

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	824.2	836.4	848.8	
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	1860		1909.8	1850.2	1860	1909.8	
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	4357	4407	4458	
Frequency (MHz)	1852.4	1880	1907.6		826.4	836.4	846.6		
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 8	DC-HSDPA Subtest-1	22.52	22.58	22.57	24.00	22.62	22.53	22.50	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	22.56	22.66	22.81	24.00	22.62	22.43	22.66	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	22.23	22.20	22.13	23.50	22.10	21.98	21.82	23.50
3GPP Rel 8	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 1	
	TX Channel	9262	9400		9538	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	22.15	22.08	22.23	23.00	24.21	24.27	24.26	25.00
3GPP Rel 99	RMC 12.2Kbps	22.17	22.39	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 8	DC-HSDPA Subtest-1	21.08	21.11	21.15	22.00	23.01	23.17	23.20	24.00
3GPP Rel 8	DC-HSDPA Subtest-2	21.11	21.09	21.12	22.00	22.99	23.18	23.21	24.00
3GPP Rel 8	DC-HSDPA Subtest-3	20.70	20.75	20.80	21.50	22.46	22.66	22.72	23.50
3GPP Rel 8	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 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	3569	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	21	2			
Channel				55315	55820	56160	56665					
Frequency (MHz)				3597.5	3598	3622	3692.5					
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	21.59					
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	20.83	20.84					
15	64QAM	1	74	20.82	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	21	2			
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			23	0	
10	QPSK	1	25	21.96	21.89	21.91	21.92					
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	22	1			
10	64QAM	25	0	19.89	19.85	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	21	2			
Channel				55265	55810	56170	56715					
Frequency (MHz)				3552.5	3607	3643	3697.5					
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	20.88	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	21	2			



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	RM-C 12.2Kbps	15.74	15.84	16.12	16.80	20.52	20.54	20.57	21.80
3GPP Rel 6	HSDPA Subtest1	14.78	14.84	14.90	15.30	19.42	19.42	19.52	20.80
3GPP Rel 6	HSDPA Subtest2	14.82	14.85	14.91	15.80	19.43	19.44	19.56	20.80
3GPP Rel 6	HSDPA Subtest3	14.34	14.35	14.40	15.30	18.93	18.94	18.99	20.30
3GPP Rel 6	HSDPA Subtest4	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	18.92	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	WCDMA R(DSI 2_Sim-Tx)			Ant 1	WCDMA V(DSI 2_Sim-Tx)			Ant 1	
	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		326.4	353.4	348.6		
3GPP Rel 99	AMR 12.2Kbps	13.20	15.07	15.18	15.80	19.30	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	17.88	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	12.08	12.80	16.68	16.69	16.80	17.80
3GPP Rel 6	HSUPA Subtest-3	12.86	12.95	13.08	13.30	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 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				
Frequency (MHz)				3560	3569	3641	3690				
20	QPSK	1	0	21.24	21.23	21.25	21.07	22.5	0		
20	QPSK	1	49	21.32	21.44	21.27	21.16				
20	QPSK	1	99	21.20	21.21	21.19	21.03				
20	QPSK	50	0	21.30	21.42	21.25	21.15				
20	QPSK	50	24	21.26	21.37	21.19	21.09	22.5	0		
20	QPSK	50	50	21.08	21.13	21.22	21.04				
20	QPSK	100	0	21.25	21.31	21.19	21.13				
20	16QAM	1	0	21.27	21.29	21.26	21.19				
20	16QAM	1	49	21.31	21.30	21.32	21.15	22.5	0		
20	16QAM	1	99	21.30	21.31	21.29	21.20				
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	0.5		
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	0.5		
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	21	1.5		
Channel				55315	55820	56160	56665				
Frequency (MHz)				3597.5	3606	3642	3692.5				
15	QPSK	1	0	21.19	21.24	21.17	21.07			22.5	0
15	QPSK	1	37	21.32	21.08	21.27	21.07				
15	QPSK	1	74	21.39	21.07	21.16	20.88				
15	QPSK	36	0	21.37	21.14	21.33	20.84				
15	QPSK	36	20	21.20	21.12	21.25	21.38	22.5	0		
15	QPSK	36	39	21.33	21.26	21.07	21.26				
15	QPSK	75	0	21.22	21.25	21.34	21.01				
15	16QAM	1	0	21.23	21.19	21.11	21.03				
15	16QAM	1	37	21.24	21.28	21.19	21.16	22.5	0		
15	16QAM	1	74	21.18	21.17	21.29	21.02				
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	0.5		
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	20.83	20.84				
15	64QAM	1	74	20.82	20.69	20.64	20.85	21	1.5		
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	21	1.5		
Channel				55290	55815	56165	56690				
Frequency (MHz)				3555	3607.5	3642.5	3695				
10	QPSK	1	0	21.20	21.18	21.21	20.98			22.5	0
10	QPSK	1	25	21.28	21.17	21.43	21.16				
10	QPSK	1	49	21.22	20.87	21.04	20.82				
10	QPSK	25	0	21.18	21.08	21.07	20.83				
10	QPSK	25	12	21.19	21.10	21.36	21.07	22.5	0		
10	QPSK	25	25	21.26	21.21	21.00	21.12				
10	QPSK	50	0	21.09	21.22	21.35	20.87				
10	16QAM	1	0	21.16	21.20	21.09	21.07				
10	16QAM	1	25	21.26	21.16	21.18	21.18	22.5	0		
10	16QAM	1	49	21.25	21.19	21.16	21.09				
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	0.5		
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	1.5		
10	64QAM	25	0	19.89	19.85	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	21	1.5		
Channel				55265	55810	56170	56715				
Frequency (MHz)				3552.5	3607	3643	3697.5				
5	QPSK	1	0	21.19	21.42	21.30	21.05			22.5	0
5	QPSK	1	12	21.34	21.04	21.28	21.19				
5	QPSK	1	24	21.32	20.86	21.09	20.78				
5	QPSK	12	0	21.23	21.28	21.29	21.05				
5	QPSK	12	7	21.36	21.22	21.34	21.19	22.5	0		
5	QPSK	12	13	21.22	21.40	21.19	21.27				
5	QPSK	25	0	21.12	21.35	21.29	21.12				
5	16QAM	1	0	21.18	21.28	21.14	21.06				
5	16QAM	1	12	21.19	21.22	21.21	21.18	22.5	0		
5	16QAM	1	24	21.31	21.22	21.22	21.04				
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	0.5		
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	20.88	22	0.5		
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	21	1.5		



GSM1900(DSI_3_standalone)	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Ant 0
	512	661	810		512	661	810	Tune-up Limit (dBm)
	1650.2	1680	1909.8		1650.2	1680	1909.8	
TX Channel								
Frequency (MHz)								
GSM 1 Tx slot	26.38	26.17	26.02	27.30	17.38	17.17	17.02	18.30
GPRS 1 Tx slot	26.48	26.26	26.06	27.30	17.48	17.26	17.06	18.30
GPRS 2 Tx slots	23.15	23.15	23.24	24.30	17.15	17.15	17.24	18.30
GPRS 3 Tx slots	21.81	21.65	21.63	22.80	17.55	17.39	17.37	18.54
GPRS 4 Tx slots	20.33	19.82	19.79	21.30	17.33	16.82	16.79	18.30
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(DSI_3_standalone)	Ant 0			Ant 1			WCDMA V(DSI_3_standalone)			Ant 1		
		Tune-up Limit (dBm)			Tune-up Limit (dBm)			Tune-up Limit (dBm)			Tune-up Limit (dBm)		
		9262	9400	9538	9262	9400	9538	4132	4162	4233			
TX Channel	9262	9400	9538	9262	9400	9538	4132	4162	4233				
RX Channel	9262	9400	9538	9262	9400	9538	4132	4162	4233				
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	826.4	836.4	846.6				
3GPP Rel 99	AMR 12.2Kbps	17.70	17.68	17.92	19.00	19.22	19.13	19.25	20.30	23.28	23.14	23.34	24.50
3GPP Rel 99	RMC 12.2Kbps	17.75	17.72	17.95	19.00	19.25	19.15	19.23	20.30	23.31	23.16	23.37	24.50
3GPP Rel 6	HSDPA Subtest-1	16.48	16.54	16.60	18.00	18.20	18.08	18.23	19.30	22.12	22.12	22.22	23.50
3GPP Rel 6	HSDPA Subtest-2	16.52	16.55	16.61	18.00	18.20	18.00	18.35	19.30	22.13	22.14	22.26	23.50
3GPP Rel 6	HSDPA Subtest-3	16.04	16.05	16.10	17.50	17.74	17.61	17.78	18.80	21.63	21.64	21.39	23.00
3GPP Rel 6	HSDPA Subtest-4	15.99	16.07	16.14	17.50	17.72	17.62	17.75	18.80	21.64	21.62	21.74	23.00
3GPP Rel 8	DC-HSDPA Subtest-1	16.32	16.38	16.37	18.00	18.08	18.11	18.15	19.30	22.12	22.03	22.00	23.00
3GPP Rel 8	DC-HSDPA Subtest-2	16.36	16.46	16.61	18.00	18.11	18.09	18.12	19.30	22.12	21.93	22.16	23.00
3GPP Rel 8	DC-HSDPA Subtest-3	16.03	16.00	15.93	17.50	17.70	17.75	17.80	18.80	21.60	21.48	21.32	22.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.92	15.98	15.89	17.50	17.69	17.72	17.74	18.80	21.41	21.57	21.62	22.50
3GPP Rel 6	HSUPA Subtest-1	16.30	16.54	16.62	18.00	18.28	18.17	18.39	19.30	22.13	22.21	22.31	23.50
3GPP Rel 6	HSUPA Subtest-2	14.49	14.54	14.66	16.00	16.27	16.13	16.35	17.30	20.18	20.19	20.30	21.50
3GPP Rel 6	HSUPA Subtest-3	15.46	15.55	15.66	17.00	17.27	17.20	17.39	18.30	21.12	21.22	21.31	22.50
3GPP Rel 6	HSUPA Subtest-4	14.51	14.54	14.67	16.00	16.25	16.10	16.32	17.30	20.18	20.18	20.30	21.50
3GPP Rel 6	HSUPA Subtest-5	16.50	16.50	16.70	18.00	18.20	18.20	18.30	19.30	22.20	22.20	22.30	23.50



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			
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			
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	15.81	15.94	15.78			
20	16QAM	50	0	16.17	15.94	15.90	15.82			
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			
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			
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)				3597.5	3638	3672	3692.5			
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	15.85	16.10	15.89			
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			
15	16QAM	1	0	16.08	16.20	15.88	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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
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			
5	64QAM	12	13	16.01	16.17	16.19	16.05			
5	64QAM	25	0	16.09	16.18	16.09	15.92			



