	20.85			
15	16QAM	36	39	20.67	20.69	20.79	20.63			
15	16QAM	75	0	20.71	20.75	20.78	20.66			
15	64QAM	1	0	20.79	20.92	20.87	20.73	22	0.5	
15	64QAM	1	37	20.87	20.82	20.63	20.84			
15	64QAM	1	74	20.62	20.69	20.64	20.85			
15	64QAM	36	0	19.70	19.66	20.14	19.87			
15	64QAM	36	20	19.81	20.16	19.95	19.83	21	1.5	
15	64QAM	36	39	20.01	20.04	19.84	19.76			
15	64QAM	75	0	19.99	19.75	19.86	19.61			
Channel				55290	55815	56165	56690	22.5	0	
Frequency (MHz)				3555	3507.5	3642.5	3695			
10	QPSK	1	0	21.20	21.18	21.21	20.98			
10	QPSK	1	25	21.28	21.17	21.43	21.16			
10	QPSK	1	49	21.22	20.87	21.04	20.82	22.5	0	
10	QPSK	25	0	21.18	21.08	21.07	20.83			
10	QPSK	25	12	21.19	21.10	21.36	21.07			
10	QPSK	25	25	21.26	21.21	21.00	21.12			
10	QPSK	50	0	21.09	21.22	21.35	20.87	22.5	0	
10	16QAM	1	0	21.16	21.20	21.09	21.07			
10	16QAM	1	25	21.26	21.16	21.18	21.18			
10	16QAM	1	49	21.25	21.19	21.16	21.09			
10	16QAM	25	0	20.93	20.78	20.68	20.67	22	0.5	
10	16QAM	25	12	20.95	20.79	20.82	20.92			
10	16QAM	25	25	20.78	20.72	20.71	20.72			
10	16QAM	50	0	20.90	20.83	20.85	20.90			
10	64QAM	1	0	20.69	20.76	20.84	20.60	22	0.5	
10	64QAM	1	25	20.77	20.99	20.92	20.78			
10	64QAM	1	49	20.75	20.65	20.73	20.90			
10	64QAM	25	0	19.89	19.65	20.09	19.89			
10	64QAM	25	12	19.82	19.91	19.75	19.75	21	1.5	
10	64QAM	25	25	20.21	20.20	19.89	20.05			
10	64QAM	50	0	20.02	19.94	19.96	19.78			
Channel				55265	55810	56170	56715	22.5	0	
Frequency (MHz)				3552.5	3507	3643	3697.5			
5	QPSK	1	0	21.19	21.42	21.30	21.05			
5	QPSK	1	12	21.34	21.04	21.28	21.19			
5	QPSK	1	24	21.32	20.86	21.09	20.78	22.5	0	
5	QPSK	12	0	21.23	21.28	21.29	21.05			
5	QPSK	12	7	21.36	21.22	21.34	21.19			
5	QPSK	12	13	21.22	21.40	21.19	21.27			
5	QPSK	25	0	21.12	21.35	21.29	21.12	22.5	0	
5	16QAM	1	0	21.18	21.28	21.14	21.06			
5	16QAM	1	12	21.19	21.22	21.21	21.18			
5	16QAM	1	24	21.31	21.22	21.22	21.04			
5	16QAM	12	0	20.96	20.73	20.93	20.82	22	0.5	
5	16QAM	12	7	20.88	20.99	20.88	20.94			
5	16QAM	12	13	20.66	20.72	20.66	20.56			
5	16QAM	25	0	20.78	20.77	20.81	20.78			
5	64QAM	1	0	20.86	20.83	20.85	20.90	22	0.5	
5	64QAM	1	12	20.81	20.65	20.45	20.67			
5	64QAM	1	24	20.76	20.66	20.75	20.98			
5	64QAM	12	0	19.94	19.94	20.09	20.17			
5	64QAM	12	7	19.73	20.01	19.75	19.91	21	1.5	
5	64QAM	12	13	19.92	20.13	19.83	19.90			
5	64QAM	25	0	20.05	19.85	19.95	19.79			

GSM1900(DSI_3_standalone)		Burst Average Power (dBm)			Frame-Average Power (dBm)			Ant 0
		512	661	810	512	661	810	Tune-up Limit (dBm)
TX Channel		1650.2	1680	1909.8	1850.2	1880	1909.8	
Frequency (MHz)		1650.2	1680	1909.8	1850.2	1880	1909.8	
GSM 1 Tx slot		26.38	26.17	26.02	27.30	17.38	17.17	17.02
GPRS 1 Tx slot		26.48	26.26	26.06	27.30	17.48	17.26	17.06
GPRS 2 Tx slots		23.15	23.15	23.24	24.30	17.15	17.15	17.24
GPRS 3 Tx slots		21.81	21.65	21.63	22.80	17.55	17.39	17.37
GPRS 4 Tx slots		20.33	19.82	19.79	21.30	17.33	16.82	16.79
EDGE 1 Tx slot		24.58	24.25	24.67	25.50	15.58	15.25	15.67
EDGE 2 Tx slots		22.92	22.85	22.98	24.00	16.92	16.85	16.98
EDGE 3 Tx slots		21.48	21.45	21.62	22.50	17.22	17.19	17.36
EDGE 4 Tx slots		19.69	19.76	19.88	21.00	16.69	16.76	16.88

Band		WCDMA II(DSI_3_standalone)			WCDMA II(DSI_3_standalone)			WCDMA V(DSI_3_standalone)			Ant 1
		9262	9400	9538	9262	9400	9538	4132	4182	4223	Tune-up Limit (dBm)
TX Channel		9262	9400	9538	9262	9400	9538	4132	4182	4223	
Rx Channel		9262	9400	9538	9262	9400	9538	4132	4182	4223	
Frequency (MHz)		1852.4	1880	1907.6	1852.4	1880	1907.6	826.4	838.4	846.6	
3GPP Rel 99		17.70	17.68	17.92	19.00	19.22	19.13	19.25	20.30	23.28	23.14
3GPP Rel 99		17.75	17.72	17.95	19.00	19.25	19.15	19.23	20.30	23.31	23.16
3GPP Rel 6		16.48	16.54	16.60	18.00	18.20	18.08	18.23	19.30	22.12	22.12
3GPP Rel 6		16.52	16.55	16.61	18.00	18.20	18.00	18.35	19.30	22.13	22.14
3GPP Rel 6		16.04	16.05	16.10	17.50	17.74	17.61	17.78	18.80	21.63	21.64
3GPP Rel 6		15.99	16.07	16.14	17.50	17.72	17.62	17.75	18.80	21.64	21.62
3GPP Rel 8		16.32	16.38	16.37	18.00	18.08	18.11	18.15	19.30	22.12	22.03
3GPP Rel 8		16.36	16.46	16.61	18.00	18.11	18.09	18.12	19.30	22.12	21.93
3GPP Rel 8		16.03	16.00	15.93	17.50	17.70	17.75	17.80	18.80	21.60	21.48
3GPP Rel 8		15.92	15.98	15.99	17.50	17.69	17.72	17.74	18.80	21.41	21.57
3GPP Rel 6		16.50	16.54	16.62	18.00	18.26	18.17	18.39	19.30	22.13	22.21
3GPP Rel 6		14.49	14.54	14.66	16.00	16.27	16.13	16.35	17.30	20.18	20.19
3GPP Rel 6		15.46	15.55	15.66	17.00	17.27	17.20	17.39	18.30	21.12	21.22
3GPP Rel 6		14.51	14.54	14.67	16.00	16.25	16.10	16.32	17.30	20.18	20.18
3GPP Rel 6		16.50	16.50	16.70	18.00	18.20	18.20	18.30	19.30	22.20	22.20

Band 2(DSI 3_standalone)-Ant 0											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				18700	18900	19100					
Frequency (MHz)				1860	1880	1900					
20	QPSK	1	0	18.35	18.05	18.29	19.3	0			
20	QPSK	1	49	17.89	17.96	17.94					
20	QPSK	1	99	17.76	17.88	17.73					
20	QPSK	50	0	18.24	18.03	18.13	19.3	0			
20	QPSK	50	24	18.03	18.00	18.08					
20	QPSK	50	50	17.98	17.96	17.99					
20	QPSK	100	0	18.15	18.00	18.06	19.3	0			
20	16QAM	1	0	18.27	18.29	18.33					
20	16QAM	1	49	18.17	18.30	18.23					
20	16QAM	1	99	18.10	18.23	18.08	19.3	0			
20	16QAM	50	0	18.02	18.02	18.03					
20	16QAM	50	24	18.05	18.03	18.07					
20	16QAM	50	50	17.95	18.06	18.00	19.3	0			
20	16QAM	100	0	18.04	18.01	18.08					
20	64QAM	1	0	18.26	18.13	18.17					
20	64QAM	1	49	18.09	18.21	18.12	19.3	0			
20	64QAM	1	99	18.00	18.11	18.02					
20	64QAM	50	0	18.07	18.04	18.06					
20	64QAM	50	24	18.05	18.05	18.12	19.3	0			
20	64QAM	50	50	17.96	18.06	18.03					
20	64QAM	100	0	18.05	18.00	18.10					
Channel				18675	18900	19125					
Frequency (MHz)				1857.5	1880	1902.5					
15	QPSK	1	0	18.06	17.96	18.00	19.3	0			
15	QPSK	1	37	17.88	17.93	17.97					
15	QPSK	1	74	17.81	17.97	17.91					
15	QPSK	36	0	18.10	18.00	18.04	19.3	0			
15	QPSK	36	20	18.06	17.93	18.09					
15	QPSK	36	39	18.04	18.07	17.94					
15	QPSK	75	0	18.08	17.99	17.97	19.3	0			
15	16QAM	1	0	18.27	18.33	18.29					
15	16QAM	1	37	18.20	18.32	18.17					
15	16QAM	1	74	18.20	18.27	18.17	19.3	0			
15	16QAM	36	0	18.13	18.04	18.08					
15	16QAM	36	20	18.10	18.10	18.05					
15	16QAM	36	39	17.95	18.06	18.02	19.3	0			
15	16QAM	75	0	18.07	18.06	17.96					
15	64QAM	1	0	18.32	18.16	18.23					
15	64QAM	1	37	18.12	18.18	18.15	19.3	0			
15	64QAM	1	74	17.97	18.16	17.92					
15	64QAM	36	0	18.08	18.06	18.11					
15	64QAM	36	20	18.11	18.04	18.10	19.3	0			
15	64QAM	36	39	18.03	18.12	18.03					
15	64QAM	75	0	18.01	17.99	17.98					
Channel				18650	18900	19150					
Frequency (MHz)				1855	1880	1905					
10	QPSK	1	0	18.28	18.11	18.05	19.3	0			
10	QPSK	1	25	18.11	18.01	18.09					
10	QPSK	1	49	18.00	18.08	17.90					
10	QPSK	25	0	18.30	18.13	18.21	19.3	0			
10	QPSK	25	12	18.20	18.04	18.14					
10	QPSK	25	25	18.08	18.10	18.07					
10	QPSK	50	0	18.20	18.11	18.08	19.3	0			
10	16QAM	1	0	18.27	18.21	18.27					
10	16QAM	1	25	18.29	18.19	18.25					
10	16QAM	1	49	18.31	18.26	18.19	19.3	0			
10	16QAM	25	0	18.26	18.16	18.18					
10	16QAM	25	12	18.18	18.16	18.16					
10	16QAM	25	25	18.13	18.20	18.10	19.3	0			
10	16QAM	50	0	18.14	18.09	18.09					
10	64QAM	1	0	18.23	18.31	18.25					
10	64QAM	1	25	18.19	18.30	18.26	19.3	0			
10	64QAM	1	49	18.21	18.26	18.21					
10	64QAM	25	0	18.31	18.25	18.17					
10	64QAM	25	12	18.18	18.20	18.18	19.3	0			
10	64QAM	25	25	18.16	18.20	18.07					
10	64QAM	50	0	18.16	18.17	18.03					
Channel				18625	18900	19175					
Frequency (MHz)				1852.5	1880	1907.5					
5	QPSK	1	0	18.27	18.06	18.11	19.3	0			
5	QPSK	1	12	18.31	18.14	18.02					
5	QPSK	1	24	18.01	17.98	17.89					
5	QPSK	12	0	18.33	18.16	18.19	19.3	0			
5	QPSK	12	7	18.20	18.11	18.18					
5	QPSK	12	13	18.17	18.11	18.04					
5	QPSK	25	0	18.14	18.05	18.12	19.3	0			
5	16QAM	1	0	18.25	18.22	18.34					
5	16QAM	1	12	18.17	18.27	18.28					
5	16QAM	1	24	18.21	18.31	18.21	19.3	0			
5	16QAM	12	0	18.32	18.20	18.19					
5	16QAM	12	7	18.24	18.08	18.11					
5	16QAM	12	13	18.12	18.17	17.97	19.3	0			
5	16QAM	25	0	18.26	18.09	18.09					
5	64QAM	1	0	18.21	18.32	18.31					
5	64QAM	1	12	18.33	18.29	18.26	19.3	0			
5	64QAM	1	24	18.18	18.29	18.16					
5	64QAM	12	0	18.26	18.18	18.24					
5	64QAM	12	7	18.22	18.24	18.13	19.3	0			
5	64QAM	12	13	18.14	18.19	18.06					
5	64QAM	25	0	18.22	18.09	18.13					
Channel				18615	18900	19185					
Frequency (MHz)				1851.5	1880	1908.5					
3	QPSK	1	0	18.27	18.06	18.11	19.3	0			
3	QPSK	1	8	18.31	18.14	18.02					
3	QPSK	1	14	18.01	17.98	17.89					
3	QPSK	8	0	18.33	18.16	18.19	19.3	0			
3	QPSK	8	4	18.20	18.11	18.18					
3	QPSK	8	7	18.17	18.11	18.04					
3	QPSK	15	0	18.14	18.05	18.12	19.3	0			
3	16QAM	1	0	18.25	18.22	18.34					
3	16QAM	1	8	18.17	18.27	18.28					
3	16QAM	1	14	18.31	18.31	18.21	19.3	0			
3	16QAM	8	0	18.32	18.20	18.19					
3	16QAM	8	4	18.24	18.08	18.11					
3	16QAM	8	7	18.12	18.17	17.97	19.3	0			
3	16QAM	15	0	18.26	18.09	18.09					
3	64QAM	1	0	18.31	18.32	18.31					
3	64QAM	1	8	18.33	18.29	18.26	19.3	0			
3	64QAM	1	15	18.18	18.29	18.16					
3	64QAM	8	0	18.26	18.18	18.24					
3	64QAM	8	4	18.22	18.24	18.13	19.3	0			
3	64QAM	8	7	18.14	18.19	18.06					
3	64QAM	15	0	18.22	18.09	18.13					
Channel				18607	18900	19193					
Frequency (MHz)				1850.7	1880	1909.3					
1.4	QPSK	1	0	18.10	17.99	17.92	19.3	0			
1.4	QPSK	1	3	18.20	18.09	17.91					
1.4	QPSK	1	5	18.01	17.96	17.86					
1.4	QPSK	3	0	18.17	18.09	17.92	19.3	0			
1.4	QPSK	3	1	18.25	18.08	17.97					
1.4	QPSK	3	3	18.14	18.04	17.96					
1.4	QPSK	6	0	18.20	17.83	17.93	19.3	0			
1.4	QPSK	6	0	18.28	18.23	18.22					
1.4	16QAM	1	3	18.24	18.28	18.27					
1.4	16QAM	1	5	18.32	18.27	18.12	19.3	0			
1.4	16QAM	3	0	18.23	18.22	18.00					
1.4	16QAM	3	1	18.26	18.26	17.99					
1.4	16QAM	3	3	18.16	18.14	17.99	19.3	0			
1.4	16QAM	6	0	18.31	18.16	18.04					
1.4	64QAM	1	0	18.26	18.26	18.15					
1.4	64QAM	1	3	18.28	18.26	18.20	19.3	0			
1.4	64QAM	1	5	18.34	18.26	18.16					
1.4	64QAM	3	0	18.30	18.28	18.09					
1.4	64QAM	3	1	18.32	18.25	18.14	19.3	0			
1.4	64QAM	3	3	18.20	18.25	18.04					
1.4	64QAM	6	0	18.12	18.13	17.99					

Band 4(DSI 3_standalone)-Ant 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20050	Power Middle Ch. / Freq. 20175	Power High Ch. / Freq. 20300	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	17.39	17.76	17.42	18.8	0	
20	QPSK	1	49	17.33	17.38	17.32			
20	QPSK	1	99	17.28	17.24	17.12			
20	QPSK	50	0	17.40	17.48	17.42			
20	QPSK	50	24	17.43	17.46	17.34	18.8	0	
20	QPSK	50	50	17.39	17.45	17.33			
20	QPSK	100	0	17.42	17.44	17.35			
20	16QAM	1	0	17.50	17.75	17.57			
20	16QAM	1	49	17.71	17.71	17.62	18.8	0	
20	16QAM	1	99	17.75	17.62	17.48			
20	16QAM	50	0	17.42	17.50	17.45			
20	16QAM	50	24	17.48	17.50	17.39			
20	16QAM	50	50	17.39	17.47	17.34	18.8	0	
20	16QAM	100	0	17.46	17.42	17.35			
20	64QAM	1	0	17.57	17.65	17.65			
20	64QAM	1	49	17.57	17.61	17.48			
20	64QAM	1	99	17.59	17.48	17.41	18.8	0	
20	64QAM	50	0	17.43	17.53	17.46			
20	64QAM	50	24	17.51	17.51	17.39			
20	64QAM	50	50	17.40	17.48	17.35			
20	64QAM	100	0	17.47	17.43	17.37	18.8	0	
Channel				20025	20175	20325			
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	17.34	17.36	17.37	18.8	0	
15	QPSK	1	37	17.27	17.37	17.27			
15	QPSK	1	74	17.26	17.30	17.15			
15	QPSK	36	0	17.38	17.46	17.39			
15	QPSK	36	20	17.44	17.46	17.42	18.8	0	
15	QPSK	36	39	17.39	17.44	17.31			
15	QPSK	75	0	17.43	17.42	17.41			
15	16QAM	1	0	17.74	17.75	17.74			
15	16QAM	1	37	17.69	17.75	17.55	18.8	0	
15	16QAM	1	74	17.75	17.65	17.52			
15	16QAM	36	0	17.41	17.47	17.39			
15	16QAM	36	20	17.48	17.47	17.44			
15	16QAM	36	39	17.40	17.47	17.35	18.8	0	
15	16QAM	75	0	17.44	17.43	17.41			
15	64QAM	1	0	17.54	17.58	17.56			
15	64QAM	1	37	17.59	17.65	17.51			
15	64QAM	1	74	17.52	17.55	17.35	18.8	0	
15	64QAM	36	0	17.43	17.54	17.44			
15	64QAM	36	20	17.49	17.50	17.46			
15	64QAM	36	39	17.42	17.50	17.36			
15	64QAM	75	0	17.43	17.43	17.41	18.8	0	
Channel				20000	20175	20350			
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	17.44	17.50	17.44	18.8	0	
10	QPSK	1	25	17.41	17.57	17.34			
10	QPSK	1	49	17.35	17.43	17.24			
10	QPSK	25	0	17.54	17.57	17.44			
10	QPSK	25	12	17.52	17.57	17.44	18.8	0	
10	QPSK	25	25	17.49	17.59	17.44			
10	QPSK	50	0	17.53	17.54	17.42			
10	16QAM	1	0	17.50	17.35	17.67			
10	16QAM	1	25	17.70	17.59	17.72	18.8	0	
10	16QAM	1	49	17.71	17.74	17.67			
10	16QAM	25	0	17.57	17.58	17.49			
10	16QAM	25	12	17.57	17.62	17.47			
10	16QAM	25	25	17.53	17.62	17.49	18.8	0	
10	16QAM	50	0	17.57	17.57	17.45			
10	64QAM	1	0	17.68	17.68	17.66			
10	64QAM	1	25	17.64	17.57	17.54			
10	64QAM	1	49	17.58	17.63	17.53	18.8	0	
10	64QAM	25	0	17.61	17.63	17.49			
10	64QAM	25	12	17.59	17.62	17.47			
10	64QAM	25	25	17.55	17.63	17.47			
10	64QAM	50	0	17.56	17.56	17.47	18.8	0	
Channel				19975	20175	20375			
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	17.50	17.53	17.44	18.8	0	
5	QPSK	1	12	17.51	17.52	17.41			
5	QPSK	1	24	17.42	17.50	17.34			
5	QPSK	12	0	17.53	17.53	17.48			
5	QPSK	12	7	17.55	17.56	17.47	18.8	0	
5	QPSK	12	13	17.49	17.58	17.44			
5	QPSK	25	0	17.50	17.52	17.47			
5	16QAM	1	0	17.52	17.61	17.65			
5	16QAM	1	12	17.74	17.63	17.71	18.8	0	
5	16QAM	1	24	17.56	17.53	17.71			
5	16QAM	12	0	17.55	17.57	17.51			
5	16QAM	12	7	17.56	17.58	17.47			
5	16QAM	12	13	17.53	17.59	17.46	18.8	0	
5	16QAM	25	0	17.55	17.55	17.50			
5	64QAM	1	0	17.70	17.71	17.68			
5	64QAM	1	12	17.62	17.72	17.53			
5	64QAM	1	24	17.65	17.73	17.52	18.8	0	
5	64QAM	12	0	17.60	17.58	17.49			
5	64QAM	12	7	17.61	17.59	17.50			
5	64QAM	12	13	17.56	17.61	17.48			
5	64QAM	25	0	17.54	17.55	17.48	18.8	0	
Channel				19965	20175	20385			
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	17.46	17.53	17.40	18.8	0	
3	QPSK	1	8	17.52	17.60	17.48			
3	QPSK	1	14	17.43	17.48	17.35			
3	QPSK	8	0	17.54	17.50	17.46			
3	QPSK	8	4	17.58	17.56	17.50	18.8	0	
3	QPSK	8	7	17.53	17.61	17.42			
3	QPSK	15	0	17.52	17.53	17.43			
3	16QAM	1	0	17.58	17.54	17.73			
3	16QAM	1	8	17.53	17.54	17.57	18.8	0	
3	16QAM	1	14	17.58	17.53	17.67			
3	16QAM	8	0	17.55	17.56	17.48			
3	16QAM	8	4	17.60	17.61	17.53			
3	16QAM	8	7	17.57	17.58	17.44	18.8	0	
3	16QAM	15	0	17.59	17.58	17.48			
3	64QAM	1	0	17.68	17.69	17.59			
3	64QAM	1	8	17.57	17.59	17.64			
3	64QAM	1	14	17.69	17.75	17.55	18.8	0	
3	64QAM	8	0	17.61	17.57	17.47			
3	64QAM	8	4	17.63	17.58	17.56			
3	64QAM	8	7	17.57	17.63	17.47			
3	64QAM	15	0	17.54	17.55	17.45	18.8	0	
Channel				19967	20175	20393			
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	17.12	17.39	17.27	18.8	0	
1.4	QPSK	1	3	17.41	17.48	17.30			
1.4	QPSK	1	5	17.34	17.40	17.25			
1.4	QPSK	3	0	17.41	17.42	17.30			
1.4	QPSK	3	1	17.42	17.49	17.32	18.8	0	
1.4	QPSK	3	3	17.39	17.47	17.29			
1.4	QPSK	6	0	17.46	17.46	17.40			
1.4	16QAM	1	0	17.68	17.57	17.58			
1.4	16QAM	1	3	17.72	17.56	17.63	18.8	0	
1.4	16QAM	1	5	17.64	17.58	17.62			
1.4	16QAM	3	0	17.47	17.50	17.37			
1.4	16QAM	3	1	17.50	17.57	17.42			
1.4	16QAM	3	3	17.44	17.54	17.36	18.8	0	
1.4	16QAM	6	0	17.57	17.52	17.48			
1.4	16QAM	1	0	17.62	17.59	17.56			
1.4	64QAM	1	3	17.71	17.26	17.56			
1.4	64QAM	1	5	17.65	17.56	17.56	18.8	0	
1.4	64QAM	3	0	17.56	17.70	17.54			
1.4	64QAM	3	1	17.59	17.70	17.56			
1.4	64QAM	3	3	17.61	17.65	17.52			
1.4	64QAM	6	0	17.45	17.39	17.34	18.8	0	

Band 66(DSI 3_standalone)-Ant 0									
BW (MHz)	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	17.95	18.18	17.90	19.3		0
20	QPSK	1	49	17.88	17.94	17.81			
20	QPSK	1	99	17.77	17.76	17.68			
20	QPSK	50	0	17.88	17.90	17.85			
20	QPSK	50	24	17.85	17.96	17.81	19.3		0
20	QPSK	50	50	17.83	17.95	17.75			
20	QPSK	100	0	17.94	17.95	17.90			
20	16QAM	1	0	17.96	18.03	17.98			
20	16QAM	1	49	18.00	17.95	17.88	19.3		0
20	16QAM	1	99	17.83	17.82	17.76			
20	16QAM	50	0	17.90	18.01	17.92			
20	16QAM	50	24	17.96	18.01	17.96			
20	16QAM	50	50	17.94	17.99	17.87	19.3		0
20	16QAM	100	0	17.95	17.98	17.95			
20	64QAM	1	0	18.06	17.92	18.13			
20	64QAM	1	49	18.13	18.15	18.08	19.3		0
20	64QAM	1	99	18.00	18.05	17.92			
20	64QAM	50	0	17.94	18.06	17.93			
20	64QAM	50	24	18.03	18.04	18.01			
20	64QAM	50	50	17.97	18.02	17.89	19.3		0
20	64QAM	100	0	18.00	17.99	17.98			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	17.86	17.80	17.71	19.3		0
15	QPSK	1	37	17.86	17.77	17.66			
15	QPSK	1	74	17.65	17.66	17.52			
15	QPSK	36	0	17.78	17.84	17.63			
15	QPSK	36	20	17.88	17.86	17.64	19.3		0
15	QPSK	36	39	17.89	17.82	17.71			
15	QPSK	75	0	17.88	17.78	17.63			
15	16QAM	1	0	17.77	17.93	17.67			
15	16QAM	1	37	17.80	17.83	17.62	19.3		0
15	16QAM	1	74	17.73	17.66	17.57			
15	16QAM	36	0	17.85	17.93	17.68			
15	16QAM	36	20	17.90	17.90	17.71			
15	16QAM	36	39	17.92	17.90	17.70	19.3		0
15	16QAM	75	0	17.87	17.85	17.69			
15	64QAM	1	0	17.99	18.00	17.81			
15	64QAM	1	37	18.01	18.04	17.90	19.3		0
15	64QAM	1	74	17.99	17.94	17.75			
15	64QAM	36	0	17.89	17.89	17.72			
15	64QAM	36	20	17.96	17.87	17.74			
15	64QAM	36	39	17.91	17.90	17.72	19.3		0
15	64QAM	75	0	17.85	17.80	17.66			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	17.89	17.97	17.76	19.3		0
10	QPSK	1	25	17.87	17.87	17.77			
10	QPSK	1	49	17.84	17.77	17.55			
10	QPSK	25	0	17.98	17.99	17.79			
10	QPSK	25	12	17.98	17.96	17.84	19.3		0
10	QPSK	25	25	18.01	17.98	17.83			
10	QPSK	50	0	18.02	17.95	17.76			
10	16QAM	1	0	17.89	17.97	17.70			
10	16QAM	1	25	17.84	17.96	17.69	19.3		0
10	16QAM	1	49	17.79	17.88	17.59			
10	16QAM	25	0	18.00	18.00	17.79			
10	16QAM	25	12	18.09	18.01	17.89			
10	16QAM	25	25	18.03	17.91	17.75	19.3		0
10	16QAM	50	0	18.01	18.00	17.73			
10	64QAM	1	0	18.11	18.08	17.88			
10	64QAM	1	25	18.04	18.07	17.82	19.3		0
10	64QAM	1	49	18.07	18.08	17.80			
10	64QAM	25	0	17.96	18.02	17.80			
10	64QAM	25	12	18.03	17.95	17.91			
10	64QAM	25	25	17.94	17.95	17.83	19.3		0
10	64QAM	50	0	18.00	17.95	17.80			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	17.96	17.93	17.74	19.3		0
5	QPSK	1	12	17.88	17.88	17.67			
5	QPSK	1	24	17.83	17.86	17.69			
5	QPSK	12	0	17.98	17.95	17.76			
5	QPSK	12	7	17.95	17.95	17.79	19.3		0
5	QPSK	12	13	17.92	17.94	17.77			
5	QPSK	25	0	17.97	17.89	17.80			
5	16QAM	1	0	18.01	17.92	17.75			
5	16QAM	1	12	17.94	17.97	17.67	19.3		0
5	16QAM	1	24	17.90	17.90	17.71			
5	16QAM	12	0	18.04	17.88	17.79			
5	16QAM	12	7	17.97	17.92	17.75			
5	16QAM	12	13	17.97	17.97	17.78	19.3		0
5	16QAM	25	0	18.03	17.90	17.80			
5	64QAM	1	0	18.14	18.14	17.97			
5	64QAM	1	12	18.06	18.08	17.87	19.3		0
5	64QAM	1	24	17.92	18.10	17.97			
5	64QAM	12	0	18.05	17.92	17.85			
5	64QAM	12	7	18.05	17.98	17.84			
5	64QAM	12	13	18.04	18.08	17.84	19.3		0
5	64QAM	25	0	18.03	17.91	17.81			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	17.92	17.88	17.75	19.3		0
3	QPSK	1	8	18.01	17.95	17.68			
3	QPSK	1	14	17.85	17.86	17.66			
3	QPSK	8	0	17.95	17.91	17.74			
3	QPSK	8	4	18.03	17.96	17.80	19.3		0
3	QPSK	8	7	18.01	17.96	17.68			
3	QPSK	15	0	17.93	17.93	17.76			
3	16QAM	1	0	17.92	17.89	17.66			
3	16QAM	1	8	17.94	18.02	17.67	19.3		0
3	16QAM	1	14	17.88	17.95	17.62			
3	16QAM	8	0	18.02	18.00	17.76			
3	16QAM	8	4	18.01	17.99	17.82			
3	16QAM	8	7	17.98	17.97	17.74	19.3		0
3	16QAM	15	0	17.98	17.99	17.79			
3	64QAM	1	0	18.17	18.10	17.97			
3	64QAM	1	8	18.15	18.10	17.96	19.3		0
3	64QAM	1	14	18.11	18.14	17.86			
3	64QAM	8	0	18.07	17.94	17.76			
3	64QAM	8	4	18.00	18.04	17.78			
3	64QAM	8	7	18.01	18.03	17.75	19.3		0
3	64QAM	15	0	17.97	17.87	17.77			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	17.73	17.76	17.58	19.3		0
1.4	QPSK	1	3	17.83	17.93	17.63			
1.4	QPSK	1	5	17.80	17.83	17.54			
1.4	QPSK	3	0	17.90	17.86	17.64			
1.4	QPSK	3	1	17.85	17.87	17.62	19.3		0
1.4	QPSK	3	3	17.79	17.86	17.59			
1.4	QPSK	6	0	17.89	17.94	17.72			
1.4	16QAM	1	0	17.86	17.82	17.58			
1.4	16QAM	1	3	17.90	17.95	17.64	19.3		0
1.4	16QAM	1	5	17.83	17.88	17.63			
1.4	16QAM	3	0	17.95	17.90	17.69	19.3		0
1.4	16QAM	3	1	17.96	17.97	17.84			
1.4	16QAM	3	3	17.87	17.86	17.67			
1.4	16QAM	6	0	18.07	18.06	17.80			
1.4	64QAM	1	0	18.08	18.13	17.85	19.3		0
1.4	64QAM	1	3	17.91	17.93	17.87			
1.4	64QAM	1	5	17.94	17.96	17.85			
1.4	64QAM	3	0	17.97	17.97	17.83			
1.4	64QAM	3	1	18.03	18.04	17.78	19.3		0
1.4	64QAM	3	3	17.95	17.99	17.84			
1.4	64QAM	6	0	17.89	17.94	17.69	19.3		0

Band 48(DSI 3_standalone)_FCC										
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	15.92	15.97	15.86	15.81	17	0	
20	QPSK	1	49	15.98	16.22	15.93	15.92			
20	QPSK	1	99	15.89	15.94	15.88	15.78	17	0	
20	QPSK	50	0	15.95	16.18	15.98	15.86			
20	QPSK	50	24	15.91	15.92	15.91	15.82	17	0	
20	QPSK	50	50	15.87	15.95	15.93	15.81			
20	QPSK	100	0	15.94	15.98	15.92	15.84	17	0	
20	16QAM	1	0	16.14	16.00	15.94	15.93			
20	16QAM	1	49	16.10	15.97	15.90	15.82	17	0	
20	16QAM	1	99	16.03	15.91	15.94	15.78			
20	16QAM	50	0	16.17	15.94	15.90	15.82	17	0	
20	16QAM	50	24	16.11	15.92	15.93	15.86			
20	16QAM	50	50	16.10	15.92	15.96	15.94	17	0	
20	16QAM	100	0	16.09	15.91	15.98	15.93			
20	64QAM	1	0	16.14	15.94	15.85	15.87	17	0	
20	64QAM	1	49	16.09	15.86	15.81	15.83			
20	64QAM	1	99	15.94	15.97	15.86	15.81	17	0	
20	64QAM	50	0	16.13	16.02	15.93	15.83			
20	64QAM	50	24	16.10	15.96	15.96	15.85	17	0	
20	64QAM	50	50	16.11	15.98	15.95	15.81			
20	64QAM	100	0	16.08	16.04	15.97	15.80			
Channel				55315	55820	56160	56665			
Frequency (MHz)				3557.5	3608	3642	3692.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	16.04	16.09	15.94	15.88	17	0	
15	QPSK	1	37	16.19	16.00	15.92	15.96			
15	QPSK	1	74	15.84	15.95	16.10	15.89	17	0	
15	QPSK	36	0	15.87	15.86	16.14	16.08			
15	QPSK	36	20	16.20	16.16	16.02	16.11	17	0	
15	QPSK	36	39	16.02	15.97	15.93	15.96			
15	QPSK	75	0	16.10	16.14	15.86	16.09	17	0	
15	16QAM	1	0	16.08	16.20	15.98	15.97			
15	16QAM	1	37	16.14	15.98	16.09	15.90	17	0	
15	16QAM	1	74	16.08	16.13	15.90	16.20			
15	16QAM	36	0	16.08	16.02	16.08	16.05	17	0	
15	16QAM	36	20	16.08	15.96	15.94	15.87			
15	16QAM	36	39	16.18	16.06	15.86	15.97	17	0	
15	16QAM	75	0	16.20	16.19	16.07	15.86			
15	64QAM	1	0	15.93	16.20	16.08	16.00	17	0	
15	64QAM	1	37	16.00	16.01	16.13	15.95			
15	64QAM	1	74	15.90	16.11	16.18	16.09	17	0	
15	64QAM	36	0	16.09	16.10	16.13	16.16			
15	64QAM	36	20	15.83	16.00	16.17	16.01	17	0	
15	64QAM	36	39	16.03	15.84	16.00	16.18			
15	64QAM	75	0	15.91	16.04	16.03	15.95			
Channel				55290	55815	56165	56690			
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	16.16	15.84	15.94	15.93	17	0	
10	QPSK	1	25	16.13	16.12	16.15	15.91			
10	QPSK	1	49	16.06	16.18	16.15	15.97	17	0	
10	QPSK	25	0	16.12	16.05	16.09	16.15			
10	QPSK	25	12	16.13	16.03	16.09	16.07	17	0	
10	QPSK	25	25	16.04	15.83	16.04	15.84			
10	QPSK	50	0	16.09	15.84	15.86	16.13	17	0	
10	16QAM	1	0	15.90	16.13	16.18	16.17			
10	16QAM	1	25	15.96	15.95	15.94	15.89	17	0	
10	16QAM	1	49	16.12	15.86	16.06	16.00			
10	16QAM	25	0	16.05	15.95	15.92	16.14	17	0	
10	16QAM	25	12	16.10	16.01	16.10	16.19			
10	16QAM	25	25	15.95	15.95	15.83	16.13	17	0	
10	16QAM	50	0	16.12	16.09	15.90	15.83			
10	64QAM	1	0	16.09	16.17	15.91	16.08	17	0	
10	64QAM	1	25	15.95	16.13	16.09	16.18			
10	64QAM	1	49	15.89	16.00	16.15	16.17	17	0	
10	64QAM	25	0	16.00	16.02	15.97	15.88			
10	64QAM	25	12	16.16	15.96	16.16	16.06	17	0	
10	64QAM	25	25	16.18	16.19	15.99	16.00			
10	64QAM	50	0	16.18	15.95	16.04	16.06			
Channel				55265	55810	56170	56715			
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	16.20	16.10	16.03	16.07	17	0	
5	QPSK	1	12	15.91	16.05	15.96	15.88			
5	QPSK	1	24	16.13	16.12	15.97	16.02	17	0	
5	QPSK	12	0	16.07	16.18	15.99	16.19			
5	QPSK	12	7	15.90	16.04	15.91	16.12	17	0	
5	QPSK	12	13	16.19	16.20	16.12	16.19			
5	QPSK	25	0	16.05	16.12	15.90	16.15	17	0	
5	16QAM	1	0	15.84	15.88	15.85	15.89			
5	16QAM	1	12	16.11	16.19	16.15	15.84	17	0	
5	16QAM	1	24	15.85	16.00	16.05	16.16			
5	16QAM	12	0	15.96	15.83	16.01	16.03	17	0	
5	16QAM	12	7	16.15	15.86	15.99	15.94			
5	16QAM	12	13	16.15	15.98	16.01	16.08	17	0	
5	16QAM	25	0	15.90	16.06	15.92	15.95			
5	64QAM	1	0	16.09	15.96	16.16	16.19	17	0	
5	64QAM	1	12	16.09	15.83	15.92	16.04			
5	64QAM	1	24	16.10	16.10	15.90	15.99	17	0	
5	64QAM	12	0	16.20	16.19	15.99	15.87			
5	64QAM	12	7	16.10	16.18	16.16	16.15	17	0	
5	64QAM	12	13	16.01	16.17	16.19	16.05			
5	64QAM	25	0	16.09	16.18	16.09	15.92			
Channel				55240	55830	56150	56640			

GSM1900/DSI 3_Sim-Tx				Ant 0		
TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)	
	512	661	810		512	661
Frequency (MHz)	1650.2	1680	1909.8	1850.2	1880	1909.8
GSM 1 Tx slot	24.75	24.82	24.85	25.50	15.75	15.82
GPRS 1 Tx slot	24.77	24.84	24.90	25.50	15.77	15.84
GPRS 2 Tx slots	21.37	21.66	21.48	22.50	15.37	15.66
GPRS 3 Tx slots	19.85	19.78	19.71	20.80	15.59	15.52
GPRS 4 Tx slots	18.97	18.70	19.13	19.50	15.97	15.70
EDGE 1 Tx slot	24.84	24.69	25.05	25.50	15.84	15.69
EDGE 2 Tx slots	21.68	22.13	21.75	22.50	15.68	16.13
EDGE 3 Tx slots	19.82	19.85	19.87	20.50	15.56	15.59
EDGE 4 Tx slots	18.56	18.51	18.61	19.50	15.56	15.51

Band				Ant 0			Ant 1			Ant 1		
TX Channel	WCDMA II(DSI 3_Sim-Tx)			Tune-up Limit (dBm)	WCDMA II(DSI 3_Sim-Tx)			Tune-up Limit (dBm)	WCDMA V(DSI 3_Sim-Tx)			Tune-up Limit (dBm)
	9262	9400	9538		9262	9400	9538		4132	4182	4223	
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	1852.4	1880	826.4	836.4	846.6	826.4
3GPP Rel 99	AMR 12.2Kbps	15.25	15.13	15.28	16.50	15.25	15.20	15.46	16.80	22.22	22.25	22.30
3GPP Rel 99	RMC 12.2Kbps	15.29	15.16	15.30	16.50	15.27	15.23	15.50	16.80	22.27	22.30	22.32
3GPP Rel 6	HSDPA Subtest-1	14.18	14.24	14.30	15.50	14.40	14.28	14.43	15.80	21.12	21.12	21.22
3GPP Rel 6	HSDPA Subtest-2	14.22	14.25	14.31	15.50	14.40	14.20	14.55	15.80	21.13	21.14	21.26
3GPP Rel 6	HSDPA Subtest-3	13.74	13.75	13.80	15.00	13.94	13.81	13.98	15.30	20.63	20.64	20.39
3GPP Rel 6	HSDPA Subtest-4	13.69	13.77	13.84	15.00	13.92	13.82	13.95	15.30	20.64	20.62	20.74
3GPP Rel 8	DC-HSDPA Subtest-1	14.02	14.08	14.07	15.50	14.28	14.31	14.35	15.80	21.12	21.03	21.00
3GPP Rel 8	DC-HSDPA Subtest-2	14.06	14.16	14.31	15.50	14.31	14.29	14.32	15.80	21.12	20.93	21.16
3GPP Rel 8	DC-HSDPA Subtest-3	13.73	13.70	13.63	15.00	13.90	13.95	14.00	15.30	20.60	20.48	20.32
3GPP Rel 8	DC-HSDPA Subtest-4	13.62	13.68	13.59	15.00	13.89	13.92	13.94	15.30	20.41	20.57	20.62
3GPP Rel 6	HSUPA Subtest-1	14.20	14.24	14.32	15.50	14.48	14.37	14.59	15.80	21.13	21.21	21.31
3GPP Rel 6	HSUPA Subtest-2	12.19	12.24	12.36	13.50	12.47	12.33	12.55	13.80	19.18	19.19	19.30
3GPP Rel 6	HSUPA Subtest-3	13.16	13.25	13.36	14.50	13.47	13.40	13.59	14.80	20.12	20.22	20.31
3GPP Rel 6	HSUPA Subtest-4	12.21	12.24	12.37	13.50	12.45	12.30	12.52	13.80	19.18	19.18	19.30
3GPP Rel 6	HSUPA Subtest-5	14.20	14.20	14.40	15.50	14.40	14.40	14.50	15.80	21.20	21.20	21.30

Band 4(DSI 3_Sim-Tx)-Ant 1											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)			
Channel				20050	20175	20300					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	14.76	14.31	14.38	15.8	0			
20	QPSK	1	49	14.25	14.33	14.27					
20	QPSK	1	99	14.24	14.19	13.99					
20	QPSK	50	0	14.36	14.42	14.33					
20	QPSK	50	24	14.41	14.35	14.31	15.8	0			
20	QPSK	50	50	14.36	14.36	14.32					
20	QPSK	100	0	14.37	14.37	14.31					
20	16QAM	1	0	14.54	14.57	14.76					
20	16QAM	1	49	14.52	14.63	14.52	15.8	0			
20	16QAM	1	99	14.58	14.52	14.37					
20	16QAM	50	0	14.33	14.41	14.36					
20	16QAM	50	24	14.43	14.38	14.33					
20	16QAM	50	50	14.33	14.39	14.28	15.8	0			
20	16QAM	100	0	14.37	14.35	14.31					
20	64QAM	1	0	14.43	14.54	14.58					
20	64QAM	1	49	14.52	14.56	14.48					
20	64QAM	1	99	14.45	14.44	14.28	15.8	0			
20	64QAM	50	0	14.36	14.42	14.40					
20	64QAM	50	24	14.44	14.40	14.35					
20	64QAM	50	50	14.30	14.41	14.33					
20	64QAM	100	0	14.39	14.37	14.42					
Channel				20025	20175	20325				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	14.27	14.29	14.27	15.8	0			
15	QPSK	1	37	14.23	14.28	14.26					
15	QPSK	1	74	14.19	14.28	14.26					
15	QPSK	36	0	14.30	14.41	14.39					
15	QPSK	36	20	14.43	14.38	14.34	15.8	0			
15	QPSK	36	39	14.29	14.36	14.29					
15	QPSK	75	0	14.33	14.34	14.34					
15	16QAM	1	0	14.40	14.49	14.48					
15	16QAM	1	37	14.34	14.43	14.28	15.8	0			
15	16QAM	1	74	14.45	14.39	14.26					
15	16QAM	36	0	14.35	14.42	14.37					
15	16QAM	36	20	14.44	14.37	14.43					
15	16QAM	36	39	14.30	14.47	14.32	15.8	0			
15	16QAM	75	0	14.35	14.35	14.35					
15	64QAM	1	0	14.51	14.53	14.46					
15	64QAM	1	37	14.52	14.65	14.51					
15	64QAM	1	74	14.47	14.53	14.25	15.8	0			
15	64QAM	36	0	14.33	14.45	14.43					
15	64QAM	36	20	14.44	14.47	14.40					
15	64QAM	36	39	14.41	14.45	14.34					
15	64QAM	75	0	14.36	14.38	14.35					
Channel				20000	20175	20350				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1732.5	1750					
10	QPSK	1	0	14.35	14.50	14.37	15.8	0			
10	QPSK	1	25	14.34	14.56	14.27					
10	QPSK	1	49	14.27	14.34	14.18					
10	QPSK	25	0	14.48	14.47	14.41					
10	QPSK	25	12	14.44	14.47	14.39	15.8	0			
10	QPSK	25	25	14.49	14.52	14.35					
10	QPSK	50	0	14.45	14.48	14.36					
10	16QAM	1	0	14.52	14.58	14.49					
10	16QAM	1	25	14.42	14.48	14.37	15.8	0			
10	16QAM	1	49	14.38	14.45	14.37					
10	16QAM	25	0	14.50	14.55	14.46					
10	16QAM	25	12	14.52	14.62	14.37					
10	16QAM	25	25	14.48	14.62	14.42	15.8	0			
10	16QAM	50	0	14.54	14.54	14.36					
10	64QAM	1	0	14.65	14.63	14.61					
10	64QAM	1	25	14.58	14.69	14.46					
10	64QAM	1	49	14.57	14.55	14.43	15.8	0			
10	64QAM	25	0	14.53	14.63	14.47					
10	64QAM	25	12	14.49	14.57	14.40					
10	64QAM	25	25	14.48	14.62	14.39					
10	64QAM	50	0	14.47	14.47	14.47					
Channel				19975	20175	20375				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1732.5	1752.5					
5	QPSK	1	0	14.44	14.51	14.44	15.8	0			
5	QPSK	1	12	14.43	14.45	14.35					
5	QPSK	1	24	14.38	14.47	14.27					
5	QPSK	12	0	14.44	14.44	14.45					
5	QPSK	12	7	14.53	14.48	14.46	15.8	0			
5	QPSK	12	13	14.44	14.58	14.42					
5	QPSK	25	0	14.43	14.53	14.37					
5	16QAM	1	0	14.49	14.66	14.46					
5	16QAM	1	12	14.44	14.68	14.45	15.8	0			
5	16QAM	1	24	14.44	14.54	14.43					
5	16QAM	12	0	14.48	14.57	14.44					
5	16QAM	12	7	14.53	14.49	14.40					
5	16QAM	12	13	14.45	14.57	14.39	15.8	0			
5	16QAM	25	0	14.45	14.46	14.43					
5	64QAM	1	0	14.60	14.63	14.62					
5	64QAM	1	12	14.55	14.68	14.50					
5	64QAM	1	24	14.63	14.67	14.50	15.8	0			
5	64QAM	12	0	14.53	14.54	14.42					
5	64QAM	12	7	14.55	14.58	14.49					
5	64QAM	12	13	14.55	14.61	14.48					
5	64QAM	25	0	14.52	14.52	14.47					
Channel				19965	20175	20385				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1711.5	1732.5	1753.5					
3	QPSK	1	0	14.37	14.45	14.35	15.8	0			
3	QPSK	1	8	14.47	14.50	14.40					
3	QPSK	1	14	14.39	14.45	14.31					
3	QPSK	8	0	14.48	14.41	14.38					
3	QPSK	8	4	14.55	14.33	14.43	15.8	0			
3	QPSK	8	7	14.46	14.54	14.40					
3	QPSK	15	0	14.45	14.43	14.36					
3	16QAM	1	0	14.49	14.54	14.45					
3	16QAM	1	8	14.50	14.54	14.48	15.8	0			
3	16QAM	1	14	14.43	14.49	14.38					
3	16QAM	8	0	14.52	14.51	14.45					
3	16QAM	8	4	14.54	14.61	14.46					
3	16QAM	8	7	14.48	14.50	14.41	15.8	0			
3	16QAM	15	0	14.58	14.49	14.47					
3	64QAM	1	0	14.68	14.63	14.59					
3	64QAM	1	8	14.67	14.69	14.60					
3	64QAM	1	14	14.60	14.74	14.49	15.8	0			
3	64QAM	8	0	14.53	14.51	14.40					
3	64QAM	8	4	14.56	14.48	14.46					
3	64QAM	8	7	14.48	14.55	14.44					
3	64QAM	15	0	14.54	14.45	14.38					
Channel				19957	20175	20393				Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1710.7	1732.5	1754.3					
1.4	QPSK	1	0	14.12	14.36	14.25	15.8	0			
1.4	QPSK	1	3	14.34	14.47	14.25					
1.4	QPSK	1	5	14.30	14.34	14.18					
1.4	QPSK	3	0	14.31	14.37	14.29					
1.4	QPSK	3	1	14.33	14.45	14.25	15.8	0			
1.4	QPSK	3	3	14.37	14.40	14.28					
1.4	QPSK	6	0	14.36	14.44	14.36					
1.4	16QAM	1	0	14.39	14.50	14.31					
1.4	16QAM	1	3	14.45	14.53	14.33	15.8	0			
1.4	16QAM	1	5	14.33	14.46	14.30					
1.4	16QAM	3	0	14.37	14.43	14.31					
1.4	16QAM	3	1	14.44	14.49	14.42					
1.4	16QAM	3	3	14.40	14.45	14.28	15.8	0			
1.4	16QAM	6	0	14.57	14.47	14.41					
1.4	64QAM	1	0	14.61	14.49	14.56					
1.4	64QAM	1	3	14.69	14.75	14.59					
1.4	64QAM	1	5	14.55	14.66	14.49	15.8	0			
1.4	64QAM	3	0	14.48	14.67	14.45					
1.4	64QAM	3	1	14.57	14.74	14.49					
1.4	64QAM	3	3	14.52	14.53	14.42					
1.4	64QAM	6	0	14.36	14.33	14.32	15.8	0			

Band 66(DSI 3_Sim-Tx)-Ant 0									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	16.25	16.38	16.23	17.3	0	
20	QPSK	1	49	16.12	16.24	16.12			
20	QPSK	1	99	16.07	16.06	16.01			
20	QPSK	50	0	16.12	16.22	16.11	17.3	0	
20	QPSK	50	24	15.99	15.96	15.96			
20	QPSK	50	50	15.96	16.02	15.88			
20	QPSK	100	0	15.99	16.17	15.94	17.3	0	
20	16QAM	1	0	16.17	16.34	16.21			
20	16QAM	1	49	16.17	16.27	16.13			
20	16QAM	1	99	16.18	16.13	16.01	17.3	0	
20	16QAM	50	0	15.92	16.03	15.91			
20	16QAM	50	24	16.02	16.00	15.96			
20	16QAM	50	50	15.96	16.00	15.88	17.3	0	
20	16QAM	100	0	15.98	16.00	15.94			
20	64QAM	1	0	16.06	16.11	16.07			
20	64QAM	1	49	16.09	16.12	16.12	17.3	0	
20	64QAM	1	99	16.04	16.02	15.98			
20	64QAM	50	0	15.96	16.06	15.94			
20	64QAM	50	24	16.02	16.03	15.99	17.3	0	
20	64QAM	50	50	16.00	16.01	15.88			
20	64QAM	100	0	15.99	15.99	15.94			
Channel				132047	132322	132597	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	15.85	15.92	15.92	17.3	0	
15	QPSK	1	37	15.88	15.96	15.94			
15	QPSK	1	74	15.81	15.87	15.74			
15	QPSK	36	0	15.90	16.05	15.88	17.3	0	
15	QPSK	36	20	16.00	16.00	15.86			
15	QPSK	36	39	15.95	16.00	15.87			
15	QPSK	75	0	15.98	15.93	15.86	17.3	0	
15	16QAM	1	0	16.15	16.29	16.20			
15	16QAM	1	37	16.18	16.29	16.13			
15	16QAM	1	74	16.09	16.15	16.08	17.3	0	
15	16QAM	36	0	15.89	16.03	15.88			
15	16QAM	36	20	16.01	16.01	15.86			
15	16QAM	36	39	15.94	15.98	15.88	17.3	0	
15	16QAM	75	0	15.98	15.96	15.86			
15	64QAM	1	0	16.00	16.16	16.09			
15	64QAM	1	37	16.11	16.18	15.92	17.3	0	
15	64QAM	1	74	16.04	16.06	15.98			
15	64QAM	36	0	15.94	16.07	15.89			
15	64QAM	36	20	16.00	16.02	15.88	17.3	0	
15	64QAM	36	39	15.97	16.04	15.90			
15	64QAM	75	0	15.96	15.97	15.86			
Channel				132022	132322	132622	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	15.99	16.04	16.01	17.3	0	
10	QPSK	1	25	15.97	16.08	15.96			
10	QPSK	1	49	15.92	15.98	15.91			
10	QPSK	25	0	16.07	16.14	16.01	17.3	0	
10	QPSK	25	12	16.07	16.14	16.09			
10	QPSK	25	25	16.01	16.15	16.01			
10	QPSK	50	0	16.04	16.12	15.95	17.3	0	
10	16QAM	1	0	16.28	16.17	16.24			
10	16QAM	1	25	16.26	16.34	16.16			
10	16QAM	1	49	16.25	16.16	16.18	17.3	0	
10	16QAM	25	0	16.08	16.15	15.96			
10	16QAM	25	12	16.08	16.14	16.06			
10	16QAM	25	25	16.05	16.15	15.99	17.3	0	
10	16QAM	50	0	16.07	16.10	15.95			
10	64QAM	1	0	16.12	16.26	16.08			
10	64QAM	1	25	16.11	16.30	16.07	17.3	0	
10	64QAM	1	49	16.17	16.15	16.04			
10	64QAM	25	0	16.12	16.25	16.01			
10	64QAM	25	12	16.10	16.15	16.10	17.3	0	
10	64QAM	25	25	16.07	16.17	16.02			
10	64QAM	50	0	16.09	16.15	15.97			
Channel				131997	132322	132647	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	15.93	16.10	15.98	17.3	0	
5	QPSK	1	12	15.97	16.13	16.04			
5	QPSK	1	24	15.91	16.04	15.87			
5	QPSK	12	0	16.02	16.09	16.01	17.3	0	
5	QPSK	12	7	16.02	16.13	16.02			
5	QPSK	12	13	16.01	16.13	16.00			
5	QPSK	25	0	16.03	16.09	16.01	17.3	0	
5	16QAM	1	0	16.28	16.17	16.25			
5	16QAM	1	12	16.25	16.18	16.22			
5	16QAM	1	24	16.32	16.21	16.26	17.3	0	
5	16QAM	12	0	16.06	16.12	16.04			
5	16QAM	12	7	16.07	16.08	16.05			
5	16QAM	12	13	16.06	16.16	16.01	17.3	0	
5	16QAM	25	0	16.04	16.09	15.99			
5	64QAM	1	0	16.21	16.27	16.22			
5	64QAM	1	12	16.23	16.29	16.16	17.3	0	
5	64QAM	1	24	16.23	16.32	16.17			
5	64QAM	12	0	16.10	16.13	16.05			
5	64QAM	12	7	16.10	16.14	16.08	17.3	0	
5	64QAM	12	13	16.06	16.19	15.99			
5	64QAM	25	0	16.04	16.08	16.02			
Channel				131987	132322	132657	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	15.87	16.06	15.88	17.3	0	
3	QPSK	1	8	15.99	16.09	15.97			
3	QPSK	1	14	15.87	16.01	15.88			
3	QPSK	8	0	16.00	16.11	15.95	17.3	0	
3	QPSK	8	4	16.04	16.10	16.03			
3	QPSK	8	7	15.99	16.13	16.00			
3	QPSK	15	0	16.02	16.07	16.00	17.3	0	
3	16QAM	1	0	16.25	16.15	16.23			
3	16QAM	1	8	16.16	16.23	16.28			
3	16QAM	1	14	16.31	16.16	16.21	17.3	0	
3	16QAM	8	0	16.07	16.09	16.00			
3	16QAM	8	4	16.11	16.17	16.05			
3	16QAM	8	7	16.04	16.16	15.94	17.3	0	
3	16QAM	15	0	16.08	16.05	15.97			
3	64QAM	1	0	16.16	16.24	16.20			
3	64QAM	1	8	16.25	16.19	16.20	17.3	0	
3	64QAM	1	14	16.25	16.28	16.12			
3	64QAM	8	0	16.02	16.09	16.02			
3	64QAM	8	4	16.12	16.15	16.04	17.3	0	
3	64QAM	8	7	16.05	16.17	16.02			
3	64QAM	15	0	16.03	16.10	15.97			
Channel				131979	132322	132665	Tune-up (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	15.83	16.00	15.78	17.3	0	
1.4	QPSK	1	3	15.92	16.10	16.00			
1.4	QPSK	1	5	15.81	15.97	15.75			
1.4	QPSK	3	0	15.86	16.00	15.87	17.3	0	
1.4	QPSK	3	1	15.90	16.10	15.91			
1.4	QPSK	3	3	15.91	16.04	15.85			
1.4	QPSK	6	0	15.93	16.07	15.91	17.3	0	
1.4	16QAM	1	0	16.16	16.35	16.19			
1.4	16QAM	1	3	16.13	16.17	16.24			
1.4	16QAM	1	5	16.24	16.13	16.14	17.3	0	
1.4	16QAM	3	0	16.00	16.07	15.96			
1.4	16QAM	3	1	16.06	16.14	15.95			
1.4	16QAM	3	3	15.96	16.05	15.93	17.3	0	
1.4	16QAM	6	0	16.00	16.19	15.90			
1.4	64QAM	1	0	16.18	16.11	16.14			
1.4	64QAM	1	3	16.22	16.12	16.22	17.3	0	
1.4	64QAM	1	5	16.22	16.10	16.09			
1.4	64QAM	3	0	16.13	16.24	16.00			
1.4	64QAM	3	1	16.18	16.26	16.07	17.3	0	
1.4	64QAM	3	3	16.11	16.28	16.19			
1.4	64QAM	6	0	15.96	16.07	15.87			

Band 48(DSI 3_Sim-Tx)_FCC									
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	16	0
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	15.22	15.19	15.12	15.07	16	0
20	QPSK	1	49	15.25	15.28	15.18	15.09		
20	QPSK	1	99	15.24	15.24	15.16	15.06		
20	QPSK	50	0	15.21	15.24	15.22	15.17		
20	QPSK	50	24	15.17	15.13	15.10	15.10	16	0
20	QPSK	50	50	15.19	15.18	15.17	15.12		
20	QPSK	100	0	15.16	15.18	15.15	15.07		
20	16QAM	1	0	15.13	15.26	15.16	15.05		
20	16QAM	1	49	15.21	15.23	15.18	15.06	16	0
20	16QAM	1	99	15.21	15.16	15.10	14.99		
20	16QAM	50	0	15.23	15.22	15.25	15.09		
20	16QAM	50	24	15.25	15.17	15.26	15.19		
20	16QAM	50	50	15.25	15.20	15.20	15.14	16	0
20	16QAM	100	0	15.24	15.08	15.16	15.17		
20	64QAM	1	0	15.15	15.06	15.14	15.09		
20	64QAM	1	49	14.97	15.14	15.11	14.95		
20	64QAM	1	99	14.97	15.15	15.05	15.00	16	0
20	64QAM	50	0	15.07	15.24	15.26	15.12		
20	64QAM	50	24	15.25	15.26	15.27	15.17		
20	64QAM	50	50	14.99	15.16	15.19	15.18		
20	64QAM	100	0	15.00	15.08	15.24	15.09	16	0
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3608	3642	3692.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	15.18	15.21	15.15	15.09	16	0
15	QPSK	1	37	15.14	14.93	15.19	15.08		
15	QPSK	1	74	15.10	15.14	15.19	14.95		
15	QPSK	36	0	15.14	14.99	15.17	14.77		
15	QPSK	36	20	15.20	14.94	15.23	15.19	16	0
15	QPSK	36	39	15.10	15.12	14.93	15.15		
15	QPSK	75	0	15.03	15.18	15.17	14.84		
15	16QAM	1	0	15.20	15.21	15.00	14.86		
15	16QAM	1	37	15.18	15.12	15.23	15.14	16	0
15	16QAM	1	74	15.22	15.05	15.13	14.81		
15	16QAM	36	0	15.18	15.20	15.25	15.10		
15	16QAM	36	20	15.22	15.01	15.05	15.08		
15	16QAM	36	39	15.16	15.02	15.11	14.78	16	0
15	16QAM	75	0	15.18	14.95	15.11	14.88		
15	64QAM	1	0	15.22	15.16	15.14	14.99		
15	64QAM	1	37	14.96	15.17	14.94	15.00		
15	64QAM	1	74	14.88	15.03	14.74	15.14	16	0
15	64QAM	36	0	14.89	15.11	15.24	15.12		
15	64QAM	36	20	15.10	15.23	15.17	15.09		
15	64QAM	36	39	15.13	15.22	15.17	15.06		
15	64QAM	75	0	14.90	15.04	15.15	14.81	16	0
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	15.12	15.19	15.23	15.00	16	0
10	QPSK	1	25	15.11	15.02	15.16	15.16		
10	QPSK	1	49	15.27	14.97	15.07	14.80		
10	QPSK	25	0	15.06	14.87	14.98	14.66		
10	QPSK	25	12	15.07	14.91	15.13	14.93	16	0
10	QPSK	25	25	15.08	15.00	14.87	15.10		
10	QPSK	50	0	14.90	15.13	15.24	14.69		
10	16QAM	1	0	15.24	15.20	14.94	15.00		
10	16QAM	1	25	15.16	15.27	15.20	15.09	16	0
10	16QAM	1	49	15.14	15.26	15.14	14.85		
10	16QAM	25	0	15.20	15.11	15.10	14.84		
10	16QAM	25	12	15.18	15.11	15.18	15.10		
10	16QAM	25	25	15.20	15.03	15.13	14.85	16	0
10	16QAM	50	0	15.18	15.07	15.13	15.08		
10	64QAM	1	0	15.07	15.06	15.04	14.88		
10	64QAM	1	25	14.86	15.20	15.11	14.89		
10	64QAM	1	49	15.01	15.08	14.92	15.16	16	0
10	64QAM	25	0	15.16	15.15	15.14	15.16		
10	64QAM	25	12	15.14	15.18	14.98	15.11		
10	64QAM	25	25	15.20	15.26	15.18	15.20		
10	64QAM	50	0	14.90	15.16	15.23	15.04	16	0
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	15.16	15.02	15.24	15.06	16	0
5	QPSK	1	12	15.05	15.01	15.09	15.21		
5	QPSK	1	24	15.04	14.89	15.03	14.87		
5	QPSK	12	0	15.20	15.11	15.19	14.93		
5	QPSK	12	7	15.26	15.03	15.20	15.05	16	0
5	QPSK	12	13	15.20	15.26	15.07	15.19		
5	QPSK	25	0	14.95	15.15	15.22	14.94		
5	16QAM	1	0	15.14	15.26	15.06	14.92		
5	16QAM	1	12	15.14	15.20	15.12	15.05	16	0
5	16QAM	1	24	15.20	14.98	14.99	14.76		
5	16QAM	12	0	15.24	15.17	15.20	14.97		
5	16QAM	12	7	15.24	15.18	15.14	15.09		
5	16QAM	12	13	15.16	15.06	14.98	14.68	16	0
5	16QAM	25	0	15.23	15.00	15.14	15.02		
5	64QAM	1	0	15.20	15.10	15.13	15.20		
5	64QAM	1	12	14.86	14.95	14.65	14.77		
5	64QAM	1	24	14.94	15.08	14.90	15.25	16	0
5	64QAM	12	0	15.22	15.17	15.13	15.22		
5	64QAM	12	7	15.04	15.17	15.00	15.22		
5	64QAM	12	13	15.06	15.22	15.12	15.17		
5	64QAM	25	0	14.93	15.14	15.16	15.07	16	0
Channel				55240	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690	Tune-up limit (dBm)	MPR (dB)

		Ant 0		
GSM1900(DSI 6, standalone)	Burst Average Power (dBm)	Tune-up Limit (dBm)		
TX Channel	512	661	610	810
Frequency (MHz)	1552.2	1680	1699.8	1699.8
GSM 1 Tx slot	29.00	29.00	29.03	30.00
GPRS 1 Tx slot	29.02	29.07	29.02	30.00
GPRS 2 Tx slots	26.21	25.73	25.89	27.00
GPRS 3 Tx slots	24.43	24.01	23.81	25.50
GPRS 4 Tx slots	22.94	22.49	22.62	23.50
EDGE 1 Tx slot	24.58	24.25	24.67	25.50
EDGE 2 Tx slots	22.92	22.85	22.98	24.00
EDGE 3 Tx slots	21.48	21.45	21.62	22.50
EDGE 4 Tx slots	19.69	19.76	19.88	21.00

		Ant 0			Ant 1		
Band	WCDMA II(DSI 6, standalone)	Tune-up Limit (dBm)			Tune-up Limit (dBm)		
TX Channel	9262	9400	9538	9262	9400	9538	9538
Rx Channel	9662	9800	9938	9662	9800	9938	9938
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	1907.6
3GPP Rel 99	AMR 12.2Kbps	20.65	20.71	20.50	22.00	20.74	20.85
3GPP Rel 99	RM-C 12.2Kbps	20.69	20.72	20.92	22.00	20.77	20.87
3GPP Rel 6	HSDPA Subtest-1	19.78	19.84	19.90	21.00	19.70	19.58
3GPP Rel 6	HSDPA Subtest-2	19.82	19.85	19.91	21.00	19.70	19.50
3GPP Rel 6	HSDPA Subtest-3	19.34	19.35	19.40	20.50	19.24	19.11
3GPP Rel 6	HSDPA Subtest-4	19.29	19.37	19.44	20.50	19.22	19.12
3GPP Rel 8	DC-HSDPA Subtest-1	19.62	19.68	19.67	21.00	19.58	19.61
3GPP Rel 8	DC-HSDPA Subtest-2	19.66	19.76	19.91	21.00	19.61	19.59
3GPP Rel 8	DC-HSDPA Subtest-3	19.33	19.30	19.23	20.50	19.20	19.25
3GPP Rel 8	DC-HSDPA Subtest-4	19.22	19.28	19.19	20.50	19.19	19.22
3GPP Rel 6	HSUPA Subtest-1	19.80	19.84	19.92	21.00	19.76	19.67
3GPP Rel 6	HSUPA Subtest-2	17.79	17.84	17.96	19.00	17.77	17.63
3GPP Rel 6	HSUPA Subtest-3	18.76	18.85	18.96	20.00	18.77	18.70
3GPP Rel 6	HSUPA Subtest-4	17.81	17.84	17.97	19.00	17.75	17.60
3GPP Rel 6	HSUPA Subtest-5	19.80	19.80	20.00	21.00	19.70	19.80



Band 2(DSI 6_standalone)-Ant 0											
BW [MHz]	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)				1860	1880	1900					
20	QPSK	1	0	20.88	20.6	20.5	21.8	0			
20	QPSK	1	49	20.38	20.45	20.42					
20	QPSK	1	99	20.22	20.36	20.23					
20	QPSK	50	0	20.48	20.38	20.34					
20	QPSK	50	24	20.38	20.36	20.32	21.8	0			
20	QPSK	50	50	20.29	20.25	20.24					
20	QPSK	100	0	20.45	20.35	20.4					
20	16QAM	1	0	20.62	20.87	20.85					
20	16QAM	1	49	20.72	20.79	20.78	21.8	0			
20	16QAM	1	99	20.6	20.74	20.58					
20	16QAM	50	0	20.51	20.54	20.54					
20	16QAM	50	24	20.56	20.52	20.59					
20	16QAM	50	50	20.43	20.56	20.5	21.8	0			
20	16QAM	100	0	20.51	20.5	20.6					
20	64QAM	1	0	20.68	20.66	20.62					
20	64QAM	1	49	20.72	20.79	20.71					
20	64QAM	1	99	20.49	20.66	20.43	21.8	0			
20	64QAM	50	0	20.11	20.09	20.11					
20	64QAM	50	24	20.11	20.09	20.15					
20	64QAM	50	50	19.98	20.08	20.05					
20	64QAM	100	0	20.06	20.06	20.10	20.8	1			
Channel				18675	18900	19125					
Frequency (MHz)				1857.5	1880	1902.5					
15	QPSK	1	0	20.54	20.47	20.50			21.8	0	
15	QPSK	1	37	20.42	20.44	20.45					
15	QPSK	1	74	20.32	20.43	20.28					
15	QPSK	36	0	20.55	20.55	20.53					
15	QPSK	36	20	20.53	20.58	20.57	21.8	0			
15	QPSK	36	39	20.45	20.55	20.49					
15	QPSK	75	0	20.53	20.55	20.47					
15	16QAM	1	0	20.63	20.50	20.69					
15	16QAM	1	37	20.66	20.85	20.73	21.8	0			
15	16QAM	1	74	20.63	20.86	20.61					
15	16QAM	36	0	20.54	20.59	20.57					
15	16QAM	36	20	20.56	20.54	20.57					
15	16QAM	36	39	20.47	20.56	20.52	21.8	0			
15	16QAM	75	0	20.54	20.58	20.51					
15	64QAM	1	0	20.72	20.66	20.70					
15	64QAM	1	37	20.68	20.71	20.62					
15	64QAM	1	74	20.59	20.72	20.56	21.8	0			
15	64QAM	36	0	20.08	20.12	20.12					
15	64QAM	36	20	20.06	20.07	20.10					
15	64QAM	36	39	20.04	20.17	20.06					
15	64QAM	75	0	20.05	20.08	20.02	20.8	1			
Channel				18650	18900	19150					
Frequency (MHz)				1855	1880	1905					
10	QPSK	1	0	20.69	20.65	20.64			21.8	0	
10	QPSK	1	25	20.51	20.58	20.50					
10	QPSK	1	49	20.45	20.55	20.40					
10	QPSK	25	0	20.74	20.68	20.63					
10	QPSK	25	12	20.65	20.65	20.59	21.8	0			
10	QPSK	25	25	20.56	20.69	20.57					
10	QPSK	50	0	20.66	20.64	20.59					
10	16QAM	1	0	20.70	20.72	20.65					
10	16QAM	1	25	20.79	20.87	20.78	21.8	0			
10	16QAM	1	49	20.87	20.83	20.76					
10	16QAM	25	0	20.73	20.71	20.63					
10	16QAM	25	12	20.69	20.70	20.62					
10	16QAM	25	25	20.56	20.70	20.57	21.8	0			
10	16QAM	50	0	20.65	20.68	20.58					
10	64QAM	1	0	20.86	20.83	20.78					
10	64QAM	1	25	20.71	20.72	20.74					
10	64QAM	1	49	20.72	20.74	20.67	21.8	0			
10	64QAM	25	0	20.26	20.24	20.18					
10	64QAM	25	12	20.20	20.20	20.13					
10	64QAM	25	25	20.12	20.24	20.13					
10	64QAM	50	0	20.17	20.17	20.11	20.8	1			
Channel				18625	18900	19175					
Frequency (MHz)				1852.5	1880	1907.5					
5	QPSK	1	0	20.65	20.67	20.54			21.8	0	
5	QPSK	1	12	20.55	20.69	20.63					
5	QPSK	1	24	20.45	20.54	20.40					
5	QPSK	12	0	20.71	20.66	20.63					
5	QPSK	12	7	20.66	20.63	20.58	21.8	0			
5	QPSK	12	13	20.57	20.64	20.49					
5	QPSK	25	0	20.65	20.61	20.55					
5	16QAM	1	0	20.71	20.66	20.62					
5	16QAM	1	12	20.82	20.71	20.81	21.8	0			
5	16QAM	1	24	20.85	20.84	20.72					
5	16QAM	12	0	20.76	20.65	20.67					
5	16QAM	12	7	20.69	20.69	20.58					
5	16QAM	12	13	20.60	20.67	20.55	21.8	0			
5	16QAM	25	0	20.68	20.63	20.58					
5	64QAM	1	0	20.67	20.69	20.67					
5	64QAM	1	12	20.83	20.71	20.83					
5	64QAM	1	24	20.77	20.83	20.73	21.8	0			
5	64QAM	12	0	20.31	20.24	20.16					
5	64QAM	12	7	20.25	20.17	20.15					
5	64QAM	12	13	20.12	20.22	20.03					
5	64QAM	25	0	20.17	20.14	20.14	20.8	1			
Channel				18615	18900	19185					
Frequency (MHz)				1851.5	1880	1908.5					
3	QPSK	1	0	20.50	20.52	20.39	21.8	0			
3	QPSK	1	8	20.40	20.54	20.48					
3	QPSK	1	14	20.30	20.39	20.25					
3	QPSK	8	0	20.56	20.51	20.48					
3	QPSK	8	4	20.51	20.48	20.43	21.8	0			
3	QPSK	8	7	20.42	20.49	20.34					
3	QPSK	15	0	20.50	20.46	20.40					
3	16QAM	1	0	20.86	20.81	20.77					
3	16QAM	1	8	20.67	20.73	20.66	21.8	0			
3	16QAM	1	14	20.70	20.69	20.57					
3	16QAM	8	0	20.61	20.50	20.52					
3	16QAM	8	4	20.54	20.54	20.43					
3	16QAM	8	7	20.45	20.52	20.40	21.8	0			
3	16QAM	15	0	20.53	20.48	20.43					
3	64QAM	1	0	20.82	20.74	20.62					
3	64QAM	1	8	20.68	20.73	20.68					
3	64QAM	1	14	20.62	20.68	20.56	21.8	0			
3	64QAM	8	0	20.16	20.09	20.01					
3	64QAM	8	4	20.10	20.02	20.00					
3	64QAM	8	7	19.97	20.07	19.88					
3	64QAM	15	0	20.02	19.99	19.99	20.8	1			
Channel				18607	18900	19193					
Frequency (MHz)				1850.7	1880	1909.3					
1.4	QPSK	1	0	20.55	20.57	20.44	21.8	0			
1.4	QPSK	1	3	20.45	20.59	20.53					
1.4	QPSK	1	5	20.35	20.44	20.30					
1.4	QPSK	3	0	20.61	20.56	20.53					
1.4	QPSK	3	1	20.56	20.53	20.48	21.8	0			
1.4	QPSK	3	3	20.47	20.54	20.39					
1.4	QPSK	6	0	20.55	20.55	20.56					
1.4	QPSK	6	0	20.71	20.86	20.82					
1.4	16QAM	1	3	20.72	20.78	20.71	21.8	0			
1.4	16QAM	1	5	20.75	20.74	20.62					
1.4	16QAM	3	0	20.66	20.55	20.57					
1.4	16QAM	3	1	20.59	20.59	20.48					
1.4	16QAM	3	3	20.50	20.57	20.45	21.8	0			
1.4	16QAM	6	0	20.58	20.53	20.48					
1.4	64QAM	1	0	20.87	20.79	20.67					
1.4	64QAM	1	3	20.67	20.78	20.73					
1.4	64QAM	1	5	20.67	20.67	20.63	21.8	0			
1.4	64QAM	3	0	20.21	20.14	20.06					
1.4	64QAM	3	1	20.15	20.07	20.05					
1.4	64QAM	3	3	20.02	20.12	19.93					
1.4	64QAM	6	0	20.07	20.04	20.04	20.8	1			

Band 4(DSI 6_standalone)-Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20050	Power Middle Ch. / Freq. 20175	Power High Ch. / Freq. 20300	Tune-up limit (dBm)	MPR (dB)			
Channel				1720	1732.5	1745					
Frequency (MHz)				1720	1732.5	1745					
20	QPSK	1	0	20.22	20.22	20.25	21	0			
20	QPSK	1	49	20.16	20.18	20.09					
20	QPSK	1	99	20.11	20.06	19.92					
20	QPSK	50	0	19.70	19.78	19.70					
20	QPSK	50	24	19.75	19.73	19.63	21	0			
20	QPSK	50	50	19.69	19.72	19.61					
20	QPSK	100	0	19.72	19.71	19.63					
20	16QAM	1	0	19.98	20.05	20.10					
20	16QAM	1	49	19.98	20.04	19.94	21	0			
20	16QAM	1	99	20.02	19.92	19.77					
20	16QAM	50	0	18.71	18.79	18.71					
20	16QAM	50	24	18.77	18.76	18.68					
20	16QAM	50	50	18.72	18.77	18.64	20	1			
20	16QAM	100	0	18.76	18.75	18.66					
20	64QAM	1	0	18.86	18.84	19.02					
20	64QAM	1	49	18.90	18.93	18.96					
20	64QAM	1	99	18.89	18.82	18.73	20	1			
20	64QAM	50	0	17.74	17.82	17.76					
20	64QAM	50	24	17.82	17.80	17.71					
20	64QAM	50	50	17.70	17.77	17.67					
20	64QAM	100	0	17.79	17.76	17.68	19	2			
20	64QAM	100	0	17.79	17.76	17.68					
Channel				20025	20175	20325	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				1717.5	1732.5	1747.5					
15	QPSK	1	0	20.16	20.20	20.21	21		0		
15	QPSK	1	37	20.13	20.16	20.09					
15	QPSK	1	74	20.06	20.03	19.89					
15	QPSK	36	0	19.66	19.78	19.64					
15	QPSK	36	20	19.68	19.69	19.56	21	0			
15	QPSK	36	39	19.64	19.72	19.58					
15	QPSK	75	0	19.68	19.71	19.59					
15	16QAM	1	0	19.91	19.98	20.04					
15	16QAM	1	37	19.92	19.96	19.87	21	0			
15	16QAM	1	74	19.87	19.88	19.70					
15	16QAM	36	0	18.70	18.79	18.67					
15	16QAM	36	20	18.71	18.76	18.66					
15	16QAM	36	39	18.69	18.72	18.64	20	1			
15	16QAM	75	0	18.76	18.71	18.65					
15	64QAM	1	0	18.83	18.79	18.96					
15	64QAM	1	37	18.83	18.86	18.89					
15	64QAM	1	74	18.85	18.82	18.68	20	1			
15	64QAM	36	0	17.73	17.81	17.71					
15	64QAM	36	20	17.81	17.78	17.70					
15	64QAM	36	39	17.86	17.74	17.67					
15	64QAM	75	0	17.73	17.73	17.65	19	2			
15	64QAM	75	0	17.73	17.73	17.65					
Channel				20000	20175	20350	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				1715	1732.5	1750					
10	QPSK	1	0	20.18	20.16	20.22	21		0		
10	QPSK	1	25	20.09	20.13	20.03					
10	QPSK	1	49	20.09	20.05	19.91					
10	QPSK	25	0	19.64	19.73	19.67					
10	QPSK	25	12	19.72	19.73	19.56	21	0			
10	QPSK	25	25	19.68	19.66	19.55					
10	QPSK	50	0	19.66	19.71	19.63					
10	16QAM	1	0	19.97	20.00	20.08					
10	16QAM	1	25	19.94	20.00	19.91	21	0			
10	16QAM	1	49	20.01	19.91	19.74					
10	16QAM	25	0	18.68	18.75	18.71					
10	16QAM	25	12	18.70	18.73	18.65					
10	16QAM	25	25	18.71	18.70	18.58	20	1			
10	16QAM	50	0	18.70	18.74	18.61					
10	64QAM	1	0	18.81	18.84	18.97					
10	64QAM	1	25	18.89	18.87	18.90					
10	64QAM	1	49	18.85	18.82	18.67	20	1			
10	64QAM	25	0	17.74	17.75	17.71					
10	64QAM	25	12	17.80	17.78	17.69					
10	64QAM	25	25	17.84	17.71	17.62					
10	64QAM	50	0	17.79	17.73	17.65	19	2			
10	64QAM	50	0	17.79	17.73	17.65					
Channel				19975	20175	20375	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				1712.5	1732.5	1752.5					
5	QPSK	1	0	20.22	20.18	20.19	21		0		
5	QPSK	1	12	20.09	20.13	20.02					
5	QPSK	1	24	20.04	20.04	19.88					
5	QPSK	12	0	19.64	19.77	19.65					
5	QPSK	12	7	19.72	19.68	19.56	21	0			
5	QPSK	12	13	19.62	19.67	19.61					
5	QPSK	25	0	19.70	19.70	19.60					
5	16QAM	1	0	19.98	19.98	20.07					
5	16QAM	1	12	19.93	20.04	19.91	21	0			
5	16QAM	1	24	19.96	19.86	19.75					
5	16QAM	12	0	18.67	18.79	18.66					
5	16QAM	12	7	18.77	18.76	18.67					
5	16QAM	12	13	18.65	18.76	18.59	20	1			
5	16QAM	25	0	18.71	18.72	18.62					
5	64QAM	1	0	18.84	18.79	19.01					
5	64QAM	1	12	18.83	18.89	18.91					
5	64QAM	1	24	18.88	18.77	18.71	20	1			
5	64QAM	12	0	17.71	17.82	17.72					
5	64QAM	12	7	17.80	17.74	17.70					
5	64QAM	12	13	17.67	17.70	17.62					
5	64QAM	25	0	17.76	17.74	17.64	19	2			
5	64QAM	25	0	17.76	17.74	17.64					
Channel				19965	20175	20385	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				1711.5	1732.5	1753.5					
3	QPSK	1	0	20.21	20.20	20.24	21		0		
3	QPSK	1	8	20.12	20.14	20.07					
3	QPSK	1	14	20.04	20.06	19.90					
3	QPSK	8	0	19.66	19.72	19.70					
3	QPSK	8	4	19.68	19.68	19.62	21	0			
3	QPSK	8	7	19.64	19.66	19.57					
3	QPSK	15	0	19.68	19.66	19.57					
3	16QAM	1	0	19.97	19.98	20.06					
3	16QAM	1	8	19.95	20.04	19.90	21	0			
3	16QAM	1	14	19.98	19.90	19.76					
3	16QAM	8	0	18.68	18.79	18.66					
3	16QAM	8	4	18.72	18.76	18.61					
3	16QAM	8	7	18.65	18.75	18.61	20	1			
3	16QAM	15	0	18.74	18.74	18.62					
3	64QAM	1	0	18.81	18.79	18.99					
3	64QAM	1	8	18.86	18.89	18.94					
3	64QAM	1	14	18.88	18.82	18.67	20	1			
3	64QAM	8	0	17.73	17.80	17.73					
3	64QAM	8	4	17.79	17.80	17.67					
3	64QAM	8	7	17.67	17.73	17.65					
3	64QAM	15	0	17.76	17.71	17.64	19	2			
3	64QAM	15	0	17.76	17.71	17.64					
Channel				19957	20175	20393	Tune-up limit (dBm)		MPR (dB)		
Frequency (MHz)				1710.7	1732.5	1754.3					
1.4	QPSK	1	0	20.17	20.18	20.24	21		0		
1.4	QPSK	1	3	20.10	20.11	20.06					
1.4	QPSK	1	5	20.05	20.01	19.87					
1.4	QPSK	3	0	20.21	20.20	20.19					
1.4	QPSK	3	1	20.14	20.15	20.08	21	0			
1.4	QPSK	3	3	20.11	20.06	19.85					
1.4	QPSK	6	0	19.69	19.70	19.58					
1.4	QPSK	6	1	19.91	19.99	19.90					
1.4	16QAM	3	3	19.98	20.04	19.93	21	0			
1.4	16QAM	3	5	20.01	19.90	19.71					
1.4	16QAM	3	0	19.96	20.02	20.05					
1.4	16QAM	3	1	19.95	20.04	19.88					
1.4	16QAM	3	3	20.00	19.88	19.73	20	1			
1.4	16QAM	6	0	18.72	18.71	18.59					
1.4	64QAM	1	0	18.86	18.83	18.96					
1.4	64QAM	1	3	18.84	18.93	18.93					
1.4	64QAM	1	5	18.84	18.77	18.69	20	1			
1.4	64QAM	3	0	18.83	18.83	18.96					
1.4	64QAM	3	1	18.85	18.92	18.97					
1.4	64QAM	3	3	18.82	18.76	18.70					
1.4	64QAM	6	0	17.74	17.71	17.63	19	2			
1.4	64QAM	6	0	17.74	17.71	17.63					

Band 66(DSI 6_standalone)-Ant 0											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 132072	Power Middle Ch. / Freq. 132322	Power High Ch. / Freq. 132572	Tune-up limit (dBm)	MPR (dB)			
Channel				132072	132322	132572					
Frequency (MHz)				1720	1745	1770					
20	QPSK	1	0	20.85	20.87	20.58	21.8	0	21	0	
20	QPSK	1	49	20.30	20.64	20.26					
20	QPSK	1	99	20.46	20.56	20.44					
20	QPSK	50	0	20.58	20.61	20.55	21.8	0	21	0	
20	QPSK	50	24	20.39	20.38	20.35					
20	QPSK	50	50	20.36	20.38	20.27					
20	QPSK	100	0	20.48	20.49	20.46	21.8	0	21	0	
20	16QAM	1	0	20.63	20.53	20.59					
20	16QAM	1	49	20.62	20.65	20.55					
20	16QAM	1	99	20.53	20.47	20.40	21.8	0	21	0	
20	16QAM	50	0	20.34	20.41	20.30					
20	16QAM	50	24	20.43	20.34	20.40					
20	16QAM	50	50	20.38	20.42	20.31	21.8	0	20	1	
20	16QAM	100	0	20.36	20.41	20.36					
20	64QAM	1	0	20.38	20.60	20.47					
20	64QAM	1	49	20.47	20.59	20.48	21.8	0	20	1	
20	64QAM	1	99	20.42	20.42	20.37					
20	64QAM	50	0	19.95	20.06	19.95					
20	64QAM	50	24	20.02	20.05	19.97	21	0.8	19	2	
20	64QAM	50	50	20.01	20.05	19.91					
20	64QAM	100	0	20.00	20.02	19.95					
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1717.5	1745	1772.5					
15	QPSK	1	0	20.50	20.63	20.35	21.8	0	21	0	
15	QPSK	1	37	20.20	20.40	20.51					
15	QPSK	1	74	20.27	20.32	20.25					
15	QPSK	36	0	20.36	20.43	20.28	21.8	0	21	0	
15	QPSK	36	20	20.50	20.39	20.45					
15	QPSK	36	39	20.47	20.51	20.40					
15	QPSK	75	0	20.33	20.24	20.52	21.8	0	21	0	
15	16QAM	1	0	20.37	20.62	20.55					
15	16QAM	1	37	20.49	20.56	20.51					
15	16QAM	1	74	20.55	20.24	20.31	21.8	0	20	1	
15	16QAM	36	0	20.35	20.39	20.35					
15	16QAM	36	20	20.47	20.56	20.59					
15	16QAM	36	39	20.53	20.53	20.37	21.8	0	20	1	
15	16QAM	75	0	20.42	20.51	20.53					
15	64QAM	1	0	20.50	20.59	20.65					
15	64QAM	1	37	20.55	20.29	20.66	21.8	0	20	1	
15	64QAM	1	74	20.66	20.31	20.44					
15	64QAM	36	0	19.93	20.13	20.02					
15	64QAM	36	20	20.07	20.02	20.00	21	0.8	19	2	
15	64QAM	36	39	20.14	20.16	20.03					
15	64QAM	75	0	19.99	19.99	20.12					
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1715	1745	1775					
10	QPSK	1	0	20.27	20.50	20.39	21.8	0	21	0	
10	QPSK	1	25	20.46	20.47	20.36					
10	QPSK	1	49	20.22	20.26	20.56					
10	QPSK	25	0	20.50	20.43	20.45	21.8	0	21	0	
10	QPSK	25	12	20.59	20.52	20.53					
10	QPSK	25	25	20.64	20.47	20.31					
10	QPSK	50	0	20.51	20.41	20.37	21.8	0	21	0	
10	16QAM	1	0	20.63	20.46	20.27					
10	16QAM	1	25	20.29	20.44	20.30					
10	16QAM	1	49	20.39	20.31	20.35	21.8	0	20	1	
10	16QAM	25	0	20.47	20.47	20.26					
10	16QAM	25	12	20.62	20.39	20.61					
10	16QAM	25	25	20.47	20.50	20.41	21.8	0	20	1	
10	16QAM	50	0	20.40	20.55	20.55					
10	64QAM	1	0	20.64	20.64	20.51					
10	64QAM	1	25	20.65	20.49	20.59	21.8	0	20	1	
10	64QAM	1	49	20.64	20.47	20.66					
10	64QAM	25	0	20.06	20.15	20.15					
10	64QAM	25	12	20.15	20.15	20.15	21	0.8	19	2	
10	64QAM	25	25	20.04	20.18	19.99					
10	64QAM	50	0	20.16	20.17	20.10					
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1712.5	1745	1777.5					
5	QPSK	1	0	20.22	20.21	20.44	21.8	0	21	0	
5	QPSK	1	12	20.26	20.33	20.39					
5	QPSK	1	24	20.44	20.39	20.55					
5	QPSK	12	0	20.36	20.45	20.39	21.8	0	21	0	
5	QPSK	12	7	20.55	20.44	20.59					
5	QPSK	12	13	20.62	20.49	20.39					
5	QPSK	25	0	20.41	20.35	20.56	21.8	0	21	0	
5	16QAM	1	0	20.66	20.59	20.58					
5	16QAM	1	12	20.57	20.59	20.60					
5	16QAM	1	24	20.47	20.39	20.58	21.8	0	20	1	
5	16QAM	12	0	20.60	20.56	20.33					
5	16QAM	12	7	20.49	20.63	20.63					
5	16QAM	12	13	20.52	20.58	20.45	21.8	0	20	1	
5	16QAM	25	0	20.42	20.65	20.49					
5	64QAM	1	0	20.47	20.54	20.64					
5	64QAM	1	12	20.52	20.52	20.58	21.8	0	20	1	
5	64QAM	1	24	20.59	20.62	20.60					
5	64QAM	12	0	20.12	20.11	20.08					
5	64QAM	12	7	20.12	20.05	20.16	21	0.8	19	2	
5	64QAM	12	13	19.97	20.13	20.02					
5	64QAM	25	0	20.09	20.13	20.23					
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1711.5	1745	1778.5					
3	QPSK	1	0	20.25	20.59	20.32	21.8	0	21	0	
3	QPSK	1	8	20.38	20.45	20.26					
3	QPSK	1	14	20.58	20.31	20.50					
3	QPSK	8	0	20.31	20.42	20.40	21.8	0	21	0	
3	QPSK	8	4	20.47	20.39	20.55					
3	QPSK	8	7	20.64	20.50	20.37					
3	QPSK	15	0	20.54	20.28	20.35	21.8	0	21	0	
3	16QAM	1	0	20.63	20.66	20.48					
3	16QAM	1	8	20.59	20.60	20.57					
3	16QAM	1	14	20.60	20.63	20.58	21.8	0	20	1	
3	16QAM	8	0	20.49	20.31	20.26					
3	16QAM	8	4	20.55	20.46	20.54					
3	16QAM	8	7	20.46	20.62	20.51	21.8	0	20	1	
3	16QAM	15	0	20.42	20.58	20.57					
3	64QAM	1	0	20.58	20.66	20.65					
3	64QAM	1	8	20.64	20.54	20.59	21.8	0	20	1	
3	64QAM	1	14	20.57	20.54	20.60					
3	64QAM	8	0	20.04	19.90	20.01					
3	64QAM	8	4	20.14	20.11	19.96	21	0.8	19	2	
3	64QAM	8	7	20.14	20.15	20.04					
3	64QAM	15	0	20.01	20.13	20.11					
Channel				131979	132322	132661	Tune-up limit (dBm)	MPR (dB)			
Frequency (MHz)				1710.7	1745	1779.3					
1.4	QPSK	1	0	20.56	20.60	20.23	21.8	0	21	0	
1.4	QPSK	1	3	20.27	20.31	20.26					
1.4	QPSK	1	5	20.22	20.25	20.51					
1.4	QPSK	3	0	20.51	20.63	20.59	21.8	0	21	0	
1.4	QPSK	3	1	20.65	20.58	20.63					
1.4	QPSK	3	3	20.63	20.65	20.55					
1.4	QPSK	6	0	20.28	20.36	20.37	21.8	0	20	1	
1.4	QPSK	6	1	20.48	20.57	20.60					
1.4	16QAM	3	3	20.43	20.58	20.58					
1.4	16QAM	3	5	20.47	20.52	20.50	21.8	0	20	1	
1.4	16QAM	3	0	20.45	20.45	20.55					
1.4	16QAM	3	1	20.44	20.43	20.56					
1.4	16QAM	3	3	20.49	20.54	20.61	21.8	0	20	1	
1.4	16QAM	6	0	20.44	20.42	20.82					
1.4	64QAM	1	0	20.43	20.56	20.41					
1.4	64QAM	1	3	20.41	20.50	20.42	21.8	0	20	1	
1.4	64QAM	1	5	20.53	20.51	20.46					
1.4	64QAM	3	0	20.44	20.47	20.54					
1.4	64QAM	3	1	20.47	20.43	20.55	21	0.8	19	2	
1.4	64QAM	3	3	20.59	20.58	20.51					
1.4	64QAM	6	0	19.85	20.07	19.91					