GSM1900/DS1.3_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)	1650.2	1680	1909.8	1650.2	1680	1909.8	1650.2	1680	1909.8	1650.2	1680	1909.8
GSM 1 Tx slot	24.75	24.82	24.85	25.50	15.75	15.82	15.85	16.50	15.75	15.82	15.85	16.50
GPRS 1 Tx slot	24.77	24.84	24.90	25.50	15.77	15.84	15.90	16.50	15.77	15.84	15.90	16.50
GPRS 2 Tx slots	21.37	21.65	21.48	22.50	15.37	15.66	15.48	16.50	15.37	15.66	15.48	16.50
GPRS 3 Tx slots	19.85	19.78	19.71	20.80	15.59	15.52	15.45	16.54	15.59	15.52	15.45	16.54
GPRS 4 Tx slots	18.97	18.70	19.13	19.50	15.97	15.70	16.13	16.50	15.97	15.70	16.13	16.50
EDGE 1 Tx slot	24.84	24.69	25.05	25.50	15.84	15.69	16.05	16.50	15.84	15.69	16.05	16.50
EDGE 2 Tx slot	21.68	22.13	21.75	22.50	15.68	16.13	15.75	16.50	15.68	16.13	15.75	16.50
EDGE 3 Tx slots	19.82	19.85	19.87	20.50	15.56	15.59	15.61	16.24	15.56	15.59	15.61	16.24
EDGE 4 Tx slots	18.56	18.51	18.61	19.50	15.56	15.51	15.61	16.50	15.56	15.51	15.61	16.50

Band	WCDMA I(DS1.3_Sim-Tx)	Ant 0			Ant 1			WCDMA V(DS1.3_Sim-Tx)			Ant 1		
		9262	9400	9538	9262	9400	9538	4132	4182	4233	Tune-up Limit (dBm)	Tune-up Limit (dBm)	
TX Channel	9262	9400	9538	9262	9400	9538	4132	4182	4233	9262	9400	9538	
Rx Channel	1852.4	1880	1907.6	1852.4	1880	1907.6	836.4	836.4	846.6	1852.4	1880	1907.6	
Frequency (MHz)	1852.4	1880	1907.6	1852.4	1880	1907.6	836.4	836.4	846.6	1852.4	1880	1907.6	
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	23.50
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	23.50
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	22.50
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	22.50
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	22.00
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	22.00
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	22.50
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	22.50
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	22.00
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	22.00
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	22.50
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	20.50
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	21.50
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	20.50
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	22.50



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	3569	3611	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			
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			
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			
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			
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			
Channel				55315	55820	56160	56665	16	0	
Frequency (MHz)				3597.5	3606	3642	3697.5			
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			
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	14.98			
15	16QAM	1	37	15.18	15.12	15.23	15.14			
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			
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	14.84	15.00			
15	64QAM	1	74	14.88	15.03	14.74	15.14			
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			
Channel				55290	55815	56165	56690	16	0	
Frequency (MHz)				3555	3607.5	3642.5	3695			
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			
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			
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			
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			
10	64QAM	25	0	15.16	15.15	15.14	15.18			
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			
Channel				55265	55810	56170	56715	16	0	
Frequency (MHz)				3552.5	3607	3643	3697.5			
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			
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			
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			
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			
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			



GSM1900(DSI 6, standalone)	Burnt Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Ant 0
	512	661	810		512	661	810	Tune-up Limit (dBm)
	Frequency (MHz)	1852.2	1880		1907.6	1852.2	1880	1907.6
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 slot	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(DSI 6, standalone)	Ant 0			Ant 1			
		Tune-up Limit (dBm)			Tune-up Limit (dBm)			
		9262	9400	9538	9262	9400	9538	
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	20.50	22.00	20.74	20.85	20.97
3GPP Rel 99	RMC 12.2Kbps	20.69	20.72	20.92	22.00	20.77	20.87	21.01
3GPP Rel 6	HSDPA Subtest-1	19.78	19.84	19.90	21.00	19.70	19.58	19.73
3GPP Rel 6	HSDPA Subtest-2	19.82	19.85	19.91	21.00	19.70	19.50	19.85
3GPP Rel 6	HSDPA Subtest-3	19.34	19.35	19.40	20.50	19.24	19.11	19.28
3GPP Rel 6	HSDPA Subtest-4	19.29	19.37	19.44	20.50	19.22	19.12	19.25
3GPP Rel 8	DC-HSDPA Subtest-1	19.62	19.68	19.67	21.00	19.58	19.61	19.65
3GPP Rel 8	DC-HSDPA Subtest-2	19.66	19.76	19.91	21.00	19.61	19.59	19.62
3GPP Rel 8	DC-HSDPA Subtest-3	19.33	19.30	19.23	20.50	19.20	19.25	19.30
3GPP Rel 8	DC-HSDPA Subtest-4	19.22	19.28	19.19	20.50	19.19	19.22	19.24
3GPP Rel 6	HSUPA Subtest-1	19.80	19.84	19.92	21.00	19.76	19.67	19.89
3GPP Rel 6	HSUPA Subtest-2	17.79	17.84	17.96	19.00	17.77	17.63	17.85
3GPP Rel 6	HSUPA Subtest-3	18.76	18.85	18.96	20.00	18.77	18.70	18.89
3GPP Rel 6	HSUPA Subtest-4	17.81	17.84	17.97	19.00	17.75	17.60	17.82
3GPP Rel 6	HSUPA Subtest-5	19.80	19.80	20.00	21.00	19.70	19.80	20.80



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			
Frequency (MHz)				3560	3569	3611	3690			
20	QPSK	1	0	19.47	19.33	19.24	19.12	20.5	0	
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	QPSK	50	0	19.50	19.56	19.32	19.20			
20	QPSK	50	24	19.45	19.38	19.30	19.05	20.5	0	
20	QPSK	50	50	19.42	19.33	19.21	19.02			
20	16QAM	100	0	19.46	19.48	19.28	19.11			
20	16QAM	1	0	19.50	19.28	19.32	19.23			
20	16QAM	1	49	19.47	19.17	19.28	19.12	20.5	0	
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	16QAM	50	24	19.43	19.20	19.22	19.15			
20	16QAM	50	50	19.40	19.22	19.25	19.13	20.5	0	
20	16QAM	100	0	19.38	19.20	19.31	19.15			
20	64QAM	1	0	19.52	19.27	19.32	19.23			
20	64QAM	1	49	19.39	19.27	19.29	19.11			
20	64QAM	1	99	19.32	19.29	19.15	18.99	20.5	0	
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	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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3557.5	3568	3622	3692.5			
15	QPSK	1	0	19.37	19.54	19.49	19.37	20.5	0	
15	QPSK	1	37	19.41	19.48	19.40	19.46			
15	QPSK	1	74	19.46	19.46	19.40	19.44			
15	QPSK	36	0	19.50	19.38	19.55	19.37			
15	QPSK	36	20	19.41	19.50	19.42	19.49	20.5	0	
15	QPSK	36	39	19.42	19.44	19.45	19.48			
15	QPSK	75	0	19.47	19.38	19.43	19.54			
15	16QAM	1	0	19.55	19.51	19.45	19.41			
15	16QAM	1	37	19.55	19.50	19.40	19.42	20.5	0	
15	16QAM	1	74	19.37	19.40	19.49	19.42			
15	16QAM	36	0	19.55	19.39	19.39	19.39			
15	16QAM	36	20	19.53	19.52	19.46	19.43			
15	16QAM	36	39	19.37	19.37	19.51	19.50	20.5	0	
15	16QAM	75	0	19.38	19.52	19.37	19.41			
15	64QAM	1	0	19.44	19.37	19.37	19.42			
15	64QAM	1	37	19.39	19.53	19.53	19.52			
15	64QAM	1	74	19.50	19.44	19.43	19.40	20.5	0	
15	64QAM	36	0	19.49	19.44	19.44	19.38			
15	64QAM	36	20	19.45	19.37	19.54	19.49			
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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3555	3597.5	3642.5	3695			
10	QPSK	1	0	19.43	19.48	19.43	19.40	20.5	0	
10	QPSK	1	25	19.47	19.37	19.50	19.48			
10	QPSK	1	49	19.40	19.42	19.42	19.48			
10	QPSK	25	0	19.52	19.39	19.37	19.51			
10	QPSK	25	12	19.48	19.55	19.45	19.42	20.5	0	
10	QPSK	25	25	19.45	19.38	19.51	19.38			
10	QPSK	50	0	19.52	19.47	19.38	19.39			
10	16QAM	1	0	19.37	19.37	19.48	19.43			
10	16QAM	1	25	19.52	19.52	19.38	19.44	20.5	0	
10	16QAM	1	49	19.41	19.46	19.53	19.37			
10	16QAM	25	0	19.40	19.43	19.53	19.45			
10	16QAM	25	12	19.39	19.55	19.42	19.52			
10	16QAM	25	25	19.38	19.48	19.40	19.47	20.5	0	
10	16QAM	50	0	19.41	19.49	19.54	19.41			
10	64QAM	1	0	19.45	19.54	19.43	19.50			
10	64QAM	1	25	19.51	19.55	19.55	19.41			
10	64QAM	1	49	19.48	19.55	19.55	19.55	20.5	0	
10	64QAM	25	0	19.42	19.46	19.51	19.37			
10	64QAM	25	12	19.43	19.40	19.37	19.41			
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	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3552.5	3607	3643	3697.5			
5	QPSK	1	0	19.53	19.45	19.54	19.50	20.5	0	
5	QPSK	1	12	19.51	19.44	19.42	19.40			
5	QPSK	1	24	19.40	19.43	19.46	19.49			
5	QPSK	12	0	19.39	19.48	19.37	19.55			
5	QPSK	12	7	19.46	19.48	19.45	19.51	20.5	0	
5	QPSK	12	13	19.51	19.54	19.38	19.52			
5	QPSK	25	0	19.48	19.48	19.49	19.48			
5	16QAM	1	0	19.41	19.46	19.47	19.55			
5	16QAM	1	12	19.39	19.39	19.47	19.46	20.5	0	
5	16QAM	1	24	19.51	19.55	19.45	19.47			
5	16QAM	12	0	19.36	19.50	19.42	19.49			
5	16QAM	12	7	19.54	19.50	19.48	19.38			
5	16QAM	12	13	19.51	19.47	19.49	19.45	20.5	0	
5	16QAM	25	0	19.51	19.44	19.41	19.52			
5	64QAM	1	0	19.49	19.46	19.41	19.39			
5	64QAM	1	12	19.43	19.40	19.54	19.40			
5	64QAM	1	24	19.40	19.38	19.50	19.41	20.5	0	
5	64QAM	12	0	19.50	19.48	19.45	19.51			
5	64QAM	12	7	19.40	19.48	19.53	19.43			
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	1907.8		1852.2	1880	1907.8	
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 slot	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 0	Ant 1
Band	WCDMA HDSI_6_Sim-Tx)			Tune-up Limit (dBm)	WCDMA HDSI_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



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 offse	RB Size	RB offse					
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 offse	RB Size	RB offse					
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 offse	RB Size	RB offse					
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											
PCC Channel	SCC Channel	Modulation	PCC				SCC			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	PCC1 Power (dBm)	SCC2 Power (dBm)	RB Size				
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	17.81	17.25	20.29	19	19	22.0	
			50	24	50	24	17.51	17.31	20.42	19	19	22.0	
18900	20175	QPSK	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	
			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	
19100	20300	QPSK	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	
			1	0	1	0	20.06	13.74	20.97	21	15	22.0	

Tune up Power (dBm)