Band 48(DSI 6_standalone)_FCC										
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	20.5	0	
Frequency (MHz)				3560	3609	3641	3690			
20	QPSK	1	0	19.47	19.33	19.24	19.12			
20	QPSK	1	49	19.52	19.60	19.28	19.21			
20	QPSK	1	99	19.51	19.32	19.21	18.99	20.5	0	
20	QPSK	50	0	19.50	19.56	19.32	19.20			
20	QPSK	50	24	19.45	19.38	19.30	19.05			
20	QPSK	50	50	19.42	19.33	19.21	19.02			
20	QPSK	100	0	19.46	19.48	19.28	19.11	20.5	0	
20	16QAM	1	0	19.50	19.28	19.32	19.23			
20	16QAM	1	49	19.47	19.17	19.28	19.12			
20	16QAM	1	99	19.39	19.26	19.28	18.99			
20	16QAM	50	0	19.48	19.25	19.33	19.12	20.5	0	
20	16QAM	50	24	19.43	19.20	19.22	19.15			
20	16QAM	50	50	19.40	19.22	19.25	19.13			
20	16QAM	100	0	19.38	19.20	19.31	19.15			
20	64QAM	1	0	19.52	19.37	19.32	19.23	20.5	0	
20	64QAM	1	49	19.39	19.27	19.29	19.11			
20	64QAM	1	99	19.32	19.29	19.15	18.99			
20	64QAM	50	0	19.48	19.50	19.35	19.23			
20	64QAM	50	24	19.33	19.40	19.32	19.16	20.5	0	
20	64QAM	50	50	19.49	19.32	19.35	19.22			
20	64QAM	100	0	19.48	19.25	19.27	19.11			
Channel				55315	55820	56160	56665	20.5	0	
Frequency (MHz)				3557.5	3608	3642	3692.5			
15	QPSK	1	0	19.37	19.54	19.49	19.37			
15	QPSK	1	37	19.41	19.48	19.40	19.46			
15	QPSK	1	74	19.46	19.46	19.40	19.44	20.5	0	
15	QPSK	36	0	19.50	19.38	19.55	19.37			
15	QPSK	36	20	19.41	19.50	19.42	19.49			
15	QPSK	36	39	19.42	19.44	19.45	19.48			
15	QPSK	75	0	19.47	19.38	19.43	19.54	20.5	0	
15	16QAM	1	0	19.55	19.51	19.45	19.41			
15	16QAM	1	37	19.55	19.50	19.40	19.42			
15	16QAM	1	74	19.37	19.40	19.49	19.42			
15	16QAM	36	0	19.55	19.39	19.39	19.39	20.5	0	
15	16QAM	36	20	19.53	19.52	19.46	19.43			
15	16QAM	36	39	19.37	19.37	19.51	19.50			
15	16QAM	75	0	19.38	19.52	19.37	19.41			
15	64QAM	1	0	19.44	19.37	19.37	19.42	20.5	0	
15	64QAM	1	37	19.39	19.53	19.53	19.52			
15	64QAM	1	74	19.50	19.44	19.43	19.40			
15	64QAM	36	0	19.49	19.44	19.44	19.38			
15	64QAM	36	20	19.45	19.37	19.54	19.49	20.5	0	
15	64QAM	36	39	19.38	19.41	19.44	19.39			
15	64QAM	75	0	19.51	19.55	19.47	19.43			
Channel				55290	55815	56165	56690	20.5	0	
Frequency (MHz)				3555	3607.5	3642.5	3695			
10	QPSK	1	0	19.43	19.48	19.43	19.40			
10	QPSK	1	25	19.47	19.37	19.50	19.49			
10	QPSK	1	49	19.40	19.42	19.42	19.48	20.5	0	
10	QPSK	25	0	19.52	19.39	19.37	19.51			
10	QPSK	25	12	19.48	19.55	19.45	19.42			
10	QPSK	25	25	19.45	19.38	19.51	19.38			
10	QPSK	50	0	19.52	19.47	19.38	19.39	20.5	0	
10	16QAM	1	0	19.37	19.37	19.48	19.43			
10	16QAM	1	25	19.52	19.52	19.38	19.44			
10	16QAM	1	49	19.41	19.46	19.53	19.37			
10	16QAM	25	0	19.40	19.43	19.53	19.45	20.5	0	
10	16QAM	25	12	19.39	19.55	19.42	19.52			
10	16QAM	25	25	19.38	19.48	19.40	19.47			
10	16QAM	50	0	19.41	19.49	19.54	19.41			
10	64QAM	1	0	19.45	19.54	19.43	19.50	20.5	0	
10	64QAM	1	25	19.51	19.55	19.55	19.41			
10	64QAM	1	49	19.48	19.55	19.55	19.55			
10	64QAM	25	0	19.42	19.46	19.51	19.37			
10	64QAM	25	12	19.43	19.40	19.37	19.41	20.5	0	
10	64QAM	25	25	19.38	19.41	19.39	19.52			
10	64QAM	50	0	19.38	19.49	19.51	19.37			
Channel				55265	55810	56170	56715	20.5	0	
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	19.53	19.45	19.54	19.50			
5	QPSK	1	12	19.51	19.44	19.42	19.40			
5	QPSK	1	24	19.40	19.43	19.46	19.49	20.5	0	
5	QPSK	12	0	19.39	19.48	19.37	19.55			
5	QPSK	12	7	19.46	19.48	19.45	19.51			
5	QPSK	12	13	19.51	19.54	19.38	19.52			
5	QPSK	25	0	19.48	19.48	19.49	19.48	20.5	0	
5	16QAM	1	0	19.41	19.46	19.47	19.55			
5	16QAM	1	12	19.39	19.39	19.47	19.46			
5	16QAM	1	24	19.51	19.55	19.45	19.47			
5	16QAM	12	0	19.39	19.50	19.42	19.49	20.5	0	
5	16QAM	12	7	19.54	19.50	19.48	19.38			
5	16QAM	12	13	19.51	19.47	19.49	19.45			
5	16QAM	25	0	19.51	19.44	19.41	19.52			
5	64QAM	1	0	19.49	19.46	19.41	19.39	20.5	0	
5	64QAM	1	12	19.43	19.40	19.54	19.40			
5	64QAM	1	24	19.40	19.38	19.50	19.41			
5	64QAM	12	0	19.50	19.48	19.45	19.51			
5	64QAM	12	7	19.40	19.48	19.53	19.43	20.5	0	
5	64QAM	12	13	19.45	19.40	19.49	19.39			
5	64QAM	25	0	19.43	19.55	19.44	19.54			

										Ant 0
GSM1900(DSI 6_Sim-Tx)		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)	
TX Channel		512	661	810		512	661	810		
Frequency (MHz)		1852.2	1880	1908.8		1852.2	1880	1908.8		
GSM 1 Tx slot		29.00	29.00	29.03	30.00	20.00	20.00	20.03	21.00	
GPRS 1 Tx slot		29.02	29.07	29.02	30.00	20.02	20.07	20.02	21.00	
GPRS 2 Tx slots		26.21	25.73	25.89	27.00	20.21	19.73	19.89	21.00	
GPRS 3 Tx slots		24.43	24.01	23.81	25.50	20.17	19.75	19.55	21.24	
GPRS 4 Tx slots		22.94	22.49	22.62	23.50	19.94	19.49	19.62	20.50	
EDGE 1 Tx slot		24.58	24.25	24.67	25.50	15.58	15.25	15.67	16.50	
EDGE 2 Tx slots		22.92	22.85	22.98	24.00	16.92	16.85	16.98	18.00	
EDGE 3 Tx slots		21.48	21.45	21.62	22.50	17.22	17.19	17.36	18.24	
EDGE 4 Tx slots		19.69	19.76	19.88	21.00	16.69	16.76	16.88	18.00	
										Ant 1
Band		WCDMA I(DSI 6_Sim-Tx)			Tune-up Limit (dBm)	WCDMA I(DSI 6_Sim-Tx)			Tune-up Limit (dBm)	
TX Channel		9262	9400	9538		9262	9400	9538		
Rx Channel		9682	9800	9938		9682	9800	9938		
Frequency (MHz)		1852.4	1880	1907.6		1852.4	1880	1907.6		
3GPP Rel 99 AMR 12.2Kbps		20.65	20.71	20.90	22.00	20.10	20.00	20.12	21.00	
3GPP Rel 99 RMC 12.2Kbps		20.69	20.72	20.92	22.00	20.13	20.03	20.14	21.00	
3GPP Rel 6 HSDPA Subtest-1		19.78	19.84	19.90	21.00	19.30	19.18	19.33	20.00	
3GPP Rel 6 HSDPA Subtest-2		19.82	19.85	19.91	21.00	19.30	19.10	19.45	20.00	
3GPP Rel 6 HSDPA Subtest-3		19.34	19.35	19.40	20.50	18.84	18.71	18.88	19.50	
3GPP Rel 6 HSDPA Subtest-4		19.29	19.37	19.44	20.50	18.82	18.72	18.85	19.50	
3GPP Rel 6 DC-HSDPA Subtest-1		19.62	19.68	19.67	21.00	19.18	19.21	19.25	20.00	
3GPP Rel 6 DC-HSDPA Subtest-2		19.66	19.76	19.91	21.00	19.21	19.19	19.22	20.00	
3GPP Rel 6 DC-HSDPA Subtest-3		19.33	19.30	19.23	20.50	18.80	18.85	18.90	19.50	
3GPP Rel 6 DC-HSDPA Subtest-4		19.22	19.28	19.19	20.50	18.79	18.82	18.84	19.50	
3GPP Rel 6 HSUPA Subtest-1		19.80	19.84	19.92	21.00	19.36	19.27	19.49	20.00	
3GPP Rel 6 HSUPA Subtest-2		17.79	17.84	17.96	19.00	17.37	17.23	17.45	18.00	
3GPP Rel 6 HSUPA Subtest-3		18.76	18.85	18.96	20.00	18.37	18.30	18.49	19.00	
3GPP Rel 6 HSUPA Subtest-4		17.81	17.84	17.97	19.00	17.35	17.20	17.42	18.00	
3GPP Rel 6 HSUPA Subtest-5		19.80	19.80	20.00	21.00	19.30	19.30	19.40	20.00	

Band 2(DSI 6_Sim-Tx)-Ant 0										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	20.88	20.60	20.50	21.8	0		
20	QPSK	1	49	20.38	20.45	20.42				
20	QPSK	1	99	20.22	20.36	20.23				
20	QPSK	50	0	20.48	20.40	20.34				
20	QPSK	50	24	20.38	20.36	20.32	21.8	0		
20	QPSK	50	50	20.29	20.25	20.24				
20	QPSK	100	0	20.45	20.36	20.40				
20	16QAM	1	0	20.62	20.87	20.85				
20	16QAM	1	49	20.72	20.79	20.78	21.8	0		
20	16QAM	1	99	20.60	20.74	20.58				
20	16QAM	50	0	20.51	20.54	20.54				
20	16QAM	50	24	20.56	20.52	20.59				
20	16QAM	50	50	20.43	20.56	20.50	21.8	0		
20	16QAM	100	0	20.51	20.50	20.60				
20	64QAM	1	0	20.68	20.66	20.62				
20	64QAM	1	49	20.72	20.79	20.71				
20	64QAM	1	99	20.49	20.66	20.43	21.8	0		
20	64QAM	50	0	20.11	20.09	20.11				
20	64QAM	50	24	20.11	20.09	20.15				
20	64QAM	50	50	19.98	20.08	20.05				
20	64QAM	100	0	20.06	20.06	20.10	20.8	1		
Channel				1867.5	1890.0	1912.5				
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	20.54	20.47	20.50	21.8	0		
15	QPSK	1	37	20.42	20.44	20.45				
15	QPSK	1	74	20.32	20.43	20.28				
15	QPSK	36	0	20.55	20.55	20.53				
15	QPSK	36	20	20.53	20.52	20.57	21.8	0		
15	QPSK	36	39	20.45	20.58	20.49				
15	QPSK	75	0	20.53	20.55	20.47				
15	16QAM	1	0	20.63	20.50	20.69				
15	16QAM	1	37	20.66	20.85	20.73	21.8	0		
15	16QAM	1	74	20.63	20.85	20.61				
15	16QAM	36	0	20.54	20.59	20.57				
15	16QAM	36	20	20.56	20.54	20.57				
15	16QAM	36	39	20.47	20.56	20.52	21.8	0		
15	16QAM	75	0	20.54	20.58	20.51				
15	64QAM	1	0	20.72	20.66	20.70				
15	64QAM	1	37	20.68	20.71	20.62				
15	64QAM	1	74	20.59	20.72	20.56	21.8	0		
15	64QAM	36	0	20.08	20.12	20.12				
15	64QAM	36	20	20.06	20.07	20.10				
15	64QAM	36	39	20.04	20.17	20.06				
15	64QAM	75	0	20.05	20.08	20.02	20.8	1		
Channel				1865.0	1890.0	1915.0				
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	20.69	20.65	20.64	21.8	0		
10	QPSK	1	25	20.51	20.58	20.50				
10	QPSK	1	49	20.45	20.55	20.40				
10	QPSK	25	0	20.74	20.68	20.63				
10	QPSK	25	12	20.65	20.65	20.59	21.8	0		
10	QPSK	25	25	20.56	20.69	20.57				
10	QPSK	50	0	20.66	20.64	20.59				
10	16QAM	1	0	20.76	20.72	20.65				
10	16QAM	1	25	20.79	20.87	20.78	21.8	0		
10	16QAM	1	49	20.87	20.83	20.76				
10	16QAM	25	0	20.73	20.71	20.63				
10	16QAM	25	12	20.69	20.70	20.62				
10	16QAM	25	25	20.56	20.70	20.57	21.8	0		
10	16QAM	50	0	20.65	20.68	20.58				
10	64QAM	1	0	20.86	20.83	20.78				
10	64QAM	1	25	20.71	20.72	20.74				
10	64QAM	1	49	20.72	20.74	20.67	21.8	0		
10	64QAM	25	0	20.66	20.64	20.61				
10	64QAM	25	12	20.20	20.20	20.13				
10	64QAM	25	25	20.22	20.24	20.13				
10	64QAM	50	0	20.17	20.17	20.11	20.8	1		
Channel				1862.5	1890.0	1917.5				
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	20.65	20.67	20.54	21.8	0		
5	QPSK	1	12	20.55	20.69	20.63				
5	QPSK	1	24	20.45	20.54	20.40				
5	QPSK	12	0	20.71	20.66	20.63				
5	QPSK	12	7	20.66	20.63	20.58	21.8	0		
5	QPSK	12	13	20.57	20.64	20.49				
5	QPSK	25	0	20.65	20.61	20.55				
5	16QAM	1	0	20.71	20.66	20.62				
5	16QAM	1	12	20.82	20.71	20.81	21.8	0		
5	16QAM	1	24	20.85	20.84	20.72				
5	16QAM	12	0	20.76	20.65	20.67				
5	16QAM	12	7	20.69	20.69	20.58				
5	16QAM	12	13	20.60	20.67	20.55	21.8	0		
5	16QAM	25	0	20.68	20.63	20.58				
5	64QAM	1	0	20.67	20.69	20.67				
5	64QAM	1	12	20.83	20.71	20.83				
5	64QAM	1	24	20.77	20.83	20.73	21.8	0		
5	64QAM	12	0	20.31	20.24	20.16				
5	64QAM	12	7	20.25	20.17	20.15				
5	64QAM	12	13	20.12	20.22	20.03				
5	64QAM	25	0	20.17	20.14	20.14	20.8	1		
Channel				1861.5	1890.0	1918.5				
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	20.50	20.52	20.39	21.8	0		
3	QPSK	1	8	20.40	20.54	20.48				
3	QPSK	1	14	20.30	20.39	20.25				
3	QPSK	8	0	20.56	20.51	20.48				
3	QPSK	8	4	20.51	20.48	20.43	21.8	0		
3	QPSK	8	7	20.42	20.49	20.34				
3	QPSK	15	0	20.50	20.46	20.40				
3	16QAM	1	0	20.86	20.81	20.77				
3	16QAM	1	8	20.67	20.73	20.66	21.8	0		
3	16QAM	1	14	20.70	20.69	20.57				
3	16QAM	8	0	20.61	20.50	20.52				
3	16QAM	8	4	20.54	20.54	20.43				
3	16QAM	8	7	20.45	20.52	20.40	21.8	0		
3	16QAM	15	0	20.53	20.48	20.43				
3	64QAM	1	0	20.82	20.74	20.62				
3	64QAM	1	8	20.68	20.73	20.66				
3	64QAM	1	14	20.62	20.74	20.63	21.8	0		
3	64QAM	8	0	20.66	20.69	20.58				
3	64QAM	8	0	20.16	20.09	20.01				
3	64QAM	8	4	20.10	20.02	20.00				
3	64QAM	8	7	19.97	20.07	19.88	20.8	1		
3	64QAM	15	0	20.02	19.99	19.99				
Channel				1860.7	1890.0	1919.3				
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	20.55	20.57	20.44	21.8	0		
1.4	QPSK	1	3	20.45	20.59	20.53				
1.4	QPSK	1	5	20.35	20.44	20.30				
1.4	QPSK	3	0	20.61	20.56	20.53				
1.4	QPSK	3	1	20.56	20.53	20.48	21.8	0		
1.4	QPSK	3	3	20.47	20.54	20.39				
1.4	QPSK	6	0	20.55	20.46	20.45				
1.4	QPSK	6	0	20.71	20.86	20.82				
1.4	16QAM	1	3	20.72	20.78	20.71	21.8	0		
1.4	16QAM	1	5	20.75	20.74	20.62				
1.4	16QAM	3	0	20.66	20.55	20.57				
1.4	16QAM	3	1	20.59	20.59	20.48				
1.4	16QAM	3	3	20.50	20.57	20.45	21.8	0		
1.4	16QAM	6	0	20.58	20.53	20.48				
1.4	64QAM	1	0	20.87	20.79	20.67				
1.4	64QAM	1	3	20.73	20.78	20.63				
1.4	64QAM	1	5	20.67	20.70	20.63	21.8	0		
1.4	64QAM	3	0	20.21	20.14	20.06				
1.4	64QAM	3	1	20.15	20.07	20.05				
1.4	64QAM	3	3	20.02	20.12	19.93				
1.4	64QAM	6	0	20.07	20.04	20.04	20.8	1		

Band 4(DSI 6_Sim-Tx)-Ant 1										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20050	Power Middle Ch. / Freq. 20175	Power High Ch. / Freq. 20300	Tune-up limit (dBm)	MPR (dB)		
Channel				1720	1732.5	1745				
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	19.27	19.32	19.64	20.5	0		
20	QPSK	1	49	19.21	19.29	19.21				
20	QPSK	1	99	19.21	19.15	19.03	20.5	0		
20	QPSK	50	0	19.30	19.36	19.33				
20	QPSK	50	24	19.35	19.36	19.27	20.5	0		
20	QPSK	50	50	19.26	19.34	19.25				
20	QPSK	100	0	19.33	19.32	19.24	20.5	0		
20	16QAM	1	0	19.62	19.60	19.61				
20	16QAM	1	49	19.59	19.63	19.53	20.5	0		
20	16QAM	1	99	19.60	19.51	19.40				
20	16QAM	50	0	18.77	18.88	18.79	20	0.5		
20	16QAM	50	24	18.87	18.87	18.77				
20	16QAM	50	50	18.78	18.83	18.74	20	0.5		
20	16QAM	100	0	18.83	18.83	18.74				
20	64QAM	1	0	18.90	18.95	19.04	20	0.5		
20	64QAM	1	49	18.92	19.00	18.94				
20	64QAM	1	99	18.93	18.94	18.73	19	1.5		
20	64QAM	50	0	17.81	17.91	17.86				
20	64QAM	50	24	17.90	17.89	17.81	20	0.5		
20	64QAM	50	50	17.81	17.85	17.75				
20	64QAM	100	0	17.88	17.84	17.76	20.5	0		
Channel				20025	20175	20325				
Frequency (MHz)				1717.5	1732.5	1747.5	Tune-up limit (dBm)	MPR (dB)		
15	QPSK	1	0	19.21	19.30	19.25	20.5	0		
15	QPSK	1	37	19.16	19.25	19.16				
15	QPSK	1	74	19.16	19.08	19.00	20.5	0		
15	QPSK	36	0	19.27	19.38	19.32				
15	QPSK	36	20	19.30	19.36	19.24	20.5	0		
15	QPSK	36	39	19.21	19.35	19.18				
15	QPSK	75	0	19.26	19.30	19.21	20.5	0		
15	16QAM	1	0	19.55	19.63	19.61				
15	16QAM	1	37	19.58	19.60	19.45	20.5	0		
15	16QAM	1	74	19.51	19.44	19.30				
15	16QAM	36	0	18.81	18.90	18.72	20	0.5		
15	16QAM	36	20	18.83	18.92	18.77				
15	16QAM	36	39	18.77	18.74	18.70	20	0.5		
15	16QAM	75	0	18.83	18.74	18.73				
15	64QAM	1	0	18.89	18.95	18.94	20	0.5		
15	64QAM	1	37	18.81	18.90	18.83				
15	64QAM	1	74	18.91	18.97	18.73	19	1.5		
15	64QAM	36	0	17.85	17.86	17.76				
15	64QAM	36	20	17.84	17.82	17.77	20	0.5		
15	64QAM	36	39	17.78	17.83	17.72				
15	64QAM	75	0	17.83	17.77	17.68	20.5	0		
Channel				20000	20175	20350				
Frequency (MHz)				1715	1732.5	1750	Tune-up limit (dBm)	MPR (dB)		
10	QPSK	1	0	19.27	19.25	19.36	20.5	0		
10	QPSK	1	25	19.10	19.21	19.12				
10	QPSK	1	49	19.20	19.18	19.04	20.5	0		
10	QPSK	25	0	19.24	19.32	19.28				
10	QPSK	25	12	19.35	19.38	19.17	20.5	0		
10	QPSK	25	25	19.22	19.30	19.15				
10	QPSK	50	0	19.23	19.34	19.21	20.5	0		
10	16QAM	1	0	19.62	19.60	19.57				
10	16QAM	1	25	19.51	19.56	19.48	20	0.5		
10	16QAM	1	49	19.58	19.51	19.40				
10	16QAM	25	0	18.69	18.83	18.82	20	0.5		
10	16QAM	25	12	18.85	18.86	18.69				
10	16QAM	25	25	18.79	18.72	18.73	20	0.5		
10	16QAM	50	0	18.82	18.87	18.70				
10	64QAM	1	0	18.90	18.99	18.96	20	0.5		
10	64QAM	1	25	18.96	18.97	18.87				
10	64QAM	1	49	18.84	18.96	18.63	19	1.5		
10	64QAM	25	0	17.86	17.86	17.76				
10	64QAM	25	12	17.84	17.87	17.76	20	0.5		
10	64QAM	25	25	17.72	17.79	17.74				
10	64QAM	50	0	17.89	17.82	17.71	20.5	0		
Channel				19975	20175	20375				
Frequency (MHz)				1712.5	1732.5	1752.5	Tune-up limit (dBm)	MPR (dB)		
5	QPSK	1	0	19.30	19.32	19.28	20.5	0		
5	QPSK	1	12	19.19	19.28	19.16				
5	QPSK	1	24	19.09	19.13	18.94	20.5	0		
5	QPSK	12	0	19.28	19.34	19.23				
5	QPSK	12	7	19.36	19.27	19.16	20.5	0		
5	QPSK	12	13	19.20	19.28	19.27				
5	QPSK	25	0	19.32	19.26	19.18	20.5	0		
5	16QAM	1	0	19.61	19.63	19.59				
5	16QAM	1	12	19.52	19.58	19.50	20.5	0		
5	16QAM	1	24	19.50	19.48	19.33				
5	16QAM	12	0	18.75	18.89	18.78	20	0.5		
5	16QAM	12	7	18.91	18.90	18.71				
5	16QAM	12	13	18.69	18.78	18.65	20	0.5		
5	16QAM	25	0	18.82	18.83	18.67				
5	64QAM	1	0	18.84	18.92	19.07	20	0.5		
5	64QAM	1	12	18.82	18.96	18.91				
5	64QAM	1	24	18.91	18.84	18.73	19	1.5		
5	64QAM	12	0	17.75	17.91	17.86				
5	64QAM	12	7	17.83	17.88	17.82	20	0.5		
5	64QAM	12	13	17.80	17.74	17.71				
5	64QAM	25	0	17.83	17.87	17.73	20.5	0		
Channel				19965 <th>20175</th> <th>20385</th>	20175	20385				
Frequency (MHz)				1711.5	1732.5	1753.5	Tune-up limit (dBm)	MPR (dB)		
3	QPSK	1	0	19.27	19.25	19.31	20.5	0		
3	QPSK	1	8	19.21	19.26	19.23				
3	QPSK	1	14	19.17	19.13	19.01	20.5	0		
3	QPSK	8	0	19.26	19.26	19.37				
3	QPSK	8	4	19.31	19.27	19.22	20.5	0		
3	QPSK	8	7	19.21	19.24	19.24				
3	QPSK	15	0	19.25	19.23	19.16	20.5	0		
3	16QAM	1	0	19.63	19.60	19.55				
3	16QAM	1	8	19.51	19.58	19.49	20.5	0		
3	16QAM	1	14	19.57	19.46	19.34				
3	16QAM	8	0	18.69	18.84	18.73	20	0.5		
3	16QAM	8	4	18.85	18.84	18.72				
3	16QAM	8	7	18.72	18.80	18.67	20	0.5		
3	16QAM	15	0	18.84	18.85	18.71				
3	64QAM	1	0	18.90	18.89	18.97	20	0.5		
3	64QAM	1	8	18.93	18.92	18.93				
3	64QAM	1	14	18.93	18.97	18.72	19	1.5		
3	64QAM	8	0	17.85	17.84	17.76				
3	64QAM	8	4	17.84	17.84	17.72	20	0.5		
3	64QAM	8	7	17.84	17.84	17.72				
3	64QAM	15	0	17.84	17.80	17.76	20.5	0		
Channel				19957	20175	20393				
Frequency (MHz)				1710.7	1732.5	1754.3	Tune-up limit (dBm)	MPR (dB)		
1.4	QPSK	1	0	19.19	19.25	19.34	20.5	0		
1.4	QPSK	1	3	19.20	19.31	19.23				
1.4	QPSK	1	5	19.14	19.06	18.95	20.5	0		
1.4	QPSK	3	0	19.23	19.27	19.33				
1.4	QPSK	3	1	19.15	19.29	19.24	20.5	0		
1.4	QPSK	3	3	19.21	19.19	18.95				
1.4	QPSK	6	0	19.32	19.31	19.22	20.5	0		
1.4	QPSK	6	0	19.02	19.15	19.11				
1.4	16QAM	3	3	19.06	19.10	19.15	20.5	0		
1.4	16QAM	3	1	19.09	19.15	19.18				
1.4	16QAM	3	0	19.02	19.13	19.17	20.5	0		
1.4	16QAM	3	3	19.04	19.08	19.08				
1.4	16QAM	6	0	18.77	18.78	18.70	20.5	0		
1.4	64QAM	1	0	18.88	18.99	19.00				
1.4	64QAM	1	3	18.84	18.96	18.95	20.5	0		
1.4	64QAM	1	5	18.93	18.84	18.66				
1.4	64QAM	3	0	18.87	18.90	18.80	20.5	0		
1.4	64QAM	3	1	18.92	18.98	19.09				
1.4	64QAM	3	3	18.88	18.81	18.75	19.5	1		
1.4	64QAM	6	0	17.81	17.82	17.66				

Band 66(DSI 6_Sim-Tx)-Ant 0										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 132072	Power Middle Ch. / Freq. 132322	Power High Ch. / Freq. 132572	Tune-up limit (dBm)	MPR (dB)		
Channel				132072	132322	132572				
Frequency (MHz)				1720	1745	1770				
20	QPSK	1	0	20.85	20.67	20.58	21.8	0		
20	QPSK	1	49	20.30	20.34	20.26				
20	QPSK	1	99	20.46	20.56	20.44				
20	QPSK	50	0	20.58	20.61	20.55	21.8	0		
20	QPSK	50	24	20.39	20.38	20.35				
20	QPSK	50	50	20.36	20.38	20.27				
20	QPSK	100	0	20.48	20.49	20.46	21.8	0		
20	16QAM	1	0	20.63	20.53	20.59				
20	16QAM	1	49	20.62	20.65	20.55				
20	16QAM	1	99	20.53	20.47	20.40	21.8	0		
20	16QAM	50	0	20.34	20.41	20.30				
20	16QAM	50	24	20.43	20.34	20.40				
20	16QAM	50	50	20.38	20.42	20.31	21.8	0		
20	16QAM	100	0	20.36	20.41	20.36				
20	64QAM	1	0	20.38	20.60	20.47	21.8	0		
20	64QAM	1	49	20.47	20.59	20.48				
20	64QAM	1	99	20.42	20.42	20.37				
20	64QAM	50	0	19.95	20.06	19.95	21	0.8		
20	64QAM	50	24	20.02	20.05	19.97				
20	64QAM	50	50	20.01	20.05	19.91				
20	64QAM	100	0	20.00	20.02	19.95				
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1717.5	1745	1772.5				
15	QPSK	1	0	20.50	20.63	20.35	21.8	0		
15	QPSK	1	37	20.20	20.40	20.51				
15	QPSK	1	74	20.27	20.32	20.25				
15	QPSK	36	0	20.36	20.43	20.28	21.8	0		
15	QPSK	36	20	20.50	20.39	20.45				
15	QPSK	36	39	20.47	20.51	20.40				
15	QPSK	75	0	20.33	20.24	20.52	21.8	0		
15	16QAM	1	0	20.37	20.62	20.55				
15	16QAM	1	37	20.49	20.56	20.51				
15	16QAM	1	74	20.55	20.24	20.31	21.8	0		
15	16QAM	36	0	20.35	20.39	20.35				
15	16QAM	36	20	20.47	20.56	20.59				
15	16QAM	36	39	20.53	20.53	20.37	21.8	0		
15	16QAM	75	0	20.42	20.51	20.53				
15	64QAM	1	0	20.50	20.59	20.65				
15	64QAM	1	37	20.55	20.29	20.66	21.8	0		
15	64QAM	1	74	20.66	20.31	20.44				
15	64QAM	36	0	19.93	20.13	20.02				
15	64QAM	36	20	20.07	20.07	20.00	21	0.8		
15	64QAM	36	39	20.14	20.16	20.03				
15	64QAM	75	0	19.99	19.99	20.12				
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1715	1745	1775				
10	QPSK	1	0	20.27	20.50	20.39	21.8	0		
10	QPSK	1	25	20.46	20.47	20.36				
10	QPSK	1	49	20.22	20.26	20.56				
10	QPSK	25	0	20.50	20.43	20.45	21.8	0		
10	QPSK	25	12	20.59	20.52	20.53				
10	QPSK	25	25	20.64	20.47	20.31				
10	QPSK	50	0	20.51	20.41	20.37	21.8	0		
10	16QAM	1	0	20.63	20.46	20.27				
10	16QAM	1	25	20.29	20.44	20.30				
10	16QAM	1	49	20.39	20.31	20.35	21.8	0		
10	16QAM	25	0	20.47	20.47	20.26				
10	16QAM	25	12	20.62	20.39	20.61				
10	16QAM	25	25	20.47	20.50	20.41	21.8	0		
10	16QAM	50	0	20.40	20.55	20.55				
10	64QAM	1	0	20.64	20.64	20.51				
10	64QAM	1	25	20.65	20.49	20.59	21.8	0		
10	64QAM	1	49	20.64	20.47	20.66				
10	64QAM	25	0	20.06	20.15	20.15				
10	64QAM	25	12	20.15	20.15	20.15	21	0.8		
10	64QAM	25	25	20.04	20.18	19.98				
10	64QAM	50	0	20.16	20.17	20.10				
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1712.5	1745	1777.5				
5	QPSK	1	0	20.22	20.21	20.44	21.8	0		
5	QPSK	1	12	20.26	20.33	20.39				
5	QPSK	1	24	20.44	20.39	20.55				
5	QPSK	12	0	20.36	20.45	20.39	21.8	0		
5	QPSK	12	7	20.55	20.44	20.59				
5	QPSK	12	13	20.62	20.49	20.39				
5	QPSK	25	0	20.41	20.35	20.56	21.8	0		
5	16QAM	1	0	20.66	20.59	20.58				
5	16QAM	1	12	20.57	20.59	20.60				
5	16QAM	1	24	20.47	20.39	20.58	21.8	0		
5	16QAM	12	0	20.60	20.56	20.33				
5	16QAM	12	7	20.49	20.63	20.63				
5	16QAM	12	13	20.52	20.58	20.45	21.8	0		
5	16QAM	25	0	20.42	20.65	20.49				
5	64QAM	1	0	20.47	20.54	20.64				
5	64QAM	1	12	20.52	20.52	20.58	21.8	0		
5	64QAM	1	24	20.59	20.62	20.60				
5	64QAM	12	0	20.12	20.11	20.08				
5	64QAM	12	7	20.12	20.05	20.16	21	0.8		
5	64QAM	12	13	19.97	20.13	20.02				
5	64QAM	25	0	20.09	20.13	20.23				
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1711.5	1745	1778.5				
3	QPSK	1	0	20.25	20.59	20.32	21.8	0		
3	QPSK	1	8	20.38	20.45	20.26				
3	QPSK	1	14	20.58	20.31	20.50				
3	QPSK	8	0	20.31	20.42	20.40	21.8	0		
3	QPSK	8	4	20.47	20.39	20.55				
3	QPSK	8	7	20.64	20.50	20.37				
3	QPSK	15	0	20.54	20.28	20.35	21.8	0		
3	16QAM	1	0	20.63	20.66	20.48				
3	16QAM	1	8	20.59	20.60	20.57				
3	16QAM	1	14	20.60	20.63	20.58	21.8	0		
3	16QAM	8	0	20.49	20.31	20.26				
3	16QAM	8	4	20.55	20.46	20.54				
3	16QAM	8	7	20.46	20.62	20.51	21.8	0		
3	16QAM	15	0	20.42	20.58	20.57				
3	64QAM	1	0	20.58	20.66	20.65				
3	64QAM	1	8	20.64	20.54	20.59	21.8	0		
3	64QAM	1	14	20.57	20.54	20.60				
3	64QAM	8	0	20.04	19.90	20.01				
3	64QAM	8	4	20.14	20.11	19.96	21	0.8		
3	64QAM	8	7	20.14	20.15	20.04				
3	64QAM	15	0	20.01	20.13	20.21				
Channel				131979	132322	132865	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				1710.7	1745	1779.3				
1.4	QPSK	1	0	20.56	20.60	20.23	21.8	0		
1.4	QPSK	1	3	20.27	20.31	20.26				
1.4	QPSK	1	5	20.22	20.25	20.51				
1.4	QPSK	3	0	20.51	20.63	20.59	21.8	0		
1.4	QPSK	3	1	20.65	20.58	20.63				
1.4	QPSK	3	3	20.63	20.65	20.55				
1.4	QPSK	6	0	20.28	20.36	20.37	21.8	0		
1.4	QPSK	6	1	20.48	20.57	20.60				
1.4	16QAM	3	3	20.43	20.58	20.58				
1.4	16QAM	3	5	20.47	20.52	20.50	21.8	0		
1.4	16QAM	3	0	20.45	20.45	20.55				
1.4	16QAM	3	1	20.44	20.43	20.56				
1.4	16QAM	3	3	20.49	20.54	20.62	21.8	0		
1.4	16QAM	6	0	20.44	20.54	20.41				
1.4	64QAM	1	0	20.43	20.56	20.41				
1.4	64QAM	1	3	20.41	20.50	20.42	21.8	0		
1.4	64QAM	1	5	20.53	20.51	20.54				
1.4	64QAM	3	0	20.44	20.47	20.54				
1.4	64QAM	3	1	20.47	20.43	20.55	21	0.8		
1.4	64QAM	3	3	20.59	20.58	20.51				
1.4	64QAM	6	0	19.85	20.07	19.91				

Band 48(DSI 6_Sim-Tx)_FCC									
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	19.5	0
Frequency (MHz)				3560	3609	3641	3690		
20	QPSK	1	0	18.47	18.70	18.37	18.29	19.5	0
20	QPSK	1	49	18.56	18.75	18.48	18.31		
20	QPSK	1	99	18.43	18.72	18.41	18.26		
20	QPSK	50	0	18.54	18.74	18.44	18.32		
20	QPSK	50	24	18.50	18.65	18.42	18.27	19.5	0
20	QPSK	50	50	18.51	18.72	18.40	18.24		
20	QPSK	100	0	18.63	18.67	18.49	18.32		
20	16QAM	1	0	18.72	18.55	18.70	18.41		
20	16QAM	1	49	18.61	18.49	18.54	18.38	19.5	0
20	16QAM	1	99	18.64	18.33	18.47	18.25		
20	16QAM	50	0	18.74	18.52	18.52	18.38		
20	16QAM	50	24	18.63	18.53	18.46	18.34		
20	16QAM	50	50	18.60	18.47	18.47	18.49	19.5	0
20	16QAM	100	0	18.68	18.48	18.58	18.39		
20	64QAM	1	0	18.63	18.62	18.41	18.34		
20	64QAM	1	49	18.54	18.44	18.37	18.22		
20	64QAM	1	99	18.48	18.34	18.32	18.18	19.5	0
20	64QAM	50	0	18.66	18.68	18.49	18.46		
20	64QAM	50	24	18.65	18.55	18.45	18.46		
20	64QAM	50	50	18.61	18.67	18.37	18.39		
20	64QAM	100	0	18.67	18.62	18.56	18.48	19.5	0
Channel				55315	55820	56160	56665		
Frequency (MHz)				3557.5	3608	3642	3692.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	18.55	18.44	18.43	18.57	19.5	0
15	QPSK	1	37	18.48	18.48	18.58	18.50		
15	QPSK	1	74	18.52	18.48	18.44	18.57		
15	QPSK	36	0	18.47	18.55	18.47	18.44		
15	QPSK	36	20	18.56	18.57	18.41	18.56	19.5	0
15	QPSK	36	39	18.50	18.56	18.45	18.54		
15	QPSK	75	0	18.44	18.51	18.42	18.45		
15	16QAM	1	0	18.48	18.43	18.45	18.52		
15	16QAM	1	37	18.42	18.45	18.44	18.41	19.5	0
15	16QAM	1	74	18.51	18.47	18.43	18.49		
15	16QAM	36	0	18.41	18.44	18.53	18.56		
15	16QAM	36	20	18.46	18.56	18.56	18.52		
15	16QAM	36	39	18.58	18.52	18.45	18.47	19.5	0
15	16QAM	75	0	18.45	18.53	18.53	18.58		
15	64QAM	1	0	18.53	18.45	18.47	18.54		
15	64QAM	1	37	18.58	18.55	18.45	18.56		
15	64QAM	1	74	18.46	18.57	18.53	18.49	19.5	0
15	64QAM	36	0	18.48	18.58	18.57	18.56		
15	64QAM	36	20	18.43	18.47	18.53	18.49		
15	64QAM	36	39	18.55	18.44	18.42	18.43		
15	64QAM	75	0	18.43	18.56	18.44	18.45	19.5	0
Channel				55290	55815	56165	56690		
Frequency (MHz)				3555	3607.5	3642.5	3695	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	18.48	18.53	18.51	18.53	19.5	0
10	QPSK	1	25	18.46	18.51	18.52	18.43		
10	QPSK	1	49	18.52	18.57	18.47	18.56		
10	QPSK	25	0	18.58	18.45	18.44	18.55		
10	QPSK	25	12	18.56	18.45	18.56	18.51	19.5	0
10	QPSK	25	25	18.55	18.58	18.56	18.56		
10	QPSK	50	0	18.46	18.55	18.50	18.58		
10	16QAM	1	0	18.53	18.44	18.47	18.41		
10	16QAM	1	25	18.57	18.58	18.49	18.51	19.5	0
10	16QAM	1	49	18.54	18.58	18.53	18.44		
10	16QAM	25	0	18.42	18.46	18.56	18.44		
10	16QAM	25	12	18.53	18.58	18.45	18.49		
10	16QAM	25	25	18.53	18.51	18.47	18.55	19.5	0
10	16QAM	50	0	18.45	18.44	18.42	18.48		
10	64QAM	1	0	18.55	18.44	18.53	18.44		
10	64QAM	1	25	18.53	18.55	18.52	18.42		
10	64QAM	1	49	18.53	18.46	18.41	18.56	19.5	0
10	64QAM	25	0	18.57	18.42	18.54	18.46		
10	64QAM	25	12	18.56	18.58	18.45	18.48		
10	64QAM	25	25	18.42	18.47	18.55	18.51		
10	64QAM	50	0	18.48	18.51	18.46	18.48	19.5	0
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	18.58	18.43	18.54	18.51	19.5	0
5	QPSK	1	12	18.55	18.51	18.52	18.56		
5	QPSK	1	24	18.51	18.41	18.43	18.45		
5	QPSK	12	0	18.44	18.49	18.48	18.50		
5	QPSK	12	7	18.54	18.51	18.46	18.46	19.5	0
5	QPSK	12	13	18.48	18.53	18.52	18.57		
5	QPSK	25	0	18.55	18.49	18.54	18.47		
5	16QAM	1	0	18.53	18.45	18.50	18.56		
5	16QAM	1	12	18.51	18.55	18.55	18.50	19.5	0
5	16QAM	1	24	18.50	18.48	18.53	18.51		
5	16QAM	12	0	18.51	18.52	18.49	18.42		
5	16QAM	12	7	18.57	18.46	18.46	18.43		
5	16QAM	12	13	18.50	18.56	18.45	18.58	19.5	0
5	16QAM	25	0	18.48	18.56	18.45	18.48		
5	64QAM	1	0	18.56	18.43	18.56	18.55		
5	64QAM	1	12	18.58	18.45	18.46	18.41		
5	64QAM	1	24	18.57	18.42	18.53	18.56	19.5	0
5	64QAM	12	0	18.52	18.57	18.46	18.52		
5	64QAM	12	7	18.52	18.55	18.52	18.49		
5	64QAM	12	13	18.51	18.57	18.57	18.57		
5	64QAM	25	0	18.58	18.52	18.48	18.55	19.5	0
Channel				55265	55810	56170	56715		
Frequency (MHz)				3552.5	3607	3643	3697.5	Tune-up limit (dBm)	MPR (dB)

CA_5B_Ant 0											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	0	0	0	1	0	Full	22.62	24.00
20476	20575	QPSK	1	0	0	0	1	0	Full	22.81	24.00
20501	20600	QPSK	1	0	0	0	1	0	Full	22.73	24.00

CA_66B_Ant 0											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132022	132121	QPSK	1	0	0	0	1	0	DSI2(Full)	22.24	24.00
132373	132472	QPSK	1	0	0	0	1	0	DSI2(Full)	22.21	24.00
132523	132622	QPSK	1	0	0	0	1	0	DSI2(Full)	22.17	24.00
132022	132121	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.66	19.30
132373	132472	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.64	19.30
132523	132622	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.66	19.30
132022	132121	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	15.83	17.30
132373	132472	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	15.78	17.30
132523	132622	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	15.85	17.30
132022	132121	QPSK	25	0	0	0	1	0	DSI 6 Standalone&Sim-Tx	19.86	21.80
132373	132472	QPSK	25	0	0	0	1	0	DSI 6 Standalone&Sim-Tx	19.97	21.80
132523	132622	QPSK	25	0	0	0	1	0	DSI 6 Standalone&Sim-Tx	19.90	21.80

CA_66C_Ant 0											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	0	0	0	1	0	DSI2(Full)	22.34	24.00
132322	132520	QPSK	1	0	0	0	1	0	DSI2(Full)	22.38	24.00
132572	132374	QPSK	1	0	0	0	1	0	DSI2(Full)	22.33	24.00
132072	132270	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.71	19.30
132322	132520	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.75	19.30
132572	132374	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.81	19.30
132072	132270	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	16.15	17.30
132322	132520	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	16.12	17.30
132572	132374	QPSK	1	0	0	0	1	0	DSI 3_Sim-Tx	16.21	17.30
132072	132270	QPSK	50	0	0	0	1	0	DSI 6_Standalone&Sim-Tx	20.11	21.80
132322	132520	QPSK	50	0	0	0	1	0	DSI 6_Standalone&Sim-Tx	20.15	21.80
132572	132374	QPSK	50	0	0	0	1	0	DSI 6_Standalone&Sim-Tx	20.19	21.80

CA_5B_Ant 1											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20450	20549	QPSK	1	0	0	0	1	0	Full	22.31	23.50
20476	20575	QPSK	1	0	0	0	1	0	Full	22.38	23.50
20501	20600	QPSK	1	0	0	0	1	0	Full	22.29	23.50
20450	20549	QPSK	50	0	0	0	1	0	DSI 2 Standalone	20.92	22.20
20476	20575	QPSK	50	0	0	0	1	0	DSI 2 Standalone	20.93	22.20
20501	20600	QPSK	50	0	0	0	1	0	DSI 2 Standalone	20.84	22.20
20450	20549	QPSK	25	0	0	0	1	0	DSI 2 Sim-Tx	19.90	21.20
20476	20575	QPSK	25	0	0	0	1	0	DSI 2 Sim-Tx	19.92	21.20
20501	20600	QPSK	25	0	0	0	1	0	DSI 2 Sim-Tx	19.89	21.20
20450	20549	QPSK	1	0	0	0	1	0	DSI 3 Standalone	22.47	23.50
20476	20575	QPSK	1	0	0	0	1	0	DSI 3 Standalone	22.56	23.50
20501	20600	QPSK	1	0	0	0	1	0	DSI 3 Standalone	22.44	23.50
20450	20549	QPSK	1	0	0	0	1	0	DSI 3 Sim-Tx	21.63	22.50
20476	20575	QPSK	1	0	0	0	1	0	DSI 3 Sim-Tx	21.69	22.50
20501	20600	QPSK	1	0	0	0	1	0	DSI 3 Sim-Tx	21.59	22.50