PCC:Ant 1 SCC:Ant 0		CA_4A-2A											
PCC Channel	SCC Channel	Modulation	PCC				SCC			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	PCC1 Power (dBm)	SCC2 Power (dBm)	RB Size				
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	17.40	20.26	18	18	21.0	
			50	24	50	24	17.09	16.73	19.92	18	18	21.0	
20175	18900	QPSK	50	50	50	50	17.04	16.66	19.96	18	18	21.0	
			100	0	100	0	17.00	16.73	19.88	18	18	21.0	
			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	
20300	19100	QPSK	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	
			1	0	1	0	19.68	13.14	20.55	20	14	21.0	

Tune up Power (dBm)

PCC:Ant 0 SCC:Ant 1		CA_2A-4A											
PCC Channel	SCC Channel	Modulation	PCC				SCC			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	PCC1 Power (dBm)	SCC2 Power (dBm)	RB Size				
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	15.08	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	
18900	20175	QPSK	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	
			1	0	1	0	20.97	15.33	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	
19100	20300	QPSK	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	
			1	0	1	0	21.67	15.51	22.61	22.5	16.5	23.5	

Tune up Power (dBm)

PCC:Ant 0 SCC:Ant 1		CA_4A-2A											
PCC Channel	SCC Channel	Modulation	PCC				SCC			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	PCC1 Power (dBm)	SCC2 Power (dBm)	RB Size				
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	
20175	18900	QPSK	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	
			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	
20300	19100	QPSK	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	
			1	0	1	0	21.46	16.25	22.60	22.5	16.5	23.5	



PCC:Ant 1 SCC:Ant 0

Tune up Power (dBm)

PCC Channel	SCC Channel	Modulation	CA_2A-66A									
			PCC				SCC					
			RB Size	RB offset	RB Size	RB offset	PCC1 Power (dBm)	PCC2 Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)		
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	18.84	17.34	20.01	18.5	18.5	21.5
			50	24	50	24	18.69	18.95	19.83	18.5	18.5	21.5
18900	132322	QPSK	50	50	50	50	18.83	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
			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
19100	132572	QPSK	50	0	50	0	18.77	16.10	19.71	18.5	18.5	21.5
			50	24	50	24	18.66	15.86	19.54	18.5	18.5	21.5
			50	50	50	50	18.70	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
			1	0	1	0	19.60	13.10	20.48	20.5	14.5	21.5

PCC:Ant 1 SCC:Ant 0

Tune up Power (dBm)

PCC Channel	SCC Channel	Modulation	CA_66A-2A									
			PCC				SCC					
			RB Size	RB offset	RB Size	RB offset	PCC1 Power (dBm)	PCC2 Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)		
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	16.66	16.68	19.63	18	18	21.0
132322	18900	QPSK	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
			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
132572	19100	QPSK	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
			1	0	1	0	18.89	13.58	20.01	20	14	21.0

PCC:Ant 0 SCC:Ant 1

Tune up Power (dBm)

PCC Channel	SCC Channel	Modulation	CA_2A-66A									
			PCC				SCC					
			RB Size	RB offset	RB Size	RB offset	PCC1 Power (dBm)	PCC2 Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)		
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
18900	132322	QPSK	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
			1	0	1	0	20.76	15.01	21.78	22.5	16.5	23.5
			1	49	1	49	20.85	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
19100	132572	QPSK	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
			1	0	1	0	21.34	14.62	22.18	22.5	16.5	23.5

PCC:Ant 0 SCC:Ant 1

Tune up Power (dBm)

PCC Channel	SCC Channel	Modulation	CA_66A-2A									
			PCC				SCC					
			RB Size	RB offset	RB Size	RB offset	PCC1 Power (dBm)	PCC2 Power (dBm)	Measured Power (dBm)	Tune up Power (dBm)		
132072	18700	QPSK	1	0	1	0	21.78	14.67	22.55	22.5	16.5	23.5
			1	49	1	49	21.68	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
132322	18900	QPSK	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
			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
132572	19100	QPSK	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
			1	0	1	0	19.46	16.19	21.14	22.5	16.5	23.5



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		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	PCC1 Power (dBm)	SCC2 Power (dBm)				
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
18900	23230	QPSK	50	50	25	25	17.12	18.47	20.86	18.5	19.5	22.0
			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
19100	23230	QPSK	50	0	25	0	16.85	19.22	21.21	18.5	19.5	22.0
			50	24	25	12	16.87	18.83	20.87	18.5	19.5	22.0
			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

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		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	PCC1 Power (dBm)	SCC2 Power (dBm)				
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
23230	18900	QPSK	25	25	50	50	18.08	18.64	21.38	20	20	23.0
			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
23230	19100	QPSK	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
			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

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		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	PCC1 Power (dBm)	SCC2 Power (dBm)				
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
18900	23230	QPSK	50	50	25	25	18.62	18.03	21.35	20	20	23.0
			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
19100	23230	QPSK	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
			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

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		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	PCC1 Power (dBm)	SCC2 Power (dBm)				
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
23230	18900	QPSK	25	25	50	50	18.96	17.57	21.33	20.5	19	22.8
			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
23230	19100	QPSK	25	0	50	0	19.74	17.29	21.40	20.5	19	22.8
			25	12	50	24	19.32	17.27	21.43	20.5	19	22.8
			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



PCC:Ant 1 SCC:Ant 0

Tune up Power (dBm)

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)
CA 4A-5A		RB Size		RB offset	RB Size	RB offset	PCC1 Power (dBm)	SCC2 Power (dBm)							
Combination 20MHz+10MHz (100RB+50RB)															
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			
20175	20525	QPSK	50	50	25	25	16.79	19.17	21.15	17.5	20	21.9			
			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			
20300	20600	QPSK	50	0	25	0	16.89	19.24	21.23	17.5	20	21.9			
			50	24	25	12	16.86	19.30	21.27	17.5	20	21.9			
			50	50	25	25	16.99	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			

PCC:Ant 1 SCC:Ant 0

Tune up Power (dBm)

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)
CA 5A-4A		RB Size		RB offset	RB Size	RB offset	PCC1 Power (dBm)	SCC2 Power (dBm)							
Combination 10MHz+20MHz (50RB+100RB)															
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	18.96	18.77	21.73	20	20	23.0			
			25	12	50	24	18.66	18.91	21.80	20	20	23.0			
20525	20175	QPSK	25	25	50	50	18.44	18.91	21.69	20	20	23.0			
			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			
20600	20300	QPSK	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			
			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			

PCC:Ant 0 SCC:Ant 1

Tune up Power (dBm)

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)
CA 4A-5A		RB Size		RB offset	RB Size	RB offset	PCC1 Power (dBm)	SCC2 Power (dBm)							
Combination 20MHz+10MHz (100RB+50RB)															
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	22.16	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			
20175	20525	QPSK	50	50	25	25	18.91	18.49	21.72	20.5	20	23.3			
			100	0	50	0	18.90	18.63	21.78	20.5	20	23.3			
			1	0	1	0	21.16	18.19	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			
20300	20600	QPSK	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			
			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			

PCC:Ant 0 SCC:Ant 1

Tune up Power (dBm)

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)
CA 5A-4A		RB Size		RB offset	RB Size	RB offset	PCC1 Power (dBm)	SCC2 Power (dBm)							
Combination 10MHz+20MHz (50RB+100RB)															
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			
20525	20175	QPSK	25	25	50	50	19.70	17.67	21.81	21.5	19.5	23.6			
			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			
20600	20300	QPSK	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			
			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			



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			
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			
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			
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 up 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	18.31	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			
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	19.32	21.06	17.5	20	21.9			
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			
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			
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 up 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			
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			
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		CA_13A-66A									
PCC Channel	SCC Channel	Modulation	Combination 10MHz+20MHz (50RB+100RB)										
			PCC				SCC		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	PCC1 Power (dBm)	SCC2 Power (dBm)					
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	18.02	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	

PCC:Ant 1		SCC:Ant 0		CA_66A-13A									
PCC Channel	SCC Channel	Modulation	Combination 20MHz+10MHz (100RB+50RB)										
			PCC				SCC		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	PCC1 Power (dBm)	SCC2 Power (dBm)					
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	20.89	18.5	19.5	22.0	
			50	24	25	12	17.27	18.44	20.60	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	50	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	20.60	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	

PCC:Ant 0		SCC:Ant 1		CA_13A-66A									
PCC Channel	SCC Channel	Modulation	Combination 10MHz+20MHz (50RB+100RB)										
			PCC				SCC		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	PCC1 Power (dBm)	SCC2 Power (dBm)					
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	

PCC:Ant 0		SCC:Ant 1		CA_66A-13A									
PCC Channel	SCC Channel	Modulation	Combination 20MHz+10MHz (100RB+50RB)										
			PCC				SCC		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	PCC1 Power (dBm)	SCC2 Power (dBm)					
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	50	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	



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		
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	23.5	0.5
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		
20	PI/2 BPSK	100	0	22.77	22.75	22.69	23.5	0.5
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	23.0	1.0
20	QPSK	50	28	23.13	22.91	22.91	24.0	0.0
20	QPSK	50	56	22.11	22.05	21.99		
20	QPSK	100	0	22.27	22.22	22.21	23.0	1.0
20	16QAM	1	1	22.25	22.15	22.14	23.0	1.0
20	64QAM	1	1	20.76	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		
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		
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		
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		
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	23.5	0.5
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		
20	PI/2 BPSK	100	0	22.93	22.80	22.74	23.5	0.5
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	23.0	1.0
20	QPSK	50	28	23.28	23.18	23.18	24.0	0.0
20	QPSK	50	56	22.26	22.17	22.21		
20	QPSK	100	0	22.38	22.32	22.33	23.0	1.0
20	16QAM	1	1	22.59	22.43	22.47	23.0	1.0
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		
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		
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		
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			
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	24.0	0.0	
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	24.0	0.0	
20	QPSK	50	28	23.19	23.15	23.08	24.0	0.0	
20	QPSK	50	56	23.12	23.05	22.99			
20	QPSK	100	0	23.20	23.12	23.08	24.0	0.0	
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				168300	167300	168300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				831.5	836.5	841.5			
15	PI/2 BPSK	1	1	23.21	23.12	23.05	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI/2 BPSK	1	1	23.23	23.22	23.18	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI/2 BPSK	1	1	23.21	23.19	23.18	24.0	0.0	

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			
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	23.5	0.5	
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	23.0	1.0	
20	QPSK	50	28	23.31	23.31	23.27	24.0	0.0	
20	QPSK	50	56	22.44	22.43	22.39			
20	QPSK	100	0	22.53	22.51	22.47	23.0	1.0	
20	16QAM	1	1	22.58	22.57	22.49	23.0	1.0	
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			
15	PI/2 BPSK	1	1	23.24	23.07	23.04	24.0	0.0	
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				829	836.5	844			
10	PI/2 BPSK	1	1	23.25	23.15	23.17	24.0	0.0	
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				826.5	836.5	846.5			
5	PI/2 BPSK	1	1	23.25	23.15	23.17	24.0	0.0	