CA_66B_Ant 1											
Combination 10MHz+10MHz (50RB+50RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132022	132121	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.41	16.40
132373	132472	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.31	16.40
132523	132622	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.14	16.40
132022	132121	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.01	15.30
132373	132472	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.02	15.30
132523	132622	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.01	15.30
132022	132121	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.15	18.80
132373	132472	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.25	18.80
132523	132622	QPSK	25	0	0	0	1	0	DSI 3 Standalone	17.26	18.80
132022	132121	QPSK	25	0	0	0	1	0	DSI 3_Sim-Tx	14.51	15.80
132373	132472	QPSK	25	0	0	0	1	0	DSI 3_Sim-Tx	14.42	15.80
132523	132622	QPSK	25	0	0	0	1	0	DSI 3_Sim-Tx	14.40	15.80
132022	132121	QPSK	1	0	0	0	1	0	DSI 6_ Standalone	19.94	21.00
132373	132472	QPSK	1	0	0	0	1	0	DSI 6_ Standalone	19.68	21.00
132523	132622	QPSK	1	0	0	0	1	0	DSI 6_ Standalone	19.85	21.00
132022	132121	QPSK	25	0	0	0	1	0	DSI 6_Sim-Tx	19.30	20.50
132373	132472	QPSK	25	0	0	0	1	0	DSI 6_Sim-Tx	19.25	20.50
132523	132622	QPSK	25	0	0	0	1	0	DSI 6_Sim-Tx	19.11	20.50

CA_66C_Ant 1											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
132072	132270	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.42	16.40
132322	132520	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.38	16.40
132572	132374	QPSK	1	0	0	0	1	0	DSI 2 Standalone	15.32	16.40
132072	132270	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.02	15.30
132322	132520	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.09	15.30
132572	132374	QPSK	1	0	0	0	1	0	DSI 2_Sim-Tx	14.03	15.30
132072	132270	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.26	18.80
132322	132520	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.28	18.80
132572	132374	QPSK	50	0	0	0	1	0	DSI 3 Standalone	17.32	18.80
132072	132270	QPSK	50	0	0	0	1	0	DSI 3_Sim-Tx	14.53	15.80
132322	132520	QPSK	50	0	0	0	1	0	DSI 3_Sim-Tx	14.47	15.80
132572	132374	QPSK	50	0	0	0	1	0	DSI 3_Sim-Tx	14.41	15.80
132072	132270	QPSK	1	0	0	0	1	0	DSI 6_Standalone	19.97	21.00
132322	132520	QPSK	1	0	0	0	1	0	DSI 6_Standalone	19.91	21.00
132572	132374	QPSK	1	0	0	0	1	0	DSI 6_Standalone	19.93	21.00
132072	132270	QPSK	50	0	0	0	1	0	DSI 6_Sim-Tx	19.35	20.50
132322	132520	QPSK	50	0	0	0	1	0	DSI 6_Sim-Tx	19.31	20.50
132572	132374	QPSK	50	0	0	0	1	0	DSI 6_Sim-Tx	19.29	20.50



Tune up Power (dBm)

PCC:Ant 1 SCC:Ant 0			CA_2A-4A									
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	20050	QPSK	1	0	1	0	20.15	13.01	20.92	21	15	22.0
			1	49	1	49	20.23	13.02	20.99	21	15	22.0
			1	99	1	99	20.31	13.35	21.11	21	15	22.0
			50	0	50	0	17.31	17.25	20.29	19	19	22.0
			50	24	50	24	17.51	17.31	20.42	19	19	22.0
			50	50	50	50	17.66	17.18	20.44	19	19	22.0
			100	0	100	0	17.40	17.21	20.32	19	19	22.0
18900	20175	QPSK	1	0	1	0	19.73	14.83	20.95	21	15	22.0
			1	49	1	49	19.32	13.17	20.26	21	15	22.0
			1	99	1	99	19.65	13.33	20.56	21	15	22.0
			50	0	50	0	17.18	17.25	20.23	19	19	22.0
			50	24	50	24	17.09	17.11	20.11	19	19	22.0
			50	50	50	50	17.43	17.02	20.24	19	19	22.0
			100	0	100	0	17.15	17.05	20.11	19	19	22.0
19100	20300	QPSK	1	0	1	0	20.06	13.74	20.97	21	15	22.0
			1	49	1	49	19.60	13.97	20.65	21	15	22.0
			1	99	1	99	19.63	14.49	20.79	21	15	22.0
			50	0	50	0	17.58	17.33	20.47	19	19	22.0
			50	24	50	24	17.32	17.37	20.36	19	19	22.0
			50	50	50	50	17.23	17.45	20.35	19	19	22.0
			100	0	100	0	17.37	17.37	20.38	19	19	22.0

Tune up Power (dBm)

PCC:Ant 1 SCC:Ant 0			CA_4A-2A									
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20050	18700	QPSK	1	0	1	0	19.49	13.84	20.54	20	14	21.0
			1	49	1	49	19.43	13.88	20.50	20	14	21.0
			1	99	1	99	19.32	13.90	20.42	20	14	21.0
			50	0	50	0	17.39	17.10	20.26	18	18	21.0
			50	24	50	24	17.09	16.73	19.92	18	18	21.0
			50	50	50	50	17.04	16.86	19.96	18	18	21.0
			100	0	100	0	17.00	16.73	19.88	18	18	21.0
20175	18900	QPSK	1	0	1	0	19.54	14.04	20.62	20	14	21.0
			1	49	1	49	19.07	13.33	20.10	20	14	21.0
			1	99	1	99	18.82	13.94	20.04	20	14	21.0
			50	0	50	0	17.21	17.17	20.20	18	18	21.0
			50	24	50	24	16.86	17.05	19.97	18	18	21.0
			50	50	50	50	16.68	17.10	19.91	18	18	21.0
			100	0	100	0	16.90	17.13	20.03	18	18	21.0
20300	19100	QPSK	1	0	1	0	19.68	13.14	20.55	20	14	21.0
			1	49	1	49	18.95	13.53	20.05	20	14	21.0
			1	99	1	99	19.52	13.20	20.43	20	14	21.0
			50	0	50	0	17.08	17.52	20.32	18	18	21.0
			50	24	50	24	16.91	17.27	20.10	18	18	21.0
			50	50	50	50	16.78	17.18	19.99	18	18	21.0
			100	0	100	0	16.96	17.32	20.15	18	18	21.0

Tune up Power (dBm)

PCC:Ant 0 SCC:Ant 1		CA_2A-4A										
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Turn up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	20050	QPSK	1	0	1	0	20.91	15.46	22.00	22.5	16.5	23.5
			1	49	1	49	21.11	15.06	22.07	22.5	16.5	23.5
			1	99	1	99	20.99	15.13	21.99	22.5	16.5	23.5
			50	0	50	0	19.25	18.49	21.90	20.5	20.5	23.5
			50	24	50	24	19.20	18.48	21.87	20.5	20.5	23.5
			50	50	50	50	19.12	18.46	21.81	20.5	20.5	23.5
			100	0	100	0	19.03	18.49	21.78	20.5	20.5	23.5
18900	20175	QPSK	1	0	1	0	20.97	15.53	22.06	22.5	16.5	23.5
			1	49	1	49	20.95	14.44	21.83	22.5	16.5	23.5
			1	99	1	99	21.22	14.66	22.09	22.5	16.5	23.5
			50	0	50	0	18.46	18.57	21.53	20.5	20.5	23.5
			50	24	50	24	18.66	18.63	21.66	20.5	20.5	23.5
			50	50	50	50	19.00	18.69	21.86	20.5	20.5	23.5
			100	0	100	0	18.73	18.59	21.67	20.5	20.5	23.5
19100	20300	QPSK	1	0	1	0	21.67	15.51	22.61	22.5	16.5	23.5
			1	49	1	49	20.95	14.55	21.85	22.5	16.5	23.5
			1	99	1	99	21.26	14.89	22.16	22.5	16.5	23.5
			50	0	50	0	18.85	19.14	22.01	20.5	20.5	23.5
			50	24	50	24	18.35	18.61	21.49	20.5	20.5	23.5
			50	50	50	50	18.57	18.64	21.62	20.5	20.5	23.5
			100	0	100	0	18.68	18.68	21.69	20.5	20.5	23.5

Tune up Power (dBm)

PCC:Ant 0		SCC:Ant 1		CA_4A-2A									
Combination 20MHz+20MHz (100RB+100RB)													
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)	
			RB Size	RB offset	RB Size	RB offset							
20050	18700	QPSK	1	0	1	0	20.55	15.62	21.76	22.5	16.5	23.5	
			1	49	1	49	20.52	15.21	21.64	22.5	16.5	23.5	
			1	99	1	99	20.73	15.50	21.87	22.5	16.5	23.5	
			50	0	50	0	18.56	19.42	22.02	20.5	20.5	23.5	
			50	24	50	24	18.55	19.34	21.97	20.5	20.5	23.5	
			50	50	50	50	18.56	19.40	22.01	20.5	20.5	23.5	
			100	0	100	0	18.74	19.25	22.01	20.5	20.5	23.5	
20175	18900	QPSK	1	0	1	0	20.44	15.29	21.60	22.5	16.5	23.5	
			1	49	1	49	20.34	14.38	21.62	22.5	16.5	23.5	
			1	99	1	99	19.86	15.02	21.59	22.5	16.5	23.5	
			50	0	50	0	18.69	18.60	21.66	20.5	20.5	23.5	
			50	24	50	24	18.73	18.80	21.78	20.5	20.5	23.5	
			50	50	50	50	18.73	19.14	21.95	20.5	20.5	23.5	
			100	0	100	0	18.67	18.88	21.79	20.5	20.5	23.5	
20300	19100	QPSK	1	0	1	0	21.46	16.25	22.60	22.5	16.5	23.5	
			1	49	1	49	20.36	14.96	21.56	22.5	16.5	23.5	
			1	99	1	99	20.58	14.96	21.63	22.5	16.5	23.5	
			50	0	50	0	19.18	18.92	22.06	20.5	20.5	23.5	
			50	24	50	24	18.69	18.44	21.58	20.5	20.5	23.5	
			50	50	50	50	18.58	18.63	21.62	20.5	20.5	23.5	
			100	0	100	0	18.75	18.77	21.77	20.5	20.5	23.5	



PCC:Ant 1 SCC:Ant 0		Tune up Power (dBm)										
CA_2A-66A												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	132072	QPSK	1	0	1	0	18.76	12.54	19.69	20.5	14.5	21.5
			1	49	1	49	18.60	13.26	19.71	20.5	14.5	21.5
			1	99	1	99	18.65	13.59	19.83	20.5	14.5	21.5
			50	0	50	0	16.64	17.34	20.01	18.5	18.5	21.5
			50	24	50	24	16.69	16.95	19.83	18.5	18.5	21.5
			50	50	50	50	16.83	16.93	19.89	18.5	18.5	21.5
			100	0	100	0	16.72	16.88	19.81	18.5	18.5	21.5
18900	132322	QPSK	1	0	1	0	18.65	13.16	19.73	20.5	14.5	21.5
			1	49	1	49	18.50	11.68	19.62	20.5	14.5	21.5
			1	99	1	99	18.76	11.56	19.52	20.5	14.5	21.5
			50	0	50	0	16.77	16.10	19.71	18.5	18.5	21.5
			50	24	50	24	16.66	15.86	19.54	18.5	18.5	21.5
			50	50	50	50	16.70	15.90	19.58	18.5	18.5	21.5
			100	0	100	0	16.75	15.96	19.63	18.5	18.5	21.5
19100	132572	QPSK	1	0	1	0	19.60	13.10	20.48	20.5	14.5	21.5
			1	49	1	49	19.22	12.61	20.08	20.5	14.5	21.5
			1	99	1	99	19.70	12.55	20.47	20.5	14.5	21.5
			50	0	50	0	17.21	16.13	19.71	18.5	18.5	21.5
			50	24	50	24	16.93	16.32	19.65	18.5	18.5	21.5
			50	50	50	50	16.82	16.28	19.57	18.5	18.5	21.5
			100	0	100	0	17.01	16.21	19.64	18.5	18.5	21.5

PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_66A-2A												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	18700	QPSK	1	0	1	0	18.90	12.41	19.78	20	14	21.0
			1	49	1	49	19.15	12.57	20.01	20	14	21.0
			1	99	1	99	18.53	13.16	19.64	20	14	21.0
			50	0	50	0	16.37	16.65	19.52	18	18	21.0
			50	24	50	24	16.56	16.68	19.63	18	18	21.0
			50	50	50	50	16.53	16.81	19.68	18	18	21.0
			100	0	100	0	16.58	16.76	19.68	18	18	21.0
132322	18900	QPSK	1	0	1	0	19.32	12.20	20.09	20	14	21.0
			1	49	1	49	18.82	13.18	19.87	20	14	21.0
			1	99	1	99	19.36	12.13	20.11	20	14	21.0
			50	0	50	0	16.74	16.75	19.76	18	18	21.0
			50	24	50	24	16.61	16.65	19.64	18	18	21.0
			50	50	50	50	16.71	16.69	19.71	18	18	21.0
			100	0	100	0	16.66	16.72	19.70	18	18	21.0
132572	19100	QPSK	1	0	1	0	18.89	13.58	20.01	20	14	21.0
			1	49	1	49	18.82	13.69	19.98	20	14	21.0
			1	99	1	99	18.55	12.88	19.59	20	14	21.0
			50	0	50	0	16.99	17.17	20.09	18	18	21.0
			50	24	50	24	17.15	16.91	20.04	18	18	21.0
			50	50	50	50	17.07	16.81	19.95	18	18	21.0
			100	0	100	0	17.04	16.98	20.02	18	18	21.0

PCC:Ant 0 SCC:Ant 1				Tune up Power (dBm)								
CA_2A-66A												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	132072	QPSK	1	0	1	0	20.73	13.99	21.56	22.5	16.5	23.5
			1	49	1	49	20.73	13.97	21.56	22.5	16.5	23.5
			1	99	1	99	20.77	15.75	21.96	22.5	16.5	23.5
			50	0	50	0	19.31	18.43	21.90	20.5	20.5	23.5
			50	24	50	24	19.26	18.44	21.88	20.5	20.5	23.5
			50	50	50	50	18.99	18.63	21.82	20.5	20.5	23.5
			100	0	100	0	19.12	18.53	21.85	20.5	20.5	23.5
18900	132322	QPSK	1	0	1	0	20.76	15.01	21.78	22.5	16.5	23.5
			1	49	1	49	20.35	14.68	21.59	22.5	16.5	23.5
			1	99	1	99	20.77	14.63	21.72	22.5	16.5	23.5
			50	0	50	0	18.58	18.17	21.59	20.5	20.5	23.5
			50	24	50	24	18.76	18.05	21.53	20.5	20.5	23.5
			50	50	50	50	19.13	18.08	21.65	20.5	20.5	23.5
			100	0	100	0	18.80	18.08	21.67	20.5	20.5	23.5
19100	132572	QPSK	1	0	1	0	21.34	14.62	22.18	22.5	16.5	23.5
			1	49	1	49	20.88	14.51	21.78	22.5	16.5	23.5
			1	99	1	99	20.96	14.77	21.90	22.5	16.5	23.5
			50	0	50	0	18.95	18.32	21.66	20.5	20.5	23.5
			50	24	50	24	18.86	18.30	21.60	20.5	20.5	23.5
			50	50	50	50	18.60	18.35	21.59	20.5	20.5	23.5
			100	0	100	0	18.80	18.39	21.61	20.5	20.5	23.5

PCC:Ant 0 SCC:Ant 1		Tune up Power (dBm)										
CA_66A-2A												
Combination 20MHz+20MHz (100RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	18700	QPSK	1	0	1	0	21.78	14.67	22.55	22.5	16.5	23.5
			1	49	1	49	21.58	15.51	22.54	22.5	16.5	23.5
			1	99	1	99	21.88	15.21	22.73	22.5	16.5	23.5
			50	0	50	0	19.27	18.83	22.07	20.5	20.5	23.5
			50	24	50	24	19.29	18.81	22.07	20.5	20.5	23.5
			50	50	50	50	19.48	18.54	22.05	20.5	20.5	23.5
			100	0	100	0	19.37	18.70	22.06	20.5	20.5	23.5
132322	18900	QPSK	1	0	1	0	20.88	14.02	21.69	22.5	16.5	23.5
			1	49	1	49	19.85	13.71	20.80	22.5	16.5	23.5
			1	99	1	99	19.44	14.93	20.76	22.5	16.5	23.5
			50	0	50	0	18.10	18.21	21.17	20.5	20.5	23.5
			50	24	50	24	17.66	18.37	21.04	20.5	20.5	23.5
			50	50	50	50	17.42	18.70	21.12	20.5	20.5	23.5
			100	0	100	0	17.69	18.47	21.11	20.5	20.5	23.5
132572	19100	QPSK	1	0	1	0	19.46	16.19	21.14	22.5	16.5	23.5
			1	49	1	49	19.57	14.42	20.73	22.5	16.5	23.5
			1	99	1	99	19.45	15.26	20.85	22.5	16.5	23.5
			50	0	50	0	17.42	18.53	21.02	20.5	20.5	23.5
			50	24	50	24	17.53	18.08	20.82	20.5	20.5	23.5
			50	50	50	50	17.55	18.19	20.89	20.5	20.5	23.5
			100	0	100	0	17.48	18.43	20.99	20.5	20.5	23.5



PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_2A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	20450	QPSK	1	0	1	0	18.86	17.16	21.10	19.5	18.5	22.0
			1	49	1	25	18.92	17.07	21.10	19.5	18.5	22.0
			1	99	1	49	18.66	17.04	20.94	19.5	18.5	22.0
			50	0	25	0	17.02	19.02	21.14	18.5	19.5	22.0
			50	24	25	12	17.12	19.22	21.31	18.5	19.5	22.0
			50	50	25	25	17.02	19.23	21.27	18.5	19.5	22.0
			100	0	50	0	17.06	19.17	21.25	18.5	19.5	22.0
18900	20525	QPSK	1	0	1	0	18.55	17.17	20.92	19.5	18.5	22.0
			1	49	1	25	18.49	17.51	21.04	19.5	18.5	22.0
			1	99	1	49	18.88	17.21	21.14	19.5	18.5	22.0
			50	0	25	0	16.74	19.23	21.17	18.5	19.5	22.0
			50	24	25	12	16.74	19.32	21.23	18.5	19.5	22.0
			50	50	25	25	16.99	19.30	21.31	18.5	19.5	22.0
			100	0	50	0	16.83	19.30	21.25	18.5	19.5	22.0
19100	20600	QPSK	1	0	1	0	18.81	17.39	21.17	19.5	18.5	22.0
			1	49	1	25	18.42	17.22	20.87	19.5	18.5	22.0
			1	99	1	49	18.89	16.98	21.05	19.5	18.5	22.0
			50	0	25	0	16.85	19.21	21.20	18.5	19.5	22.0
			50	24	25	12	16.64	19.16	21.09	18.5	19.5	22.0
			50	50	25	25	16.55	19.02	20.97	18.5	19.5	22.0
			100	0	50	0	16.77	19.13	21.12	18.5	19.5	22.0

PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_5A-2A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	18700	QPSK	1	0	1	0	21.07	15.23	22.08	22	16	23.0
			1	25	1	49	20.98	14.04	21.78	22	16	23.0
			1	49	1	99	20.78	14.14	21.63	22	16	23.0
			25	0	50	0	18.71	18.66	21.70	20	20	23.0
			25	12	50	24	18.69	18.63	21.67	20	20	23.0
			25	25	50	50	18.52	18.64	21.59	20	20	23.0
			50	0	100	0	18.68	18.68	21.69	20	20	23.0
20525	18900	QPSK	1	0	1	0	20.70	15.17	21.77	22	16	23.0
			1	25	1	49	20.43	14.44	21.41	22	16	23.0
			1	49	1	99	20.03	14.11	21.02	22	16	23.0
			25	0	50	0	18.24	18.74	21.51	20	20	23.0
			25	12	50	24	18.15	18.72	21.45	20	20	23.0
			25	25	50	50	17.83	18.74	21.32	20	20	23.0
			50	0	100	0	18.08	18.72	21.42	20	20	23.0
20600	19100	QPSK	1	0	1	0	20.31	14.20	21.26	22	16	23.0
			1	25	1	49	20.11	14.48	21.16	22	16	23.0
			1	49	1	99	20.08	15.37	21.34	22	16	23.0
			25	0	50	0	18.04	18.70	21.39	20	20	23.0
			25	12	50	24	18.21	18.74	21.49	20	20	23.0
			25	25	50	50	18.00	18.65	21.35	20	20	23.0
			50	0	100	0	18.22	18.73	21.49	20	20	23.0

PCC:Ant 0 SCC:Ant 1		Tune up Power (dBm)										
CA_2A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	20450	QPSK	1	0	1	0	21.08	16.45	22.37	22	17.5	23.3
			1	49	1	25	20.92	15.72	22.07	22	17.5	23.3
			1	99	1	49	20.95	15.88	22.13	22	17.5	23.3
			50	0	25	0	18.68	18.75	21.73	20.5	20	23.3
			50	24	25	12	18.68	18.74	21.72	20.5	20	23.3
			50	50	25	25	18.67	18.53	21.61	20.5	20	23.3
			100	0	50	0	18.69	18.68	21.70	20.5	20	23.3
18900	20525	QPSK	1	0	1	0	20.81	16.75	22.25	22	17.5	23.3
			1	49	1	25	20.94	15.81	22.10	22	17.5	23.3
			1	99	1	49	20.97	15.51	22.06	22	17.5	23.3
			50	0	25	0	18.75	18.27	21.53	20.5	20	23.3
			50	24	25	12	18.74	18.17	21.47	20.5	20	23.3
			50	50	25	25	18.76	17.87	21.35	20.5	20	23.3
			100	0	50	0	18.73	18.14	21.46	20.5	20	23.3
19100	20600	QPSK	1	0	1	0	21.02	15.50	22.09	22	17.5	23.3
			1	49	1	25	20.92	15.51	22.02	22	17.5	23.3
			1	99	1	49	20.74	15.54	21.89	22	17.5	23.3
			50	0	25	0	18.74	18.44	21.60	20.5	20	23.3
			50	24	25	12	18.83	18.21	21.54	20.5	20	23.3
			50	50	25	25	18.68	18.13	21.42	20.5	20	23.3
			100	0	50	0	18.77	18.21	21.51	20.5	20	23.3

PCC:Ant 0 SCC:Ant 1		Tune up Power (dBm)										
CA_5A-2A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	18700	QPSK	1	0	1	0	21.64	13.02	22.20	22.5	14	23.1
			1	25	1	49	21.89	13.19	22.44	22.5	14	23.1
			1	49	1	99	22.04	12.35	22.48	22.5	14	23.1
			25	0	50	0	19.47	17.17	21.48	21	19	23.1
			25	12	50	24	19.65	17.23	21.62	21	19	23.1
			25	25	50	50	19.68	17.14	21.60	21	19	23.1
			50	0	100	0	19.62	17.20	21.59	21	19	23.1
20525	18900	QPSK	1	0	1	0	22.12	12.68	22.59	22.5	14	23.1
			1	25	1	49	21.90	13.35	22.47	22.5	14	23.1
			1	49	1	99	21.75	14.22	22.46	22.5	14	23.1
			25	0	50	0	19.70	16.89	21.53	21	19	23.1
			25	12	50	24	19.79	16.88	21.58	21	19	23.1
			25	25	50	50	19.71	17.08	21.60	21	19	23.1
			50	0	100	0	19.73	16.95	21.57	21	19	23.1
20600	19100	QPSK	1	0	1	0	22.03	13.75	22.63	22.5	14	23.1
			1	25	1	49	21.78	13.20	22.34	22.5	14	23.1
			1	49	1	99	21.59	12.44	22.09	22.5	14	23.1
			25	0	50	0	19.67	16.99	21.54	21	19	23.1
			25	12	50	24	19.58	16.77	21.41	21	19	23.1
			25	25	50	50	19.46	16.63	21.28	21	19	23.1
			50	0	100	0	19.55	16.86	21.42	21	19	23.1



PCC:Ant 1 SCC:Ant 0		Tune up Power (dBm)										
CA_2A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	23230	QPSK	1	0	1	0	19.17	15.77	20.80	20.5	16.5	22.0
			1	49	1	25	19.18	15.73	20.80	20.5	16.5	22.0
			1	99	1	49	19.13	14.65	20.45	20.5	16.5	22.0
			50	0	25	0	17.14	19.26	21.34	18.5	19.5	22.0
			50	24	25	12	17.23	18.86	21.13	18.5	19.5	22.0
			50	50	25	25	17.12	18.47	20.86	18.5	19.5	22.0
18900	23230	QPSK	100	0	50	0	17.16	18.97	21.17	18.5	19.5	22.0
			1	0	1	0	19.19	15.12	20.63	20.5	16.5	22.0
			1	49	1	25	19.11	15.00	20.53	20.5	16.5	22.0
			1	99	1	49	19.42	14.50	20.63	20.5	16.5	22.0
			50	0	25	0	16.85	19.22	21.21	18.5	19.5	22.0
			50	24	25	12	16.87	18.83	20.97	18.5	19.5	22.0
19100	23230	QPSK	50	50	25	25	17.07	18.47	20.84	18.5	19.5	22.0
			100	0	50	0	16.91	18.93	21.05	18.5	19.5	22.0
			1	0	1	0	19.28	15.39	20.77	20.5	16.5	22.0
			1	49	1	25	18.83	15.40	20.46	20.5	16.5	22.0
			1	99	1	49	18.96	14.91	20.40	20.5	16.5	22.0
			50	0	25	0	16.94	19.22	21.24	18.5	19.5	22.0

PCC:Ant 1 SCC:Ant 0				Tune up Power (dBm)								
CA_13A-2A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	18700	QPSK	1	0	1	0	20.87	14.19	21.71	22	16	23.0
			1	25	1	49	20.22	15.30	21.43	22	16	23.0
			1	49	1	99	20.31	15.54	21.56	22	16	23.0
			25	0	50	0	18.07	18.66	21.39	20	20	23.0
			25	12	50	24	18.03	18.63	21.35	20	20	23.0
			25	25	50	50	18.08	18.64	21.38	20	20	23.0
23230	18900	QPSK	50	0	100	0	18.09	18.68	21.41	20	20	23.0
			1	0	1	0	20.68	15.00	21.72	22	16	23.0
			1	25	1	49	20.20	14.89	21.32	22	16	23.0
			1	49	1	99	20.42	14.92	21.50	22	16	23.0
			25	0	50	0	18.04	18.74	21.41	20	20	23.0
			25	12	50	24	18.06	18.70	21.40	20	20	23.0
23230	19100	QPSK	25	25	50	50	18.07	18.73	21.42	20	20	23.0
			50	0	100	0	18.05	18.66	21.38	20	20	23.0
			1	0	1	0	20.64	15.07	21.70	22	16	23.0
			1	25	1	49	20.11	15.43	21.38	22	16	23.0
			1	49	1	99	20.57	14.38	21.51	22	16	23.0
			25	0	50	0	18.00	18.71	21.38	20	20	23.0
23230	19100	QPSK	25	12	50	24	18.05	18.74	21.42	20	20	23.0
			25	25	50	50	18.00	18.62	21.33	20	20	23.0
			50	0	100	0	18.07	18.74	21.43	20	20	23.0

PCC:Ant 0		SCC:Ant 1		Tune up Power (dBm)								
CA_2A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
18700	23230	QPSK	1	0	1	0	21.06	14.83	21.99	22	16	23.0
			1	49	1	25	20.68	14.41	21.60	22	16	23.0
			1	99	1	49	20.71	14.62	21.67	22	16	23.0
			50	0	25	0	18.66	18.09	21.39	20	20	23.0
			50	24	25	12	18.65	18.01	21.35	20	20	23.0
			50	50	25	25	18.62	18.03	21.35	20	20	23.0
18900	23230	QPSK	100	0	50	0	18.68	18.09	21.41	20	20	23.0
			1	0	1	0	21.01	14.71	21.92	22	16	23.0
			1	49	1	25	20.96	14.10	21.77	22	16	23.0
			1	99	1	49	20.98	14.41	21.84	22	16	23.0
			50	0	25	0	18.75	18.05	21.42	20	20	23.0
			50	24	25	12	18.69	17.95	21.35	20	20	23.0
19100	23230	QPSK	50	50	25	25	18.76	18.03	21.42	20	20	23.0
			100	0	50	0	18.74	18.04	21.41	20	20	23.0
			1	0	1	0	20.83	15.29	21.90	22	16	23.0
			1	49	1	25	21.06	14.07	21.85	22	16	23.0
			1	99	1	49	20.76	14.53	21.69	22	16	23.0
			50	0	25	0	18.75	18.06	21.43	20	20	23.0
			50	24	25	12	18.77	17.97	21.40	20	20	23.0
			50	50	25	25	18.67	18.00	21.36	20	20	23.0
			100	0	50	0	18.77	18.09	21.45	20	20	23.0

PCC:Ant 0		SCC:Ant 1		Tune up Power (dBm)								
CA_13A-2A												
Combination 10MHz*20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	18700	QPSK	1	0	1	0	21.54	13.64	22.19	22	15	22.8
			1	25	1	49	21.15	13.40	21.82	22	15	22.8
			1	49	1	99	20.44	13.92	21.31	22	15	22.8
			25	0	50	0	19.72	17.58	21.79	20.5	19	22.8
			25	12	50	24	19.36	17.66	21.60	20.5	19	22.8
			25	25	50	50	18.96	17.57	21.33	20.5	19	22.8
23230	18900	QPSK	50	0	100	0	19.43	17.61	21.62	20.5	19	22.8
			1	0	1	0	21.40	13.16	22.01	22	15	22.8
			1	25	1	49	21.14	13.02	21.76	22	15	22.8
			1	49	1	99	20.65	13.45	21.41	22	15	22.8
			25	0	50	0	19.74	17.29	21.70	20.5	19	22.8
			25	12	50	24	19.32	17.27	21.43	20.5	19	22.8
23230	19100	QPSK	25	25	50	50	18.94	17.48	21.28	20.5	19	22.8
			50	0	100	0	19.33	17.36	21.47	20.5	19	22.8
			1	0	1	0	21.47	13.18	22.07	22	15	22.8
			1	25	1	49	21.13	13.09	21.76	22	15	22.8
			1	49	1	99	20.55	13.22	21.29	22	15	22.8
			25	0	50	0	19.68	17.33	21.67	20.5	19	22.8
23230	19100	QPSK	25	12	50	24	19.29	17.15	21.36	20.5	19	22.8
			25	25	50	50	18.91	17.02	21.08	20.5	19	22.8
			50	0	100	0	19.42	17.28	21.49	20.5	19	22.8



Tune up Power (dBm)

PCC:Ant 1 SCC:Ant 0

CA 4A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20050	23230	QPSK	1	0	1	0	18.79	15.35	20.41	20	16.5	21.6
			1	49	1	25	19.04	14.19	20.27	20	16.5	21.6
			1	99	1	49	19.15	14.20	20.36	20	16.5	21.6
			50	0	25	0	16.53	18.59	20.69	17.5	19.5	21.6
			50	24	25	12	16.73	18.38	20.64	17.5	19.5	21.6
			50	50	25	25	16.88	18.01	20.49	17.5	19.5	21.6
20175	23230	QPSK	100	0	50	0	16.78	18.39	20.67	17.5	19.5	21.6
			1	0	1	0	19.23	15.35	20.72	20	16.5	21.6
			1	49	1	25	19.14	15.04	20.57	20	16.5	21.6
			1	99	1	49	19.10	14.08	20.29	20	16.5	21.6
			50	0	25	0	16.78	18.52	20.75	17.5	19.5	21.6
			50	24	25	12	16.91	18.38	20.72	17.5	19.5	21.6
20300	23230	QPSK	50	50	25	25	16.91	18.05	20.53	17.5	19.5	21.6
			100	0	50	0	16.91	18.43	20.75	17.5	19.5	21.6
			1	0	1	0	18.63	15.52	20.36	20	16.5	21.6
			1	49	1	25	18.47	15.05	20.10	20	16.5	21.6
			1	99	1	49	18.49	14.18	19.86	20	16.5	21.6
			50	0	25	0	16.43	18.63	20.68	17.5	19.5	21.6
			50	24	25	12	16.36	18.39	20.50	17.5	19.5	21.6
			50	50	25	25	16.35	18.05	20.29	17.5	19.5	21.6
			100	0	50	0	16.33	18.45	20.53	17.5	19.5	21.6

Tune up Power (dBm)

PCC:Ant 1 SCC:Ant 0

CA_13A-4A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	20050	QPSK	1	0	1	0	21.49	13.60	22.14	22.5	15.5	23.3
			1	25	1	49	20.55	14.75	21.56	22.5	15.5	23.3
			1	49	1	99	20.58	14.35	21.51	22.5	15.5	23.3
			25	0	50	0	18.12	18.86	21.52	20	20.5	23.3
			25	12	50	24	18.00	19.00	21.54	20	20.5	23.3
			25	25	50	50	18.05	18.98	21.55	20	20.5	23.3
23230	20175	QPSK	50	0	100	0	18.05	18.92	21.52	20	20.5	23.3
			1	0	1	0	21.51	13.94	22.21	22.5	15.5	23.3
			1	25	1	49	20.58	13.86	21.42	22.5	15.5	23.3
			1	49	1	99	20.54	15.11	21.63	22.5	15.5	23.3
			25	0	50	0	18.11	18.88	21.52	20	20.5	23.3
			25	12	50	24	18.00	18.90	21.43	20	20.5	23.3
23230	20300	QPSK	25	25	50	50	18.05	18.88	21.50	20	20.5	23.3
			50	0	100	0	18.09	18.85	21.50	20	20.5	23.3
			1	0	1	0	21.72	13.14	22.28	22.5	15.5	23.3
			1	25	1	49	20.51	15.09	21.61	22.5	15.5	23.3
			1	49	1	99	20.55	14.33	21.48	22.5	15.5	23.3
			25	0	50	0	18.08	18.49	21.30	20	20.5	23.3

Tune up Power (dBm)

PCC:Ant 0 SCC:Ant 1

CA_4A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20050	23230	QPSK	1	0	1	0	20.55	14.31	21.48	22	15	22.8
			1	49	1	25	20.73	13.55	21.49	22	15	22.8
			1	99	1	49	20.75	14.66	21.70	22	15	22.8
			50	0	25	0	18.35	17.59	21.00	20	19.5	22.8
			50	24	25	12	18.52	17.51	21.05	20	19.5	22.8
			50	50	25	25	18.52	17.59	21.09	20	19.5	22.8
20175	23230	QPSK	100	0	50	0	18.46	17.57	21.05	20	19.5	22.8
			1	0	1	0	20.97	13.39	21.67	22	15	22.8
			1	49	1	25	20.67	13.48	21.43	22	15	22.8
			1	99	1	49	20.60	14.49	21.55	22	15	22.8
			50	0	25	0	18.41	17.61	21.04	20	19.5	22.8
			50	24	25	12	18.35	17.50	20.96	20	19.5	22.8
20300	23230	QPSK	50	50	25	25	18.41	17.59	21.03	20	19.5	22.8
			100	0	50	0	18.40	17.63	21.04	20	19.5	22.8
			1	0	1	0	20.13	14.48	21.18	22	15	22.8
			1	49	1	25	20.24	14.49	21.26	22	15	22.8
			1	99	1	49	20.18	14.11	21.14	22	15	22.8
			50	0	25	0	18.04	17.64	20.85	20	19.5	22.8
			50	24	25	12	18.12	17.52	20.84	20	19.5	22.8
			50	50	25	25	18.16	17.55	20.88	20	19.5	22.8
			100	0	50	0	18.05	17.62	20.85	20	19.5	22.8

Tune up Power (dBm)

PCC:Ant 0 SCC:Ant 1

CA_13A-4A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	20050	QPSK	1	0	1	0	21.40	12.33	21.91	22	14	22.6
			1	25	1	49	20.58	13.50	21.36	22	14	22.6
			1	49	1	99	20.08	13.13	20.88	22	14	22.6
			25	0	50	0	19.40	16.55	21.22	20.5	18.5	22.6
			25	12	50	24	18.94	16.74	20.99	20.5	18.5	22.6
			25	25	50	50	18.59	16.91	20.84	20.5	18.5	22.6
23230	20175	QPSK	50	0	100	0	19.00	16.77	21.04	20.5	18.5	22.6
			1	0	1	0	21.34	12.82	21.91	22	14	22.6
			1	25	1	49	20.66	12.46	21.27	22	14	22.6
			1	49	1	99	20.28	12.43	20.94	22	14	22.6
			25	0	50	0	19.39	16.96	21.35	20.5	18.5	22.6
			25	12	50	24	18.94	16.93	21.06	20.5	18.5	22.6
23230	20300	QPSK	25	25	50	50	18.58	16.93	20.84	20.5	18.5	22.6
			50	0	100	0	18.98	16.92	21.08	20.5	18.5	22.6
			1	0	1	0	21.33	13.22	21.95	22	14	22.6
			1	25	1	49	20.53	12.97	21.23	22	14	22.6
			1	49	1	99	20.27	12.14	20.89	22	14	22.6
			25	0	50	0	19.40	16.45	21.18	20.5	18.5	22.6



PCC:Ant 1 SCC:Ant 0			Time up Power (dBm)									
CA 4A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20050	20450	QPSK	1	0	1	0	18.71	16.60	20.79	20	17.5	21.9
			1	49	1	25	18.84	16.51	20.84	20	17.5	21.9
			1	99	1	49	19.17	16.90	21.19	20	17.5	21.9
			50	0	25	0	16.49	18.97	20.91	17.5	20	21.9
			50	24	25	12	16.67	19.15	21.09	17.5	20	21.9
			50	50	25	25	16.79	19.17	21.15	17.5	20	21.9
20175	20525	QPSK	100	0	50	0	16.69	19.13	21.09	17.5	20	21.9
			1	0	1	0	18.99	17.12	21.17	20	17.5	21.9
			1	49	1	25	19.21	16.40	21.04	20	17.5	21.9
			1	99	1	49	18.94	16.32	20.83	20	17.5	21.9
			50	0	25	0	16.89	19.24	21.23	17.5	20	21.9
			50	24	25	12	16.88	19.30	21.27	17.5	20	21.9
20300	20600	QPSK	50	50	25	25	16.89	19.23	21.23	17.5	20	21.9
			100	0	50	0	16.88	19.27	21.25	17.5	20	21.9
			1	0	1	0	19.10	16.90	21.15	20	17.5	21.9
			1	49	1	25	18.98	16.45	20.91	20	17.5	21.9
			1	99	1	49	18.79	16.94	20.97	20	17.5	21.9
			50	0	25	0	16.80	19.15	21.14	17.5	20	21.9
			50	24	25	12	16.72	19.12	21.09	17.5	20	21.9
			50	50	25	25	16.70	18.95	20.98	17.5	20	21.9
			100	0	50	0	16.69	19.03	21.03	17.5	20	21.9

PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA 5A-4A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	20050	QPSK	1	0	1	0	21.09	14.43	21.94	22	16	23.0
			1	25	1	49	20.78	15.62	21.94	22	16	23.0
			1	49	1	99	20.65	14.52	21.60	22	16	23.0
			25	0	50	0	18.66	18.77	21.73	20	20	23.0
			25	12	50	24	18.66	18.91	21.80	20	20	23.0
			25	25	50	50	18.44	18.91	21.69	20	20	23.0
20525	20175	QPSK	50	0	100	0	18.62	18.90	21.77	20	20	23.0
			1	0	1	0	20.53	16.00	21.84	22	16	23.0
			1	25	1	49	20.26	14.92	21.37	22	16	23.0
			1	49	1	99	19.82	15.03	21.06	22	16	23.0
			25	0	50	0	18.23	18.85	21.56	20	20	23.0
			25	12	50	24	18.13	18.79	21.48	20	20	23.0
20600	20300	QPSK	25	25	50	50	17.82	18.84	21.37	20	20	23.0
			50	0	100	0	18.06	18.80	21.46	20	20	23.0
			1	0	1	0	20.18	14.29	21.18	22	16	23.0
			1	25	1	49	20.48	14.88	21.54	22	16	23.0
			1	49	1	99	20.13	14.46	21.17	22	16	23.0
			25	0	50	0	18.23	18.78	21.52	20	20	23.0
20600	20300	QPSK	25	12	50	24	18.06	18.87	21.49	20	20	23.0
			25	25	50	50	18.06	18.89	21.51	20	20	23.0
			50	0	100	0	18.04	18.8	21.45	20	20	23.0

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA 4A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20050	20450	QPSK	1	0	1	0	20.80	17.22	22.38	22	17.5	23.3
			1	49	1	25	21.31	15.60	22.34	22	17.5	23.3
			1	99	1	49	21.12	15.54	22.18	22	17.5	23.3
			50	0	25	0	18.78	18.72	21.76	20.5	20	23.3
			50	24	25	12	18.95	18.68	21.83	20.5	20	23.3
			50	50	25	25	18.91	18.49	21.72	20.5	20	23.3
20175	20525	QPSK	100	0	50	0	18.90	18.63	21.78	20.5	20	23.3
			1	0	1	0	21.16	16.19	22.36	22	17.5	23.3
			1	49	1	25	21.03	15.97	22.21	22	17.5	23.3
			1	99	1	49	21.05	15.54	22.13	22	17.5	23.3
			50	0	25	0	18.88	18.25	21.59	20.5	20	23.3
			50	24	25	12	18.79	18.14	21.49	20.5	20	23.3
20300	20600	QPSK	50	50	25	25	18.84	17.85	21.38	20.5	20	23.3
			100	0	50	0	18.81	18.09	21.48	20.5	20	23.3
			1	0	1	0	21.03	15.55	22.11	22	17.5	23.3
			1	49	1	25	21.16	15.55	22.21	22	17.5	23.3
			1	99	1	49	21.08	15.57	22.16	22	17.5	23.3
			50	0	25	0	18.81	17.52	21.22	20.5	20	23.3
			50	24	25	12	18.80	17.31	21.13	20.5	20	23.3
			50	50	25	25	18.94	17.00	21.09	20.5	20	23.3
			100	0	50	0	18.83	17.26	21.13	20.5	20	23.3

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA 5A-4A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	20050	QPSK	1	0	1	0	21.72	13.21	22.29	23	14.5	23.6
			1	25	1	49	21.86	13.49	22.45	23	14.5	23.6
			1	49	1	99	22.01	13.63	22.60	23	14.5	23.6
			25	0	50	0	19.45	17.59	21.63	21.5	19.5	23.6
			25	12	50	24	19.66	17.56	21.75	21.5	19.5	23.6
			25	25	50	50	19.70	17.67	21.81	21.5	19.5	23.6
20525	20175	QPSK	50	0	100	0	19.63	17.58	21.74	21.5	19.5	23.6
			1	0	1	0	22.13	12.83	22.61	23	14.5	23.6
			1	25	1	49	21.94	13.92	22.58	23	14.5	23.6
			1	49	1	99	21.82	13.91	22.47	23	14.5	23.6
			25	0	50	0	19.73	17.86	21.91	21.5	19.5	23.6
			25	12	50	24	19.78	17.78	21.90	21.5	19.5	23.6
20600	20300	QPSK	25	25	50	50	19.73	17.81	21.89	21.5	19.5	23.6
			50	0	100	0	19.77	17.78	21.90	21.5	19.5	23.6
			1	0	1	0	22.09	13.46	22.65	23	14.5	23.6
			1	25	1	49	21.99	13.01	22.51	23	14.5	23.6
			1	49	1	99	21.38	13.52	22.04	23	14.5	23.6
			25	0	50	0	19.67	17.67	21.79	21.5	19.5	23.6



PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_5A-66A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	132072	QPSK	1	0	1	0	20.48	14.47	21.45	22	16	23.0
			1	25	1	49	20.55	13.94	21.41	22	16	23.0
			1	49	1	99	20.18	13.90	21.10	22	16	23.0
			25	0	50	0	18.23	18.30	21.28	20	20	23.0
			25	12	50	24	18.18	18.46	21.33	20	20	23.0
			25	25	50	50	18.00	18.43	21.23	20	20	23.0
20525	132322	QPSK	50	0	100	0	18.14	18.40	21.28	20	20	23.0
			1	0	1	0	21.49	13.94	22.19	22	16	23.0
			1	25	1	49	21.34	14.71	22.19	22	16	23.0
			1	49	1	99	21.06	13.39	21.75	22	16	23.0
			25	0	50	0	17.75	18.39	21.09	20	20	23.0
			25	12	50	24	17.62	18.48	21.08	20	20	23.0
20600	132572	QPSK	25	25	50	50	17.34	18.51	20.97	20	20	23.0
			50	0	100	0	17.55	18.41	21.01	20	20	23.0
			1	0	1	0	21.00	14.45	21.87	22	16	23.0
			1	25	1	49	21.41	13.80	22.10	22	16	23.0
			1	49	1	99	21.06	13.19	21.72	22	16	23.0
			25	0	50	0	19.19	18.00	21.65	20	20	23.0
20600	132572	QPSK	25	12	50	24	19.08	17.90	21.54	20	20	23.0
			25	25	50	50	18.96	17.69	21.38	20	20	23.0
			50	0	100	0	19.04	17.88	21.51	20	20	23.0

PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_66A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune u Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	20450	QPSK	1	0	1	0	19.18	16.50	21.05	20	17.5	21.9
			1	49	1	25	19.04	16.20	20.86	20	17.5	21.9
			1	99	1	49	19.25	16.57	21.12	20	17.5	21.9
			50	0	25	0	16.58	19.01	20.97	17.5	20	21.9
			50	24	25	12	16.74	19.18	21.14	17.5	20	21.9
			50	50	25	25	16.52	19.23	21.09	17.5	20	21.9
132322	20525	QPSK	100	0	50	0	16.79	19.13	21.13	17.5	20	21.9
			1	0	1	0	19.24	16.70	21.16	20	17.5	21.9
			1	49	1	25	19.09	16.81	21.11	20	17.5	21.9
			1	99	1	49	18.81	17.50	21.21	20	17.5	21.9
			50	0	25	0	16.87	19.23	21.22	17.5	20	21.9
			50	24	25	12	16.81	19.02	21.06	17.5	20	21.9
132572	20600	QPSK	50	50	25	25	16.83	19.27	21.23	17.5	20	21.9
			100	0	50	0	16.83	19.22	21.20	17.5	20	21.9
			1	0	1	0	19.30	16.64	21.18	20	17.5	21.9
			1	49	1	25	19.17	16.69	21.11	20	17.5	21.9
			1	99	1	49	18.78	17.13	21.04	20	17.5	21.9
			50	0	25	0	16.55	19.19	21.08	17.5	20	21.9
			50	24	25	12	16.92	19.13	21.17	17.5	20	21.9
			50	50	25	25	16.72	19.01	21.02	17.5	20	21.9
			100	0	50	0	16.89	19.07	21.13	17.5	20	21.9