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		
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	23.5	0.5
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	23.0	1.0
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	23.0	1.0
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		
30	PI/2 BPSK	1	1	22.68	22.76	22.75	24.0	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
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		
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		
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		
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		
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	24.0	0.0
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	23.5	0.5
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	23.5	0.5
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		
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		
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		
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		
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		
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					3500.01				
Frequency (MHz)					22.91				
100	PI/2 BPSK	1	1		22.83		24.0	0.0	
100	PI/2 BPSK	1	137		22.85				
100	PI/2 BPSK	1	271		22.84				
100	PI/2 BPSK	135	0		22.84		24.0	0.0	
100	PI/2 BPSK	135	69		22.68		24.0	0.0	
100	PI/2 BPSK	135	138		22.63				
100	PI/2 BPSK	270	0		22.75		24.0	0.0	
100	QPSK	1	1		22.81				
100	QPSK	1	137		22.80		24.0	0.0	
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					3500.01				
Frequency (MHz)					25.83				
100	PI/2 BPSK	1	1		25.82				
100	PI/2 BPSK	1	137		25.75		27.0	0.0	
100	PI/2 BPSK	1	271		25.31				
100	PI/2 BPSK	135	0		25.83		27.0	0.0	
100	PI/2 BPSK	135	69		25.16				
100	PI/2 BPSK	135	138		25.22		27.0	0.0	
100	PI/2 BPSK	270	0		25.86				
100	QPSK	1	1		25.81		27.0	0.0	
100	QPSK	1	137		25.77				
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 (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
90	PI/2 BPSK	1	1		25.71	25.78	25.69	27.0	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		25.76	25.82	25.70	27.0	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		25.79	25.75	25.69	27.0	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		25.84	25.78	25.63	27.0	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		25.83	25.88	25.69	27.0	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		25.87	25.91	25.58	27.0	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		25.88	25.90	25.69	27.0	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		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			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	22.90	22.95	22.80	24.0	0.0	
100	PI/2 BPSK	1	137	22.87	22.94	22.76			
100	PI/2 BPSK	1	271	22.75	22.85	22.61			
100	PI/2 BPSK	135	0	22.80	22.87	22.75	24.0	0.0	
100	PI/2 BPSK	135	69	22.87	22.92	22.77	24.0	0.0	
100	PI/2 BPSK	135	138	22.79	22.85	22.68	24.0	0.0	
100	PI/2 BPSK	270	0	22.64	22.87	22.75			
100	QPSK	1	1	22.61	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			
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			
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			
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			
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			
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			
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			
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			
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			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	25.96	26.00	25.83	27.0	0.0	
100	PI/2 BPSK	1	137	25.92	25.99	25.74			
100	PI/2 BPSK	1	271	25.85	25.81	25.53			
100	PI/2 BPSK	135	0	25.42	25.37	25.32	26.5	0.5	
100	PI/2 BPSK	135	69	25.92	25.95	25.79	27.0	0.0	
100	PI/2 BPSK	135	138	25.39	25.31	25.16	26.5	0.5	
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			
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			
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			
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			
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			
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			
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			
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			
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	633334			
Frequency (MHz)				3500.01	3500.01			
100	PI/2 BPSK	1	1	22.97	22.97		24.0	0.0
100	PI/2 BPSK	1	137	23.13	23.13			
100	PI/2 BPSK	1	271	23.07	23.07			
100	PI/2 BPSK	135	0	23.00	23.00		23.5	0.5
100	PI/2 BPSK	135	69	23.08	23.08		24.0	0.0
100	PI/2 BPSK	135	138	22.97	22.97		23.5	0.5
100	PI/2 BPSK	270	0	23.08	23.08			
100	QPSK	1	1	22.88	22.88			
100	QPSK	1	137	23.08	23.08		24.0	0.0
100	QPSK	1	271	23.06	23.06			
100	QPSK	135	0	22.55	22.55			
100	QPSK	135	69	23.08	23.08		24.0	0.0
100	QPSK	135	138	22.58	22.58			
100	QPSK	270	0	22.61	22.61		23.0	1.0
100	16QAM	1	1	22.45	22.45		23.0	1.0
100	64QAM	1	1	20.82	20.82		21.5	2.5
100	256QAM	1	1	18.68	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				632688	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				630688	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	22.85			
100	PI/2 BPSK	1	137	22.77	22.77		24.0	0.0
100	PI/2 BPSK	1	271	22.75	22.75			
100	PI/2 BPSK	135	0	22.75	22.75		23.5	0.5
100	PI/2 BPSK	135	69	22.77	22.77		24.0	0.0
100	PI/2 BPSK	135	138	22.64	22.64		23.5	0.5
100	PI/2 BPSK	270	0	22.74	22.74			
100	QPSK	1	1	22.78	22.78			
100	QPSK	1	137	22.83	22.83		24.0	0.0
100	QPSK	1	271	22.79	22.79			
100	QPSK	135	0	22.31	22.31			
100	QPSK	135	69	22.78	22.78		24.0	0.0
100	QPSK	135	138	22.30	22.30			
100	QPSK	270	0	22.24	22.24		23.0	1.0
100	16QAM	1	1	22.51	22.51		23.0	1.0
100	64QAM	1	1	20.78	20.78		21.5	2.5
100	256QAM	1	1	18.92	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	22.89	22.64	24.0	0.0



n77_FCC(Part27Q)-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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	19.99	20.08	19.91	21.0	0.0
100	PI/2 BPSK	1	137	19.89	19.92	19.72		
100	PI/2 BPSK	1	271	19.77	19.90	19.67		
100	PI/2 BPSK	135	0	19.70	19.83	19.76	21.0	0.0
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	21.0	0.0
100	PI/2 BPSK	270	0	19.87	19.90	19.75		
100	QPSK	1	1	19.82	19.79	19.75		
100	QPSK	1	137	19.93	19.82	19.70	21.0	0.0
100	QPSK	1	271	19.75	19.81	19.57		
100	QPSK	135	0	19.75	19.93	19.73		
100	QPSK	135	69	19.75	19.84	19.78	21.0	0.0
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(Part27Q)-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		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	19.98			21.0	0.0
100	PI/2 BPSK	1	137	19.78				
100	PI/2 BPSK	1	271	19.83				
100	PI/2 BPSK	135	0	19.86			21.0	0.0
100	PI/2 BPSK	135	69	19.88			21.0	0.0
100	PI/2 BPSK	135	138	19.58			21.0	0.0
100	PI/2 BPSK	270	0	19.62				
100	QPSK	1	1	19.79				
100	QPSK	1	137	19.76			21.0	0.0
100	QPSK	1	271	19.81				
100	QPSK	135	0	19.81				
100	QPSK	135	69	19.67			21.0	0.0
100	QPSK	135	138	19.55				
100	QPSK	270	0	19.76			21.0	0.0
100	16QAM	1	1	19.74			21.0	0.0
100	64QAM	1	1	19.86			21.0	0.0
100	256QAM	1	1	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) (DS14_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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	20.23	20.24	20.17	21.0	0.0
100	PI/2 BPSK	1	137	20.16	20.16	20.16		
100	PI/2 BPSK	1	271	20.00	19.96	20.09		
100	PI/2 BPSK	135	0	20.13	20.01	19.90	21.0	0.0
100	PI/2 BPSK	135	69	20.15	20.19	20.02	21.0	0.0
100	PI/2 BPSK	135	138	20.05	20.13	19.93	21.0	0.0
100	PI/2 BPSK	270	0	19.95	19.97	19.94		
100	QPSK	1	1	20.21	19.92	19.86		
100	QPSK	1	137	20.15	20.12	19.96	21.0	0.0
100	QPSK	1	271	19.93	20.03	20.05		
100	QPSK	135	0	20.19	20.09	20.13		
100	QPSK	135	69	20.14	20.05	19.95	21.0	0.0
100	QPSK	135	138	20.07	19.96	19.93		
100	QPSK	270	0	20.17	19.94	19.99	21.0	0.0
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				649688	656000	662332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
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		
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		
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		
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		
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		
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		
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		
20	PI/2 BPSK	1	1	19.99	20.08	20.12	21.0	0.0

n77_FCC(Ant 5)(Part27Q) (DS14_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		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	20.19			21.0	0.0
100	PI/2 BPSK	1	137	20.13				
100	PI/2 BPSK	1	271	20.14				
100	PI/2 BPSK	135	0	20.15			21.0	0.0
100	PI/2 BPSK	135	69	20.16			21.0	0.0
100	PI/2 BPSK	135	138	20.13			21.0	0.0
100	PI/2 BPSK	270	0	20.14				
100	QPSK	1	1	20.00				
100	QPSK	1	137	19.97			21.0	0.0
100	QPSK	1	271	19.99				
100	QPSK	135	0	20.11				
100	QPSK	135	69	20.10			21.0	0.0
100	QPSK	135	138	19.98				
100	QPSK	270	0	20.06			21.0	0.0
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		
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		
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		
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		
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		
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		
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		
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		
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		
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	19.0	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		
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	19.0	0.0
20	16QAM	1	1	18.06	17.92	17.60	19.0	0.0
20	64QAM	1	1	17.87	17.56	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		
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		
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		
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		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	16.06	15.92	15.90		
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	17.0	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		
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	17.0	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		
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		
10	PI/2 BPSK	1	1	16.03	15.91	15.84	17.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	16.04	15.93	15.86	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		
Frequency (MHz)				1860	1880	1900		
20	PI/2 BPSK	1	1	21.16	20.93	20.85		
20	PI/2 BPSK	1	53	20.90	20.82	20.80	22.0	0.0
20	PI/2 BPSK	1	104	20.91	20.89	20.76		
20	PI/2 BPSK	50	0	20.90	20.86	20.85	22.0	0.0
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	22.0	0.0
20	PI/2 BPSK	100	0	21.05	21.03	20.95		
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	22.0	0.0
20	QPSK	50	56	20.92	20.84	20.78		
20	QPSK	100	0	21.02	20.98	20.99	22.0	0.0
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		
15	PI/2 BPSK	1	1	21.03	20.74	20.60	22.0	0.0
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1855	1880	1905		
10	PI/2 BPSK	1	1	20.94	20.67	20.64	22.0	0.0
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1852.5	1880	1907.5		
5	PI/2 BPSK	1	1	21.02	20.72	20.73	22.0	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		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	18.37	18.44	18.27		
40	PI/2 BPSK	1	108	18.31	18.32	18.25	19.3	0.0
40	PI/2 BPSK	1	214	18.30	18.17	18.14		
40	PI/2 BPSK	108	0	18.25	18.26	18.23	19.3	0.0
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	19.3	0.0
40	PI/2 BPSK	216	0	18.20	18.23	18.19		
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	19.3	0.0
40	QPSK	108	108	18.27	18.29	18.30	19.3	0.0
40	QPSK	216	0	18.20	18.27	18.23	19.3	0.0
40	16QAM	1	1	18.17	18.11	18.21	19.3	0.0
40	64QAM	1	1	18.18	18.27	18.30	19.3	0.0
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		
30	PI/2 BPSK	1	1	18.17	18.27	18.21	19.3	0.0
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	18.34	18.38	18.30	19.3	0.0
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	18.27	18.34	18.29	19.3	0.0
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	18.36	18.40	18.35	19.3	0.0
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	18.38	18.43	18.39	19.3	0.0



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			
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	18.3	0.0	
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	18.3	0.0	
40	QPSK	108	54	17.09	17.32	17.19	18.3	0.0	
40	QPSK	108	108	17.23	17.29	17.27			
40	QPSK	216	0	17.16	17.25	17.25	18.3	0.0	
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			
30	PI/2 BPSK	1	1	17.17	17.29	17.21	18.3	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	17.14	17.13	17.20	18.3	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PI/2 BPSK	1	1	17.17	17.13	17.19	18.3	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PI/2 BPSK	1	1	17.26	17.22	17.05	18.3	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PI/2 BPSK	1	1	17.08	17.16	17.19	18.3	0.0	

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			
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	22.5	0.0	
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	22.5	0.0	
40	QPSK	108	54	21.25	21.45	21.19	22.5	0.0	
40	QPSK	108	108	21.26	21.31	21.46			
40	QPSK	216	0	21.35	21.43	21.38	22.5	0.0	
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			
30	PI/2 BPSK	1	1	21.27	21.41	21.29	22.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	21.52	21.49	21.45	22.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PI/2 BPSK	1	1	21.40	21.46	21.43	22.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PI/2 BPSK	1	1	21.49	21.52	21.50	22.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PI/2 BPSK	1	1	21.45	21.38	21.45	22.5	0.0	



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				1860	1880	1900			
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	17.5	0.0	
20	PI/2 BPSK	1	104	16.36	16.31	16.26			
20	PI/2 BPSK	50	0	16.37	16.26	16.26	17.5	0.0	
20	PI/2 BPSK	50	28	16.45	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	17.5	0.0	
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			
20	QPSK	100	0	16.46	16.45	16.42	17.5	0.0	
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 (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI/2 BPSK	1	1	16.29	16.27	16.24	17.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI/2 BPSK	1	1	16.47	16.41	16.32	17.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
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				1860	1880	1900			
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	16.5	0.0	
20	PI/2 BPSK	1	104	15.28	15.27	15.27			
20	PI/2 BPSK	50	0	15.37	15.27	15.24	16.5	0.0	
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	16.5	0.0	
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			
20	QPSK	100	0	15.53	15.48	15.47	16.5	0.0	
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 (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI/2 BPSK	1	1	15.33	15.31	15.16	16.5	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI/2 BPSK	1	1	15.40	15.36	15.33	16.5	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
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				1880	1880	1900			
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	20.35	20.24	20.19			
20	PI/2 BPSK	1	53	20.28	20.15	20.18	21.0	0.0	
20	PI/2 BPSK	1	104	20.20	20.18	20.17			
20	PI/2 BPSK	50	0	20.22	20.15	20.15	21.0	0.0	
20	PI/2 BPSK	50	28	20.25	20.20	20.17	21.0	0.0	
20	PI/2 BPSK	50	56	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	21.0	0.0	
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	21.0	0.0	
20	16QAM	1	1	20.32	20.24	20.26	21.0	0.0	
20	64QAM	1	1	20.27	20.20	20.18	21.0	0.0	
20	256QAM	1	1	19.25	19.13	19.21	19.5	1.5	
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	21.0	0.0	
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	21.0	0.0	
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	21.0	0.0	

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				1880	1880	1900			
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	16.99	16.84	16.88			
20	PI/2 BPSK	1	53	16.86	16.75	16.74	17.8	0.0	
20	PI/2 BPSK	1	104	16.83	16.77	16.85			
20	PI/2 BPSK	50	0	16.86	16.73	16.76	17.8	0.0	
20	PI/2 BPSK	50	28	16.92	16.82	16.80	17.8	0.0	
20	PI/2 BPSK	50	56	16.77	16.68	16.72	17.8	0.0	
20	PI/2 BPSK	100	0	16.82	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	17.8	0.0	
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	16.82	16.80	17.8	0.0	
20	16QAM	1	1	16.84	16.80	16.89	17.8	0.0	
20	64QAM	1	1	16.95	16.76	16.82	17.8	0.0	
20	256QAM	1	1	16.80	16.74	16.73	17.8	0.0	
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	17.8	0.0	
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	17.8	0.0	
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	17.8	0.0	



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				1880	1880	1900			
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	21.63	21.54	21.48			
20	PI/2 BPSK	1	53	21.51	21.37	21.42	22.7	0.0	
20	PI/2 BPSK	1	104	21.48	21.47	21.40			
20	PI/2 BPSK	50	0	21.51	21.38	21.43	22.7	0.0	
20	PI/2 BPSK	50	28	21.55	21.47	21.46			
20	PI/2 BPSK	50	56	21.48	21.30	21.42	22.7	0.0	
20	PI/2 BPSK	100	0	21.54	21.42	21.38			
20	QPSK	1	1	21.53	21.42	21.40			
20	QPSK	1	53	21.52	21.41	21.46	22.7	0.0	
20	QPSK	1	104	21.44	21.45	21.47			
20	QPSK	50	0	21.52	21.38	21.37	22.7	0.0	
20	QPSK	50	28	21.51	21.40	21.35	22.7	0.0	
20	QPSK	50	56	21.42	21.33	21.46			
20	QPSK	100	0	21.61	21.46	21.43	22.7	0.0	
20	16QAM	1	1	21.29	21.45	21.47	22.7	0.0	
20	64QAM	1	1	20.79	20.69	20.67	21.5	1.2	
20	256QAM	1	1	19.00	18.94	18.93	19.5	3.2	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI/2 BPSK	1	1	21.44	21.39	21.36	22.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI/2 BPSK	1	1	21.58	21.57	21.55	22.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI/2 BPSK	1	1	21.55	21.60	21.51	22.7	0.0	

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				1880	1880	1900			
Frequency (MHz)				1880	1880	1900			
20	PI/2 BPSK	1	1	20.85	20.77	20.70			
20	PI/2 BPSK	1	53	20.73	20.60	20.66	21.7	0.0	
20	PI/2 BPSK	1	104	20.70	20.70	20.50			
20	PI/2 BPSK	50	0	20.73	20.61	20.50	21.7	0.0	
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	21.7	0.0	
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	21.7	0.0	
20	16QAM	1	1	20.82	20.68	20.74	21.7	0.0	
20	64QAM	1	1	20.79	20.66	20.67	21.5	0.2	
20	256QAM	1	1	18.92	18.88	18.93	19.5	2.2	
Channel				371500	376000	380500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1857.5	1880	1902.5			
15	PI/2 BPSK	1	1	20.68	20.67	20.59	21.7	0.0	
Channel				371000	376000	381000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1855	1880	1905			
10	PI/2 BPSK	1	1	20.84	20.77	20.82	21.7	0.0	
Channel				370500	376000	381500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1852.5	1880	1907.5			
5	PI/2 BPSK	1	1	20.82	20.60	20.83	21.7	0.0	



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		
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	22.8	0.0
20	PI/2 BPSK	1	104	21.72	21.74	21.69		
20	PI/2 BPSK	50	0	21.83	21.85	21.78	22.8	0.0
20	PI/2 BPSK	50	28	21.86	21.68	21.82		
20	PI/2 BPSK	50	56	21.78	21.75	21.77	22.8	0.0
20	PI/2 BPSK	100	0	21.60	21.86	21.76		
20	QPSK	1	1	21.93	21.96	21.94		
20	QPSK	1	53	21.88	21.84	21.81	22.8	0.0
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		
20	QPSK	100	0	21.89	21.89	21.91	22.8	0.0
20	16QAM	1	1	21.93	21.97	21.92	22.8	0.0
20	64QAM	1	1	21.14	21.10	21.15	21.3	1.5
20	256QAM	1	1	18.75	18.72	18.67	19.8	3.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	21.85	21.79	21.80	22.8	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.70	21.72	21.69	22.8	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
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		
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	21.8	0.0
20	PI/2 BPSK	1	104	20.74	20.75	20.77		
20	PI/2 BPSK	50	0	20.84	20.93	20.90	21.8	0.0
20	PI/2 BPSK	50	28	20.96	21.02	20.92	21.8	0.0
20	PI/2 BPSK	50	56	20.83	20.80	20.85	21.8	0.0
20	PI/2 BPSK	100	0	20.88	20.95	20.85		
20	QPSK	1	1	20.81	20.85	20.79		
20	QPSK	1	53	20.72	20.71	20.70	21.8	0.0
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		
20	QPSK	100	0	20.70	20.78	20.75	21.8	0.0
20	16QAM	1	1	20.88	20.89	20.95	21.8	0.0
20	64QAM	1	1	20.84	20.93	20.91	21.3	0.5
20	256QAM	1	1	18.65	18.62	18.58	19.8	2.0
Channel				166300	167300	168300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	1	20.98	21.05	21.02	21.8	0.0
Channel				165800	167300	168800	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	1	21.05	21.10	20.99	21.8	0.0
Channel				165300	167300	169300	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				826.5	836.5	846.5		
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			
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	16.5	0.0	
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			
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	16.5	0.0	
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	MPR	
Frequency (MHz)				1725	1745	1765	(dBm)	(dB)	
30	PI/2 BPSK	1	1	15.55	15.58	15.51	16.5	0.0	
Channel				344000	349000	354000	Tune-up limit	MPR	
Frequency (MHz)				1720	1745	1770	(dBm)	(dB)	
20	PI/2 BPSK	1	1	15.48	15.52	15.31	16.5	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	15.51	15.59	15.42	16.5	0.0	
Channel				343000	349000	355000	Tune-up limit	MPR	
Frequency (MHz)				1715	1745	1775	(dBm)	(dB)	
10	PI/2 BPSK	1	1	15.48	15.60	15.44	16.5	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	15.50	15.55	15.54	16.5	0.0	

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			
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	15.5	0.0	
40	PI/2 BPSK	1	214	14.42	14.34	14.09			
40	PI/2 BPSK	108	0	14.27	14.27	14.30	15.5	0.0	
40	PI/2 BPSK	108	54	14.36	14.44	14.32	15.5	0.0	
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			
40	QPSK	1	108	14.51	14.35	14.45	15.5	0.0	
40	QPSK	1	214	14.49	14.24	14.24			
40	QPSK	108	0	14.26	14.30	14.29	15.5	0.0	
40	QPSK	108	54	14.38	14.38	14.27	15.5	0.0	
40	QPSK	108	108	14.44	14.36	14.32			
40	QPSK	216	0	14.44	14.33	14.38	15.5	0.0	
40	16QAM	1	1	14.34	14.17	14.52	15.5	0.0	
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			
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	19.3	0.0	
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			
40	PI/2 BPSK	216	0	18.48	18.65	18.50	19.3	0.0	
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	19.3	0.0	
40	QPSK	108	54	18.55	18.55	18.48	19.3	0.0	
40	QPSK	108	108	18.64	18.55	18.57			
40	QPSK	216	0	18.57	18.54	18.58	19.3	0.0	
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			
30	PI/2 BPSK	1	1	18.61	18.67	18.59	19.3	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	18.54	18.66	18.36	19.3	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PI/2 BPSK	1	1	18.65	18.69	18.53	19.3	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PI/2 BPSK	1	1	18.58	18.67	18.55	19.3	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PI/2 BPSK	1	1	18.62	18.60	18.65	19.3	0.0	