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA_5A-66A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
20450	132072	QPSK	1	0	1	0	21.14	13.06	21.77	22.5	14	23.1
			1	25	1	49	21.32	12.38	21.84	22.5	14	23.1
			1	49	1	99	21.52	13.15	22.11	22.5	14	23.1
			25	0	50	0	19.04	17.05	21.17	21	19	23.1
			25	12	50	24	19.18	17.21	21.32	21	19	23.1
			25	25	50	50	19.20	17.35	21.38	21	19	23.1
20525	132322	QPSK	50	0	100	0	19.11	17.25	21.29	21	19	23.1
			1	0	1	0	21.54	13.08	22.12	22.5	14	23.1
			1	25	1	49	21.62	12.47	22.12	22.5	14	23.1
			1	49	1	99	21.53	12.34	22.02	22.5	14	23.1
			25	0	50	0	19.24	17.35	21.41	21	19	23.1
			25	12	50	24	19.30	17.27	21.41	21	19	23.1
20600	132572	QPSK	25	25	50	50	19.23	17.27	21.37	21	19	23.1
			50	0	100	0	19.26	17.28	21.39	21	19	23.1
			1	0	1	0	21.54	13.30	22.15	22.5	14	23.1
			1	25	1	49	21.41	13.48	22.06	22.5	14	23.1
			1	49	1	99	21.07	13.10	21.71	22.5	14	23.1
			25	0	50	0	19.21	17.49	21.44	21	19	23.1
			25	12	50	24	19.14	17.38	21.36	21	19	23.1
			25	25	50	50	19.00	17.17	21.19	21	19	23.1
			50	0	100	0	19.05	17.36	21.30	21	19	23.1

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA_66A-5A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune u Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	20450	QPSK	1	0	1	0	20.46	16.28	21.86	21.5	17.5	23.0
			1	49	1	25	20.47	16.74	22.00	21.5	17.5	23.0
			1	99	1	49	20.70	15.91	21.94	21.5	17.5	23.0
			50	0	25	0	18.31	18.23	21.28	20	20	23.0
			50	24	25	12	18.46	18.21	21.35	20	20	23.0
			50	50	25	25	18.46	18.00	21.25	20	20	23.0
132322	20525	QPSK	100	0	50	0	18.42	18.10	21.27	20	20	23.0
			1	0	1	0	20.39	16.36	21.84	21.5	17.5	23.0
			1	49	1	25	20.63	15.56	21.81	21.5	17.5	23.0
			1	99	1	49	20.50	15.02	21.58	21.5	17.5	23.0
			50	0	25	0	18.38	18.79	21.60	20	20	23.0
			50	24	25	12	18.50	18.64	21.58	20	20	23.0
132572	20600	QPSK	50	50	25	25	18.54	18.37	21.47	20	20	23.0
			100	0	50	0	18.42	18.58	21.51	20	20	23.0
			1	0	1	0	20.40	15.64	21.65	21.5	17.5	23.0
			1	49	1	25	20.54	14.56	21.52	21.5	17.5	23.0
			1	99	1	49	20.50	14.66	21.51	21.5	17.5	23.0
			50	0	25	0	18.37	18.08	21.24	20	20	23.0
			50	24	25	12	18.45	18.00	21.24	20	20	23.0
			50	50	25	25	18.32	18.03	21.19	20	20	23.0
			100	0	50	0	18.40	18.07	21.25	20	20	23.0



PCC:Ant 1 SCC:Ant 0			Tune up Power (dBm)									
CA_13A-66A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	132072	QPSK	1	0	1	0	20.78	14.54	21.71	22	16	23.0
			1	25	1	49	20.34	14.37	21.32	22	16	23.0
			1	49	1	99	20.46	15.00	21.55	22	16	23.0
			25	0	50	0	18.03	18.87	21.48	20	20	23.0
			25	12	50	24	17.97	19.02	21.54	20	20	23.0
			25	25	50	50	18.00	18.95	21.51	20	20	23.0
23230	132322	QPSK	50	0	100	0	18.07	18.96	21.55	20	20	23.0
			1	0	1	0	20.87	13.93	21.67	22	16	23.0
			1	25	1	49	20.36	15.56	21.60	22	16	23.0
			1	49	1	99	20.28	15.69	21.58	22	16	23.0
			25	0	50	0	18.06	18.62	21.36	20	20	23.0
			25	12	50	24	17.97	18.70	21.36	20	20	23.0
23230	132572	QPSK	25	25	50	50	18.03	18.74	21.41	20	20	23.0
			50	0	100	0	18.12	18.64	21.40	20	20	23.0
			1	0	1	0	20.80	13.98	21.62	22	16	23.0
			1	25	1	49	20.21	15.20	21.40	22	16	23.0
			1	49	1	99	20.47	13.97	21.35	22	16	23.0
			25	0	50	0	18.04	18.62	21.35	20	20	23.0
			25	12	50	24	18.00	18.67	21.36	20	20	23.0
			25	25	50	50	18.02	18.55	21.30	20	20	23.0
			50	0	100	0	18.07	18.62	21.36	20	20	23.0

PCC:Ant 1 SCC:Ant 0				Tune up Power (dBm)								
CA_66A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	23230	QPSK	1	0	1	0	19.58	14.55	20.77	21	15	22.0
			1	49	1	25	19.45	14.31	20.61	21	15	22.0
			1	99	1	49	19.93	13.45	20.81	21	15	22.0
			50	0	25	0	17.11	18.71	20.99	18.5	19.5	22.0
			50	24	25	12	17.27	18.44	20.90	18.5	19.5	22.0
			50	50	25	25	17.41	18.03	20.74	18.5	19.5	22.0
132322	23230	QPSK	100	0	50	0	17.32	18.50	20.96	18.5	19.5	22.0
			1	0	1	0	19.12	15.24	20.61	21	15	22.0
			1	49	1	25	19.53	13.81	20.56	21	15	22.0
			1	99	1	49	19.35	14.32	20.54	21	15	22.0
			50	0	25	0	17.11	18.33	20.77	18.5	19.5	22.0
			50	24	25	12	17.06	18.42	20.80	18.5	19.5	22.0
132572	23230	QPSK	50	50	25	25	17.05	18.02	20.57	18.5	19.5	22.0
			100	0	50	0	17.06	18.52	20.86	18.5	19.5	22.0
			1	0	1	0	19.43	15.21	20.82	21	15	22.0
			1	49	1	25	19.41	14.47	20.62	21	15	22.0
			1	99	1	49	19.28	13.68	20.34	21	15	22.0
			50	0	25	0	17.21	17.82	20.54	18.5	19.5	22.0
			50	24	25	12	17.17	18.43	20.86	18.5	19.5	22.0
			50	50	25	25	16.92	18.01	20.51	18.5	19.5	22.0
			100	0	50	0	17.11	18.5	20.87	18.5	19.5	22.0

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA_13A-66A												
Combination 10MHz+20MHz (50RB+100RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
23230	132072	QPSK	1	0	1	0	21.30	13.03	21.90	22	15	22.8
			1	25	1	49	21.08	13.17	21.73	22	15	22.8
			1	49	1	99	20.63	13.54	21.41	22	15	22.8
			25	0	50	0	19.32	17.06	21.35	20.5	19	22.8
			25	12	50	24	18.93	17.21	21.16	20.5	19	22.8
			25	25	50	50	18.56	17.38	21.02	20.5	19	22.8
23230	132322	QPSK	50	0	100	0	19.03	17.26	21.24	20.5	19	22.8
			1	0	1	0	21.35	13.18	21.97	22	15	22.8
			1	25	1	49	21.13	13.97	21.89	22	15	22.8
			1	49	1	99	20.68	13.81	21.49	22	15	22.8
			25	0	50	0	19.30	17.04	21.33	20.5	19	22.8
			25	12	50	24	18.92	16.97	21.06	20.5	19	22.8
23230	132572	QPSK	25	25	50	50	18.56	17.01	20.86	20.5	19	22.8
			50	0	100	0	19.02	17.06	21.16	20.5	19	22.8
			1	0	1	0	21.45	13.75	22.13	22	15	22.8
			1	25	1	49	21.14	13.45	21.82	22	15	22.8
			1	49	1	99	20.58	13.20	21.31	22	15	22.8
			25	0	50	0	19.29	17.13	21.35	20.5	19	22.8
23230	132572	QPSK	25	12	50	24	18.87	17.10	21.08	20.5	19	22.8
			25	25	50	50	18.53	17.04	20.86	20.5	19	22.8
			50	0	100	0	18.97	17.04	21.12	20.5	19	22.8

PCC:Ant 0 SCC:Ant 1			Tune up Power (dBm)									
CA_66A-13A												
Combination 20MHz+10MHz (100RB+50RB)												
PCC Channel	SCC Channel	Modulation	PCC		SCC		PCC1 Power (dBm)	SCC2 Power (dBm)	Measured Power (dBm)	PCC1 Tune up Power (dBm)	SCC2 Tune up Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset						
132072	23230	QPSK	1	0	1	0	21.07	14.25	21.89	22	15	22.8
			1	49	1	25	21.24	13.82	21.96	22	15	22.8
			1	99	1	49	21.12	14.06	21.90	22	15	22.8
			50	0	25	0	18.83	18.06	21.47	20	19.5	22.8
			50	24	25	12	18.98	17.96	21.51	20	19.5	22.8
			50	50	25	25	19.00	18.01	21.54	20	19.5	22.8
132322	23230	QPSK	100	0	50	0	18.96	18.10	21.56	20	19.5	22.8
			1	0	1	0	20.82	14.59	21.75	22	15	22.8
			1	49	1	25	21.05	13.94	21.82	22	15	22.8
			1	99	1	49	20.66	14.85	21.67	22	15	22.8
			50	0	25	0	18.61	18.03	21.34	20	19.5	22.8
			50	24	25	12	18.69	17.97	21.36	20	19.5	22.8
132572	23230	QPSK	50	50	25	25	18.74	18.03	21.41	20	19.5	22.8
			100	0	50	0	18.62	18.08	21.37	20	19.5	22.8
			1	0	1	0	20.59	14.60	21.57	22	15	22.8
			1	49	1	25	20.77	14.51	21.69	22	15	22.8
			1	99	1	49	20.61	14.60	21.58	22	15	22.8
			50	0	25	0	18.53	18.01	21.29	20	19.5	22.8
			50	24	25	12	18.68	17.96	21.35	20	19.5	22.8
			50	50	25	25	18.53	18.00	21.28	20	19.5	22.8
			100	0	50	0	18.59	18.08	21.35	20	19.5	22.8



DL CA Power

Full Power															
2CC															
Configure	CA Configuration (BCS)	PCC							SCC				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)	
Inter-Band	CA_4A-5A	4	20	1732.5	20175	QPSK	1	0	5	10	881.5	2525	22.36	22.39	
	CA_4A-48A	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	22.35	22.39	
Inter-Band	Contiguous	CA_48B	48	20	3609	55830	QPSK	1	49	48	20	3641.00	56150	21.78	22.00

3CC																			
Configure		CA Configuration (BCS)	PCC							SCC1				SCC2				Power	
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx-Power (dBm)	W/O CA Tx-Power (dBm)
Inter-Band		CA_2A-4A-13A	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	13	10	751	5230	22.56	22.66
		CA_2A-5A-48A	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	48	20	3625	55990	22.53	22.66
		CA_2A-13A-48A	2	20	1860	18700	QPSK	1	0	13	10	751	5230	48	20	3625	55990	22.61	22.66
		CA_2A-48A-48A	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	5	3697.5	56715	22.60	22.66
		CA_2A-48A-66A	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	22.62	22.66
		CA_4A-4A-5A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	881.5	2525	22.35	22.39
		CA_4A-4A-13A	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	13	10	751	5230	22.35	22.39
		CA_5A-48A-66A	5	10	844	20600	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	22.45	22.57
		CA_13A-48A-48A	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	5	3697.5	56715	22.47	22.54
		CA_13A-48A-66A	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	22.47	22.54
		CA_13A-66A-66A	13	10	782	23230	QPSK	1	0	66	20	2155	66886	66	5	2197.5	67311	22.50	22.54
		CA_66A-66C	66	20	1745	132322	QPSK	1	0	66	20	2185	67186	66	5	2196.7	67303	22.20	22.42
		CA_66A-66A-66A	66	20	1745	132322	QPSK	1	0	66	5	2112.5	66461	66	20	2190	67236	22.15	22.42
Intra-Band	Contiguous	CA_4A-48C	4	20	1732.5	20175	QPSK	1	0	48	20	3625	55990	48	20	3605.2	55792	22.56	22.66

4CC																							
Configure	CA Configuration (BCS)	PCC							SCC1				SCC2				SCC3				Power		
		LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)	
Intra-Band	CA_2A-2A-4A-4A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	4	20	2120	2050	4	10	2150	2350	22.55	22.66	
	CA_2A-2A-4A-5A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	4	20	2120	2050	5	10	889	2600	22.64	22.66	
	CA_2A-4A-4A-5A	2	20	1860	18700	QPSK	1	0	4	5	2132.5	2175	4	20	2120	2050	5	10	889	2600	22.52	22.66	
	CA_2A-4A-5B	2	20	1860	18700	QPSK	1	0	4	20	2132.5	2175	5	10	874	2450	5	10	883.9	2549	22.58	22.66	
	CA_2A-5B-66A	2	20	1860	18700	QPSK	1	0	5	10	829	2450	5	10	883.9	2549	66	20	2155	66886	22.61	22.66	
	CA_2A-2A-5A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	5	10	881.5	2525	66	20	2155	66886	22.64	22.66	
	CA_2A-2A-13A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	13	10	751	5230	66	20	2155	66886	22.62	22.66	
	CA_2A-2A-66A-66A	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	66	5	2197.5	67311	22.58	22.66	
	CA_2A-5A-66A-66A	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	22.63	22.66	
	CA_2A-13A-66A-66A	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	5	2197.5	67311	22.60	22.66	
	CA_2A-66A-66A-66A	2	20	1860	18700	QPSK	1	0	66	20	2120	66536	66	20	2155	66886	66	5	2197.5	67311	22.54	22.66	
	CA_2A-2A-66B	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	20	2155	66886	66	20	2174.8	67084	22.61	22.66	
	CA_2A-2A-66C	2	20	1860	18700	QPSK	1	0	2	5	1987.5	1175	66	15	2155	66886	66	5	2164.3	66979	22.64	22.66	
	CA_2A-5A-66B	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	15	2155	66886	66	5	2164.3	66979	22.62	22.66	
	CA_2A-5A-66C	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	66	20	2155	66886	66	20	2174.8	67084	22.63	22.66	
	CA_2A-5A-48C	2	20	1860	18700	QPSK	1	0	5	10	881.5	2525	48	20	3660	56340	48	20	3679.8	56538	22.57	22.66	
	CA_2A-13A-48C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	48	20	3660	56340	48	20	3679.8	56538	22.66	22.66	
	CA_2A-13A-66B	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	15	2155	66886	66	5	2164.3	66979	22.63	22.66	
	CA_2A-13A-66C	2	20	1860	18700	QPSK	1	0	13	10	751	5230	66	20	2155	66886	66	20	2174.8	67084	22.65	22.66	
	CA_2A-48D	2	20	1860	18700	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	22.58	22.66	
	CA_2A-48A-48C	2	20	1860	18700	QPSK	1	0	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	22.56	22.66	
	CA_2A-48C-66A	2	20	1860	18700	QPSK	1	0	48	20	3660	56340	48	20	3679.8	56538	66	5	2197.5	67311	22.58	22.66	
	CA_4A-4A-5B	4	20	1732.5	20175	QPSK	1	0	4	5	2152.5	2375	5	10	874	2450	5	10	883.9	2549	22.36	22.39	
	CA_4A-48D	4	20	1732.5	20175	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	22.34	22.39	
	CA_5B-66B	5	10	844	20600	QPSK	1	0	5	10	829	2450	66	15	2155	66886	66	5	2164.3	66979	22.49	22.57	
	CA_5B-66C	5	10	844	20600	QPSK	1	0	5	10	829	2450	66	20	2155	66886	66	20	2174.8	67084	22.51	22.57	
	CA_5B-66A-66A	5	10	844	20600	QPSK	1	0	5	10	829	2450	66	20	2155	66886	66	5	2197.5	67311	22.50	22.57	
	CA_5A-5A-66B	5	10	844	20600	QPSK	1	0	5	5	881.5	2525	66	15	2152.6	66862	66	5	2161.9	66955	22.51	22.57	
	CA_5A-5A-66C	5	10	844	20600	QPSK	1	0	5	5	881.5	2525	66	20	2155	66886	66	20	2174.8	67084	22.48	22.57	
	CA_5A-5A-66A-66A	5	10	844	20600	QPSK	1	0	5	5	881.5	2525	66	20	2155	66886	66	5	2197.5	67311	22.56	22.57	
	CA_5A-48D	5	10	844	20600	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	22.42	22.57	
	CA_5A-48C-66A	5	10	844	20600	QPSK	1	0	48	20	3679.8	56538	48	20	3660	56340	66	5	2197.5	67311	22.48	22.57	
	CA_13A-48D	13	10	782	23230	QPSK	1	0	48	20	3609	55830	48	20	3628.8	56028	48	20	3648.6	56226	22.39	22.54	
	CA_13A-48A-48C	13	10	782	23230	QPSK	1	0	48	20	3625	55990	48	20	3660	56340	48	20	3679.8	56538	22.23	22.54	
	CA_13A-48C-66A	13	10	782	23230	QPSK	1	0	48	20	3679.8	56538	48	20	3660	56340	66	5	2197.5	67311	22.42	22.54	
	CA_13A-48A-66B	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	15	2152.6	66862	66	5	2161.9	66955	22.45	22.54	
	CA_13A-48A-66C	13	10	782	23230	QPSK	1	0	48	20	3625	55990	66	20	2155	66886	66	20	2174.8	67084	22.54	22.54	
	CA_48E	48	20	3609	55830	QPSK	1	49	48	20	3628.8	56028	48	20	3648.6	56226	48	20	3668.4	56424	21.71	22.00	
	CA_48D-66A	48	20	3609	55830	QPSK	1	49	48	20	3628.8	56028	48	20	3648.6	56226	66	5	2197.5	67311	21.76	22.00	
	CA_48A-48C-66A	48	20	3609	55830	QPSK	1	49	48	20	3628.8	56028	48	5	3697.5	56715	66	5	2197.5	67311	21.77	22.00	
	CA_48C-66B	48	20	3609	55830	QPSK	1	49	48	5	3697.5	56715	66	15	2152.6	66862	66	5	2161.9	66955	21.68	22.00	
	CA_48C-66C	48	20	3609	55830	QPSK	1	49	48	5	3697.5	56715	66	20	2155	66886	66	20	2174.8	67084	21.66	22.00	
	CA_48C-66A-66A	48	20	3609	55830	QPSK	1	49	48	5	3697.5	56715	66	5	2197.5	67311	66	5	2197.5	67311	21.79	22.00	
	CA_48A-48A-66B	48	20	3609	55830	QPSK	1	49	48	10	3625	55990	66	15	2152.6	66862	66	5	2161.9	66955	21.66	22.00	
	CA_48A-48A-66C	48	20	3609	55830	QPSK	1	49	48	10	3625	55990	66	20	2155	66886	66	20	2174.8	67084	21.68	22.00	
	CA_48A-48A-66A-66A	48	20	3609	55830	QPSK	1	49	48	10	3625	55990	66	20	2155	66886	66	5	2197.5	67311	21.78	22.00	

Conducted Full Power level/Default Power level/ Pmax Power Level for 5G NR

n2_ANT 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.24	23.15	23.12		
20	PI/2 BPSK	1	53	22.96	23.03	22.96	24.0	0.0
20	PI/2 BPSK	1	104	23.03	22.97	22.91		
20	PI/2 BPSK	50	0	22.66	22.52	22.60		
20	PI/2 BPSK	50	28	23.16	23.10	23.07	24.0	0.0
20	PI/2 BPSK	50	56	22.62	22.61	22.45	23.5	0.5
20	PI/2 BPSK	100	0	22.77	22.75	22.69		
20	QPSK	1	1	23.15	23.02	22.99		
20	QPSK	1	53	23.12	23.05	22.99	24.0	0.0
20	QPSK	1	104	23.04	22.98	22.92		
20	QPSK	50	0	22.16	22.04	22.10		
20	QPSK	50	28	23.13	22.91	22.91	24.0	0.0
20	QPSK	50	56	22.11	22.05	21.99	23.0	1.0
20	QPSK	100	0	22.27	22.22	22.21		
20	16QAM	1	1	22.25	22.15	22.14		
20	64QAM	1	1	20.78	20.75	20.77	21.5	2.5
20	256QAM	1	1	19.43	19.25	19.29	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0
15	PI/2 BPSK	1	1	23.09	23.01	22.82	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	24.0	0.0
10	PI/2 BPSK	1	1	23.07	22.91	22.86	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0
5	PI/2 BPSK	1	1	23.12	22.99	22.98	24.0	0.0

n2_ANT 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				372000	376000	380000	24.0	0.0
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	23.31	23.23	23.22		
20	PI/2 BPSK	1	53	23.27	23.19	23.18	24.0	0.0
20	PI/2 BPSK	1	104	23.21	23.21	23.20		
20	PI/2 BPSK	50	0	22.81	22.71	22.72		
20	PI/2 BPSK	50	28	23.28	23.17	23.13	24.0	0.0
20	PI/2 BPSK	50	56	22.73	22.66	22.73	23.5	0.5
20	PI/2 BPSK	100	0	22.93	22.80	22.74		
20	QPSK	1	1	23.26	23.27	23.22		
20	QPSK	1	53	23.23	23.22	23.29	24.0	0.0
20	QPSK	1	104	23.26	23.25	23.25		
20	QPSK	50	0	22.30	22.21	22.22		
20	QPSK	50	28	23.28	23.18	23.18	24.0	0.0
20	QPSK	50	56	22.26	22.17	22.21	23.0	1.0
20	QPSK	100	0	22.38	22.32	22.33		
20	16QAM	1	1	22.59	22.43	22.47		
20	64QAM	1	1	21.28	21.12	21.15	21.5	2.5
20	256QAM	1	1	19.46	19.36	19.34	19.5	4.5
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1857.5	1880	1902.5	24.0	0.0
15	PI/2 BPSK	1	1	23.25	23.24	23.17	24.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905	24.0	0.0
10	PI/2 BPSK	1	1	23.25	23.24	23.27	24.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5	24.0	0.0
5	PI/2 BPSK	1	1	23.13	23.23	23.11	24.0	0.0

n5_ANT 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.10	23.25	23.05		
20	PI/2 BPSK	1	53	22.96	23.08	23.01	24.0	0.0
20	PI/2 BPSK	1	104	22.92	22.95	22.90		
20	PI/2 BPSK	50	0	23.02	23.15	23.02		
20	PI/2 BPSK	50	28	23.06	23.20	23.04	24.0	0.0
20	PI/2 BPSK	50	56	23.05	23.04	22.95	24.0	0.0
20	PI/2 BPSK	100	0	23.03	23.16	22.99		
20	QPSK	1	1	23.12	23.19	23.22		
20	QPSK	1	53	23.20	23.13	23.20	24.0	0.0
20	QPSK	1	104	23.14	23.00	23.07		
20	QPSK	50	0	23.11	23.17	23.17		
20	QPSK	50	28	23.19	23.15	23.08	24.0	0.0
20	QPSK	50	56	23.12	23.05	22.99	24.0	0.0
20	QPSK	100	0	23.20	23.12	23.08		
20	16QAM	1	1	23.15	22.86	23.09	24.0	0.0
20	64QAM	1	1	21.50	21.79	21.62	22.5	1.5
20	256QAM	1	1	20.17	20.23	20.19	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	PI/2 BPSK	1	1	23.21	23.12	23.05		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	24.0	0.0
10	PI/2 BPSK	1	1	23.23	23.22	23.18		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0
5	PI/2 BPSK	1	1	23.21	23.19	23.18		

n5_ANT 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	23.27	23.35	23.23		
20	PI/2 BPSK	1	53	23.16	23.19	23.17	24.0	0.0
20	PI/2 BPSK	1	104	23.09	23.17	23.03		
20	PI/2 BPSK	50	0	23.00	23.06	22.96		
20	PI/2 BPSK	50	28	23.26	23.32	23.20	24.0	0.0
20	PI/2 BPSK	50	56	22.94	22.90	22.86	23.5	0.5
20	PI/2 BPSK	100	0	22.91	22.95	22.87		
20	QPSK	1	1	23.27	23.28	23.26		
20	QPSK	1	53	23.25	23.33	23.23	24.0	0.0
20	QPSK	1	104	23.18	23.10	23.10		
20	QPSK	50	0	22.63	22.56	22.61		
20	QPSK	50	28	23.31	23.31	23.27	24.0	0.0
20	QPSK	50	56	22.44	22.43	22.39	23.0	1.0
20	QPSK	100	0	22.53	22.51	22.47		
20	16QAM	1	1	22.58	22.57	22.49		
20	64QAM	1	1	21.91	21.88	21.91	22.5	1.5
20	256QAM	1	1	19.56	19.50	19.52	21.0	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5	24.0	0.0
15	PI/2 BPSK	1	1	23.24	23.07	23.04		
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844	24.0	0.0
10	PI/2 BPSK	1	1	23.25	23.15	23.17		
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5	24.0	0.0
5	PI/2 BPSK	1	1	23.25	23.15	23.17		

n66_ANT 0								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.76	22.84	22.78		
40	PI/2 BPSK	1	108	22.73	22.82	22.76	24.0	0.0
40	PI/2 BPSK	1	214	22.70	22.81	22.72		
40	PI/2 BPSK	108	0	22.67	22.75	22.72		
40	PI/2 BPSK	108	54	22.73	22.79	22.75	24.0	0.0
40	PI/2 BPSK	108	108	22.71	22.76	22.67	23.5	0.5
40	PI/2 BPSK	216	0	22.70	22.75	22.72		
40	QPSK	1	1	22.66	22.75	22.78		
40	QPSK	1	108	22.69	22.81	22.74	24.0	0.0
40	QPSK	1	214	22.75	22.67	22.76		
40	QPSK	108	0	22.28	22.25	22.24		
40	QPSK	108	54	22.62	22.76	22.66	24.0	0.0
40	QPSK	108	108	22.21	22.26	22.23	23.0	1.0
40	QPSK	216	0	22.15	22.25	22.20		
40	16QAM	1	1	22.19	22.17	22.22		
40	64QAM	1	1	20.75	20.85	20.97	21.5	2.5
40	256QAM	1	1	18.81	18.87	18.84	19.5	4.5
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	PI/2 BPSK	1	1	22.68	22.78	22.75	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	PI/2 BPSK	1	1	22.83	22.82	22.79	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	PI/2 BPSK	1	1	22.71	22.81	22.72	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	PI/2 BPSK	1	1	22.69	22.81	22.66	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	PI/2 BPSK	1	1	22.79	22.81	22.81	24.0	0.0

n66_ANT 1								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	24.0	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	22.88	22.98	22.93		
40	PI/2 BPSK	1	108	22.76	22.96	22.90	24.0	0.0
40	PI/2 BPSK	1	214	22.85	22.89	22.71		
40	PI/2 BPSK	108	0	22.83	22.83	22.87		
40	PI/2 BPSK	108	54	22.85	22.95	22.90	24.0	0.0
40	PI/2 BPSK	108	108	22.80	22.90	22.76	24.0	0.0
40	PI/2 BPSK	216	0	22.82	22.93	22.86		
40	QPSK	1	1	22.74	22.82	22.92		
40	QPSK	1	108	22.86	22.90	22.88	24.0	0.0
40	QPSK	1	214	22.87	22.83	22.75		
40	QPSK	108	0	22.21	22.25	22.31		
40	QPSK	108	54	22.79	22.82	22.80	24.0	0.0
40	QPSK	108	108	22.44	22.37	22.32	23.5	0.5
40	QPSK	216	0	22.29	22.35	22.29		
40	16QAM	1	1	22.33	22.32	22.46		
40	64QAM	1	1	21.00	21.01	21.13	22.0	2.0
40	256QAM	1	1	18.84	18.92	19.09	20.0	4.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	24.0	0.0
30	PI/2 BPSK	1	1	22.78	22.77	22.80	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	24.0	0.0
20	PI/2 BPSK	1	1	22.93	22.90	22.95	24.0	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	24.0	0.0
15	PI/2 BPSK	1	1	22.86	22.92	22.86	24.0	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	24.0	0.0
10	PI/2 BPSK	1	1	22.91	22.95	22.88	24.0	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	24.0	0.0
5	PI/2 BPSK	1	1	22.64	22.81	22.50	24.0	0.0

n77_FCC(Ant 3)(Part27Q)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			24.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		22.91				
100	PI/2 BPSK	1	137		22.83				
100	PI/2 BPSK	1	271		22.85				
100	PI/2 BPSK	135	0		22.84		24.0	0.0	
100	PI/2 BPSK	135	69		22.88		24.0	0.0	
100	PI/2 BPSK	135	138		22.63		24.0	0.0	
100	PI/2 BPSK	270	0		22.75		24.0	0.0	
100	QPSK	1	1		22.81		24.0	0.0	
100	QPSK	1	137		22.80				
100	QPSK	1	271		22.79				
100	QPSK	135	0		22.77				
100	QPSK	135	69		22.75		24.0	0.0	
100	QPSK	135	138		22.64				
100	QPSK	270	0		22.76		24.0	0.0	
100	16QAM	1	1		22.78		24.0	0.0	
100	64QAM	1	1		22.65		24.0	0.0	
100	256QAM	1	1		21.21		21.5	2.5	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		22.79	22.81	22.68	24.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1		22.84	22.88	22.71	24.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1		22.67	22.90	22.78	24.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1		22.72	22.75	22.69	24.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1		22.71	22.81	22.63	24.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1		22.85	22.85	22.65	24.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1		22.83	22.81	22.77	24.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1		22.86	22.88	22.64	24.0	0.0

n77_FCC(Ant 3)(Part27Q)- HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			27.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1		25.93			
100	PI/2 BPSK	1	137		25.82			
100	PI/2 BPSK	1	271		25.75			
100	PI/2 BPSK	135	0		25.31		27.0	0.0
100	PI/2 BPSK	135	69		25.83		27.0	0.0
100	PI/2 BPSK	135	138		25.16		27.0	0.0
100	PI/2 BPSK	270	0		25.22			
100	QPSK	1	1		25.86		27.0	0.0
100	QPSK	1	137		25.81			
100	QPSK	1	271		25.77			
100	QPSK	135	0		24.84			
100	QPSK	135	69		25.73		27.0	0.0
100	QPSK	135	138		24.68			
100	QPSK	270	0		24.75		27.0	0.0
100	16QAM	1	1		24.91		27.0	0.0
100	64QAM	1	1		23.31		27.0	0.0
100	256QAM	1	1		21.18		22.5	4.5
Channel				633000	633334	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	25.71	25.78	25.69	27.0	0.0
Channel				632668	633334	634000	Tune-up limit	MPR
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)
80	PI/2 BPSK	1	1	25.76	25.82	25.70	27.0	0.0
Channel				632334	633334	634332	Tune-up limit	MPR
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)
70	PI/2 BPSK	1	1	25.79	25.75	25.69	27.0	0.0
Channel				632000	633334	634666	Tune-up limit	MPR
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)
60	PI/2 BPSK	1	1	25.84	25.78	25.63	27.0	0.0
Channel				631668	633334	635000	Tune-up limit	MPR
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)
50	PI/2 BPSK	1	1	25.83	25.88	25.69	27.0	0.0
Channel				631334	633334	635332	Tune-up limit	MPR
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)
40	PI/2 BPSK	1	1	25.87	25.91	25.58	27.0	0.0
Channel				631000	633334	635666	Tune-up limit	MPR
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)
30	PI/2 BPSK	1	1	25.88	25.90	25.69	27.0	0.0
Channel				630668	633334	636000	Tune-up limit	MPR
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)
20	PI/2 BPSK	1	1	25.88	25.90	25.78	27.0	0.0

n77_FCC(Ant 3)(Part270)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	24.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	22.90	22.95	22.80		
100	PI/2 BPSK	1	137	22.87	22.94	22.76	24.0	0.0
100	PI/2 BPSK	1	271	22.75	22.85	22.61		
100	PI/2 BPSK	135	0	22.80	22.87	22.75		
100	PI/2 BPSK	135	69	22.67	22.82	22.77	24.0	0.0
100	PI/2 BPSK	135	138	22.79	22.85	22.68		
100	PI/2 BPSK	270	0	22.64	22.87	22.75		
100	QPSK	1	1	22.81	22.82	22.76	24.0	0.0
100	QPSK	1	137	22.89	22.82	22.72		
100	QPSK	1	271	22.72	22.79	22.53		
100	QPSK	135	0	22.79	22.90	22.77	24.0	0.0
100	QPSK	135	69	22.77	22.86	22.75		
100	QPSK	135	138	22.71	22.84	22.63		
100	QPSK	270	0	22.77	22.87	22.66	24.0	0.0
100	16QAM	1	1	22.92	22.94	22.93	24.0	0.0
100	64QAM	1	1	22.91	22.92	22.85	24.0	0.0
100	256QAM	1	1	21.32	21.24	21.25	21.5	2.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	24.0	0.0
90	PI/2 BPSK	1	1	22.73	22.68	22.67	24.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	24.0	0.0
80	PI/2 BPSK	1	1	22.61	22.65	22.61	24.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	24.0	0.0
70	PI/2 BPSK	1	1	22.69	22.65	22.63	24.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	24.0	0.0
60	PI/2 BPSK	1	1	22.73	22.80	22.65	24.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	24.0	0.0
50	PI/2 BPSK	1	1	22.73	22.70	22.67	24.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	24.0	0.0
40	PI/2 BPSK	1	1	22.75	22.80	22.82	24.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	24.0	0.0
30	PI/2 BPSK	1	1	22.80	22.74	22.78	24.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	24.0	0.0
20	PI/2 BPSK	1	1	22.76	22.81	22.76	24.0	0.0

n77_FCC(Ant 3)(Part270)-HPUE								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	27.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	25.96	26.00	25.83		
100	PI/2 BPSK	1	137	25.92	25.99	25.74	26.5	0.5
100	PI/2 BPSK	1	271	25.85	25.81	25.53		
100	PI/2 BPSK	135	0	25.42	25.37	25.32		
100	PI/2 BPSK	135	69	25.92	25.95	25.79	26.5	0.5
100	PI/2 BPSK	135	138	25.39	25.31	25.16		
100	PI/2 BPSK	270	0	25.43	25.46	25.22		
100	QPSK	1	1	25.90	25.97	25.78	27.0	0.0
100	QPSK	1	137	25.96	25.99	25.73		
100	QPSK	1	271	25.82	25.82	25.54		
100	QPSK	135	0	24.93	24.98	24.83	27.0	0.0
100	QPSK	135	69	25.84	25.93	25.72		
100	QPSK	135	138	24.85	24.95	24.68		
100	QPSK	270	0	24.94	24.92	24.72	26.0	1.0
100	16QAM	1	1	25.01	25.02	24.87	26.0	1.0
100	64QAM	1	1	23.42	23.34	23.34	24.5	2.5
100	256QAM	1	1	21.26	21.24	21.25	22.5	4.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	27.0	0.0
90	PI/2 BPSK	1	1	25.85	25.80	25.79	27.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	27.0	0.0
80	PI/2 BPSK	1	1	25.73	25.77	25.73	27.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	27.0	0.0
70	PI/2 BPSK	1	1	25.81	25.77	25.75	27.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	27.0	0.0
60	PI/2 BPSK	1	1	25.85	25.96	25.77	27.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	27.0	0.0
50	PI/2 BPSK	1	1	25.85	25.82	25.79	27.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	27.0	0.0
40	PI/2 BPSK	1	1	25.97	25.92	25.94	27.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	27.0	0.0
30	PI/2 BPSK	1	1	25.96	25.86	25.90	27.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	27.0	0.0
20	PI/2 BPSK	1	1	25.98	25.93	25.88	27.0	0.0

n78_FCC(Ant 3)(Part27Q)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	22.97					
100	PI/2 BPSK	1	137	23.13			24.0	0.0	
100	PI/2 BPSK	1	271	23.07					
100	PI/2 BPSK	135	0	23.00			23.5	0.5	
100	PI/2 BPSK	135	69	23.08			24.0	0.0	
100	PI/2 BPSK	135	138	22.97			23.5	0.5	
100	PI/2 BPSK	270	0	23.08					
100	QPSK	1	1	22.88					
100	QPSK	1	137	23.08			24.0	0.0	
100	QPSK	1	271	23.06					
100	QPSK	135	0	22.55					
100	QPSK	135	69	23.08			24.0	0.0	
100	QPSK	135	138	22.58					
100	QPSK	270	0	22.61			23.0	1.0	
100	16QAM	1	1	22.45			23.0	1.0	
100	64QAM	1	1	20.82			21.5	2.5	
100	256QAM	1	1	18.68			19.5	4.5	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1	22.82	22.89	22.75	24.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1	22.84	22.88	22.80	24.0	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1	22.84	22.86	22.79	24.0	0.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1	22.83	22.89	22.79	24.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1	22.86	22.86	22.75	24.0	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1	22.89	22.89	22.76	24.0	0.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	22.87	22.90	22.72	24.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1	22.83	22.86	22.75	24.0	0.0	

n78_FCC(Ant 3)(Part27O)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	650000	650000			
Frequency (MHz)				3750	3750	3750			
100	PI/2 BPSK	1	1		22.85				
100	PI/2 BPSK	1	137		22.77		24.0	0.0	
100	PI/2 BPSK	1	271		22.75				
100	PI/2 BPSK	135	0		22.75		23.5	0.5	
100	PI/2 BPSK	135	69		22.77		24.0	0.0	
100	PI/2 BPSK	135	138		22.64		23.5	0.5	
100	PI/2 BPSK	270	0		22.74				
100	QPSK	1	1		22.78				
100	QPSK	1	137		22.83		24.0	0.0	
100	QPSK	1	271		22.79				
100	QPSK	135	0		22.31				
100	QPSK	135	69		22.78		24.0	0.0	
100	QPSK	135	138		22.30				
100	QPSK	270	0		22.24		23.0	1.0	
100	16QAM	1	1		22.51		23.0	1.0	
100	64QAM	1	1		20.78		21.5	2.5	
100	256QAM	1	1		18.92		19.5	4.5	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	PI/2 BPSK	1	1	22.78	22.73	22.72	24.0	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	PI/2 BPSK	1	1	22.73	22.77	22.73	24.0	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	PI/2 BPSK	1	1	22.77	22.73	22.71	24.0	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	PI/2 BPSK	1	1	22.71	22.82	22.63	24.0	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	PI/2 BPSK	1	1	22.81	22.78	22.75	24.0	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	PI/2 BPSK	1	1	22.83	22.78	22.70	24.0	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	PI/2 BPSK	1	1	22.82	22.82	22.66	24.0	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	PI/2 BPSK	1	1	22.84	22.69	22.64	24.0	0.0	

n77_FCC(Part270)-Ant 3 (DSI4_Full)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.99	20.08	19.91		
100	PI/2 BPSK	1	137	19.89	19.92	19.72	21.0	0.0
100	PI/2 BPSK	1	271	19.77	19.90	19.67		
100	PI/2 BPSK	135	0	19.79	19.83	19.76		
100	PI/2 BPSK	135	69	19.86	19.96	19.81	21.0	0.0
100	PI/2 BPSK	135	138	19.83	19.88	19.72		
100	PI/2 BPSK	270	0	19.87	19.90	19.75		
100	QPSK	1	1	19.82	19.79	19.75	21.0	0.0
100	QPSK	1	137	19.93	19.82	19.70		
100	QPSK	1	271	19.75	19.81	19.57		
100	QPSK	135	0	19.75	19.93	19.73	21.0	0.0
100	QPSK	135	69	19.75	19.84	19.78		
100	QPSK	135	138	19.74	19.86	19.65		
100	QPSK	270	0	19.75	19.89	19.64	21.0	0.0
100	16QAM	1	1	19.85	19.91	19.72	21.0	0.0
100	64QAM	1	1	19.66	19.73	19.58	21.0	0.0
100	256QAM	1	1	19.65	19.83	19.70	20.0	1.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	21.0	0.0
90	PI/2 BPSK	1	1	19.91	20.07	20.01	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	21.0	0.0
80	PI/2 BPSK	1	1	19.82	19.99	20.05	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	21.0	0.0
70	PI/2 BPSK	1	1	19.94	20.07	20.02	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	21.0	0.0
60	PI/2 BPSK	1	1	19.85	20.04	19.91	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	21.0	0.0
50	PI/2 BPSK	1	1	20.03	19.78	19.94	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	21.0	0.0
40	PI/2 BPSK	1	1	19.76	19.82	20.01	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	21.0	0.0
30	PI/2 BPSK	1	1	19.87	20.03	19.99	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	21.0	0.0
20	PI/2 BPSK	1	1	19.96	19.98	20.01	21.0	0.0

n77_FCC(Part270)-Ant 3 (DSI4_Full)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633666	21.0	0.0
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	19.98	19.98	19.98		
100	PI/2 BPSK	1	137	19.78	19.83	19.83	21.0	0.0
100	PI/2 BPSK	1	271	19.83	19.83	19.83		
100	PI/2 BPSK	135	0	19.86	19.86	19.86		
100	PI/2 BPSK	135	69	19.88	19.88	19.88	21.0	0.0
100	PI/2 BPSK	135	138	19.58	19.58	19.58		
100	PI/2 BPSK	270	0	19.62	19.62	19.62		
100	QPSK	1	1	19.79	19.79	19.79	21.0	0.0
100	QPSK	1	137	19.76	19.76	19.76		
100	QPSK	1	271	19.81	19.81	19.81		
100	QPSK	135	0	19.81	19.81	19.81	21.0	0.0
100	QPSK	135	69	19.67	19.67	19.67		
100	QPSK	135	138	19.55	19.55	19.55		
100	QPSK	270	0	19.76	19.76	19.76	21.0	0.0
100	16QAM	1	1	19.74	19.74	19.74	21.0	0.0
100	64QAM	1	1	19.86	19.86	19.86	21.0	0.0
100	256QAM	1	1	19.83	19.83	19.83	20.0	1.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	21.0	0.0
90	PI/2 BPSK	1	1	19.90	19.88	19.82	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	21.0	0.0
80	PI/2 BPSK	1	1	19.81	19.78	19.74	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	21.0	0.0
70	PI/2 BPSK	1	1	19.88	19.85	19.74	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	21.0	0.0
60	PI/2 BPSK	1	1	19.78	19.80	19.71	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	21.0	0.0
50	PI/2 BPSK	1	1	19.73	19.68	19.70	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	21.0	0.0
40	PI/2 BPSK	1	1	19.85	19.66	19.52	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	21.0	0.0
30	PI/2 BPSK	1	1	19.83	19.76	19.61	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	21.0	0.0
20	PI/2 BPSK	1	1	19.85	19.79	19.91	21.0	0.0

n77_FCC(Ant 5)(Part270) (DSI4_Full)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	21.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.23	20.24	20.17		
100	PI/2 BPSK	1	137	20.16	20.16	20.16		
100	PI/2 BPSK	1	271	20.00	19.96	20.09	21.0	0.0
100	PI/2 BPSK	135	0	20.13	20.01	19.90		
100	PI/2 BPSK	135	69	20.15	20.19	20.02		
100	PI/2 BPSK	135	138	20.05	20.13	19.93		
100	PI/2 BPSK	270	0	19.95	19.97	19.94	21.0	0.0
100	QPSK	1	1	20.21	19.92	19.86		
100	QPSK	1	137	20.15	20.12	19.96		
100	QPSK	1	271	19.93	20.03	20.05		
100	QPSK	135	0	20.19	20.09	20.13	21.0	0.0
100	QPSK	135	69	20.14	20.05	19.95		
100	QPSK	135	138	20.07	19.96	19.93		
100	QPSK	270	0	20.17	19.94	19.99		
100	16QAM	1	1	20.22	20.03	19.94	21.0	0.0
100	64QAM	1	1	20.19	19.99	19.87	21.0	0.0
100	256QAM	1	1	18.29	18.37	18.14	19.5	1.5
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	21.0	0.0
90	PI/2 BPSK	1	1	19.76	19.82	19.99	21.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	21.0	0.0
80	PI/2 BPSK	1	1	19.95	20.09	20.11	21.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	21.0	0.0
70	PI/2 BPSK	1	1	19.98	20.12	20.20	21.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	21.0	0.0
60	PI/2 BPSK	1	1	20.11	20.15	20.18	21.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	21.0	0.0
50	PI/2 BPSK	1	1	20.04	20.10	19.98	21.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	21.0	0.0
40	PI/2 BPSK	1	1	20.07	20.09	20.12	21.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	21.0	0.0
30	PI/2 BPSK	1	1	20.13	20.05	19.99	21.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	21.0	0.0
20	PI/2 BPSK	1	1	19.99	20.08	20.12	21.0	0.0

n77_FCC(Ant 5)(Part27Q) (DSI4_Full)_UL MIMO								
BW [MHz]	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			21.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.19				
100	PI/2 BPSK	1	137	20.13				
100	PI/2 BPSK	1	271	20.14			21.0	0.0
100	PI/2 BPSK	135	0	20.15				
100	PI/2 BPSK	135	69	20.16				
100	PI/2 BPSK	135	138	20.13				
100	PI/2 BPSK	270	0	20.14			21.0	0.0
100	QPSK	1	1	20.00				
100	QPSK	1	137	19.97				
100	QPSK	1	271	19.99				
100	QPSK	135	0	20.11			21.0	0.0
100	QPSK	135	69	20.10				
100	QPSK	135	138	19.98				
100	QPSK	270	0	20.06				
100	16QAM	1	1	20.08			21.0	0.0
100	64QAM	1	1	19.88			21.0	0.0
100	256QAM	1	1	18.36			19.5	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	21.0	0.0
90	PI/2 BPSK	1	1	20.06	20.08	20.02	21.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	21.0	0.0
80	PI/2 BPSK	1	1	20.05	20.06	20.11	21.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	21.0	0.0
70	PI/2 BPSK	1	1	20.09	20.11	20.13	21.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	21.0	0.0
60	PI/2 BPSK	1	1	19.60	19.56	19.54	21.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	21.0	0.0
50	PI/2 BPSK	1	1	20.13	20.16	20.11	21.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	21.0	0.0
40	PI/2 BPSK	1	1	20.14	20.15	20.11	21.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	21.0	0.0
30	PI/2 BPSK	1	1	20.09	20.10	20.15	21.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	21.0	0.0
20	PI/2 BPSK	1	1	20.12	20.14	20.13	21.0	0.0

Reduced Power Mode for 5G NR

n2_ANT 0(DSI 3 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	19.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	18.26	18.05	18.03			
20	PI/2 BPSK	1	53	18.03	18.01	17.90	19.0	0.0	
20	PI/2 BPSK	1	104	17.99	17.99	17.75			
20	PI/2 BPSK	50	0	18.08	18.05	17.94		0.0	
20	PI/2 BPSK	50	28	18.09	18.07	17.99	19.0	0.0	
20	PI/2 BPSK	50	56	18.07	18.01	17.82	19.0	0.0	
20	PI/2 BPSK	100	0	18.15	18.12	17.93			
20	QPSK	1	1	18.03	18.05	18.02		0.0	
20	QPSK	1	53	18.03	18.03	17.94	19.0	0.0	
20	QPSK	1	104	18.05	17.96	17.75			
20	QPSK	50	0	18.10	17.95	17.90	19.0	0.0	
20	QPSK	50	28	18.02	17.96	17.86	19.0	0.0	
20	QPSK	50	56	18.02	17.95	17.79			
20	QPSK	100	0	18.12	18.11	17.92		0.0	
20	16QAM	1	1	18.06	17.92	17.60	19.0	0.0	
20	64QAM	1	1	17.87	17.58	18.00	19.0	0.0	
20	256QAM	1	1	18.07	18.05	18.00	19.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	19.0	0.0	
15	PI/2 BPSK	1	1	18.05	17.94	17.64	19.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	19.0	0.0	
10	PI/2 BPSK	1	1	17.99	17.88	17.64	19.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	19.0	0.0	
5	PI/2 BPSK	1	1	18.04	17.95	17.59	19.0	0.0	

n2_ANT 0(DSI 3_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	17.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	16.06	15.92	15.90		0.0	
20	PI/2 BPSK	1	53	15.90	15.90	15.89	17.0	0.0	
20	PI/2 BPSK	1	104	15.91	15.86	15.75			
20	PI/2 BPSK	50	0	15.90	15.84	15.86		0.0	
20	PI/2 BPSK	50	28	16.00	15.89	15.88	17.0	0.0	
20	PI/2 BPSK	50	56	15.94	15.82	15.82	17.0	0.0	
20	PI/2 BPSK	100	0	16.05	15.96	15.99			
20	QPSK	1	1	16.02	15.92	15.91		0.0	
20	QPSK	1	53	15.93	15.90	15.90	17.0	0.0	
20	QPSK	1	104	15.95	15.88	15.73			
20	QPSK	50	0	16.00	15.92	15.88	17.0	0.0	
20	QPSK	50	28	15.92	15.86	15.87	17.0	0.0	
20	QPSK	50	56	15.92	15.82	15.76			
20	QPSK	100	0	16.02	15.96	15.95		0.0	
20	16QAM	1	1	16.02	15.75	15.70	17.0	0.0	
20	64QAM	1	1	15.87	16.01	15.98	17.0	0.0	
20	256QAM	1	1	16.01	15.92	16.04	17.0	0.0	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	17.0	0.0	
15	PI/2 BPSK	1	1	16.05	15.87	15.61	17.0	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	17.0	0.0	
10	PI/2 BPSK	1	1	16.03	15.91	15.64	17.0	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	17.0	0.0	
5	PI/2 BPSK	1	1	16.04	15.93	15.66	17.0	0.0	

n2_ANT 0(DSI 6 standalone&DSI 6_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	22.0	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	21.16	20.93	20.85	22.0	0.0	
20	PI/2 BPSK	1	53	20.90	20.82	20.80			
20	PI/2 BPSK	1	104	20.91	20.89	20.76	22.0	0.0	
20	PI/2 BPSK	50	0	20.90	20.86	20.85			
20	PI/2 BPSK	50	28	21.00	20.92	20.90	22.0	0.0	
20	PI/2 BPSK	50	56	20.94	20.83	20.86			
20	PI/2 BPSK	100	0	21.05	21.03	20.95	22.0	0.0	
20	QPSK	1	1	21.13	20.90	20.86			
20	QPSK	1	53	20.93	20.87	20.85	22.0	0.0	
20	QPSK	1	104	20.95	20.83	20.72			
20	QPSK	50	0	21.00	20.86	20.90	22.0	0.0	
20	QPSK	50	28	20.92	20.87	20.87			
20	QPSK	50	56	20.92	20.84	20.78	22.0	0.0	
20	QPSK	100	0	21.02	20.98	20.99			
20	16QAM	1	1	20.99	20.88	20.85	22.0	0.0	
20	64QAM	1	1	20.53	20.48	20.35	21.0	1.0	
20	256QAM	1	1	19.20	18.97	19.00	19.5	2.5	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	22.0	0.0	
15	PI/2 BPSK	1	1	21.03	20.74	20.60		0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	22.0	0.0	
10	PI/2 BPSK	1	1	20.94	20.67	20.64		0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	22.0	0.0	
5	PI/2 BPSK	1	1	21.02	20.72	20.73		0.0	

n66_ANT 0(DSI 3 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	19.3	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	18.37	18.44	18.27	19.3	0.0	
40	PI/2 BPSK	1	108	18.31	18.32	18.25			
40	PI/2 BPSK	1	214	18.30	18.17	18.14	19.3	0.0	
40	PI/2 BPSK	108	0	18.25	18.26	18.23			
40	PI/2 BPSK	108	54	18.29	18.37	18.25	19.3	0.0	
40	PI/2 BPSK	108	108	18.24	18.35	18.24			
40	PI/2 BPSK	216	0	18.20	18.23	18.19	19.3	0.0	
40	QPSK	1	1	18.08	18.19	18.23			
40	QPSK	1	108	18.23	18.31	18.23	19.3	0.0	
40	QPSK	1	214	18.20	18.16	18.29			
40	QPSK	108	0	18.26	18.22	18.26	19.3	0.0	
40	QPSK	108	54	18.10	18.27	18.15			
40	QPSK	108	108	18.27	18.29	18.30	19.3	0.0	
40	QPSK	216	0	18.20	18.27	18.23			
40	16QAM	1	1	18.17	18.11	18.21	19.3	0.0	
40	64QAM	1	1	18.18	18.27	18.30			
40	256QAM	1	1	18.04	18.09	18.03	19.3	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.3	0.0	
30	PI/2 BPSK	1	1	18.17	18.27	18.21			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.3	0.0	
20	PI/2 BPSK	1	1	18.34	18.38	18.30			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.3	0.0	
15	PI/2 BPSK	1	1	18.27	18.34	18.29			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.3	0.0	
10	PI/2 BPSK	1	1	18.36	18.40	18.35			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.3	0.0	
5	PI/2 BPSK	1	1	18.38	18.43	18.39			

n66_ANT 0(DSI 3_Sim-Tx)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	18.3	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	17.28	17.33	17.30		
40	PI/2 BPSK	1	108	17.19	17.26	17.29	18.3	0.0
40	PI/2 BPSK	1	214	17.10	17.19	17.15		
40	PI/2 BPSK	108	0	17.10	17.22	17.20		
40	PI/2 BPSK	108	54	17.17	17.23	17.22	18.3	0.0
40	PI/2 BPSK	108	108	17.10	17.20	17.13	18.3	0.0
40	PI/2 BPSK	216	0	17.13	17.25	17.24		
40	QPSK	1	1	17.09	17.15	17.18		
40	QPSK	1	108	17.17	17.27	17.23	18.3	0.0
40	QPSK	1	214	17.29	17.17	17.23		
40	QPSK	108	0	17.26	17.21	17.22		
40	QPSK	108	54	17.09	17.32	17.19	18.3	0.0
40	QPSK	108	108	17.23	17.29	17.27	18.3	0.0
40	QPSK	216	0	17.16	17.25	17.25		
40	16QAM	1	1	17.18	17.12	17.21	18.3	0.0
40	64QAM	1	1	17.17	17.22	17.30	18.3	0.0
40	256QAM	1	1	17.06	17.11	17.07	18.3	0.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	18.3	0.0
30	PI/2 BPSK	1	1	17.17	17.29	17.21		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	18.3	0.0
20	PI/2 BPSK	1	1	17.14	17.13	17.20		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	18.3	0.0
15	PI/2 BPSK	1	1	17.17	17.13	17.19		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	18.3	0.0
10	PI/2 BPSK	1	1	17.25	17.22	17.05		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	18.3	0.0
5	PI/2 BPSK	1	1	17.08	17.16	17.19		

n66_ANT 0(DSI 6 standalone&DSI 6_Sim-Tx)								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				346000	349000	352000	22.5	0.0
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.49	21.56	21.42		
40	PI/2 BPSK	1	108	21.41	21.52	21.30	22.5	0.0
40	PI/2 BPSK	1	214	21.39	21.34	21.29		
40	PI/2 BPSK	108	0	21.34	21.32	21.29		
40	PI/2 BPSK	108	54	21.45	21.52	21.40	22.5	0.0
40	PI/2 BPSK	108	108	21.37	21.48	21.33	22.5	0.0
40	PI/2 BPSK	216	0	21.38	21.48	21.40		
40	QPSK	1	1	21.10	21.37	21.26		
40	QPSK	1	108	21.35	21.45	21.42	22.5	0.0
40	QPSK	1	214	21.42	21.28	21.27		
40	QPSK	108	0	21.43	21.34	21.25		
40	QPSK	108	54	21.25	21.45	21.19	22.5	0.0
40	QPSK	108	108	21.26	21.31	21.46	22.5	0.0
40	QPSK	216	0	21.35	21.43	21.38		
40	16QAM	1	1	21.13	21.23	21.24	22.5	0.0
40	64QAM	1	1	20.75	20.85	20.97	21.5	1.0
40	256QAM	1	1	18.81	18.87	18.84	19.5	3.0
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1725	1745	1765	22.5	0.0
30	PI/2 BPSK	1	1	21.27	21.41	21.29		
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770	22.5	0.0
20	PI/2 BPSK	1	1	21.52	21.49	21.45		
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5	22.5	0.0
15	PI/2 BPSK	1	1	21.40	21.46	21.43		
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775	22.5	0.0
10	PI/2 BPSK	1	1	21.49	21.52	21.50		
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5	22.5	0.0
5	PI/2 BPSK	1	1	21.45	21.38	21.45		

n2_ANT 1(DSI 2 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	17.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	16.53	16.50	16.38			
20	PI/2 BPSK	1	53	16.35	16.26	16.31			
20	PI/2 BPSK	1	104	16.36	16.31	16.26	17.5	0.0	
20	PI/2 BPSK	50	0	16.37	16.26	16.26			
20	PI/2 BPSK	50	28	16.48	16.34	16.30			
20	PI/2 BPSK	50	56	16.28	16.23	16.25		17.5	0.0
20	PI/2 BPSK	100	0	16.52	16.43	16.37			
20	QPSK	1	1	16.36	16.37	16.35			
20	QPSK	1	53	16.29	16.31	16.39			
20	QPSK	1	104	16.38	16.37	16.33			
20	QPSK	50	0	16.33	16.28	16.26	17.5	0.0	
20	QPSK	50	28	16.38	16.27	16.25	17.5	0.0	
20	QPSK	50	56	16.35	16.23	16.22	17.5	0.0	
20	QPSK	100	0	16.46	16.45	16.42			
20	16QAM	1	1	16.44	16.35	16.38	17.5	0.0	
20	64QAM	1	1	16.36	16.29	16.29	17.5	0.0	
20	256QAM	1	1	16.40	16.35	16.35	17.5	0.0	
Channel				371500	376000	380500	Tune-up limit	MPR	
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)	
15	PI/2 BPSK	1	1	16.29	16.27	16.24	17.5	0.0	
Channel				371000	376000	381000	Tune-up limit	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	PI/2 BPSK	1	1	16.47	16.41	16.32	17.5	0.0	
Channel				370500	376000	381500	Tune-up limit	MPR	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)	
5	PI/2 BPSK	1	1	16.33	16.38	16.30	17.5	0.0	

n2_ANT 1(DSI 2_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				372000	376000	380000	16.5	0.0	
Frequency (MHz)				1860	1880	1900			
20	PI/2 BPSK	1	1	15.60	15.43	15.40			
20	PI/2 BPSK	1	53	15.30	15.27	15.21			
20	PI/2 BPSK	1	104	15.28	15.27	15.27	16.5	0.0	
20	PI/2 BPSK	50	0	15.37	15.27	15.24			
20	PI/2 BPSK	50	28	15.55	15.36	15.34			
20	PI/2 BPSK	50	56	15.32	15.22	15.25		16.5	0.0
20	PI/2 BPSK	100	0	15.50	15.43	15.40			
20	QPSK	1	1	15.32	15.36	15.30			
20	QPSK	1	53	15.36	15.29	15.39			
20	QPSK	1	104	15.38	15.32	15.39			
20	QPSK	50	0	15.33	15.32	15.25	16.5	0.0	
20	QPSK	50	28	15.33	15.32	15.28	16.5	0.0	
20	QPSK	50	56	15.36	15.26	15.23	16.5	0.0	
20	QPSK	100	0	15.53	15.48	15.47			
20	16QAM	1	1	15.55	15.30	15.37	16.5	0.0	
20	64QAM	1	1	15.50	15.33	15.27	16.5	0.0	
20	256QAM	1	1	15.46	15.37	15.37	16.5	0.0	
Channel				371500	376000	380500	Tune-up limit	MPR	
Frequency (MHz)				1857.5	1880	1902.5	(dBm)	(dB)	
15	PI/2 BPSK	1	1	15.33	15.31	15.16	16.5	0.0	
Channel				371000	376000	381000	Tune-up limit	MPR	
Frequency (MHz)				1855	1880	1905	(dBm)	(dB)	
10	PI/2 BPSK	1	1	15.40	15.36	15.33	16.5	0.0	
Channel				370500	376000	381500	Tune-up limit	MPR	
Frequency (MHz)				1852.5	1880	1907.5	(dBm)	(dB)	
5	PI/2 BPSK	1	1	15.27	15.36	15.23	16.5	0.0	

n2_ANT 1(DSI 3 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900	21.0	0.0	
Frequency (MHz)				20.35	20.24	20.19			
20	PI/2 BPSK	1	1	20.28	20.15	20.18			
20	PI/2 BPSK	1	53	20.20	20.18	20.17	21.0	0.0	
20	PI/2 BPSK	1	104	20.22	20.15	20.15			
20	PI/2 BPSK	50	0	20.25	20.20	20.17			
20	PI/2 BPSK	50	28	20.24	20.18	20.10	21.0	0.0	
20	PI/2 BPSK	100	0	20.16	20.14	20.09			
20	QPSK	1	1	20.33	20.31	20.25			
20	QPSK	1	53	20.34	20.24	20.24	21.0	0.0	
20	QPSK	1	104	20.34	20.31	20.23			
20	QPSK	50	0	20.28	20.17	20.20			
20	QPSK	50	28	20.28	20.15	20.13	21.0	0.0	
20	QPSK	50	56	20.22	20.18	20.14			
20	QPSK	100	0	20.17	20.30	20.20			
20	16QAM	1	1	20.32	20.24	20.26	21.0	0.0	
20	64QAM	1	1	20.27	20.20	20.18			
20	256QAM	1	1	19.25	19.13	19.21			
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	21.0	0.0	
15	PI/2 BPSK	1	1	20.19	20.12	20.14			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	21.0	0.0	
10	PI/2 BPSK	1	1	20.05	20.13	20.15			
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	21.0	0.0	
5	PI/2 BPSK	1	1	20.28	20.19	20.09			

n2_ANT 1(DSI 3_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900	17.8	0.0	
Frequency (MHz)				16.99	16.84	16.88			
20	PI/2 BPSK	1	1	16.86	16.75	16.74			
20	PI/2 BPSK	1	104	16.83	16.77	16.85	17.8	0.0	
20	PI/2 BPSK	50	0	16.86	16.73	16.76			
20	PI/2 BPSK	50	28	16.92	16.82	16.80			
20	PI/2 BPSK	50	56	16.77	16.68	16.72	17.8	0.0	
20	PI/2 BPSK	100	0	16.92	16.87	16.82			
20	QPSK	1	1	16.86	16.82	16.86			
20	QPSK	1	53	16.80	16.78	16.83	17.8	0.0	
20	QPSK	1	104	16.89	16.88	16.87			
20	QPSK	50	0	16.82	16.79	16.79			
20	QPSK	50	28	16.84	16.77	16.74	17.8	0.0	
20	QPSK	50	56	16.83	16.77	16.79			
20	QPSK	100	0	16.83	16.92	16.80			
20	16QAM	1	1	16.84	16.80	16.89	17.8	0.0	
20	64QAM	1	1	16.95	16.76	16.82			
20	256QAM	1	1	16.80	16.74	16.73			
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	17.8	0.0	
15	PI/2 BPSK	1	1	16.76	16.75	16.66			
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905	17.8	0.0	
10	PI/2 BPSK	1	1	16.75	16.71	16.64			
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5	17.8	0.0	
5	PI/2 BPSK	1	1	16.81	16.91	16.80			

n2_ANT 1(DSI 6_standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900	22.7	0.0	
Frequency (MHz)				21.63	21.54	21.48			
20	PI/2 BPSK	1	1	21.51	21.37	21.42			
20	PI/2 BPSK	1	53	21.48	21.47	21.40	22.7	0.0	
20	PI/2 BPSK	1	104	21.51	21.38	21.43			
20	PI/2 BPSK	50	0	21.55	21.47	21.46			
20	PI/2 BPSK	50	28	21.48	21.30	21.42	22.7	0.0	
20	PI/2 BPSK	50	56	21.54	21.42	21.38			
20	PI/2 BPSK	100	0	21.53	21.42	21.40			
20	QPSK	1	1	21.52	21.41	21.46	22.7	0.0	
20	QPSK	1	53	21.44	21.45	21.47			
20	QPSK	1	104	21.52	21.38	21.37			
20	QPSK	50	0	21.51	21.40	21.35	22.7	0.0	
20	QPSK	50	28	21.42	21.33	21.46			
20	QPSK	50	56	21.61	21.46	21.43			
20	QPSK	100	0	21.29	21.45	21.47	22.7	0.0	
20	16QAM	1	1	20.79	20.69	20.67			
20	64QAM	1	1	19.00	18.94	18.93			
20	256QAM	1	1	371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Channel				1857.5	1880	1902.5	22.7	0.0	
Frequency (MHz)				21.44	21.39	21.36			
15	PI/2 BPSK	1	1	371000	376000	381000		MPR (dB)	
Channel				1855	1880	1905	22.7	0.0	
Frequency (MHz)				21.58	21.57	21.55			
10	PI/2 BPSK	1	1	370500	376000	381500		MPR (dB)	
Channel				1852.5	1880	1907.5	22.7	0.0	
Frequency (MHz)				21.55	21.60	21.51			
5	PI/2 BPSK	1	1						

n2_ANT 1(DSI 6_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1860	1880	1900	21.7	0.0	
Frequency (MHz)				20.85	20.77	20.70			
20	PI/2 BPSK	1	1	20.73	20.60	20.66			
20	PI/2 BPSK	1	53	20.70	20.70	20.50	21.7	0.0	
20	PI/2 BPSK	50	0	20.73	20.61	20.50			
20	PI/2 BPSK	50	28	20.78	20.70	20.63			
20	PI/2 BPSK	50	56	20.70	20.53	20.59	21.7	0.0	
20	PI/2 BPSK	100	0	20.76	20.71	20.75			
20	QPSK	1	1	20.75	20.65	20.67			
20	QPSK	1	53	20.74	20.64	20.73	21.7	0.0	
20	QPSK	1	104	20.66	20.68	20.74			
20	QPSK	50	0	20.74	20.61	20.64			
20	QPSK	50	28	20.73	20.63	20.62	21.7	0.0	
20	QPSK	50	56	20.64	20.56	20.73			
20	QPSK	100	0	20.83	20.69	20.70			
20	16QAM	1	1	20.82	20.68	20.74	21.7	0.0	
20	64QAM	1	1	20.79	20.66	20.67			
20	256QAM	1	1	18.92	18.88	18.93			
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5	21.7	0.0	
15	PI/2 BPSK	1	1	371000	376000	381000		MPR (dB)	
Channel				1855	1880	1905			
Frequency (MHz)				20.84	20.77	20.82	21.7	0.0	
10	PI/2 BPSK	1	1	370500	376000	381500		MPR (dB)	
Channel				1852.5	1880	1907.5			
Frequency (MHz)				20.82	20.60	20.83		21.7	
5	PI/2 BPSK	1	1						

n5_ANT 1(DSI 2 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	22.8	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	21.94	21.98	21.90			
20	PI/2 BPSK	1	53	21.85	21.82	21.82			
20	PI/2 BPSK	1	104	21.72	21.74	21.69	22.8	0.0	
20	PI/2 BPSK	50	0	21.83	21.85	21.76			
20	PI/2 BPSK	50	28	21.86	21.88	21.82			
20	PI/2 BPSK	50	56	21.78	21.75	21.77			
20	PI/2 BPSK	100	0	21.80	21.86	21.76	22.8	0.0	
20	QPSK	1	1	21.93	21.96	21.94			
20	QPSK	1	53	21.88	21.84	21.81			
20	QPSK	1	104	21.73	21.74	21.66			
20	QPSK	50	0	21.92	21.94	21.90	22.8	0.0	
20	QPSK	50	28	21.88	21.86	21.85	22.8	0.0	
20	QPSK	50	56	21.78	21.77	21.73	22.8	0.0	
20	QPSK	100	0	21.89	21.89	21.91			
20	16QAM	1	1	21.93	21.97	21.92			
20	64QAM	1	1	21.14	21.10	21.15			
20	256QAM	1	1	18.75	18.72	18.67	19.8	3.0	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	PI/2 BPSK	1	1	21.85	21.79	21.80	22.8	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	PI/2 BPSK	1	1	21.70	21.72	21.69	22.8	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	PI/2 BPSK	1	1	21.69	21.75	21.78	22.8	0.0	

n5_ANT 1(DSI 2_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	21.8	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	21.19	21.20	21.18			
20	PI/2 BPSK	1	53	20.86	20.83	20.92			
20	PI/2 BPSK	1	104	20.74	20.75	20.77	21.8	0.0	
20	PI/2 BPSK	50	0	20.94	20.93	20.90			
20	PI/2 BPSK	50	28	20.96	21.02	20.92			
20	PI/2 BPSK	50	56	20.83	20.80	20.85			
20	PI/2 BPSK	100	0	20.88	20.95	20.85	21.8	0.0	
20	QPSK	1	1	20.81	20.85	20.79			
20	QPSK	1	53	20.72	20.71	20.70			
20	QPSK	1	104	20.62	20.58	20.55			
20	QPSK	50	0	20.81	20.82	20.74	21.8	0.0	
20	QPSK	50	28	20.74	20.69	20.69	21.8	0.0	
20	QPSK	50	56	20.65	20.67	20.60	21.8	0.0	
20	QPSK	100	0	20.70	20.78	20.75			
20	16QAM	1	1	20.88	20.89	20.95			
20	64QAM	1	1	20.84	20.93	20.91			
20	256QAM	1	1	18.65	18.62	18.58	19.8	2.0	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	PI/2 BPSK	1	1	20.98	21.05	21.02	21.8	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	PI/2 BPSK	1	1	21.05	21.10	20.99	21.8	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	PI/2 BPSK	1	1	20.98	21.08	21.12	21.8	0.0	

n66_ANT 1(DSI 2 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	16.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	15.52	15.63	15.45			
40	PI/2 BPSK	1	108	15.41	15.57	15.38			
40	PI/2 BPSK	1	214	15.45	15.41	15.14	16.5	0.0	
40	PI/2 BPSK	108	0	15.29	15.33	15.34			
40	PI/2 BPSK	108	54	15.45	15.52	15.43			
40	PI/2 BPSK	108	108	15.37	15.45	15.36			
40	PI/2 BPSK	216	0	15.37	15.46	15.31	16.5	0.0	
40	QPSK	1	1	15.55	15.17	15.52			
40	QPSK	1	108	15.53	15.44	15.47			
40	QPSK	1	214	15.52	15.24	15.33			
40	QPSK	108	0	15.27	15.35	15.38	16.5	0.0	
40	QPSK	108	54	15.39	15.38	15.31	16.5	0.0	
40	QPSK	108	108	15.51	15.44	15.40	16.5	0.0	
40	QPSK	216	0	15.46	15.42	15.41	16.5	0.0	
40	16QAM	1	1	15.37	15.18	15.49	16.5	0.0	
40	64QAM	1	1	15.14	15.25	15.22	16.5	0.0	
40	256QAM	1	1	15.22	15.03	15.28	16.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	16.5	0.0	
30	PI/2 BPSK	1	1	15.55	15.58	15.51			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	16.5	0.0	
20	PI/2 BPSK	1	1	15.48	15.52	15.31			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	16.5	0.0	
15	PI/2 BPSK	1	1	15.51	15.59	15.42			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	16.5	0.0	
10	PI/2 BPSK	1	1	15.48	15.60	15.44			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	16.5	0.0	
5	PI/2 BPSK	1	1	15.50	15.55	15.54			

n66_ANT 1(DSI 2_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	15.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	14.51	14.54	14.41			
40	PI/2 BPSK	1	108	14.39	14.53	14.34			
40	PI/2 BPSK	1	214	14.42	14.34	14.09			
40	PI/2 BPSK	108	0	14.27	14.27	14.30			
40	PI/2 BPSK	108	54	14.36	14.44	14.32			
40	PI/2 BPSK	108	108	14.29	14.35	14.26			
40	PI/2 BPSK	216	0	14.36	14.39	14.22	15.5	0.0	
40	QPSK	1	1	14.49	14.15	14.47	15.5	0.0	
40	QPSK	1	108	14.51	14.35	14.45			
40	QPSK	1	214	14.49	14.24	14.24			
40	QPSK	108	0	14.26	14.30	14.29			
40	QPSK	108	54	14.38	14.38	14.27			
40	QPSK	108	108	14.44	14.36	14.32			
40	QPSK	216	0	14.44	14.33	14.38			
40	16QAM	1	1	14.34	14.17	14.52			
40	64QAM	1	1	14.06	14.26	14.40	15.5	0.0	
40	256QAM	1	1	14.19	14.07	14.43	15.5	0.0	
Channel				345000	349000	353000	Tune-up limit	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	PI/2 BPSK	1	1	14.50	14.34	14.43	15.5	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	PI/2 BPSK	1	1	14.43	14.47	14.24	15.5	0.0	
Channel				343500	349000	354500	Tune-up limit	MPR	
Frequency (MHz)				1717.5	1745	1772.5	(dBm)	(dB)	
15	PI/2 BPSK	1	1	14.48	14.50	14.40	15.5	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	PI/2 BPSK	1	1	14.47	14.40	14.34	15.5	0.0	
Channel				342500	349000	355500	Tune-up limit	MPR	
Frequency (MHz)				1712.5	1745	1777.5	(dBm)	(dB)	
5	PI/2 BPSK	1	1	14.43	14.53	14.48	15.5	0.0	

n66_ANT 1(DSI 3 standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	19.3	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	18.61	18.72	18.59			
40	PI/2 BPSK	1	108	18.58	18.69	18.58	19.3	0.0	
40	PI/2 BPSK	1	214	18.53	18.59	18.27			
40	PI/2 BPSK	108	0	18.44	18.53	18.45			
40	PI/2 BPSK	108	54	18.53	18.64	18.48	19.3	0.0	
40	PI/2 BPSK	108	108	18.40	18.52	18.38	19.3	0.0	
40	PI/2 BPSK	216	0	18.48	18.65	18.50			
40	QPSK	1	1	18.67	18.34	18.58			
40	QPSK	1	108	18.67	18.61	18.52	19.3	0.0	
40	QPSK	1	214	18.67	18.41	18.51			
40	QPSK	108	0	18.44	18.52	18.51			
40	QPSK	108	54	18.55	18.55	18.48	19.3	0.0	
40	QPSK	108	108	18.64	18.55	18.57	19.3	0.0	
40	QPSK	216	0	18.57	18.54	18.58			
40	16QAM	1	1	18.54	18.35	18.56	19.3	0.0	
40	64QAM	1	1	18.29	18.37	18.34	19.3	0.0	
40	256QAM	1	1	18.37	18.07	18.44	19.3	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	19.3	0.0	
30	PI/2 BPSK	1	1	18.61	18.67	18.59			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	19.3	0.0	
20	PI/2 BPSK	1	1	18.54	18.66	18.36			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	19.3	0.0	
15	PI/2 BPSK	1	1	18.65	18.69	18.53			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	19.3	0.0	
10	PI/2 BPSK	1	1	18.58	18.67	18.55			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	19.3	0.0	
5	PI/2 BPSK	1	1	18.62	18.60	18.65			

n66_ANT 1(DSI 3_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				346000	349000	352000	16.5	0.0	
Frequency (MHz)				1730	1745	1760			
40	PI/2 BPSK	1	1	15.52	15.63	15.45			
40	PI/2 BPSK	1	108	15.41	15.57	15.38	16.5	0.0	
40	PI/2 BPSK	1	214	15.45	15.41	15.14			
40	PI/2 BPSK	108	0	15.29	15.33	15.34			
40	PI/2 BPSK	108	54	15.45	15.52	15.43	16.5	0.0	
40	PI/2 BPSK	108	108	15.37	15.45	15.36	16.5	0.0	
40	PI/2 BPSK	216	0	15.37	15.46	15.31			
40	QPSK	1	1	15.55	15.17	15.52			
40	QPSK	1	108	15.53	15.44	15.47	16.5	0.0	
40	QPSK	1	214	15.52	15.24	15.33			
40	QPSK	108	0	15.27	15.35	15.38			
40	QPSK	108	54	15.39	15.38	15.31	16.5	0.0	
40	QPSK	108	108	15.51	15.44	15.40	16.5	0.0	
40	QPSK	216	0	15.46	15.42	15.41			
40	16QAM	1	1	15.37	15.18	15.49	16.5	0.0	
40	64QAM	1	1	15.14	15.25	15.22	16.5	0.0	
40	256QAM	1	1	15.22	15.03	15.28	16.5	0.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	16.5	0.0	
30	PI/2 BPSK	1	1	15.55	15.58	15.51			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	16.5	0.0	
20	PI/2 BPSK	1	1	15.48	15.52	15.31			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	16.5	0.0	
15	PI/2 BPSK	1	1	15.51	15.59	15.42			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	16.5	0.0	
10	PI/2 BPSK	1	1	15.48	15.60	15.44			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	16.5	0.0	
5	PI/2 BPSK	1	1	15.50	15.55	15.54			

n66_ANT 1(DSI_6_standalone)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				1730	1745	1760	23.0	0.0	
Frequency (MHz)				21.88	21.96	21.86			
40	PI/2 BPSK	1	1	21.88	21.96	21.86			
40	PI/2 BPSK	1	108	21.74	21.95	21.84			
40	PI/2 BPSK	1	214	21.77	21.80	21.68	23.0	0.0	
40	PI/2 BPSK	108	0	21.81	21.75	21.77			
40	PI/2 BPSK	108	54	21.84	21.94	21.82			
40	PI/2 BPSK	108	108	21.75	21.90	21.73			
40	PI/2 BPSK	216	0	21.81	21.88	21.78	23.0	0.0	
40	QPSK	1	1	21.74	21.80	21.92			
40	QPSK	1	108	21.78	21.87	21.81			
40	QPSK	1	214	21.84	21.79	21.73			
40	QPSK	108	0	21.16	21.17	21.29	22.5	0.5	
40	QPSK	108	54	21.75	21.75	21.71	23.0	0.0	
40	QPSK	108	108	21.41	21.32	21.29	22.5	0.5	
40	QPSK	216	0	21.27	21.33	21.20			
40	16QAM	1	1	21.74	21.79	21.94	23.0	0.0	
40	64QAM	1	1	20.91	21.01	21.13	22.0	1.0	
40	256QAM	1	1	18.80	18.86	19.00	20.0	3.0	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	23.0	0.0	
30	PI/2 BPSK	1	1	21.78	21.86	21.66			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	23.0	0.0	
20	PI/2 BPSK	1	1	21.83	21.82	21.76			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	23.0	0.0	
15	PI/2 BPSK	1	1	21.85	21.95	21.82			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	23.0	0.0	
10	PI/2 BPSK	1	1	21.85	21.93	21.84			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	23.0	0.0	
5	PI/2 BPSK	1	1	21.87	21.91	21.82			

n66_ANT 1(DSI 6_Sim-Tx)									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				1730	1745	1760	21.8	0.0	
Frequency (MHz)				20.91	20.93	20.87			
40	PI/2 BPSK	1	1	20.91	20.93	20.87			
40	PI/2 BPSK	1	108	20.76	20.87	20.85			
40	PI/2 BPSK	1	214	20.78	20.84	20.70	21.8	0.0	
40	PI/2 BPSK	108	0	20.83	20.88	20.77			
40	PI/2 BPSK	108	54	20.86	20.90	20.85			
40	PI/2 BPSK	108	108	20.76	20.86	20.72			
40	PI/2 BPSK	216	0	20.77	20.85	20.81	21.8	0.0	
40	QPSK	1	1	20.71	20.80	20.92			
40	QPSK	1	108	20.83	20.83	20.79			
40	QPSK	1	214	20.80	20.80	20.75			
40	QPSK	108	0	20.18	20.16	20.31	21.8	0.0	
40	QPSK	108	54	20.79	20.78	20.72	21.8	0.0	
40	QPSK	108	108	20.40	20.35	20.26	21.8	0.0	
40	QPSK	216	0	20.24	20.28	20.22			
40	16QAM	1	1	20.74	20.81	20.83	21.8	0.0	
40	64QAM	1	1	20.85	20.85	20.86	21.8	0.0	
40	256QAM	1	1	18.34	18.39	18.50	19.3	2.5	
Channel				345000	349000	353000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1725	1745	1765	21.8	0.0	
30	PI/2 BPSK	1	1	20.83	20.91	20.80			
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770	21.8	0.0	
20	PI/2 BPSK	1	1	20.86	20.88	20.85			
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	21.8	0.0	
15	PI/2 BPSK	1	1	20.90	20.92	20.82			
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775	21.8	0.0	
10	PI/2 BPSK	1	1	20.88	20.90	20.85			
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5	21.8	0.0	
5	PI/2 BPSK	1	1	20.86	20.91	20.82			

n77_FCC(DSI 2_standalone)(Part270)-Ant 3 PC3/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				650000	656000	662000	21.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	20.40	20.57	20.26			
100	PI/2 BPSK	1	137	20.25	20.40	20.19			
100	PI/2 BPSK	1	271	20.10	20.27	20.17	21.5	0.0	
100	PI/2 BPSK	135	0	20.31	20.36	20.24			
100	PI/2 BPSK	135	69	20.35	20.38	20.30			
100	PI/2 BPSK	135	138	20.18	20.33	20.09			
100	PI/2 BPSK	270	0	20.22	20.30	20.19	21.5	0.0	
100	QPSK	1	1	20.37	20.32	20.26			
100	QPSK	1	137	20.28	20.23	20.14			
100	QPSK	1	271	20.20	20.29	19.96			
100	QPSK	135	0	20.34	20.36	20.23	21.5	0.0	
100	QPSK	135	69	20.36	20.33	20.19			
100	QPSK	135	138	20.23	20.29	20.11			
100	QPSK	270	0	20.31	20.34	20.12			
100	16QAM	1	1	20.33	20.28	20.07	21.5	0.0	
100	64QAM	1	1	20.18	20.20	20.08	21.5	0.0	
100	256QAM	1	1	19.69	19.73	19.62	20.0	1.5	
Channel				649668	656000	662332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)	
90	PI/2 BPSK	1	1	20.42	20.48	20.50	21.5	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	PI/2 BPSK	1	1	20.41	20.52	20.55	21.5	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	PI/2 BPSK	1	1	20.46	20.51	20.53	21.5	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	PI/2 BPSK	1	1	20.42	20.50	20.47	21.5	0.0	
Channel				648334	656000	663666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)	
50	PI/2 BPSK	1	1	20.48	20.51	20.50	21.5	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	PI/2 BPSK	1	1	20.42	20.47	20.55	21.5	0.0	
Channel				647668	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	PI/2 BPSK	1	1	20.52	20.53	20.48	21.5	0.0	
Channel				647334	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	PI/2 BPSK	1	1	20.50	20.41	20.44	21.5	0.0	

n77_FCC(Part270)-Ant 3(DSI 2_Sim-Tx)PC3/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				650000	656000	662000	20.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.97	19.03	18.94			
100	PI/2 BPSK	1	137	18.91	18.90	18.70			
100	PI/2 BPSK	1	271	18.75	18.94	18.66	20.0	0.0	
100	PI/2 BPSK	135	0	18.75	18.93	18.75			
100	PI/2 BPSK	135	69	18.86	18.96	18.79			
100	PI/2 BPSK	135	138	18.79	18.90	18.77			
100	PI/2 BPSK	270	0	18.95	19.00	18.91	20.0	0.0	
100	QPSK	1	1	18.92	19.01	18.87			
100	QPSK	1	137	19.03	18.98	18.88			
100	QPSK	1	271	18.89	18.93	18.91			
100	QPSK	135	0	18.92	19.00	18.88	20.0	0.0	
100	QPSK	135	69	18.93	18.97	18.88			
100	QPSK	135	138	18.79	18.91	18.76			
100	QPSK	270	0	18.83	19.01	18.84			
100	16QAM	1	1	18.92	18.97	18.88	20.0	0.0	
100	64QAM	1	1	18.81	18.95	18.76	20.0	0.0	
100	256QAM	1	1	18.65	18.85	18.70	20.0	0.0	
Channel				649668	656000	662332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)	
90	PI/2 BPSK	1	1	18.92	18.98	18.98	20.0	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	PI/2 BPSK	1	1	18.81	19.00	19.00	20.0	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	PI/2 BPSK	1	1	18.98	19.01	18.97	20.0	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	PI/2 BPSK	1	1	18.80	18.98	18.86	20.0	0.0	
Channel				648334	656000	663666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)	
50	PI/2 BPSK	1	1	18.97	18.99	18.98	20.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	PI/2 BPSK	1	1	18.76	18.98	18.99	20.0	0.0	
Channel				647668	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	PI/2 BPSK	1	1	18.84	18.95	18.96	20.0	0.0	
Channel				647334	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	PI/2 BPSK	1	1	18.96	19.00	18.99	20.0	0.0	

n77_FCC(DSI 2_standalone)(Part27Q)-Ant 3 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel					633334				
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		20.46		21.5	0.0	
100	PI/2 BPSK	1	137		20.25				
100	PI/2 BPSK	1	271		20.30				
100	PI/2 BPSK	135	0		20.28		21.5	0.0	
100	PI/2 BPSK	135	69		20.30		21.5	0.0	
100	PI/2 BPSK	135	138		20.10		21.5	0.0	
100	PI/2 BPSK	270	0		20.30				
100	QPSK	1	1		20.29		21.5	0.0	
100	QPSK	1	137		20.25				
100	QPSK	1	271		20.25				
100	QPSK	135	0		20.20		21.5	0.0	
100	QPSK	135	69		20.17				
100	QPSK	135	138		20.07				
100	QPSK	270	0		20.24		21.5	0.0	
100	16QAM	1	1		20.23		21.5	0.0	
100	64QAM	1	1		20.21		21.5	0.0	
100	256QAM	1	1		19.67		20.0	1.5	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1	20.42	20.45	20.40	21.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1	20.32	20.41	20.38	21.5	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1	20.26	20.38	20.40	21.5	0.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1	20.39	20.35	20.37	21.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1	20.41	20.38	20.40	21.5	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1	20.35	20.38	20.42	21.5	0.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	20.37	20.40	20.41	21.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1	20.21	20.38	20.43	21.5	0.0	

n77_FCC(DSI 2_Sim-Tx)(Part27Q)-Ant 3 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			20.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		18.92		20.0	0.0	
100	PI/2 BPSK	1	137		18.78				
100	PI/2 BPSK	1	271		18.84				
100	PI/2 BPSK	135	0		18.89		20.0	0.0	
100	PI/2 BPSK	135	69		18.90		20.0	0.0	
100	PI/2 BPSK	135	138		18.59		20.0	0.0	
100	PI/2 BPSK	270	0		18.62				
100	QPSK	1	1		18.85				
100	QPSK	1	137		18.78		20.0	0.0	
100	QPSK	1	271		18.79				
100	QPSK	135	0		18.83				
100	QPSK	135	69		18.65		20.0	0.0	
100	QPSK	135	138		18.58				
100	QPSK	270	0		18.79				
100	16QAM	1	1		18.86		20.0	0.0	
100	64QAM	1	1		18.87		20.0	0.0	
100	256QAM	1	1		18.66		20.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1	18.88	18.90	18.85	20.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1	18.82	18.78	18.76	20.0	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1	18.89	18.86	18.75	20.0	0.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1	18.77	18.78	18.73	20.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1	18.73	18.68	18.69	20.0	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1	18.85	18.66	18.61	20.0	0.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	18.83	18.79	18.69	20.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1	18.78	18.83	18.81	20.0	0.0	

n77_FCC(DSI 3 standalone)(Part270)-Ant 3 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3840	3930	16.8	0.0	
Frequency (MHz)				15.82	16.05	15.77			
100	PI/2 BPSK	1	1	15.80	15.92	15.66			
100	PI/2 BPSK	1	137	15.68	15.85	15.56			
100	PI/2 BPSK	1	271	15.68	15.85	15.56	16.8	0.0	
100	PI/2 BPSK	135	0	15.68	15.82	15.68			
100	PI/2 BPSK	135	69	15.77	15.90	15.78			
100	PI/2 BPSK	135	138	15.63	15.85	15.69			
100	PI/2 BPSK	270	0	15.78	15.79	15.70	16.8	0.0	
100	QPSK	1	1	15.75	15.73	15.72			
100	QPSK	1	137	15.92	15.76	15.63			
100	QPSK	1	271	15.72	15.75	15.54			
100	QPSK	135	0	15.67	15.85	15.68	16.8	0.0	
100	QPSK	135	69	15.67	15.82	15.71			
100	QPSK	135	138	15.70	15.85	15.61			
100	QPSK	270	0	15.70	15.86	15.59			
100	16QAM	1	1	15.80	15.91	15.72	16.8	0.0	
100	64QAM	1	1	15.63	15.73	15.58	16.8	0.0	
100	256QAM	1	1	15.59	15.83	15.70	16.8	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98	16.8	0.0	
90	PI/2 BPSK	1	1	15.78	15.69	15.71			
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99	16.8	0.0	
80	PI/2 BPSK	1	1	15.75	15.82	15.88			
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	16.8	0.0	
70	PI/2 BPSK	1	1	15.69	15.78	15.92			
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	16.8	0.0	
60	PI/2 BPSK	1	1	15.72	15.80	15.89			
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99	16.8	0.0	
50	PI/2 BPSK	1	1	15.70	15.98	15.91			
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	16.8	0.0	
40	PI/2 BPSK	1	1	15.64	15.72	15.83			
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	16.8	0.0	
30	PI/2 BPSK	1	1	15.71	15.63	15.58			
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	16.8	0.0	
20	PI/2 BPSK	1	1	15.88	15.96	15.93			

n77_FCC(Part270)-Ant 3(DSI 3_Sim-Tx)PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				3750	3840	3930	12.10	13.0	
Frequency (MHz)				12.12	12.16	12.10			
100	PI/2 BPSK	1	1	12.11	12.05	11.88			
100	PI/2 BPSK	1	137	11.93	11.98	11.91			
100	PI/2 BPSK	1	271	12.02	12.10	11.91	12.02	13.0	
100	PI/2 BPSK	135	0	12.07	12.13	12.02			
100	PI/2 BPSK	135	69	12.05	12.02	11.90			
100	PI/2 BPSK	135	138	12.07	12.09	11.97			
100	QPSK	1	1	12.01	12.05	12.00	12.05	13.0	
100	QPSK	1	137	12.08	12.05	11.93			
100	QPSK	1	271	11.91	12.05	11.74			
100	QPSK	135	0	11.95	12.11	11.93			
100	QPSK	135	69	11.94	12.06	11.96	11.86	13.0	
100	QPSK	135	138	11.97	12.05	11.87			
100	QPSK	270	0	11.94	12.05	11.86			
100	16QAM	1	1	12.01	12.07	11.91			
100	64QAM	1	1	12.12	12.14	12.11	13.0	0.0	
100	256QAM	1	1	11.85	11.88	11.82	13.0	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98	12.10	13.0	
90	PI/2 BPSK	1	1	12.03	12.10	12.11			
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99	12.05	13.0	
80	PI/2 BPSK	1	1	11.96	12.05	12.07			
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	12.13	13.0	
70	PI/2 BPSK	1	1	12.03	12.13	12.11			
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	12.11	13.0	
60	PI/2 BPSK	1	1	11.99	12.11	11.96			
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99	12.12	13.0	
50	PI/2 BPSK	1	1	12.05	12.12	12.07			
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	12.07	13.0	
40	PI/2 BPSK	1	1	12.01	12.07	12.08			
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	12.12	13.0	
30	PI/2 BPSK	1	1	12.06	12.12	12.10			
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	12.09	13.0	
20	PI/2 BPSK	1	1	12.03	12.09	12.08			