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			
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	16.5	0.0	
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			
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	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			
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			
30	PI/2 BPSK	1	1	15.55	15.58	15.51	16.5	0.0	
Channel				344000	349000	354000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1720	1745	1770			
20	PI/2 BPSK	1	1	15.48	15.52	15.31	16.5	0.0	
Channel				343500	349000	354500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	PI/2 BPSK	1	1	15.51	15.59	15.42	16.5	0.0	
Channel				343000	349000	355000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	PI/2 BPSK	1	1	15.48	15.60	15.44	16.5	0.0	
Channel				342500	349000	355500	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	PI/2 BPSK	1	1	15.50	15.55	15.54	16.5	0.0	



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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	21.88	21.96	21.88		
40	PI/2 BPSK	1	108	21.74	21.95	21.84	23.0	0.0
40	PI/2 BPSK	1	214	21.77	21.80	21.68		
40	PI/2 BPSK	108	0	21.81	21.75	21.77	23.0	0.0
40	PI/2 BPSK	108	54	21.84	21.94	21.82	23.0	0.0
40	PI/2 BPSK	108	108	21.75	21.90	21.73	23.0	0.0
40	PI/2 BPSK	216	0	21.81	21.88	21.78		
40	QPSK	1	1	21.74	21.80	21.92		
40	QPSK	1	108	21.78	21.87	21.81	23.0	0.0
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		
40	QPSK	216	0	21.27	21.33	21.20	22.5	0.5
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		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	21.78	21.86	21.66	23.0	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	21.83	21.82	21.76	23.0	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	21.85	21.95	21.82	23.0	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	21.85	21.93	21.84	23.0	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	21.87	21.91	21.82	23.0	0.0

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				346000	349000	352000		
Frequency (MHz)				1730	1745	1760		
40	PI/2 BPSK	1	1	20.91	20.93	20.87		
40	PI/2 BPSK	1	108	20.76	20.87	20.85	21.8	0.0
40	PI/2 BPSK	1	214	20.78	20.84	20.70		
40	PI/2 BPSK	108	0	20.83	20.88	20.77	21.8	0.0
40	PI/2 BPSK	108	54	20.86	20.90	20.85	21.8	0.0
40	PI/2 BPSK	108	108	20.75	20.86	20.72	21.8	0.0
40	PI/2 BPSK	216	0	20.77	20.85	20.81		
40	QPSK	1	1	20.71	20.80	20.92		
40	QPSK	1	108	20.83	20.83	20.79	21.8	0.0
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		
40	QPSK	216	0	20.24	20.28	20.22	21.8	0.0
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		
Frequency (MHz)				1725	1745	1765		
30	PI/2 BPSK	1	1	20.83	20.91	20.80	21.8	0.0
Channel				344000	349000	354000		
Frequency (MHz)				1720	1745	1770		
20	PI/2 BPSK	1	1	20.86	20.88	20.85	21.8	0.0
Channel				343500	349000	354500		
Frequency (MHz)				1717.5	1745	1772.5		
15	PI/2 BPSK	1	1	20.90	20.92	20.82	21.8	0.0
Channel				343000	349000	355000		
Frequency (MHz)				1715	1745	1775		
10	PI/2 BPSK	1	1	20.88	20.90	20.85	21.8	0.0
Channel				342500	349000	355500		
Frequency (MHz)				1712.5	1745	1777.5		
5	PI/2 BPSK	1	1	20.86	20.91	20.82	21.8	0.0



n77_FCC(DSI_2_standalone)(Par270)-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		
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	21.5	0.0
100	PI/2 BPSK	1	271	20.19	20.27	20.17		
100	PI/2 BPSK	135	0	20.31	20.36	20.24	21.5	0.0
100	PI/2 BPSK	135	69	20.35	20.38	20.30	21.5	0.0
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	21.5	0.0
100	QPSK	1	271	20.20	20.29	19.96		
100	QPSK	135	0	20.34	20.36	20.23		
100	QPSK	135	69	20.36	20.33	20.19	21.5	0.0
100	QPSK	135	138	20.23	20.29	20.11		
100	QPSK	270	0	20.31	20.34	20.12	21.5	0.0
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 (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98	21.5	0.0
90	PI/2 BPSK	1	1	20.42	20.48	20.50	21.5	0.0
Channel				649334	656000	662666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3740.01	3840	3939.99	21.5	0.0
80	PI/2 BPSK	1	1	20.41	20.52	20.55	21.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945	21.5	0.0
70	PI/2 BPSK	1	1	20.46	20.51	20.53	21.5	0.0
Channel				648668	656000	663332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3730.02	3840	3949.98	21.5	0.0
60	PI/2 BPSK	1	1	20.42	20.50	20.47	21.5	0.0
Channel				648334	656000	663666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3725.01	3840	3954.99	21.5	0.0
50	PI/2 BPSK	1	1	20.48	20.51	20.50	21.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960	21.5	0.0
40	PI/2 BPSK	1	1	20.42	20.47	20.55	21.5	0.0
Channel				647668	656000	664332	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3715.02	3840	3964.98	21.5	0.0
30	PI/2 BPSK	1	1	20.52	20.53	20.48	21.5	0.0
Channel				647334	656000	664666	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3710.01	3840	3969.99	21.5	0.0
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		
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	18.66		
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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	20.0	0.0
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										
Frequency (MHz)				3500.01						
100	PI/2 BPSK	1	1	20.46	20.46		21.5	0.0		
100	PI/2 BPSK	1	137	20.25	20.25					
100	PI/2 BPSK	1	271	20.30	20.30					
100	PI/2 BPSK	135	0	20.28	20.28		21.5	0.0		
100	PI/2 BPSK	135	69	20.30	20.30		21.5	0.0		
100	PI/2 BPSK	135	138	20.10	20.10		21.5	0.0		
100	PI/2 BPSK	270	0	20.30	20.30					
100	QPSK	1	1	20.29	20.29					
100	QPSK	1	137	20.25	20.25		21.5	0.0		
100	QPSK	1	271	20.25	20.25					
100	QPSK	135	0	20.20	20.20					
100	QPSK	135	69	20.17	20.17		21.5	0.0		
100	QPSK	135	138	20.07	20.07					
100	QPSK	270	0	20.24	20.24		21.5	0.0		
100	16QAM	1	1	20.23	20.23		21.5	0.0		
100	64QAM	1	1	20.21	20.21		21.5	0.0		
100	256QAM	1	1	19.67	19.67		20.0	1.5		
Channel										
Frequency (MHz)				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										
Frequency (MHz)				632688	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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				630688	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										
Frequency (MHz)				3500.01						
Frequency (MHz)				19.92						
100	PI/2 BPSK	1	1		18.92					
100	PI/2 BPSK	1	137		18.78		20.0	0.0		
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		18.85		20.0	0.0		
100	QPSK	135	138		18.58					
100	QPSK	270	0		18.79		20.0	0.0		
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										
Frequency (MHz)				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										
Frequency (MHz)				632688	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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				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										
Frequency (MHz)				630688	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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.82	16.05	15.77	16.8	0.0
100	PI/2 BPSK	1	137	15.80	15.92	15.66		
100	PI/2 BPSK	1	271	15.68	15.85	15.58		
100	PI/2 BPSK	135	0	15.68	15.82	15.68	16.8	0.0
100	PI/2 BPSK	135	69	15.77	15.90	15.78	16.8	0.0
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	16.8	0.0
100	QPSK	1	271	15.72	15.75	15.54		
100	QPSK	135	0	15.67	15.85	15.68		
100	QPSK	135	69	15.67	15.82	15.71	16.8	0.0
100	QPSK	135	138	15.70	15.85	15.61		
100	QPSK	270	0	15.70	15.86	15.59	16.8	0.0
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		
90	PI/2 BPSK	1	1	15.78	15.69	15.71	16.8	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	15.75	15.82	15.88	16.8	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.69	15.78	15.92	16.8	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	15.72	15.80	15.89	16.8	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	15.70	15.98	15.91	16.8	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.64	15.72	15.83	16.8	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	15.71	15.63	15.58	16.8	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	15.88	15.96	15.93	16.8	0.0

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				650000	656000	662000		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	12.12	12.16	12.10	13.0	0.0
100	PI/2 BPSK	1	137	12.11	12.05	11.88		
100	PI/2 BPSK	1	271	11.93	11.98	11.91		
100	PI/2 BPSK	135	0	12.02	12.10	11.91	13.0	0.0
100	PI/2 BPSK	135	69	12.07	12.13	12.02	13.0	0.0
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	13.0	0.0
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	13.0	0.0
100	QPSK	135	138	11.97	12.05	11.87		
100	QPSK	270	0	11.94	12.05	11.86	13.0	0.0
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(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				633000	633334	633666			
Frequency (MHz)				3495	3500.01	3504.99			
100	PI/2 BPSK	1	1	15.88	15.96	15.62	16.8	0.0	
100	PI/2 BPSK	1	137	15.71					
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				632000	633334	634666			
Frequency (MHz)				3480	3500.01	3519.99			
90	PI/2 BPSK	1	1	15.82	15.79	15.62	16.8	0.0	
Channel				632688	633334	634000			
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			
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			
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			
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			
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			
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	15.67	15.58	15.83	16.8	0.0	
Channel				630688	633334	636000			
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				633000	633334	633666			
Frequency (MHz)				3495	3500.01	3504.99			
100	PI/2 BPSK	1	1	11.90	11.94	11.85	13.0	0.0	
100	PI/2 BPSK	1	137	11.91					
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					
100	QPSK	1	137	11.97			13.0	0.0	
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				632000	633334	634666			
Frequency (MHz)				3480	3500.01	3519.99			
90	PI/2 BPSK	1	1	11.82	11.84	11.70	13.0	0.0	
Channel				632688	633334	634000			
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			
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			
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			
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			
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			
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	11.85	11.77	11.76	13.0	0.0	
Channel				630688	633334	636000			
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		
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	20.0	0.0
100	PI/2 BPSK	135	69	18.85	18.89	18.72	20.0	0.0
100	PI/2 BPSK	135	138	18.81	18.87	18.65		
100	PI/2 BPSK	270	0	18.82	18.85	18.71	20.0	0.0
100	QPSK	1	1	18.76	18.71	18.67		
100	QPSK	1	137	18.87	18.78	18.64	20.0	0.0
100	QPSK	1	271	18.66	18.72	18.54		
100	QPSK	135	0	18.75	18.90	18.64		
100	QPSK	135	69	18.70	18.83	18.70	20.0	0.0
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 (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	18.54	18.63	18.85	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	18.67	18.54	18.83	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	18.47	18.89	18.59	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	18.58	18.49	18.56	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	18.55	18.65	18.76	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	18.52	18.65	18.78	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	18.64	18.61	18.81	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	18.84	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		
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	16.5	0.0
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	20.0	0.0
100	QPSK	1	1	15.74	15.76	15.66		
100	QPSK	1	137	15.76	15.69	15.61	16.5	0.0
100	QPSK	1	271	15.62	15.70	15.60		
100	QPSK	135	0	15.72	15.80	15.76		
100	QPSK	135	69	15.63	15.66	15.63	16.5	0.0
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 (dBm)	MPR (dB)
Frequency (MHz)				3745.02	3840	3934.98		
90	PI/2 BPSK	1	1	15.74	15.78	15.77	16.5	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	15.72	15.75	15.79	16.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	15.75	15.71	15.73	16.5	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	15.64	15.75	15.66	16.5	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	15.78	15.74	15.75	16.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	15.57	15.60	15.70	16.5	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	15.68	15.74	15.76	16.5	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	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	0.0	
Channel				632688	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	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	18.68	18.66	18.63	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	18.75	18.60	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	18.67	18.87	18.71	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	18.57	18.62	18.89	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	18.61	18.83	18.81	20.0	0.0	
Channel				630688	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	0.0	

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	15.84					
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	0.0	
Channel				632688	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	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	15.59	15.48	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	15.41	15.42	15.44	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	15.42	15.40	15.39	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	15.59	15.30	15.26	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	15.57	15.47	15.38	16.5	0.0	
Channel				630688	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	0.0	



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			21.5	0.0
100	PI/2 BPSK	1	137	20.45				
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				633300				
Frequency (MHz)				3495				
90	PI/2 BPSK	1	1	20.38	20.40	20.42	21.5	0.0
Channel				632688				
Frequency (MHz)				3490.02				
80	PI/2 BPSK	1	1	20.08	20.23	20.41	21.5	0.0
Channel				632334				
Frequency (MHz)				3485.01				
70	PI/2 BPSK	1	1	20.24	20.11	20.34	21.5	0.0
Channel				632000				
Frequency (MHz)				3480				
60	PI/2 BPSK	1	1	20.46	20.29	20.17	21.5	0.0
Channel				631668				
Frequency (MHz)				3475.02				
50	PI/2 BPSK	1	1	20.36	20.48	20.30	21.5	0.0
Channel				631334				
Frequency (MHz)				3470.01				
40	PI/2 BPSK	1	1	20.22	20.40	20.32	21.5	0.0
Channel				631000				
Frequency (MHz)				3465				
30	PI/2 BPSK	1	1	20.24	20.37	20.41	21.5	0.0
Channel				630688				
Frequency (MHz)				3460.02				
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			21.5	0.0
100	PI/2 BPSK	1	137	20.49				
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				
Frequency (MHz)				3745.02				
90	PI/2 BPSK	1	1	20.51	20.32	20.28	21.5	0.0
Channel				649334				
Frequency (MHz)				3740.01				
80	PI/2 BPSK	1	1	20.33	20.40	20.39	21.5	0.0
Channel				649000				
Frequency (MHz)				3735				
70	PI/2 BPSK	1	1	20.47	20.53	20.31	21.5	0.0
Channel				648668				
Frequency (MHz)				3730.02				
60	PI/2 BPSK	1	1	20.30	20.48	20.23	21.5	0.0
Channel				648334				
Frequency (MHz)				3725.01				
50	PI/2 BPSK	1	1	20.23	20.29	20.46	21.5	0.0
Channel				648000				
Frequency (MHz)				3720				
40	PI/2 BPSK	1	1	20.37	20.50	20.47	21.5	0.0
Channel				647668				
Frequency (MHz)				3715.02				
30	PI/2 BPSK	1	1	20.41	20.23	20.29	21.5	0.0
Channel				647334				
Frequency (MHz)				3710.01				
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				
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		18.85				
100	PI/2 BPSK	1	137		18.86		20.0	0.0	
100	PI/2 BPSK	1	271		18.70				
100	PI/2 BPSK	135	0		18.71		20.0	0.0	
100	PI/2 BPSK	135	69		18.78		20.0	0.0	
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		20.0	0.0	
100	QPSK	1	271		18.76				
100	QPSK	135	0		18.71				
100	QPSK	135	69		18.74		20.0	0.0	
100	QPSK	135	138		18.65				
100	QPSK	270	0		18.58		20.0	0.0	
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				632688	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				630688	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	15.95	15.95	16.8	0.0	
100	PI/2 BPSK	1	137	15.72	15.72	15.72	16.8	0.0	
100	PI/2 BPSK	1	271	15.85	15.85	15.85	16.8	0.0	
100	PI/2 BPSK	135	0	15.77	15.77	15.77	16.8	0.0	
100	PI/2 BPSK	135	69	15.63	15.63	15.63	16.8	0.0	
100	PI/2 BPSK	135	138	15.76	15.76	15.76	16.8	0.0	
100	PI/2 BPSK	270	0	15.94	15.94	15.94	16.8	0.0	
100	QPSK	1	1	15.70	15.70	15.70	16.8	0.0	
100	QPSK	1	137	15.90	15.90	15.90	16.8	0.0	
100	QPSK	1	271	15.92	15.92	15.92	16.8	0.0	
100	QPSK	135	0	15.76	15.76	15.76	16.8	0.0	
100	QPSK	135	69	15.92	15.92	15.92	16.8	0.0	
100	QPSK	135	138	15.74	15.74	15.74	16.8	0.0	
100	QPSK	270	0	15.74	15.74	15.74	16.8	0.0	
100	16QAM	1	1	15.74	15.74	15.74	16.8	0.0	
100	64QAM	1	1	15.68	15.68	15.68	16.8	0.0	
100	256QAM	1	1	15.66	15.66	15.66	16.8	0.0	
Channel				633000	633334	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99	16.8	0.0	
90	PI/2 BPSK	1	1	15.65	15.76	15.84	16.8	0.0	
Channel				632688	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
30	PI/2 BPSK	1	1	15.85	15.57	15.63	16.8	0.0	
Channel				630688	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540	16.8	0.0	
20	PI/2 BPSK	1	1	15.92	15.45	15.74	16.8	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				650000					
Frequency (MHz)				3750					
100	PI/2 BPSK	1	1	16.04	16.04	16.04	16.8	0.0	
100	PI/2 BPSK	1	137	15.92	15.92	15.92	16.8	0.0	
100	PI/2 BPSK	1	271	15.87	15.87	15.87	16.8	0.0	
100	PI/2 BPSK	135	0	15.89	15.89	15.89	16.8	0.0	
100	PI/2 BPSK	135	69	15.94	15.94	15.94	16.8	0.0	
100	PI/2 BPSK	135	138	15.75	15.75	15.75	16.8	0.0	
100	PI/2 BPSK	270	0	15.91	15.91	15.91	16.8	0.0	
100	QPSK	1	1	15.94	15.94	15.94	16.8	0.0	
100	QPSK	1	137	15.96	15.96	15.96	16.8	0.0	
100	QPSK	1	271	16.03	16.03	16.03	16.8	0.0	
100	QPSK	135	0	15.87	15.87	15.87	16.8	0.0	
100	QPSK	135	69	15.96	15.96	15.96	16.8	0.0	
100	QPSK	135	138	15.78	15.78	15.78	16.8	0.0	
100	QPSK	270	0	15.68	15.68	15.68	16.8	0.0	
100	16QAM	1	1	15.88	15.88	15.88	16.8	0.0	
100	64QAM	1	1	15.72	15.72	15.72	16.8	0.0	
100	256QAM	1	1	15.78	15.78	15.78	16.8	0.0	
Channel				649668	650000	650332	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3745.02	3750	3754.98	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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	16.8	0.0	
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									
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		12.01				
100	PI/2 BPSK	1	137		11.89		13.0	0.0	
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				
100	QPSK	1	1		11.85				
100	QPSK	1	137		11.98		13.0	0.0	
100	QPSK	1	271		12.00				
100	QPSK	135	0		11.95				
100	QPSK	135	69		11.95		13.0	0.0	
100	QPSK	135	138		11.89				
100	QPSK	270	0		11.83		13.0	0.0	
100	16QAM	1	1		11.84		13.0	0.0	
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			
90	PI/2 BPSK	1	1		11.67	11.86	11.89	13.0	0.0
Channel				632688	633334	634000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3490.02	3500.01	3510			
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			
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			
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			
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			
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			
30	PI/2 BPSK	1	1		11.70	11.73	11.89	13.0	0.0
Channel				630688	633334	636000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3460.02	3500.01	3540			
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									
Frequency (MHz)					3750				
100	PI/2 BPSK	1	1		11.97				
100	PI/2 BPSK	1	137		11.93		13.0	0.0	
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				
100	QPSK	1	1		11.92				
100	QPSK	1	137		11.94		13.0	0.0	
100	QPSK	1	271		11.92				
100	QPSK	135	0		11.84				
100	QPSK	135	69		11.96		13.0	0.0	
100	QPSK	135	138		11.73				
100	QPSK	270	0		11.68		13.0	0.0	
100	16QAM	1	1		11.87		13.0	0.0	
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			
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			
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			
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			
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			
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			
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			
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			
20	PI/2 BPSK	1	1		11.72	11.85	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				633000	633334	633666			
Frequency (MHz)				3495	3500.01	3504.99			
100	PI/2 BPSK	1	1	18.82	18.83	18.46	20.0	0.0	
100	PI/2 BPSK	1	137	18.82	18.82				
100	PI/2 BPSK	1	271	18.74	18.74				
100	PI/2 BPSK	135	0	18.72	18.72		20.0	0.0	
100	PI/2 BPSK	135	69	18.79	18.79		20.0	0.0	
100	PI/2 BPSK	135	138	18.66	18.66		20.0	0.0	
100	PI/2 BPSK	270	0	18.82	18.82				
100	QPSK	1	1	18.59	18.59				
100	QPSK	1	137	18.80	18.80		20.0	0.0	
100	QPSK	1	271	18.74	18.74				
100	QPSK	135	0	18.70	18.70				
100	QPSK	135	69	18.78	18.78		20.0	0.0	
100	QPSK	135	138	18.67	18.67				
100	QPSK	270	0	18.55	18.55		20.0	0.0	
100	16QAM	1	1	18.62	18.62		20.0	0.0	
100	64QAM	1	1	18.56	18.56		20.0	0.0	
100	256QAM	1	1	18.56	18.56		20.0	0.0	
Channel				632000	633334	634666			
Frequency (MHz)				3480	3500.01	3519.99			
90	PI/2 BPSK	1	1	18.82	18.76	18.46	20.0	0.0	
Channel				632688	633334	634000			
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			
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			
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			
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			
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			
Frequency (MHz)				3465	3500.01	3534.99			
30	PI/2 BPSK	1	1	18.74	18.78	18.78	20.0	0.0	
Channel				630688	633334	636000			
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				649668	650000	650332			
Frequency (MHz)				3745.02	3750	3754.98			
100	PI/2 BPSK	1	1	18.85	18.50	18.69	20.0	0.0	
100	PI/2 BPSK	1	137	18.82	18.82		20.0	0.0	
100	PI/2 BPSK	1	271	18.78	18.78				
100	PI/2 BPSK	135	0	18.73	18.73		20.0	0.0	
100	PI/2 BPSK	135	69	18.81	18.81		20.0	0.0	
100	PI/2 BPSK	135	138	18.66	18.66		20.0	0.0	
100	PI/2 BPSK	270	0	18.79	18.79				
100	QPSK	1	1	18.79	18.79				
100	QPSK	1	137	18.88	18.88		20.0	0.0	
100	QPSK	1	271	18.82	18.82				
100	QPSK	135	0	18.69	18.69				
100	QPSK	135	69	18.84	18.84		20.0	0.0	
100	QPSK	135	138	18.66	18.66				
100	QPSK	270	0	18.53	18.53		20.0	0.0	
100	16QAM	1	1	18.76	18.76		20.0	0.0	
100	64QAM	1	1	18.60	18.60		20.0	0.0	
100	256QAM	1	1	18.66	18.66		20.0	0.0	
Channel				648668	650000	651332			
Frequency (MHz)				3730.02	3750	3769.98			
90	PI/2 BPSK	1	1	18.83	18.60	18.65	20.0	0.0	
Channel				648334	650000	650666			
Frequency (MHz)				3740.01	3750	3759.99			
80	PI/2 BPSK	1	1	18.67	18.81	18.68	20.0	0.0	
Channel				648000	650000	651000			
Frequency (MHz)				3735	3750	3765			
70	PI/2 BPSK	1	1	18.67	18.73	18.48	20.0	0.0	
Channel				647668	650000	651332			
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			
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			
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			
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			
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				
Frequency (MHz)					3500.01				
100	PI/2 BPSK	1	1		15.73				
100	PI/2 BPSK	1	137		15.71		16.5	0.0	
100	PI/2 BPSK	1	271		15.66				
100	PI/2 BPSK	135	0		15.62		16.5	0.0	
100	PI/2 BPSK	135	69		15.64		16.5	0.0	
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		16.5	0.0	
100	QPSK	1	271		15.68				
100	QPSK	135	0		15.55				
100	QPSK	135	69		15.64		16.5	0.0	
100	QPSK	135	138		15.55				
100	QPSK	270	0		15.49		16.5	0.0	
100	16QAM	1	1		15.56		16.5	0.0	
100	64QAM	1	1		15.45		16.5	0.0	
100	256QAM	1	1		15.50		16.5	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		15.61	15.47	15.49	16.5	0.0
Channel				632688	633334	634000	Tune-up limit	MPR	
Frequency (MHz)				3490.02	3500.01	3510	(dBm)	(dB)	
80	PI/2 BPSK	1	1		15.44	15.42	15.67	16.5	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		15.52	15.42	15.43	16.5	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		15.62	15.46	15.49	16.5	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		15.56	15.41	15.59	16.5	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		15.42	15.42	15.69	16.5	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		15.61	15.36	15.49	16.5	0.0
Channel				630688	633334	636000	Tune-up limit	MPR	
Frequency (MHz)				3460.02	3500.01	3540	(dBm)	(dB)	
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				
Frequency (MHz)					3750				
100	PI/2 BPSK	1	1		15.76				
100	PI/2 BPSK	1	137		15.74		16.5	0.0	
100	PI/2 BPSK	1	271		15.82				
100	PI/2 BPSK	135	0		15.83		16.5	0.0	
100	PI/2 BPSK	135	69		15.87		16.5	0.0	
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		16.5	0.0	
100	QPSK	1	271		15.66				
100	QPSK	135	0		15.64				
100	QPSK	135	69		15.74		16.5	0.0	
100	QPSK	135	138		15.58				
100	QPSK	270	0		15.43		16.5	0.0	
100	16QAM	1	1		15.66		16.5	0.0	
100	64QAM	1	1		15.50		16.5	0.0	
100	256QAM	1	1		15.44		16.5	0.0	
Channel				649668	650000	650332	Tune-up limit	MPR	
Frequency (MHz)				3745.02	3750	3754.98	(dBm)	(dB)	
90	PI/2 BPSK	1	1		15.65	15.57	15.61	16.5	0.0
Channel				649334	650000	650666	Tune-up limit	MPR	
Frequency (MHz)				3740.01	3750	3759.99	(dBm)	(dB)	
80	PI/2 BPSK	1	1		15.69	15.48	15.39	16.5	0.0
Channel				649000	650000	651000	Tune-up limit	MPR	
Frequency (MHz)				3735	3750	3765	(dBm)	(dB)	
70	PI/2 BPSK	1	1		15.61	15.67	15.46	16.5	0.0
Channel				648668	650000	651332	Tune-up limit	MPR	
Frequency (MHz)				3730.02	3750	3769.98	(dBm)	(dB)	
60	PI/2 BPSK	1	1		15.39	15.35	15.49	16.5	0.0
Channel				648334	650000	651666	Tune-up limit	MPR	
Frequency (MHz)				3725.01	3750	3774.99	(dBm)	(dB)	
50	PI/2 BPSK	1	1		15.40	15.51	15.63	16.5	0.0
Channel				648000	650000	652000	Tune-up limit	MPR	
Frequency (MHz)				3720	3750	3780	(dBm)	(dB)	
40	PI/2 BPSK	1	1		15.52	15.62	15.35	16.5	0.0
Channel				647668	650000	652332	Tune-up limit	MPR	
Frequency (MHz)				3715.02	3750	3784.98	(dBm)	(dB)	
30	PI/2 BPSK	1	1		15.47	15.39	15.64	16.5	0.0
Channel				647334	650000	652666	Tune-up limit	MPR	
Frequency (MHz)				3710.01	3750	3789.99	(dBm)	(dB)	
20	PI/2 BPSK	1	1		15.64	15.54	15.61	16.5	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				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	18.66		
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				
100	PI/2 BPSK	1	137	18.78			20.0	0.0
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			20.0	0.0
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(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			
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	13.0	0.0	
100	PI/2 BPSK	1	271	11.93	11.98	11.91			
100	PI/2 BPSK	135	0	12.02	12.10	11.91	13.0	0.0	
100	PI/2 BPSK	135	69	12.07	12.13	12.02	13.0	0.0	
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	13.0	0.0	
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			
100	QPSK	135	138	11.97	12.05	11.87			
100	QPSK	270	0	11.94	12.05	11.86	13.0	0.0	
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	633666			
Frequency (MHz)				3500.01	633334				
100	PI/2 BPSK	1	1	11.90	11.94	11.85			
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					
100	PI/2 BPSK	270	0	11.95			13.0	0.0	
100	QPSK	1	1	11.99					
100	QPSK	1	137	11.97			13.0	0.0	
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(Part270)-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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	15.79	15.82	15.78	16.5	0.0
100	PI/2 BPSK	1	137	15.72	15.70	15.64		
100	PI/2 BPSK	1	271	15.65	15.71	15.80		
100	PI/2 BPSK	135	0	15.65	15.75	15.81	16.5	0.0
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	16.5	0.0
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	15.81		
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	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(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	633666		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	15.84			16.5	0.0
100	PI/2 BPSK	1	137	15.50				
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			16.5	0.0
100	QPSK	1	137	15.52				
100	QPSK	1	271	15.46				
100	QPSK	135	0	15.48			16.5	0.0
100	QPSK	135	69	15.30				
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	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	15.53	15.62	15.52	16.5	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	15.50	15.48	15.47	16.5	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	15.59	15.59	15.48	16.5	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	15.41	15.42	15.44	16.5	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	15.42	15.40	15.39	16.5	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	15.59	15.30	15.26	16.5	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	15.57	15.47	15.38	16.5	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	15.46	15.54	15.51	16.5	0.0