n77_FCC(DSI 3 standalone)(Part27Q)-Ant 3 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		15.96				
100	PI/2 BPSK	1	137		15.71		16.8	0.0	
100	PI/2 BPSK	1	271		15.75				
100	PI/2 BPSK	135	0		15.77		16.8	0.0	
100	PI/2 BPSK	135	69		15.80		16.8	0.0	
100	PI/2 BPSK	135	138		15.52		16.8	0.0	
100	PI/2 BPSK	270	0		15.72				
100	QPSK	1	1		15.76				
100	QPSK	1	137		15.74		16.8	0.0	
100	QPSK	1	271		15.69				
100	QPSK	135	0		15.63				
100	QPSK	135	69		15.63		16.8	0.0	
100	QPSK	135	138		15.56				
100	QPSK	270	0		15.74		16.8	0.0	
100	16QAM	1	1		15.73		16.8	0.0	
100	64QAM	1	1		15.68		16.8	0.0	
100	256QAM	1	1		15.67		16.8	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		15.88	15.79	15.62	16.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1		15.85	15.74	15.93	16.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1		15.67	15.92	15.81	16.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1		15.82	15.68	15.74	16.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1		15.89	15.90	15.71	16.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1		15.88	15.72	15.64	16.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1		15.67	15.58	15.83	16.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1		15.62	15.49	15.92	16.8	0.0

n77_FCC(Part27Q)-Ant 3(DSI 3_Sim-Tx)PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		12.00				
100	PI/2 BPSK	1	137		11.91		13.0	0.0	
100	PI/2 BPSK	1	271		11.98				
100	PI/2 BPSK	135	0		11.96		13.0	0.0	
100	PI/2 BPSK	135	69		11.98		13.0	0.0	
100	PI/2 BPSK	135	138		11.94		13.0	0.0	
100	PI/2 BPSK	270	0		11.95				
100	QPSK	1	1		11.99		13.0	0.0	
100	QPSK	1	137		11.97				
100	QPSK	1	271		11.96				
100	QPSK	135	0		11.95				
100	QPSK	135	69		11.98		13.0	0.0	
100	QPSK	135	138		11.95				
100	QPSK	270	0		11.99		13.0	0.0	
100	16QAM	1	1		11.88		13.0	0.0	
100	64QAM	1	1		11.97		13.0	0.0	
100	256QAM	1	1		11.67		13.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		11.90	11.94	11.85	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1		11.80	11.80	11.74	13.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1		11.94	11.90	11.86	13.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1		11.82	11.84	11.70	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1		11.80	11.79	11.76	13.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1		11.88	11.85	11.86	13.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1		11.85	11.77	11.76	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1		11.79	11.83	11.85	13.0	0.0

n77_FCC(DSI 6_standalone)(Part270)-Ant 3 PC3/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				650000	656000	662000	20.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.88	18.92	18.73			
100	PI/2 BPSK	1	137	18.80	18.86	18.65	20.0	0.0	
100	PI/2 BPSK	1	271	18.71	18.82	18.53			
100	PI/2 BPSK	135	0	18.70	18.77	18.68			
100	PI/2 BPSK	135	69	18.85	18.89	18.72	20.0	0.0	
100	PI/2 BPSK	135	138	18.61	18.87	18.65			
100	PI/2 BPSK	270	0	18.82	18.85	18.71			
100	QPSK	1	1	18.76	18.71	18.67	20.0	0.0	
100	QPSK	1	137	18.87	18.78	18.64			
100	QPSK	1	271	18.66	18.72	18.54			
100	QPSK	135	0	18.75	18.90	18.64	20.0	0.0	
100	QPSK	135	69	18.70	18.83	18.70			
100	QPSK	135	138	18.73	18.82	18.62			
100	QPSK	270	0	18.66	18.85	18.59	20.0	0.0	
100	16QAM	1	1	18.84	18.91	18.72	20.0	0.0	
100	64QAM	1	1	18.61	18.73	18.58	20.0	0.0	
100	256QAM	1	1	18.62	18.83	18.70	20.0	0.0	
Channel				649668	656000	662332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)	
90	PI/2 BPSK	1	1	18.54	18.63	18.85	20.0	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	PI/2 BPSK	1	1	18.67	18.54	18.83	20.0	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	PI/2 BPSK	1	1	18.47	18.89	18.59	20.0	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	PI/2 BPSK	1	1	18.58	18.49	18.56	20.0	0.0	
Channel				648334	656000	663666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)	
50	PI/2 BPSK	1	1	18.55	18.65	18.76	20.0	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	PI/2 BPSK	1	1	18.52	18.65	18.78	20.0	0.0	
Channel				647668	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	PI/2 BPSK	1	1	18.64	18.61	18.81	20.0	0.0	
Channel				647334	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	PI/2 BPSK	1	1	18.84	18.89	18.67	20.0	0.0	

n77_FCC(Part270)-Ant 3(DSI 6_Sim-Tx)PC3/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				650000	656000	662000	16.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.79	15.82	15.78			
100	PI/2 BPSK	1	137	15.72	15.70	15.64	16.5	0.0	
100	PI/2 BPSK	1	271	15.65	15.71	15.60			
100	PI/2 BPSK	135	0	15.65	15.75	15.61			
100	PI/2 BPSK	135	69	15.71	15.76	15.72	16.5	0.0	
100	PI/2 BPSK	135	138	15.69	15.71	15.70			
100	PI/2 BPSK	270	0	15.71	15.73	15.67			
100	QPSK	1	1	15.74	15.76	15.66	16.5	0.0	
100	QPSK	1	137	15.76	15.69	15.61			
100	QPSK	1	271	15.62	15.70	15.60			
100	QPSK	135	0	15.72	15.80	15.76	16.5	0.0	
100	QPSK	135	69	15.63	15.66	15.63			
100	QPSK	135	138	15.62	15.70	15.58			
100	QPSK	270	0	15.70	15.75	15.67	16.5	0.0	
100	16QAM	1	1	15.76	15.80	15.79	16.5	0.0	
100	64QAM	1	1	15.79	15.81	15.80	16.5	0.0	
100	256QAM	1	1	15.51	15.62	15.59	16.5	0.0	
Channel				649668	656000	662332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)	
90	PI/2 BPSK	1	1	15.74	15.78	15.77	16.5	0.0	
Channel				649334	656000	662666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3840	3939.99	(dBm)	(dB)	
80	PI/2 BPSK	1	1	15.72	15.75	15.79	16.5	0.0	
Channel				649000	656000	663000	Tune-up limit	MPR	
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)	
70	PI/2 BPSK	1	1	15.75	15.71	15.73	16.5	0.0	
Channel				648668	656000	663332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3840	3949.98	(dBm)	(dB)	
60	PI/2 BPSK	1	1	15.64	15.75	15.66	16.5	0.0	
Channel				648334	656000	663666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3840	3954.99	(dBm)	(dB)	
50	PI/2 BPSK	1	1	15.78	15.74	15.75	16.5	0.0	
Channel				648000	656000	664000	Tune-up limit	MPR	
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)	
40	PI/2 BPSK	1	1	15.57	15.60	15.70	16.5	0.0	
Channel				647668	656000	664332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3840	3964.98	(dBm)	(dB)	
30	PI/2 BPSK	1	1	15.68	15.74	15.76	16.5	0.0	
Channel				647334	656000	664666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3840	3969.99	(dBm)	(dB)	
20	PI/2 BPSK	1	1	15.71	15.72	15.67	16.5	0.0	

n77_FCC(DSI 6_standalone)(Part27Q)-Ant 3 PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		18.91				
100	PI/2 BPSK	1	137		18.82		20.0	0.0	
100	PI/2 BPSK	1	271		18.76				
100	PI/2 BPSK	135	0		18.82		20.0	0.0	
100	PI/2 BPSK	135	69		18.85		20.0	0.0	
100	PI/2 BPSK	135	138		18.58		20.0	0.0	
100	PI/2 BPSK	270	0		18.69				
100	QPSK	1	1		18.80				
100	QPSK	1	137		18.78		20.0	0.0	
100	QPSK	1	271		18.70				
100	QPSK	135	0		18.69				
100	QPSK	135	69		18.67		20.0	0.0	
100	QPSK	135	138		18.55				
100	QPSK	270	0		18.73		20.0	0.0	
100	16QAM	1	1		18.74		20.0	0.0	
100	64QAM	1	1		18.67		20.0	0.0	
100	256QAM	1	1		18.72		20.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		18.49	18.84	18.70	20.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1		18.57	18.71	18.75	20.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1		18.68	18.66	18.63	20.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1		18.81	18.75	18.60	20.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1		18.67	18.87	18.71	20.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1		18.57	18.62	18.89	20.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1		18.61	18.83	18.81	20.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1		18.80	18.45	18.78	20.0	

n77_FCC(Part27Q)-Ant 3(DSI 6_Sim-Tx)PC3/PC2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334					
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		15.64				
100	PI/2 BPSK	1	137		15.50		16.5	0.0	
100	PI/2 BPSK	1	271		15.55				
100	PI/2 BPSK	135	0		15.53		16.5	0.0	
100	PI/2 BPSK	135	69		15.56		16.5	0.0	
100	PI/2 BPSK	135	138		15.31		16.5	0.0	
100	PI/2 BPSK	270	0		15.30				
100	QPSK	1	1		15.49				
100	QPSK	1	137		15.52		16.5	0.0	
100	QPSK	1	271		15.46				
100	QPSK	135	0		15.48				
100	QPSK	135	69		15.30		16.5	0.0	
100	QPSK	135	138		15.24				
100	QPSK	270	0		15.51		16.5	0.0	
100	16QAM	1	1		15.60		16.5	0.0	
100	64QAM	1	1		15.59		16.5	0.0	
100	256QAM	1	1		15.40		16.5	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		15.53	15.62	15.52	16.5	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1		15.50	15.48	15.47	16.5	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1		15.59	15.59	15.48	16.5	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1		15.41	15.42	15.44	16.5	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1		15.42	15.40	15.39	16.5	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1		15.59	15.30	15.26	16.5	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1		15.57	15.47	15.38	16.5	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1		15.46	15.54	15.51	16.5	

n78_FCC(DSI 2_standalone)(Part27Q)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	20.50				
100	PI/2 BPSK	1	137	20.45			21.5	0.0
100	PI/2 BPSK	1	271	20.38				
100	PI/2 BPSK	135	0	20.35			21.5	0.0
100	PI/2 BPSK	135	69	20.41			21.5	0.0
100	PI/2 BPSK	135	138	20.30			21.5	0.0
100	PI/2 BPSK	270	0	20.42				
100	QPSK	1	1	20.25				
100	QPSK	1	137	20.42			21.5	0.0
100	QPSK	1	271	20.44				
100	QPSK	135	0	20.32				
100	QPSK	135	69	20.42			21.5	0.0
100	QPSK	135	138	20.33				
100	QPSK	270	0	20.25			21.5	0.0
100	16QAM	1	1	20.29			21.5	0.0
100	64QAM	1	1	20.21			21.5	0.0
100	256QAM	1	1	18.70			20.0	1.5
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	20.38	20.40	20.42	21.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	20.08	20.23	20.41	21.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	20.24	20.11	20.34	21.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	20.46	20.29	20.17	21.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	20.36	20.48	20.30	21.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	20.22	20.40	20.32	21.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	20.24	20.37	20.41	21.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	20.30	20.45	20.42	21.5	0.0

n78_FCC(DSI 2_standalone)(Part27O)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel					650000			
Frequency (MHz)					3750			
100	PI/2 BPSK	1	1		20.55			
100	PI/2 BPSK	1	137		20.49		21.5	0.0
100	PI/2 BPSK	1	271		20.43			
100	PI/2 BPSK	135	0		20.41		21.5	0.0
100	PI/2 BPSK	135	69		20.51		21.5	0.0
100	PI/2 BPSK	135	138		20.34		21.5	0.0
100	PI/2 BPSK	270	0		20.42			
100	QPSK	1	1		20.48			
100	QPSK	1	137		20.51		21.5	0.0
100	QPSK	1	271		20.53			
100	QPSK	135	0		20.37			
100	QPSK	135	69		20.53		21.5	0.0
100	QPSK	135	138		20.32			
100	QPSK	270	0		20.22		21.5	0.0
100	16QAM	1	1		20.38		21.5	0.0
100	64QAM	1	1		20.22		21.5	0.0
100	256QAM	1	1		18.78		20.0	1.5
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	20.51	20.32	20.28	21.5	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	20.33	20.40	20.39	21.5	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	20.47	20.53	20.31	21.5	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	20.30	20.48	20.23	21.5	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	20.23	20.29	20.46	21.5	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	20.37	20.50	20.47	21.5	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	20.41	20.23	20.29	21.5	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	20.26	20.14	20.40	21.5	0.0

n78_FCC(DSI 2_Sim-Tx)(Part27Q)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334			20.0	0.0
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.86				
100	PI/2 BPSK	1	137	18.86				
100	PI/2 BPSK	1	271	18.70			20.0	0.0
100	PI/2 BPSK	135	0	18.71				
100	PI/2 BPSK	135	69	18.78				
100	PI/2 BPSK	135	138	18.64				
100	PI/2 BPSK	270	0	18.78			20.0	0.0
100	QPSK	1	1	18.63				
100	QPSK	1	137	18.79				
100	QPSK	1	271	18.76				
100	QPSK	135	0	18.71			20.0	0.0
100	QPSK	135	69	18.74				
100	QPSK	135	138	18.65				
100	QPSK	270	0	18.58				
100	16QAM	1	1	18.60			20.0	0.0
100	64QAM	1	1	18.56			20.0	0.0
100	256QAM	1	1	18.55			20.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.73	18.62	18.70	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.47	18.78	18.62	20.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.77	18.36	18.44	20.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.81	18.40	18.40	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.41	18.48	18.59	20.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.37	18.52	18.44	20.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.66	18.53	18.54	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.69	18.75	18.65	20.0	0.0

n78_FCC(DSI 2_Sim-Tx)(Part27O)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1		18.88			
100	PI/2 BPSK	1	137		18.87		20.0	0.0
100	PI/2 BPSK	1	271		18.83			
100	PI/2 BPSK	135	0		18.77		20.0	0.0
100	PI/2 BPSK	135	69		18.85		20.0	0.0
100	PI/2 BPSK	135	138		18.66			
100	PI/2 BPSK	270	0		18.77		20.0	0.0
100	QPSK	1	1		18.85			
100	QPSK	1	137		18.83		20.0	0.0
100	QPSK	1	271		18.82			
100	QPSK	135	0		18.69			
100	QPSK	135	69		18.87		20.0	0.0
100	QPSK	135	138		18.63			
100	QPSK	270	0		18.57		20.0	0.0
100	16QAM	1	1		18.78		20.0	0.0
100	64QAM	1	1		18.62		20.0	0.0
100	256QAM	1	1		18.54		20.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.73	18.66	18.78	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.39	18.49	18.51	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.54	18.60	18.50	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.44	18.37	18.75	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.36	18.73	18.62	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.35	18.63	18.51	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	18.70	18.51	18.67	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.56	18.56	18.69	20.0	0.0

n78_FCC(DSI 3 standalone)(Part27Q)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	15.95				
100	PI/2 BPSK	1	137	15.72			16.8	0.0
100	PI/2 BPSK	1	271	15.85				
100	PI/2 BPSK	135	0	15.77			16.8	0.0
100	PI/2 BPSK	135	69	15.63			16.8	0.0
100	PI/2 BPSK	135	138	15.76			16.8	0.0
100	PI/2 BPSK	270	0	15.94				
100	QPSK	1	1	15.70				
100	QPSK	1	137	15.90			16.8	0.0
100	QPSK	1	271	15.92				
100	QPSK	135	0	15.76				
100	QPSK	135	69	15.92			16.8	0.0
100	QPSK	135	138	15.74				
100	QPSK	270	0	15.74			16.8	0.0
100	16QAM	1	1	15.74			16.8	0.0
100	64QAM	1	1	15.68			16.8	0.0
100	256QAM	1	1	15.66			16.8	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	15.65	15.76	15.84	16.8	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	15.78	15.82	15.82	16.8	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	15.59	15.50	15.73	16.8	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	15.78	15.83	15.82	16.8	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	15.76	15.78	15.80	16.8	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	15.87	15.52	15.88	16.8	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	15.85	15.57	15.63	16.8	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	15.92	15.45	15.74	16.8	0.0

n78_FCC(DSI 3 standalone)(Part27O)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	16.04				
100	PI/2 BPSK	1	137	15.92			16.8	0.0
100	PI/2 BPSK	1	271	15.87				
100	PI/2 BPSK	135	0	15.89			16.8	0.0
100	PI/2 BPSK	135	69	15.94			16.8	0.0
100	PI/2 BPSK	135	138	15.75			16.8	0.0
100	PI/2 BPSK	270	0	15.91				
100	QPSK	1	1	15.94				
100	QPSK	1	137	15.96			16.8	0.0
100	QPSK	1	271	16.03				
100	QPSK	135	0	15.87				
100	QPSK	135	69	15.96			16.8	0.0
100	QPSK	135	138	15.78				
100	QPSK	270	0	15.68			16.8	0.0
100	16QAM	1	1	15.88			16.8	0.0
100	64QAM	1	1	15.72			16.8	0.0
100	256QAM	1	1	15.78			16.8	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	15.81	15.47	15.61	16.8	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	15.58	15.81	15.91	16.8	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	15.49	15.71	15.65	16.8	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	15.89	15.81	15.64	16.8	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	15.49	15.76	15.47	16.8	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	15.60	15.57	15.60	16.8	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	15.45	15.45	15.75	16.8	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	15.55	15.73	15.68	16.8	0.0

n78_FCC(DSI 3_Sim-Tx)(Part27Q)-Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			13.0	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1		12.01		13.0	0.0	
100	PI/2 BPSK	1	137		11.89				
100	PI/2 BPSK	1	271		12.00				
100	PI/2 BPSK	135	0		11.94		13.0	0.0	
100	PI/2 BPSK	135	69		11.93		13.0	0.0	
100	PI/2 BPSK	135	138		11.87		13.0	0.0	
100	PI/2 BPSK	270	0		11.98		13.0	0.0	
100	QPSK	1	1		11.85				
100	QPSK	1	137		11.98				
100	QPSK	1	271		12.00		13.0	0.0	
100	QPSK	135	0		11.95				
100	QPSK	135	69		11.95				
100	QPSK	135	138		11.89		13.0	0.0	
100	QPSK	270	0		11.83				
100	16QAM	1	1		11.84				
100	64QAM	1	1		11.75		13.0	0.0	
100	256QAM	1	1		11.81		13.0	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99	13.0	0.0	
90	PI/2 BPSK	1	1		11.67	11.86	11.89	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	13.0	0.0	
80	PI/2 BPSK	1	1		11.75	11.87	11.92	13.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98	13.0	0.0	
70	PI/2 BPSK	1	1		11.87	11.89	11.73	13.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99	13.0	0.0	
60	PI/2 BPSK	1	1		11.78	11.80	11.79	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	13.0	0.0	
50	PI/2 BPSK	1	1		11.89	11.75	11.66	13.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98	13.0	0.0	
40	PI/2 BPSK	1	1		11.67	11.69	11.83	13.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99	13.0	0.0	
30	PI/2 BPSK	1	1		11.70	11.73	11.89	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	13.0	0.0	
20	PI/2 BPSK	1	1		11.75	11.90	11.75	13.0	0.0

n78_FCC(DSI 3_Sim-Tx)(Part27O)-Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1		11.97		13.0	0.0	
100	PI/2 BPSK	1	137		11.93				
100	PI/2 BPSK	1	271		11.90				
100	PI/2 BPSK	135	0		11.83		13.0	0.0	
100	PI/2 BPSK	135	69		11.96		13.0	0.0	
100	PI/2 BPSK	135	138		11.74		13.0	0.0	
100	PI/2 BPSK	270	0		11.89		13.0	0.0	
100	QPSK	1	1		11.92				
100	QPSK	1	137		11.94				
100	QPSK	1	271		11.92		13.0	0.0	
100	QPSK	135	0		11.84				
100	QPSK	135	69		11.96				
100	QPSK	135	138		11.73		13.0	0.0	
100	QPSK	270	0		11.68				
100	16QAM	1	1		11.87				
100	64QAM	1	1		11.71		13.0	0.0	
100	256QAM	1	1		11.77		13.0	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98	13.0	0.0	
90	PI/2 BPSK	1	1		11.79	11.73	11.83	13.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99	13.0	0.0	
80	PI/2 BPSK	1	1		11.71	11.76	11.85	13.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765	13.0	0.0	
70	PI/2 BPSK	1	1		11.92	11.92	11.91	13.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98	13.0	0.0	
60	PI/2 BPSK	1	1		11.66	11.71	11.74	13.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99	13.0	0.0	
50	PI/2 BPSK	1	1		11.89	11.74	11.73	13.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780	13.0	0.0	
40	PI/2 BPSK	1	1		11.89	11.87	11.92	13.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98	13.0	0.0	
30	PI/2 BPSK	1	1		11.72	11.90	11.92	13.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99	13.0	0.0	
20	PI/2 BPSK	1	1		11.72	11.65	11.90	13.0	0.0

n78_FCC(DSI 6 standalone)(Part27Q)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633334				
Frequency (MHz)				3500.01				
100	PI/2 BPSK	1	1	18.83				
100	PI/2 BPSK	1	137	18.82			20.0	0.0
100	PI/2 BPSK	1	271	18.74				
100	PI/2 BPSK	135	0	18.72			20.0	0.0
100	PI/2 BPSK	135	69	18.79			20.0	0.0
100	PI/2 BPSK	135	138	18.66			20.0	0.0
100	PI/2 BPSK	270	0	18.82				
100	QPSK	1	1	18.59				
100	QPSK	1	137	18.80			20.0	0.0
100	QPSK	1	271	18.74				
100	QPSK	135	0	18.70				
100	QPSK	135	69	18.78			20.0	0.0
100	QPSK	135	138	18.67				
100	QPSK	270	0	18.55			20.0	0.0
100	16QAM	1	1	18.62			20.0	0.0
100	64QAM	1	1	18.56			20.0	0.0
100	256QAM	1	1	18.56			20.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.82	18.76	18.46	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.55	18.70	18.81	20.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.79	18.77	18.53	20.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.64	18.45	18.67	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.66	18.80	18.69	20.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.47	18.55	18.74	20.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.74	18.78	18.78	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.58	18.51	18.77	20.0	0.0

n78_FCC(DSI 6_standalone)(Part27O)-Ant 3								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000				
Frequency (MHz)				3750				
100	PI/2 BPSK	1	1	18.90				
100	PI/2 BPSK	1	137	18.82			20.0	0.0
100	PI/2 BPSK	1	271	18.78				
100	PI/2 BPSK	135	0	18.73			20.0	0.0
100	PI/2 BPSK	135	69	18.81			20.0	0.0
100	PI/2 BPSK	135	138	18.66			20.0	0.0
100	PI/2 BPSK	270	0	18.79				
100	QPSK	1	1	18.79				
100	QPSK	1	137	18.88			20.0	0.0
100	QPSK	1	271	18.82				
100	QPSK	135	0	18.69				
100	QPSK	135	69	18.84			20.0	0.0
100	QPSK	135	138	18.66				
100	QPSK	270	0	18.53			20.0	0.0
100	16QAM	1	1	18.76			20.0	0.0
100	64QAM	1	1	18.60			20.0	0.0
100	256QAM	1	1	18.66			20.0	0.0
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3750	3754.98		
90	PI/2 BPSK	1	1	18.85	18.50	18.69	20.0	0.0
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3750	3759.99		
80	PI/2 BPSK	1	1	18.67	18.81	18.68	20.0	0.0
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3750	3765		
70	PI/2 BPSK	1	1	18.67	18.73	18.48	20.0	0.0
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3750	3769.98		
60	PI/2 BPSK	1	1	18.83	18.60	18.65	20.0	0.0
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3750	3774.99		
50	PI/2 BPSK	1	1	18.89	18.69	18.60	20.0	0.0
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3750	3780		
40	PI/2 BPSK	1	1	18.88	18.66	18.89	20.0	0.0
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3750	3784.98		
30	PI/2 BPSK	1	1	18.70	18.49	18.57	20.0	0.0
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3750	3789.99		
20	PI/2 BPSK	1	1	18.52	18.75	18.51	20.0	0.0

n78_FCC(DSI 6_Sim-Tx)(Part27Q)-Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633334			16.5	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	15.73					
100	PI/2 BPSK	1	137	15.71					
100	PI/2 BPSK	1	271	15.66			16.5	0.0	
100	PI/2 BPSK	135	0	15.62					
100	PI/2 BPSK	135	69	15.64					
100	PI/2 BPSK	135	138	15.50					
100	PI/2 BPSK	270	0	15.65			16.5	0.0	
100	QPSK	1	1	15.50					
100	QPSK	1	137	15.66					
100	QPSK	1	271	15.68					
100	QPSK	135	0	15.55			16.5	0.0	
100	QPSK	135	69	15.64					
100	QPSK	135	138	15.55					
100	QPSK	270	0	15.49			16.5	0.0	
100	16QAM	1	1	15.56					
100	64QAM	1	1	15.45					
100	256QAM	1	1	15.50					
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1	15.61	15.47	15.49	16.5	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
80	PI/2 BPSK	1	1	15.44	15.42	15.67	16.5	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98			
70	PI/2 BPSK	1	1	15.52	15.42	15.43	16.5	0.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99			
60	PI/2 BPSK	1	1	15.62	15.46	15.49	16.5	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525			
50	PI/2 BPSK	1	1	15.56	15.41	15.59	16.5	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98			
40	PI/2 BPSK	1	1	15.42	15.42	15.69	16.5	0.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	15.61	15.36	15.49	16.5	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
20	PI/2 BPSK	1	1	15.59	15.53	15.69	16.5	0.0	

n78_FCC(DSI 6_Sim-Tx)(Part27O)-Ant 3									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000			16.5	0.0	
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	15.76					
100	PI/2 BPSK	1	137	15.74					
100	PI/2 BPSK	1	271	15.82			16.5	0.0	
100	PI/2 BPSK	135	0	15.83					
100	PI/2 BPSK	135	69	15.87					
100	PI/2 BPSK	135	138	15.57					
100	PI/2 BPSK	270	0	15.70			16.5	0.0	
100	QPSK	1	1	15.70					
100	QPSK	1	137	15.75					
100	QPSK	1	271	15.66					
100	QPSK	135	0	15.64			16.5	0.0	
100	QPSK	135	69	15.74					
100	QPSK	135	138	15.58					
100	QPSK	270	0	15.43			16.5	0.0	
100	16QAM	1	1	15.66					
100	64QAM	1	1	15.50					
100	256QAM	1	1	15.44					
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98			
90	PI/2 BPSK	1	1	15.65	15.57	15.61	16.5	0.0	
Channel				649334	650000	650666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3750	3759.99			
80	PI/2 BPSK	1	1	15.69	15.48	15.39	16.5	0.0	
Channel				649000	650000	651000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3750	3765			
70	PI/2 BPSK	1	1	15.61	15.67	15.46	16.5	0.0	
Channel				648668	650000	651332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3750	3769.98			
60	PI/2 BPSK	1	1	15.39	15.35	15.49	16.5	0.0	
Channel				648334	650000	651666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3750	3774.99			
50	PI/2 BPSK	1	1	15.40	15.51	15.63	16.5	0.0	
Channel				648000	650000	652000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3750	3780			
40	PI/2 BPSK	1	1	15.52	15.62	15.35	16.5	0.0	
Channel				647668	650000	652332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3750	3784.98			
30	PI/2 BPSK	1	1	15.47	15.39	15.64	16.5	0.0	
Channel				647334	650000	652666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3750	3789.99			
20	PI/2 BPSK	1	1	15.64	15.54	15.61	16.5	0.0	

n77_FCC(Part27O)-Ant 3(DSI 2_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	18.97	19.03	18.94		
100	PI/2 BPSK	1	137	18.91	18.90	18.70	20.0	0.0
100	PI/2 BPSK	1	271	18.75	18.94	18.68		
100	PI/2 BPSK	135	0	18.75	18.93	18.75	20.0	0.0
100	PI/2 BPSK	135	69	18.86	18.96	18.79	20.0	0.0
100	PI/2 BPSK	135	138	18.79	18.90	18.77	20.0	0.0
100	PI/2 BPSK	270	0	18.95	19.00	18.91		
100	QPSK	1	1	18.92	19.01	18.87		
100	QPSK	1	137	19.03	18.98	18.88	20.0	0.0
100	QPSK	1	271	18.89	18.93	18.91		
100	QPSK	135	0	18.92	19.00	18.88		
100	QPSK	135	69	18.93	18.97	18.88	20.0	0.0
100	QPSK	135	138	18.79	18.91	18.76		
100	QPSK	270	0	18.83	19.01	18.84	20.0	0.0
100	16QAM	1	1	18.92	18.97	18.88	20.0	0.0
100	64QAM	1	1	18.81	18.95	18.76	20.0	0.0
100	256QAM	1	1	18.65	18.85	18.70	20.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	18.92	18.98	18.98	20.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	18.81	19.00	19.00	20.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	18.98	19.01	18.97	20.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	18.80	18.98	18.86	20.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	18.97	18.99	18.98	20.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	18.76	18.98	18.99	20.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	18.84	18.95	18.96	20.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	18.96	19.00	18.99	20.0	0.0

n77_FCC(Part27Q)-Ant 3(DSI 2_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633666		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	18.92	18.92	18.92		
100	PI/2 BPSK	1	137	18.78	18.78	18.78	20.0	0.0
100	PI/2 BPSK	1	271	18.84	18.84	18.84		
100	PI/2 BPSK	135	0	18.89	18.89	18.89	20.0	0.0
100	PI/2 BPSK	135	69	18.90	18.90	18.90	20.0	0.0
100	PI/2 BPSK	135	138	18.59	18.59	18.59	20.0	0.0
100	PI/2 BPSK	270	0	18.62	18.62	18.62		
100	QPSK	1	1	18.85	18.85	18.85		
100	QPSK	1	137	18.78	18.78	18.78	20.0	0.0
100	QPSK	1	271	18.79	18.79	18.79		
100	QPSK	135	0	18.83	18.83	18.83		
100	QPSK	135	69	18.65	18.65	18.65	20.0	0.0
100	QPSK	135	138	18.58	18.58	18.58		
100	QPSK	270	0	18.79	18.79	18.79	20.0	0.0
100	16QAM	1	1	18.86	18.86	18.86	20.0	0.0
100	64QAM	1	1	18.87	18.87	18.87	20.0	0.0
100	256QAM	1	1	18.66	18.66	18.66	20.0	0.0
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	18.88	18.90	18.85	20.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	18.82	18.78	18.76	20.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	18.89	18.86	18.75	20.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	18.77	18.78	18.73	20.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	18.73	18.68	18.69	20.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	18.85	18.66	18.61	20.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	18.83	18.79	18.69	20.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	18.78	18.83	18.81	20.0	0.0

n77_FCC(Part270)-Ant 3(DSI 3_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	13.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.12	12.16	12.10		
100	PI/2 BPSK	1	137	12.11	12.05	11.88		
100	PI/2 BPSK	1	271	11.93	11.98	11.91	13.0	0.0
100	PI/2 BPSK	135	0	12.02	12.10	11.91		
100	PI/2 BPSK	135	69	12.07	12.13	12.02		
100	PI/2 BPSK	135	138	12.05	12.02	11.90		
100	PI/2 BPSK	270	0	12.07	12.09	11.97	13.0	0.0
100	QPSK	1	1	12.01	12.05	12.00		
100	QPSK	1	137	12.08	12.05	11.93		
100	QPSK	1	271	11.91	12.05	11.74		
100	QPSK	135	0	11.95	12.11	11.93	13.0	0.0
100	QPSK	135	69	11.94	12.06	11.96		
100	QPSK	135	138	11.97	12.05	11.87		
100	QPSK	270	0	11.94	12.05	11.86		
100	16QAM	1	1	12.01	12.07	11.91	13.0	0.0
100	64QAM	1	1	12.12	12.14	12.11	13.0	0.0
100	256QAM	1	1	11.85	11.88	11.82	13.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	12.03	12.10	12.11	13.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99		
80	PI/2 BPSK	1	1	11.96	12.05	12.07	13.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	12.03	12.13	12.11	13.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98		
60	PI/2 BPSK	1	1	11.99	12.11	11.96	13.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99		
50	PI/2 BPSK	1	1	12.05	12.12	12.07	13.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	12.01	12.07	12.08	13.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98		
30	PI/2 BPSK	1	1	12.06	12.12	12.10	13.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99		
20	PI/2 BPSK	1	1	12.03	12.09	12.08	13.0	0.0

n77_FCC(Part27Q)-Ant 3(DSI 3_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	13.0	0.0
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	11.90	11.94	11.85		
100	PI/2 BPSK	1	137	11.91	11.98	11.91		
100	PI/2 BPSK	1	271	11.98	11.98	11.98	13.0	0.0
100	PI/2 BPSK	135	0	11.96	11.96	11.96		
100	PI/2 BPSK	135	69	11.98	11.98	11.98		
100	PI/2 BPSK	135	138	11.94	11.94	11.94		
100	PI/2 BPSK	270	0	11.95	11.95	11.95	13.0	0.0
100	QPSK	1	1	11.99	11.99	11.99		
100	QPSK	1	137	11.97	11.97	11.97		
100	QPSK	1	271	11.96	11.96	11.96		
100	QPSK	135	0	11.95	11.95	11.95	13.0	0.0
100	QPSK	135	69	11.98	11.98	11.98		
100	QPSK	135	138	11.95	11.95	11.95		
100	QPSK	270	0	11.99	11.99	11.99		
100	16QAM	1	1	11.88	11.88	11.88	13.0	0.0
100	64QAM	1	1	11.97	11.97	11.97	13.0	0.0
100	256QAM	1	1	11.67	11.67	11.67	13.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	11.90	11.94	11.85	13.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510		
80	PI/2 BPSK	1	1	11.80	11.80	11.74	13.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98		
70	PI/2 BPSK	1	1	11.94	11.90	11.86	13.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99		
60	PI/2 BPSK	1	1	11.82	11.84	11.70	13.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525		
50	PI/2 BPSK	1	1	11.80	11.79	11.76	13.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98		
40	PI/2 BPSK	1	1	11.88	11.85	11.86	13.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99		
30	PI/2 BPSK	1	1	11.85	11.77	11.76	13.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540		
20	PI/2 BPSK	1	1	11.79	11.83	11.85	13.0	0.0

n77_FCC(Part27Q)-Ant 3(DSI 6_Sim-Tx)_UL MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	16.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	15.79	15.82	15.78			
100	PI/2 BPSK	1	137	15.72	15.70	15.84			
100	PI/2 BPSK	1	271	15.65	15.71	15.80	16.5	0.0	
100	PI/2 BPSK	135	0	15.65	15.75	15.81			
100	PI/2 BPSK	135	69	15.71	15.76	15.72			
100	PI/2 BPSK	135	138	15.69	15.71	15.70			
100	PI/2 BPSK	270	0	15.71	15.73	15.67	16.5	0.0	
100	QPSK	1	1	15.74	15.76	15.66			
100	QPSK	1	137	15.76	15.69	15.81			
100	QPSK	1	271	15.62	15.70	15.80			
100	QPSK	135	0	15.72	15.80	15.76	16.5	0.0	
100	QPSK	135	69	15.63	15.66	15.63			
100	QPSK	135	138	15.62	15.70	15.58			
100	QPSK	270	0	15.70	15.75	15.67		0.0	
100	16QAM	1	1	15.76	15.80	15.79	16.5	0.0	
100	64QAM	1	1	15.79	15.81	15.80	16.5	0.0	
100	256QAM	1	1	15.51	15.62	15.59	16.5	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98	16.5	0.0	
90	PI/2 BPSK	1	1	15.74	15.78	15.77			
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99	16.5	0.0	
80	PI/2 BPSK	1	1	15.72	15.75	15.79			
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	16.5	0.0	
70	PI/2 BPSK	1	1	15.75	15.71	15.73			
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	16.5	0.0	
60	PI/2 BPSK	1	1	15.64	15.75	15.66			
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99	16.5	0.0	
50	PI/2 BPSK	1	1	15.78	15.74	15.75			
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	16.5	0.0	
40	PI/2 BPSK	1	1	15.57	15.60	15.70			
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	16.5	0.0	
30	PI/2 BPSK	1	1	15.68	15.74	15.76			
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	16.5	0.0	
20	PI/2 BPSK	1	1	15.71	15.72	15.67			

n77_FCC(Part27Q)-Ant 3(DSI 6_Sim-Tx)_UL MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000		633334	16.5	0.0	
Frequency (MHz)				3500.01		3500.01			
100	PI/2 BPSK	1	1	15.64		15.64			
100	PI/2 BPSK	1	137	15.50		15.50			
100	PI/2 BPSK	1	271	15.55		15.55	16.5	0.0	
100	PI/2 BPSK	135	0	15.53		15.53			
100	PI/2 BPSK	135	69	15.56		15.56			
100	PI/2 BPSK	135	138	15.31		15.31			
100	PI/2 BPSK	270	0	15.30		15.30	16.5	0.0	
100	QPSK	1	1	15.49		15.49			
100	QPSK	1	137	15.52		15.52			
100	QPSK	1	271	15.46		15.46			
100	QPSK	135	0	15.48		15.48	16.5	0.0	
100	QPSK	135	69	15.30		15.30			
100	QPSK	135	138	15.24		15.24			
100	QPSK	270	0	15.51		15.51		0.0	
100	16QAM	1	1	15.60		15.60	16.5	0.0	
100	64QAM	1	1	15.59		15.59	16.5	0.0	
100	256QAM	1	1	15.40		15.40	16.5	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99	16.5	0.0	
90	PI/2 BPSK	1	1	15.53	15.62	15.52			
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	16.5	0.0	
80	PI/2 BPSK	1	1	15.50	15.48	15.47			
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98	16.5	0.0	
70	PI/2 BPSK	1	1	15.59	15.59	15.48			
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99	16.5	0.0	
60	PI/2 BPSK	1	1	15.41	15.42	15.44			
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	16.5	0.0	
50	PI/2 BPSK	1	1	15.42	15.40	15.39			
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98	16.5	0.0	
40	PI/2 BPSK	1	1	15.59	15.30	15.26			
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99	16.5	0.0	
30	PI/2 BPSK	1	1	15.57	15.47	15.38			
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	16.5	0.0	
20	PI/2 BPSK	1	1	15.46	15.54	15.51			

n77_FCC(Ant 5)(Part27O)(DSI 2_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	14.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.25	13.28	13.23		
100	PI/2 BPSK	1	137	13.21	13.22	13.21		
100	PI/2 BPSK	1	271	13.23	13.21	13.20	14.0	0.0
100	PI/2 BPSK	135	0	13.15	13.22	13.14		
100	PI/2 BPSK	135	69	13.19	13.24	13.17		
100	PI/2 BPSK	135	138	13.18	13.15	13.12		
100	PI/2 BPSK	270	0	13.20	13.21	13.16	14.0	0.0
100	QPSK	1	1	13.25	12.96	13.18		
100	QPSK	1	137	13.19	13.15	13.16		
100	QPSK	1	271	13.17	13.15	13.18		
100	QPSK	135	0	13.22	13.19	13.16	14.0	0.0
100	QPSK	135	69	13.16	13.20	13.17		
100	QPSK	135	138	13.08	13.18	13.16		
100	QPSK	270	0	13.09	13.07	13.02		
100	16QAM	1	1	13.22	13.23	13.24	14.0	0.0
100	64QAM	1	1	13.21	13.24	13.22	14.0	0.0
100	256QAM	1	1	13.03	13.08	13.06	14.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	14.0	0.0
90	PI/2 BPSK	1	1	13.23	13.24	13.22	14.0	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	14.0	0.0
80	PI/2 BPSK	1	1	13.24	13.25	13.21	14.0	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	14.0	0.0
70	PI/2 BPSK	1	1	13.25	13.26	13.23	14.0	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	14.0	0.0
60	PI/2 BPSK	1	1	13.23	13.25	13.18	14.0	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	14.0	0.0
50	PI/2 BPSK	1	1	13.23	13.26	13.24	14.0	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	14.0	0.0
40	PI/2 BPSK	1	1	13.22	13.23	13.18	14.0	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	14.0	0.0
30	PI/2 BPSK	1	1	13.24	13.20	13.19	14.0	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	14.0	0.0
20	PI/2 BPSK	1	1	13.20	13.22	13.23	14.0	0.0

n77_FCC(Ant 5)(Part27Q)(DSI 2_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	14.0	0.0
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	13.28	13.22	13.21		
100	PI/2 BPSK	1	137	13.22	13.21	13.21		
100	PI/2 BPSK	1	271	13.21	13.21	13.21	14.0	0.0
100	PI/2 BPSK	135	0	13.21	13.21	13.21		
100	PI/2 BPSK	135	69	13.24	13.24	13.24		
100	PI/2 BPSK	135	138	13.20	13.20	13.20		
100	PI/2 BPSK	270	0	13.21	13.21	13.21	14.0	0.0
100	QPSK	1	1	13.19	13.19	13.19		
100	QPSK	1	137	13.12	13.12	13.12		
100	QPSK	1	271	13.16	13.16	13.16		
100	QPSK	135	0	13.18	13.18	13.18	14.0	0.0
100	QPSK	135	69	13.19	13.19	13.19		
100	QPSK	135	138	13.17	13.17	13.17		
100	QPSK	270	0	13.16	13.16	13.16		
100	16QAM	1	1	13.24	13.24	13.24	14.0	0.0
100	64QAM	1	1	13.22	13.22	13.22	14.0	0.0
100	256QAM	1	1	13.02	13.02	13.02	14.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	14.0	0.0
90	PI/2 BPSK	1	1	13.12	13.16	13.08	14.0	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	14.0	0.0
80	PI/2 BPSK	1	1	13.13	13.14	13.21	14.0	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	14.0	0.0
70	PI/2 BPSK	1	1	13.17	13.17	13.21	14.0	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	14.0	0.0
60	PI/2 BPSK	1	1	12.65	12.63	12.63	14.0	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	14.0	0.0
50	PI/2 BPSK	1	1	13.23	13.25	13.20	14.0	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	14.0	0.0
40	PI/2 BPSK	1	1	13.23	13.25	13.16	14.0	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	14.0	0.0
30	PI/2 BPSK	1	1	13.18	13.18	13.20	14.0	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	14.0	0.0
20	PI/2 BPSK	1	1	13.17	13.22	13.23	14.0	0.0

n77_FCC(Ant 5)(Part270)(DSI 3 standalone)_UL MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	14.5	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	13.42	13.48	13.43			
100	PI/2 BPSK	1	137	13.38	13.33	13.31			
100	PI/2 BPSK	1	271	13.30	13.30	13.29	14.5	0.0	
100	PI/2 BPSK	135	0	13.32	13.39	13.32			
100	PI/2 BPSK	135	69	13.38	13.40	13.39			
100	PI/2 BPSK	135	138	13.36	13.37	13.30			
100	PI/2 BPSK	270	0	13.34	13.39	13.37	14.5	0.0	
100	QPSK	1	1	13.40	13.42	13.35			
100	QPSK	1	137	13.43	13.39	13.33			
100	QPSK	1	271	13.38	13.38	13.31			
100	QPSK	135	0	13.36	13.33	13.39	14.5	0.0	
100	QPSK	135	69	13.40	13.37	13.34			
100	QPSK	135	138	13.33	13.38	13.33			
100	QPSK	270	0	13.42	13.42	13.39			
100	16QAM	1	1	13.44	13.35	13.38	14.5	0.0	
100	64QAM	1	1	13.40	13.45	13.36	14.5	0.0	
100	256QAM	1	1	13.19	13.13	13.12	14.5	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98	14.5	0.0	
90	PI/2 BPSK	1	1	13.42	13.44	13.41			
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99	14.5	0.0	
80	PI/2 BPSK	1	1	13.44	13.46	13.43			
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	14.5	0.0	
70	PI/2 BPSK	1	1	13.44	13.46	13.45			
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	14.5	0.0	
60	PI/2 BPSK	1	1	13.42	13.46	13.40			
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99	14.5	0.0	
50	PI/2 BPSK	1	1	13.40	13.43	13.44			
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	14.5	0.0	
40	PI/2 BPSK	1	1	13.44	13.46	13.42			
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	14.5	0.0	
30	PI/2 BPSK	1	1	13.42	13.39	13.44			
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	14.5	0.0	
20	PI/2 BPSK	1	1	13.38	13.42	13.44			

n77_FCC(Ant 5)(Part27Q)(DSI 3 standalone)_UL MIMO									
BW [MHz]	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			14.5	0.0	
Frequency (MHz)				3500.01					
100	PI/2 BPSK	1	1	13.47					
100	PI/2 BPSK	1	137	13.45					
100	PI/2 BPSK	1	271	13.41			14.5	0.0	
100	PI/2 BPSK	135	0	13.43					
100	PI/2 BPSK	135	69	13.44					
100	PI/2 BPSK	135	138	13.42					
100	PI/2 BPSK	270	0	13.41			14.5	0.0	
100	QPSK	1	1	13.40					
100	QPSK	1	137	13.32					
100	QPSK	1	271	13.38					
100	QPSK	135	0	13.37			14.5	0.0	
100	QPSK	135	69	13.40					
100	QPSK	135	138	13.40					
100	QPSK	270	0	13.39					
100	16QAM	1	1	13.45			14.5	0.0	
100	64QAM	1	1	13.41			14.5	0.0	
100	256QAM	1	1	13.25			14.5	0.0	
Channel				633000	633334	633666	Tune-up limit	MPR	
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)	
90	PI/2 BPSK	1	1	13.34	13.36	13.30	14.5	0.0	
Channel				632668	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	PI/2 BPSK	1	1	13.32	13.36	13.40	14.5	0.0	
Channel				632334	633334	634332	Tune-up limit	MPR	
Frequency (MHz)				3485.01	3500.01	3514.98	(dBm)	(dB)	
70	PI/2 BPSK	1	1	13.35	13.36	13.40	14.5	0.0	
Channel				632000	633334	634666	Tune-up limit	MPR	
Frequency (MHz)				3480	3500.01	3519.99	(dBm)	(dB)	
60	PI/2 BPSK	1	1	13.09	13.06	13.09	14.5	0.0	
Channel				631668	633334	635000	Tune-up limit	MPR	
Frequency (MHz)				3475.02	3500.01	3525	(dBm)	(dB)	
50	PI/2 BPSK	1	1	13.43	13.46	13.42	14.5	0.0	
Channel				631334	633334	635332	Tune-up limit	MPR	
Frequency (MHz)				3470.01	3500.01	3529.98	(dBm)	(dB)	
40	PI/2 BPSK	1	1	13.44	13.45	13.38	14.5	0.0	
Channel				631000	633334	635666	Tune-up limit	MPR	
Frequency (MHz)				3465	3500.01	3534.99	(dBm)	(dB)	
30	PI/2 BPSK	1	1	13.36	13.36	13.38	14.5	0.0	
Channel				630668	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
20	PI/2 BPSK	1	1	13.14	13.22	13.18	14.5	0.0	

n77_FCC(Ant 5)(Part27O)(DSI 3_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	11.0	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	10.18	10.19	10.11		
100	PI/2 BPSK	1	137	9.89	9.88	9.86		
100	PI/2 BPSK	1	271	9.92	9.92	9.93	11.0	0.0
100	PI/2 BPSK	135	0	10.02	10.07	10.06		
100	PI/2 BPSK	135	69	10.12	10.15	10.11		
100	PI/2 BPSK	135	138	9.70	9.69	9.67		
100	PI/2 BPSK	270	0	9.92	10.08	9.89	11.0	0.0
100	QPSK	1	1	10.11	10.14	10.08		
100	QPSK	1	137	9.90	9.88	9.88		
100	QPSK	1	271	9.91	9.92	9.93		
100	QPSK	135	0	10.11	10.06	10.12	11.0	0.0
100	QPSK	135	69	10.12	10.16	10.02		
100	QPSK	135	138	9.74	9.73	9.74		
100	QPSK	270	0	10.12	9.98	10.01		
100	16QAM	1	1	10.08	10.07	10.11	11.0	0.0
100	64QAM	1	1	10.12	10.12	10.11	11.0	0.0
100	256QAM	1	1	9.95	10.03	10.01	11.0	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	11.0	0.0
90	PI/2 BPSK	1	1	10.01	10.07	10.00		
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	11.0	0.0
80	PI/2 BPSK	1	1	10.00	10.02	9.97		
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	11.0	0.0
70	PI/2 BPSK	1	1	10.03	10.07	9.95		
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	11.0	0.0
60	PI/2 BPSK	1	1	10.03	10.05	9.96		
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	11.0	0.0
50	PI/2 BPSK	1	1	10.02	10.03	9.94		
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	11.0	0.0
40	PI/2 BPSK	1	1	10.02	10.07	9.99		
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	11.0	0.0
30	PI/2 BPSK	1	1	10.01	10.06	9.95		
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	11.0	0.0
20	PI/2 BPSK	1	1	10.00	10.02	9.97		

n77_FCC(Ant 5)(Part27Q)(DSI 3_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	11.0	0.0
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	10.11	10.09	10.08		
100	PI/2 BPSK	1	137	10.09	10.08	10.07		
100	PI/2 BPSK	1	271	10.08	10.06	10.06	11.0	0.0
100	PI/2 BPSK	135	0	10.06	10.08	10.07		
100	PI/2 BPSK	135	69	10.08	10.02	10.02		
100	PI/2 BPSK	135	138	10.02	10.07	10.07		
100	QPSK	1	1	10.00	10.03	10.01	11.0	0.0
100	QPSK	1	137	9.95	10.01	10.01		
100	QPSK	1	271	10.01	10.03	10.01		
100	QPSK	135	0	10.03	10.01	10.01		
100	QPSK	135	69	10.01	9.99	9.97	11.0	0.0
100	QPSK	135	138	9.99	10.08	10.07		
100	QPSK	270	0	9.97	10.07	9.80		
100	16QAM	1	1	10.08	10.07	10.07		
100	64QAM	1	1	10.07	10.07	10.07	11.0	0.0
100	256QAM	1	1	9.80	10.07	10.07	11.0	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	11.0	0.0
90	PI/2 BPSK	1	1	9.94	10.02	9.94		
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	11.0	0.0
80	PI/2 BPSK	1	1	9.95	10.00	10.04		
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	11.0	0.0
70	PI/2 BPSK	1	1	9.99	10.03	10.03		
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	11.0	0.0
60	PI/2 BPSK	1	1	10.01	10.00	10.07		
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	11.0	0.0
50	PI/2 BPSK	1	1	10.05	10.10	10.04		
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	11.0	0.0
40	PI/2 BPSK	1	1	10.08	10.09	10.01		
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	11.0	0.0
30	PI/2 BPSK	1	1	10.04	10.03	10.01		
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	11.0	0.0
20	PI/2 BPSK	1	1	10.01	10.06	10.05		

n77_FCC(Ant 5)(Part27O)(DSI 6_standalone)_UL MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				650000	656000	662000	19.0	0.0	
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	18.25	18.28	18.23			
100	PI/2 BPSK	1	137	18.21	18.22	18.21			
100	PI/2 BPSK	1	271	18.23	18.21	18.20	19.0	0.0	
100	PI/2 BPSK	135	0	18.15	18.22	18.14			
100	PI/2 BPSK	135	69	18.19	18.24	18.17			
100	PI/2 BPSK	135	138	18.18	18.15	18.12			
100	PI/2 BPSK	270	0	18.20	18.21	18.16	19.0	0.0	
100	QPSK	1	1	18.25	17.96	18.18			
100	QPSK	1	137	18.19	18.15	18.16			
100	QPSK	1	271	18.17	18.15	18.18			
100	QPSK	135	0	18.22	18.19	18.16	19.0	0.0	
100	QPSK	135	69	18.16	18.20	18.17			
100	QPSK	135	138	18.08	18.18	18.16			
100	QPSK	270	0	18.09	18.07	18.02			
100	16QAM	1	1	18.22	18.23	18.24	19.0	0.0	
100	64QAM	1	1	18.21	18.24	18.22	19.0	0.0	
100	256QAM	1	1	18.03	18.08	18.06	19.0	0.0	
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3840	3934.98	19.0	0.0	
90	PI/2 BPSK	1	1	18.23	18.24	18.22	19.0	0.0	
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3740.01	3840	3939.99	19.0	0.0	
80	PI/2 BPSK	1	1	18.24	18.25	18.21	19.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945	19.0	0.0	
70	PI/2 BPSK	1	1	18.25	18.26	18.23	19.0	0.0	
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3730.02	3840	3949.98	19.0	0.0	
60	PI/2 BPSK	1	1	18.23	18.25	18.18	19.0	0.0	
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3725.01	3840	3954.99	19.0	0.0	
50	PI/2 BPSK	1	1	18.23	18.26	18.24	19.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960	19.0	0.0	
40	PI/2 BPSK	1	1	18.22	18.23	18.18	19.0	0.0	
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3715.02	3840	3964.98	19.0	0.0	
30	PI/2 BPSK	1	1	18.24	18.20	18.19	19.0	0.0	
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3710.01	3840	3969.99	19.0	0.0	
20	PI/2 BPSK	1	1	18.20	18.22	18.23	19.0	0.0	

n77_FCC(Ant 5)(Part27Q)(DSI 6_standalone)_UL MIMO									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				633000	633334	633668	19.0	0.0	
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PI/2 BPSK	1	1	18.28	18.22	18.21			
100	PI/2 BPSK	1	137	18.22	18.21	18.21			
100	PI/2 BPSK	1	271	18.21	18.21	18.21	19.0	0.0	
100	PI/2 BPSK	135	0	18.21	18.21	18.21			
100	PI/2 BPSK	135	69	18.24	18.24	18.24			
100	PI/2 BPSK	135	138	18.20	18.20	18.20			
100	PI/2 BPSK	270	0	18.21	18.21	18.21	19.0	0.0	
100	QPSK	1	1	18.19	18.19	18.19			
100	QPSK	1	137	18.12	18.12	18.12			
100	QPSK	1	271	18.16	18.16	18.16			
100	QPSK	135	0	18.18	18.18	18.18	19.0	0.0	
100	QPSK	135	69	18.19	18.19	18.19			
100	QPSK	135	138	18.17	18.17	18.17			
100	QPSK	270	0	18.16	18.16	18.16			
100	16QAM	1	1	18.24	18.24	18.24	19.0	0.0	
100	64QAM	1	1	18.22	18.22	18.22	19.0	0.0	
100	256QAM	1	1	18.02	18.02	18.02	19.0	0.0	
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99	19.0	0.0	
90	PI/2 BPSK	1	1	18.12	18.16	18.08	19.0	0.0	
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	19.0	0.0	
80	PI/2 BPSK	1	1	18.13	18.14	18.21	19.0	0.0	
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3485.01	3500.01	3514.98	19.0	0.0	
70	PI/2 BPSK	1	1	18.17	18.17	18.21	19.0	0.0	
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3480	3500.01	3519.99	19.0	0.0	
60	PI/2 BPSK	1	1	17.65	17.63	17.63	19.0	0.0	
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3475.02	3500.01	3525	19.0	0.0	
50	PI/2 BPSK	1	1	18.23	18.25	18.20	19.0	0.0	
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3470.01	3500.01	3529.98	19.0	0.0	
40	PI/2 BPSK	1	1	18.23	18.25	18.16	19.0	0.0	
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3465	3500.01	3534.99	19.0	0.0	
30	PI/2 BPSK	1	1	18.18	18.18	18.20	19.0	0.0	
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	19.0	0.0	
20	PI/2 BPSK	1	1	18.17	18.22	18.23	19.0	0.0	

n77_FCC(Ant 5)(Part27O)(DSI 6_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				650000	656000	662000	15.5	0.0
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.33	14.36	14.29		
100	PI/2 BPSK	1	137	14.32	14.34	14.26		
100	PI/2 BPSK	1	271	14.08	14.09	14.13	15.5	0.0
100	PI/2 BPSK	135	0	14.21	14.22	14.23		
100	PI/2 BPSK	135	69	14.23	14.25	14.24		
100	PI/2 BPSK	135	138	14.05	14.08	14.02		
100	PI/2 BPSK	270	0	14.18	14.22	14.14	15.5	0.0
100	QPSK	1	1	14.29	14.34	14.27		
100	QPSK	1	137	14.08	14.04	14.06		
100	QPSK	1	271	14.11	14.08	14.12		
100	QPSK	135	0	14.30	14.22	14.28	15.5	0.0
100	QPSK	135	69	14.32	14.33	14.18		
100	QPSK	135	138	14.09	14.08	14.04		
100	QPSK	270	0	14.17	14.18	14.20		
100	16QAM	1	1	14.35	14.34	14.29	15.5	0.0
100	64QAM	1	1	14.27	14.30	14.29	15.5	0.0
100	256QAM	1	1	14.11	14.20	14.16	15.5	0.0
Channel				649668	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	15.5	0.0
90	PI/2 BPSK	1	1	14.31	14.33	14.25	15.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	15.5	0.0
80	PI/2 BPSK	1	1	14.33	14.34	14.24	15.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	15.5	0.0
70	PI/2 BPSK	1	1	14.35	14.34	14.24	15.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	15.5	0.0
60	PI/2 BPSK	1	1	14.33	14.35	14.29	15.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	15.5	0.0
50	PI/2 BPSK	1	1	14.34	14.33	14.28	15.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	15.5	0.0
40	PI/2 BPSK	1	1	14.31	14.34	14.27	15.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	15.5	0.0
30	PI/2 BPSK	1	1	14.34	14.35	14.29	15.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	15.5	0.0
20	PI/2 BPSK	1	1	14.33	14.32	14.29	15.5	0.0

n77_FCC(Ant 5)(Part27Q)(DSI 6_Sim-Tx)_UL MIMO								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				633000	633334	633668	15.5	0.0
Frequency (MHz)				3495	3500.01	3504.99		
100	PI/2 BPSK	1	1	14.19	14.22	14.15		
100	PI/2 BPSK	1	137	14.20	14.17	14.17		
100	PI/2 BPSK	1	271	14.17	14.17	14.17	15.5	0.0
100	PI/2 BPSK	135	0	14.21	14.21	14.21		
100	PI/2 BPSK	135	69	14.22	14.22	14.22		
100	PI/2 BPSK	135	138	14.16	14.16	14.16		
100	PI/2 BPSK	270	0	14.19	14.19	14.19	15.5	0.0
100	QPSK	1	1	14.17	14.17	14.17		
100	QPSK	1	137	14.10	14.10	14.10		
100	QPSK	1	271	14.15	14.15	14.15		
100	QPSK	135	0	14.17	14.17	14.17	15.5	0.0
100	QPSK	135	69	14.18	14.18	14.18		
100	QPSK	135	138	14.17	14.17	14.17		
100	QPSK	270	0	14.15	14.15	14.15		
100	16QAM	1	1	14.24	14.24	14.24	15.5	0.0
100	64QAM	1	1	14.21	14.21	14.21	15.5	0.0
100	256QAM	1	1	14.00	14.00	14.00	15.5	0.0
Channel				633000	633334	633668	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99	15.5	0.0
90	PI/2 BPSK	1	1	14.19	14.22	14.15	15.5	0.0
Channel				632668	633334	634000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3490.02	3500.01	3510	15.5	0.0
80	PI/2 BPSK	1	1	14.22	14.23	14.18	15.5	0.0
Channel				632334	633334	634332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3485.01	3500.01	3514.98	15.5	0.0
70	PI/2 BPSK	1	1	14.20	14.21	14.23	15.5	0.0
Channel				632000	633334	634666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3480	3500.01	3519.99	15.5	0.0
60	PI/2 BPSK	1	1	14.19	14.22	14.20	15.5	0.0
Channel				631668	633334	635000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3475.02	3500.01	3525	15.5	0.0
50	PI/2 BPSK	1	1	14.20	14.21	14.13	15.5	0.0
Channel				631334	633334	635332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3470.01	3500.01	3529.98	15.5	0.0
40	PI/2 BPSK	1	1	14.22	14.19	14.17	15.5	0.0
Channel				631000	633334	635666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3465	3500.01	3534.99	15.5	0.0
30	PI/2 BPSK	1	1	14.22	14.23	14.16	15.5	0.0
Channel				630668	633334	636000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3460.02	3500.01	3540	15.5	0.0
20	PI/2 BPSK	1	1	14.16	14.20	14.18	15.5	0.0



Conducted Power for BT/WLAN

2.4GHz WLAN ANT 2+4																			
2.4GHz WLAN ANT 2+4			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN)		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	21.66	22.50	20.71	21.50	15.31	16.50	19.78	21.00	15.31	16.50	15.31	16.50	21.66	22.50	21.66	22.50	100.00
	6	2437	21.56	22.50	20.60	21.50	15.15	16.50	19.64	21.00	15.15	16.50	15.15	16.50	21.56	22.50	21.56	22.50	
	11	2462	21.33	22.50	20.41	21.50	15.02	16.50	19.36	21.00	15.02	16.50	15.02	16.50	21.33	22.50	21.33	22.50	
802.11g 6Mbps	1	2412	20.71	22.00	20.18	21.50	15.28	16.50	19.77	21.00	15.28	16.50	15.28	16.50	20.71	22.00	20.71	22.00	100.00
	6	2437	20.71	22.00	20.15	21.50	15.25	16.50	19.78	21.00	15.25	16.50	15.25	16.50	20.71	22.00	20.71	22.00	
	11	2462	20.02	22.00	19.48	21.50	14.58	16.50	19.10	21.00	14.58	16.50	14.58	16.50	20.02	22.00	20.02	22.00	
802.11n-HT20 MCS0	1	2412	19.91	21.00	Not Required	21.00	Not Required	16.50	16.50	21.00	16.50	16.50	16.50	16.50	19.91	21.00	19.91	21.00	100.00
	6	2437	19.86	21.00		21.00		16.50		21.00					19.86	21.00	19.86	21.00	
	11	2462	19.12	21.00		21.00		16.50		21.00					19.12	21.00	19.12	21.00	
802.11ac-VHT20 MCS0	1	2412	19.81	21.00	Not Required	21.00	Not Required	16.50	16.50	21.00	16.50	16.50	16.50	16.50	19.81	21.00	19.81	21.00	100.00
	6	2437	19.76	21.00		21.00		16.50		21.00					19.76	21.00	19.76	21.00	
	11	2462	19.02	21.00		21.00		16.50		21.00					19.02	21.00	19.02	21.00	
802.11ax-HE20 MCS0	1	2412	20.01	21.00	Not Required	21.00	Not Required	16.50	16.50	21.00	16.50	16.50	16.50	16.50	20.01	21.00	20.01	21.00	100.00
	6	2437	20.06	21.00		21.00		16.50		21.00					20.06	21.00	20.06	21.00	
	11	2462	20.01	21.00		21.00		16.50		21.00					20.01	21.00	20.01	21.00	

Note: The 2.4GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.



5.2GHz WLAN ANT 4+12																			
5.2GHz WLAN ANT 4+12			Default Power Table		AI Head Power table 1 (Standalone WLAN)		AI Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN)		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	20.02	21.50	20.02	21.50	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	20.02	21.50	Not Required	19.50	99.32
	40	5200	20.07	21.50	20.07	21.50		17.00		21.00		16.00		16.00	20.07	21.50		19.50	
	44	5220	20.11	21.50	20.11	21.50		17.00		21.00		16.00		16.00	20.11	21.50		19.50	
	48	5240	19.94	21.50	19.94	21.50		17.00		21.00		16.00		16.00	19.94	21.50		19.50	
802.11n-HT20 MCS0	36	5180	19.67	21.00	19.67	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.67	21.00	Not Required	19.50	100.00
	40	5200	19.69	21.00	19.69	21.00		17.00		21.00		16.00		16.00	19.69	21.00		19.50	
	44	5220	19.75	21.00	19.75	21.00		17.00		21.00		16.00		16.00	19.75	21.00		19.50	
	48	5240	19.62	21.00	19.62	21.00		17.00		21.00		16.00		16.00	19.62	21.00		19.50	
802.11n-HT40 MCS0	38	5190	19.42	21.00	19.42	21.00	Not Required	17.00	19.42	21.00	Not Required	16.00	Not Required	16.00	19.42	21.00	Not Required	19.50	100.00
	46	5230	19.48	21.00	19.48	21.00		17.00	19.48	21.00		16.00		16.00	19.48	21.00		19.50	
802.11ac-VHT20 MCS0	36	5180	19.60	21.00	19.60	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.60	21.00	Not Required	19.50	100.00
	40	5200	19.65	21.00	19.65	21.00		17.00		21.00		16.00		16.00	19.65	21.00		19.50	
	44	5220	19.68	21.00	19.68	21.00		17.00		21.00		16.00		16.00	19.68	21.00		19.50	
	48	5240	19.55	21.00	19.55	21.00		17.00		21.00		16.00		16.00	19.55	21.00		19.50	
802.11ac-VHT40 MCS0	38	5190	19.35	21.00	19.35	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.35	21.00	Not Required	19.50	100.00
	46	5230	19.41	21.00	19.41	21.00		17.00		21.00		16.00		16.00	19.41	21.00		19.50	
802.11ac-VHT80 MCS0	42	5210	18.54	20.00	18.54	20.00	15.61	17.00	Not Required	20.00	14.59	16.00	14.59	16.00	18.54	20.00	18.18	19.50	100.00
802.11ax-HE20 MCS0	36	5180	19.88	21.00	19.88	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.88	21.00	Not Required	19.50	100.00
	40	5200	19.91	21.00	19.91	21.00		17.00		21.00		16.00		16.00	19.91	21.00		19.50	
	44	5220	19.95	21.00	19.95	21.00		17.00		21.00		16.00		16.00	19.95	21.00		19.50	
	48	5240	19.82	21.00	19.82	21.00		17.00		21.00		16.00		16.00	19.82	21.00		19.50	
802.11ax-HE40 MCS0	38	5190	19.13	21.00	19.13	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.13	21.00	Not Required	19.50	100.00
	46	5230	19.18	21.00	19.18	21.00		17.00		21.00		16.00		16.00	19.18	21.00		19.50	
802.11ax-HE80 MCS0	42	5210	18.51	20.00	18.51	20.00	17.00	17.00	Not Required	20.00	16.00	16.00	16.00	16.00	18.51	20.00	19.50	19.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.3GHz WLAN ANT 4+12																			
5.3GHz WLAN ANT 4+12			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN)		Duty Cycle %		
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit			
802.11a 6Mbps	52	5260	20.07	21.50	20.07	21.50	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	20.07	21.50	Not Required	20.00	99.32
	56	5280	20.07	21.50	20.07	21.50		17.00		21.00		16.00		16.00	20.07	21.50		20.00	
	60	5300	20.08	21.50	20.08	21.50		17.00		21.00		16.00		16.00	20.08	21.50		20.00	
	64	5320	20.17	21.50	20.17	21.50		17.00		21.00		16.00		16.00	20.17	21.50		20.00	
802.11n-HT20 MCS0	52	5260	19.73	21.00	19.73	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.73	21.00	Not Required	20.00	100.00
	56	5280	19.62	21.00	19.62	21.00		17.00		21.00		16.00		16.00	19.62	21.00		20.00	
	60	5300	19.72	21.00	19.72	21.00		17.00		21.00		16.00		16.00	19.72	21.00		20.00	
	64	5320	19.80	21.00	19.80	21.00		17.00		21.00		16.00		16.00	19.80	21.00		20.00	
802.11n-HT40 MCS0	54	5270	19.51	21.00	19.51	21.00	Not Required	17.00	19.51	21.00	Not Required	16.00	Not Required	16.00	19.51	21.00	Not Required	20.00	100.00
	62	5310	19.62	21.00	19.62	21.00		17.00	19.62	21.00		16.00		16.00	19.62	21.00		20.00	
802.11ac-VHT20 MCS0	52	5260	19.66	21.00	19.66	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.66	21.00	Not Required	20.00	100.00
	56	5280	19.58	21.00	19.58	21.00		17.00		21.00		16.00		16.00	19.58	21.00		20.00	
	60	5300	19.65	21.00	19.65	21.00		17.00		21.00		16.00		16.00	19.65	21.00		20.00	
	64	5320	19.73	21.00	19.73	21.00		17.00		21.00		16.00		16.00	19.73	21.00		20.00	
802.11ac-VHT40 MCS0	54	5270	19.44	21.00	19.44	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.44	21.00	Not Required	20.00	100.00
	62	5310	19.55	21.00	19.55	21.00		17.00		21.00		16.00		16.00	19.55	21.00		20.00	
802.11ac-VHT80 MCS0	58	5290	18.48	20.00	18.48	20.00	17.00	17.00	Not Required	20.00	14.65	16.00	14.65	16.00	18.48	20.00	18.48	20.00	100.00
802.11ac-VHT160 MCS0	50	5250	17.41	19.00	17.41	19.00	15.48	17.00	Not Required	19.00	14.65	16.00	14.65	16.00	17.41	19.00	18.48	19.50	100.00
802.11ax-HE20 MCS0	52	5260	19.90	21.00	19.90	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.90	21.00	Not Required	20.00	100.00
	56	5280	20.10	21.00	20.10	21.00		17.00		21.00		16.00		16.00	20.10	21.00		20.00	
	60	5300	19.92	21.00	19.92	21.00		17.00		21.00		16.00		16.00	19.92	21.00		20.00	
	64	5320	20.03	21.00	20.03	21.00		17.00		21.00		16.00		16.00	20.03	21.00		20.00	
802.11ax-HE40 MCS0	54	5270	19.17	21.00	19.17	21.00	Not Required	17.00	Not Required	21.00	Not Required	16.00	Not Required	16.00	19.17	21.00	Not Required	20.00	100.00
	62	5310	19.28	21.00	19.28	21.00		17.00		21.00		16.00		16.00	19.28	21.00		20.00	
802.11ax-HE80 MCS0	58	5290	18.42	20.00	18.42	20.00	17.00	17.00	Not Required	20.00	16.00	16.00	16.00	16.00	18.42	20.00	18.42	20.00	100.00
802.11ax-HE160 MCS0	50	5250	17.48	19.00	17.48	19.00	17.00	17.00	Not Required	19.00	16.00	16.00	16.00	16.00	17.48	19.00	18.48	19.50	100.00

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.



5.5GHz WLAN ANT 4+12																	
5.5GHz WLAN ANT 4+12			Default Power Table		AI Head Power table 1 (Standalone WLAN)		AI Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN)		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	20.38	21.50	20.38	21.50	20.38	21.50	20.38	21.50	Not Required	19.00	20.38	21.50	20.00	99.32	
	116	5580	19.93	21.50	19.93	21.50	19.93	21.50	19.93	21.50		19.00	19.93	21.50	20.00		
	132	5660	20.05	21.50	20.05	21.50	20.05	21.50	20.05	21.50		19.00	20.05	21.50	20.00		
	140	5700	20.26	21.50	20.26	21.50	20.26	21.50	20.26	21.50		19.00	20.26	21.50	20.00		
802.11n-HT20 MCS0	100	5500	20.00	21.00	20.00	21.00	20.00	21.00	20.00	21.00		19.00	20.00	21.00	20.00	100.00	
	116	5580	19.57	21.00	19.57	21.00	19.57	21.00	19.57	21.00		19.00	19.57	21.00	20.00		
	132	5660	19.71	21.00	19.71	21.00	19.71	21.00	19.71	21.00		19.00	19.71	21.00	20.00		
	140	5700	19.88	21.00	19.88	21.00	19.88	21.00	19.88	21.00		19.00	19.88	21.00	20.00		
802.11n-HT40 MCS0	102	5510	19.73	21.00	19.73	21.00	19.73	21.00	19.73	21.00	Not Required	19.00	19.73	21.00	20.00	100.00	
	110	5550	19.76	21.00	19.76	21.00	19.76	21.00	19.76	21.00		19.00	19.76	21.00	20.00		
	134	5670	19.28	21.00	19.28	21.00	19.28	21.00	19.28	21.00		19.00	19.28	21.00	20.00		
802.11ac-VHT20 MCS0	100	5500	19.93	21.00	19.93	21.00	19.93	21.00	19.93	21.00		19.00	19.93	21.00	20.00	100.00	
	116	5580	19.50	21.00	19.50	21.00	19.50	21.00	19.50	21.00		19.00	19.50	21.00	20.00		
	132	5660	19.64	21.00	19.64	21.00	19.64	21.00	19.64	21.00		19.00	19.64	21.00	20.00		
	140	5700	19.81	21.00	19.81	21.00	19.81	21.00	19.81	21.00		19.00	19.81	21.00	20.00		
802.11ac-VHT40 MCS0	102	5510	19.66	21.00	19.66	21.00	19.66	21.00	19.66	21.00		19.00	19.66	21.00	20.00	100.00	
	110	5550	19.69	21.00	19.69	21.00	19.69	21.00	19.69	21.00		19.00	19.69	21.00	20.00		
	134	5670	19.21	21.00	19.21	21.00	19.21	21.00	19.21	21.00		19.00	19.21	21.00	20.00		
	802.11ac-VHT80 MCS0	106	5530	18.63	20.00	18.63	20.00	18.63	20.00	18.63	20.00	17.66	19.00	18.63	20.00	18.63	20.00
802.11ax-HE20 MCS0	100	5500	20.20	21.00	20.20	21.00	20.20	21.00	20.20	21.00	Not Required	19.00	20.20	21.00	20.00	100.00	
	116	5580	19.74	21.00	19.74	21.00	19.74	21.00	19.74	21.00		19.00	19.74	21.00	20.00		
	132	5660	20.02	21.00	20.02	21.00	20.02	21.00	20.02	21.00		19.00	20.02	21.00	20.00		
	140	5700	20.08	21.00	20.08	21.00	20.08	21.00	20.08	21.00		19.00	20.08	21.00	20.00		
802.11ax-HE40 MCS0	102	5510	19.40	21.00	19.40	21.00	19.40	21.00	19.40	21.00		19.00	19.40	21.00	20.00	100.00	
	110	5550	19.46	21.00	19.46	21.00	19.46	21.00	19.46	21.00		19.00	19.46	21.00	20.00		
	134	5670	18.94	20.50	18.94	20.50	18.94	20.50	18.94	20.50		19.00	18.94	20.50	20.00		
802.11ax-HE80 MCS0	106	5530	18.58	20.00	18.58	20.00	18.58	20.00	18.58	20.00		19.00	18.58	20.00	20.00	100.00	

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

5.8GHz WLAN ANT 4+12																			
5.8GHz WLAN ANT 4+12			Default Power Table		At Head Power table 1 (Standalone WLAN)		At Head Power table 2 (Simultaneous WLAN+WWAN)		Body-worn Power table 1 (Standalone WLAN)		Body-worn Power table 2 (Simultaneous WLAN+WWAN)		MHS(Mobile Hotspot) Power table (Simultaneous WLAN+WWAN)		Handheld Power table 1 (Standalone WLAN)		Handheld Power table 2 (Simultaneous WLAN+WWAN)		Duty Cycle
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	19.99	21.50	19.99	21.50		20.00		20.00		15.00		15.00	19.99	21.50		18.00	99.32
	157	5785	20.03	21.50	20.03	21.50		20.00		20.00		15.00		15.00	20.03	21.50		18.00	
	165	5825	19.98	21.50	19.98	21.50		20.00		20.00		15.00		15.00	19.98	21.50		18.00	
802.11n-HT20 MCS0	149	5745	19.52	21.00	19.52	21.00		20.00		20.00		15.00		15.00	19.52	21.00		18.00	100.00
	157	5785	19.57	21.00	19.57	21.00		20.00		20.00		15.00		15.00	19.57	21.00		18.00	
	165	5825	19.61	21.00	19.61	21.00		20.00		20.00		15.00		15.00	19.61	21.00		18.00	
802.11n-HT40 MCS0	151	5755	19.41	21.00	19.41	21.00	Not Required		Not Required	20.00	Not Required	15.00	Not Required	15.00	19.41	21.00	Not Required	18.00	100.00
	159	5795	19.37	21.00	19.37	21.00		20.00		20.00		15.00		15.00	19.37	21.00		18.00	
	149	5745	19.43	21.00	19.43	21.00		20.00		20.00		15.00		15.00	19.43	21.00		18.00	
802.11ac-VHT20 MCS0	157	5785	19.48	21.00	19.48	21.00		20.00		20.00		15.00		15.00	19.48	21.00		18.00	100.00
	165	5825	19.52	21.00	19.52	21.00		20.00		20.00		15.00		15.00	19.52	21.00		18.00	
	151	5755	19.32	21.00	19.32	21.00		20.00		20.00		15.00		15.00	19.32	21.00		18.00	
802.11ac-VHT40 MCS0	159	5795	19.28	21.00	19.28	21.00		20.00		20.00		15.00		15.00	19.28	21.00		18.00	100.00
802.11ac-VHT80 MCS0	155	5775	18.22	20.00	18.22	20.00	18.22	20.00	18.22	20.00	13.81	15.00	13.81	15.00	18.22	20.00	16.36	18.00	100.00
802.11ax-HE20 MCS0	149	5745	19.87	21.00	19.87	21.00		20.00		20.00		15.00		15.00	19.87	21.00		18.00	100.00
	157	5785	19.90	21.00	19.90	21.00		20.00		20.00		15.00		15.00	19.90	21.00		18.00	
	165	5825	19.91	21.00	19.91	21.00	Not Required		Not Required	20.00	Not Required	15.00	Not Required	15.00	19.91	21.00	Not Required	18.00	
802.11ax-HE40 MCS0	151	5755	19.18	21.00	19.18	21.00		20.00		20.00		15.00		15.00	19.18	21.00		18.00	100.00
	159	5795	19.16	21.00	19.16	21.00		20.00		20.00		15.00		15.00	19.16	21.00		18.00	
	155	5775	18.07	20.00	18.07	20.00		20.00		20.00		15.00		15.00	18.07	20.00		18.00	

Note: The 5GHz WLAN can transmit in MIMO antenna mode only and it has no SISO antenna mode.

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)									Tune-up Limit
			Packet Type									
			DH1	DH3	DH5	2DH1	2DH3	2DH5	3DH1	3DH3	3DH5	
Bluetooth	CH 0	2402	11.20	11.20	11.30	9.3	9.30	9.40	9.30	9.30	9.40	12.50
	CH 39	2441	11.30	11.30	11.40	9.3	9.30	9.40	9.40	9.40	9.50	12.50
	CH 78	2480	8.20	8.20	8.30	6.2	6.20	6.40	6.20	6.20	6.40	9.50

BT LE 4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			GFSK	
LE	CH 00	2402	6.90	
	CH 19	2440	7.10	
	CH 39	2480	3.90	
Tune-up Limit			8	

BT LE 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	6.90	7.00
	CH 19	2440	7.10	7.20
	CH 39	2480	3.90	4.00
Tune-up Limit			8.00	8.00



Appendix F. Supplemental Tuner Head & Body SAR Results

The results are shown as follows.

RF exposure position																				
											Average Value of This Sweep (W/kg)									
WLAN_Ant1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	0	20	40	60	80	100	120	140		
	WCDMA-V	RMC 12.3Kbps	CGI (2FdB)	4233	846.6			Right Cheek	Open	0.218	0.19	0	0.165	0.107	0.053	0	0.140	0.032		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	1	21	41	61	81	101	121	141		
	WCDMA-B	RMC 12.3Kbps	CGI (2FdB)	8236	1647.6			Left Cheek	Open	0.085	0.055	0.055	0.077	0.074	0.064	0.081	0.081	0.048		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	2	22	42	62	82	102	122	142		
	LTE Band 12	10M-QPSK	CGI (2FdB)	23805	707.5	1	0	Right Cheek	Open	0.107	0	0.088	0	0.044	0.012	0.023	0.031	0.047		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	3	23	43	63	83	103	123	143		
	LTE Band 5	10M-QPSK	CGI (2FdB)	20535	616.5	1	0	Right Cheek	Open	0.055	0.15	0	0.138	0.105	0.074	0.064	0.046	0.046		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	4	24	44	64	84	104	124	144		
	LTE Band 66	20M-QPSK	CGI (2FdB)	132322	1745	1	0	Left Cheek	Open	0.086	0	0.012	0.021	0.004	0	0.046	0	0.011		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	5	25	45	65	85	105	125	145		
	LTE Band 2	20M-QPSK	CGI (2FdB)	10750	180	1	0	Left Cheek	Open	0.079	0.015	0	0.045	0.046	0.049	0.045	0.046	0.032		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	6	26	46	66	86	106	126	146		
	LTE Band 7	20M-QPSK	CGI (2FdB)	21330	280	1	0	Left Cheek	Open	0.07	0.068	0.067	0.061	0.063	0.064	0	0.037	0.035		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	7	27	47	67	87	107	127	147		
	NR	20M-BPSK-QP-T13	CGI (2FdB)	167300	836.5	50	24	Right Cheek	Open	0.075	0.001	0	0.005	0.07	0	0.002	0.01	0.014		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	8	28	48	68	88	108	128	148		
	NR	40M-BPSK-QP-T13	CGI (2FdB)	340300	1745	1	0	Left Cheek	Open	0.057	0	0.009	0.012	0.011	0.014	0.004	0	0.005		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	9	29	49	69	89	109	129	149		
	NR	20M-BPSK-QP-T13	CGI (2FdB)	372000	180	50	24	Left Cheek	Open	0.051	0	0.006	0.005	0.004	0	0.042	0	0.031		
WLAN_Ant1 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	10	30	50	70	90	110	130	150		
	WCDMA-V	RMC 12.3Kbps	CGI (2FdB)	4102	826.4			Back	Open	1.05	0.463	0.42	1.01	1.01	0.253	0.265	0.704	0.041		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	11	31	51	71	91	111	131	151		
	WCDMA-B	RMC 12.3Kbps	CGI 3 dBantenna	8202	1652.4			Back	Open	0.807	0.323	0.307	0.334	0.443	0.453	0.08	0.116	0.208		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	12	32	52	72	92	112	132	152		
	LTE Band 12	10M-QPSK	CGI (2FdB)	23805	707.5	1	0	Back	Open	0.466	0.161	0.138	0.053	0.075	0.426	0	0.146	0.175		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	13	33	53	73	93	113	133	153		
	LTE Band 5	10M-QPSK	CGI (2FdB)	20535	616.5	1	0	Back	Open	0.88	0.363	0.447	0.005	0.737	0.24	0.262	0.445	0.213		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	14	34	54	74	94	114	134	154		
	LTE Band 66	20M-QPSK	CGI 3 dBantenna	132372	1770	50	0	Back	Open	0.807	0.221	0.241	0.226	0.271	0.312	0.366	0.366	0.135		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	15	35	55	75	95	115	135	155		
	LTE Band 2	20M-QPSK	CGI 3 dBantenna	10750	180	50	0	Back	Open	0.852	0.365	0.421	0.369	0.463	0.459	0.253	0.268	0.21		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	16	36	56	76	96	116	136	156		
	LTE Band 7	20M-QPSK	CGI 3 dBantenna	21330	280	50	50	Back	Open	0.872	0.81	0.8	0.846	0.78	0.63	0.7	0.42	0.28		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	17	37	57	77	97	117	137	157		
	NR	20M-BPSK-QP-T13	CGI (2FdB)	167300	836.5	50	24	Back	Open	0.037	0.001	0.072	0.163	0.05	0.327	0.213	0.054	0.035		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	18	38	58	78	98	118	138	158		
	NR	40M-BPSK-QP-T13	CGI 3 dBantenna	340300	1745	106	50	Bottom Side	Open	0.861	0.369	0.4	0.448	0.368	0.563	0.073	0.486	0.245		
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	SS Size	SS Offset	Test Position	Spacing	Measured Tg SAR (W/kg)	19	39	59	79	99	119	139	159		
	NR	20M-BPSK-QP-T13	CGI 3 dBantenna	372000	180	1	1	Back	Open	1.04	0.268	0.463	0.46	0.452	0.959	0.607	0.435	0.204		

RF exposure position																																					
										Average Value of Time Swept (Min)																											
WISIAN_Ant 1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RIS Size	RIS Offset	Test Position	Spacing	Measured E1 SAR (W/kg)	0	2	4	6	8	10	12	14	16	20	22	24	26	28	30	32	34	36	38								
	LTE Band 13	10M-QPSK	DSS (2FdB)	23230	752	1	0	Right Cheek	Even	0.05	0	0	0.07	0.023	0.049	0	0	0.051	0	0	0.032	0.025	0.089	0.075	0	0	0.083	0.032	0.012	0.067							
		Band	Mode	Power Reduction	Channel	Frequency (MHz)	RIS Size	RIS Offset	Test Position	Spacing <th>Measured E1 SAR (W/kg)</th> <th>1</th> <th>3</th> <th>5</th> <th>7</th> <th>9</th> <th>11</th> <th>13</th> <th>15</th> <th>18</th> <th>21</th> <th>23</th> <th>25</th> <th>27</th> <th>29</th> <th>31</th> <th>33</th> <th>35</th> <th>37</th> <th>39</th>	Measured E1 SAR (W/kg)	1	3	5	7	9	11	13	15	18	21	23	25	27	29	31	33	35	37	39							
WISIAN_Ant 2 Body	LTE Band 13	10M-QPSK	DSS (3FdB)	23230	752	1	0	Back	Even	0.88	0.133	0.116	0.106	0.168	0.152	0.148	0.158	0.128	0.06	0.074	0.084	0.083	0.089	0.105	0.111	0.116	0.117	0.119	0.122								

40	42	44	46	48	50	52	54	56	58	60	62	64	66	68	70	72	74	76	78
0.0201	0	0.025	0.0259	0	0.024	0	0.025	0.021	0	0.045	0.044	0.044	0.046	0.049	0	0.012	0.002	0	0.025
80	82	84	86	88	90	92	94	96	98	01	02	04	07	09	11	13	15	17	19
0.123	0.158	0.131	0.057	0.152	0.079	0.118	0.149	0.185	0.211	0.222	0.208	0.234	0.259	0.28	0.247	0.214	0.181	0.148	0.074

80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110	112	114	116	118
0.143	0.129	0.118	0.065	0.074	0.087	0.087	0.103	0.104	0.114	0	0	0.022	0.015	0	0	0.031	0.015	0	0.021
91	93	95	97	99	91	93	95	97	99	101	103	105	107	109	111	113	115	117	119
0.084	0.087	0.042	0.221	0.214	0.375	0.413	0.446	0.486	0	0	0.045	0.185	0	0.085	0.112	0.139	0.167	0.179	0.099

120	122	124	126	128	130	132	134	136	138	140	142
0	0.125	0.145	0.148	0.147	0.149	0.146	0.144	0.071	0.088	0.093	0.087
121	123	125	127	129	131	133	135	137	139	141	143
0.261	0.574	0.823	0.840	0.846	0.847	0.847	0.816	0.283	0.323	0.36	0.318

RF exposure position																																				
											Average Value of Time Energy (W/kg)																									
WYNN_Ant1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured To SAR (W/kg)	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68								
	NBS	43MSPSA-QFT10	DS1.2 standard	30000	1780	1	1	Left Head	Open	0.910	0.184	0.268	0.24	0.225	0.215	0.221	0.240	0.228	0.228	0.265	0.269	0.274	0.274	0.292	0.222	0.247	0.248	0.284								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured To SAR (W/kg)	1	5	9	13	17	21	25	29	33	37	41	45	49	53	57	61	65	69								
	NC	23MSPSA-QFT10	DS1.2 standard	30000	1980	50	38	Left Head	Open	0.876	0.881	0.583	0.877	0.702	0.725	0.448	0.527	0.624	0.621	0.888	0.876	0.886	0.537	0.268	0.404	0.46	0.458	0.553								
WYNN_Ant11 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured To SAR (W/kg)	2	6	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70								
	NBS	43MSPSA-QFT10	DS1.3 standard	30000	1780	1	1	Front	Open	1.05	0.310	0.310	0.27	0.255	0.236	0.275	0.265	0.269	0.306	0.214	0.325	0.340	0.339	0.254	0.284	0.288	0.317	0.171								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured To SAR (W/kg)	3	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71								
	NC	23MSPSA-QFT10	DS1.3 standard	30000	1980	1	1	Back	Open	0.85	0.638	0.732	0.777	0.819	0.487	0.288	0.701	0.71	0.72	0.772	0.828	0.867	0.881	0.432	0.811	0.52	0.289	0.883								

72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140
0.216	0.221	0.227	0.199	0.136	0.19	0.255	0.641	0.384	0.225	0.275	0.287	0.296	0.33	0.263	0.267	0.212	0.258
73	77	81	85	89	93	97	101	105	109	113	117	121	125	129	133	137	141
0.672	0.715	0.564	0.365	0.362	0.468	0.387	0.536	0.768	0.34	0.487	0.582	0.7	0.674	0.738	0.757	0.561	0.463
74	78	82	86	90	94	98	102	106	110	114	118	122	126	130	134	138	142
0.257	0.27	0.248	0.19	0.212	0.255	0.291	0.59	0.224	0.31	0.34	0.353	0.458	0.372	0.354	0.338	0.501	0.238
75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143
0.686	0.588	0.652	0.287	0.211	0.619	0.488	0.733	0.27	0.541	0.623	0.657	0.754	0.637	0.656	0.662	0.54	0.637

RF exposure position												Average Value of Time Weight (dBkg)															
WISAL_A6-1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	0	17	34	51	68	85	102	119	136								
	WCDMA-V	RMC 12.2Mbps	CGI-2 elevation	4132	838.4			Left Cheek	Down	0.876	0.339	0.484	0.341	0.828	0.805	0.289	0.369	0.761	0.31								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	1	18	35	52	69	86	103	120	137								
	WCDMA-B	RMC 12.2Mbps	CGI-2 elevation	9038	1807.6			Left Throat	Down	1.07	0.857	0.97	0.803	0.82	0.885	0.94	0.738	0.743	0.45								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	2	19	36	53	70	87	104	121	138								
	LTE Band 12	10M-QPSK	CGI-2 elevation	20005	707.5	1	0	Left Cheek	Down	0.881	0.163	0.166	0.19	0.49	0	0	0.047	0.142	0.036								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	3	20	37	54	71	88	105	122	139								
	LTE Band 12	10M-QPSK	CGI-1 elevation	20005	702	1	0	Left Cheek	Down	0.867	0.389	0.394	0.386	0.702	0.332	0.341	0.333	0.303	0.709								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	4	21	38	55	72	89	106	123	140								
	LTE Band 5	10M-QPSK	CGI-2 elevation	20025	636.5	50	0	Left Cheek	Down	0.823	0.685	0.108	0.542	0.308	0.434	0.06	0.087	0.036	0.496								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	5	22	39	56	73	90	107	124	141								
	LTE Band 8B	20M-QPSK	CGI-2 elevation	12072	1770	1	0	Left Throat	Down	0.826	0.266	0.345	0.285	0.22	0.233	0.181	0.2	0.343	0.274								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	6	23	40	57	74	91	108	125	142								
	LTE Band 2	20M-QPSK	CGI-2 elevation	19100	1800	1	0	Left Throat	Down	0.876	0.685	0.051	0.705	0.407	0.702	0.008	0.309	0.738	0.031								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	7	24	41	58	75	92	109	126	143								
	NC	20M-QPSK-QP-T12	CGI-2 elevation	167300	836.5	50	28	Left Cheek	Down	0.868	0.331	0.248	0.686	0.602	0.636	0.14	0.277	0.347	0.037								
WISAL_A6-1 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	8	25	42	59	76	93	110	127	144								
	WCDMA-V	RMC 12.2Mbps	CGI-1 elevation	4162	838.4			Front	Down	0.769	0.305	0.171	0.333	0.552	0.362	0.407	0.287	0.785	0.25								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	9	26	43	60	77	94	111	128	145								
	WCDMA-B	RMC 12.2Mbps	CGI-1 elevation	9038	1807.6			Front	Down	0.873	0.844	0.687	0.816	0.509	0.87	0.609	0.023	0.835	0.56								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	10	27	44	61	78	95	112	129	146								
	LTE Band 12	10M-QPSK	CGI-1F-0b	20005	707.5	1	0	Top Side	Down	0.339	0.121	0.164	0.052	0.225	0	0.285	0.109	0.11	0.090								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	11	28	45	62	79	96	113	130	147								
	LTE Band 13	10M-QPSK	CGI-1F-0b	20005	702	1	0	Top Side	Down	0.529	0.321	0.146	0.138	0.451	0.047	0.131	0.025	0.284	0.105								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	12	29	46	63	80	97	114	131	148								
	LTE Band 5	10M-QPSK	CGI-1 elevation	20025	636.5	1	0	Front	Down	0.868	0.357	0.224	0.515	0.303	0.145	0.16	0.46	0.735	0.046								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	13	30	47	64	81	98	115	132	149								
	LTE Band 8B	20M-QPSK	CGI-1 elevation	12072	1770	50	0	Front	Down	0.862	0.183	0.238	0.272	0.278	0.19	0.207	0.261	0.285	0.185								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	14	31	48	65	82	99	116	133	150								
	LTE Band 2	20M-QPSK	CGI-1 elevation	19100	1800	50	0	Front	Down	0.868	0.96	0.767	0.647	0.567	0.787	0.386	0.715	0.853	0.705								
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dBkg)	15	32	49	66	83	100	117	134	151								
	NC	20M-QPSK-QP-T12	CGI-1F-0b	167300	836.5	50	28	Top Side	Down	0.854	0.42	0.369	0.686	0.438	0.244	0.219	0.341	0.705	0.039								