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			
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	14.0	0.0	
100	PI/2 BPSK	1	271	13.23	13.21	13.20			
100	PI/2 BPSK	135	0	13.15	13.22	13.14	14.0	0.0	
100	PI/2 BPSK	135	69	13.19	13.24	13.17	14.0	0.0	
100	PI/2 BPSK	135	138	13.18	13.15	13.12	14.0	0.0	
100	PI/2 BPSK	270	0	13.20	13.21	13.16			
100	QPSK	1	1	13.25	12.96	13.18			
100	QPSK	1	137	13.19	13.15	13.16	14.0	0.0	
100	QPSK	1	271	13.17	13.15	13.18			
100	QPSK	135	0	13.22	13.19	13.16			
100	QPSK	135	69	13.16	13.20	13.17	14.0	0.0	
100	QPSK	135	138	13.08	13.18	13.16			
100	QPSK	270	0	13.09	13.07	13.02	14.0	0.0	
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			
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			
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			
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			
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			
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			
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			
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			
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	633666			
Frequency (MHz)				3500.01	633334				
100	PI/2 BPSK	1	1	13.26					
100	PI/2 BPSK	1	137	13.22			14.0	0.0	
100	PI/2 BPSK	1	271	13.21					
100	PI/2 BPSK	135	0	13.21			14.0	0.0	
100	PI/2 BPSK	135	69	13.24			14.0	0.0	
100	PI/2 BPSK	135	138	13.20			14.0	0.0	
100	PI/2 BPSK	270	0	13.21					
100	QPSK	1	1	13.19					
100	QPSK	1	137	13.12			14.0	0.0	
100	QPSK	1	271	13.16					
100	QPSK	135	0	13.18					
100	QPSK	135	69	13.19			14.0	0.0	
100	QPSK	135	138	13.17					
100	QPSK	270	0	13.16			14.0	0.0	
100	16QAM	1	1	13.24			14.0	0.0	
100	64QAM	1	1	13.22			14.0	0.0	
100	256QAM	1	1	13.02			14.0	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	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			
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			
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			
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			
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			
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			
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			
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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	13.42	13.48	13.43	14.5	0.0
100	PI/2 BPSK	1	137	13.38	13.33	13.31		
100	PI/2 BPSK	1	271	13.30	13.30	13.29		
100	PI/2 BPSK	135	0	13.32	13.39	13.32	14.5	0.0
100	PI/2 BPSK	135	69	13.38	13.40	13.39	14.5	0.0
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	14.5	0.0
100	QPSK	1	271	13.38	13.38	13.31		
100	QPSK	135	0	13.36	13.33	13.39		
100	QPSK	135	69	13.40	13.37	13.34	14.5	0.0
100	QPSK	135	138	13.33	13.38	13.33		
100	QPSK	270	0	13.42	13.42	13.39	14.5	0.0
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		
90	PI/2 BPSK	1	1	13.42	13.44	13.41	14.5	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	13.44	13.46	13.43	14.5	0.0
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3735	3840	3945		
70	PI/2 BPSK	1	1	13.44	13.46	13.45	14.5	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	13.42	13.46	13.40	14.5	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	13.40	13.43	13.44	14.5	0.0
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				3720	3840	3960		
40	PI/2 BPSK	1	1	13.44	13.46	13.42	14.5	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	13.42	13.39	13.44	14.5	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	13.38	13.42	13.44	14.5	0.0

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			
Frequency (MHz)					3500.01			
100	PI/2 BPSK	1	1		13.47			
100	PI/2 BPSK	1	137		13.45		14.5	0.0
100	PI/2 BPSK	1	271		13.41			
100	PI/2 BPSK	135	0		13.43		14.5	0.0
100	PI/2 BPSK	135	69		13.44		14.5	0.0
100	PI/2 BPSK	135	138		13.42		14.5	0.0
100	PI/2 BPSK	270	0		13.41			
100	QPSK	1	1		13.40			
100	QPSK	1	137		13.32		14.5	0.0
100	QPSK	1	271		13.38			
100	QPSK	135	0		13.37			
100	QPSK	135	69		13.40		14.5	0.0
100	QPSK	135	138		13.40			
100	QPSK	270	0		13.39		14.5	0.0
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 (dBm)	MPR (dB)
Frequency (MHz)				3495	3500.01	3504.99		
90	PI/2 BPSK	1	1	13.34	13.36	13.30	14.5	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	13.32	13.36	13.40	14.5	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	13.35	13.36	13.40	14.5	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	13.09	13.06	13.09	14.5	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	13.43	13.46	13.42	14.5	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	13.44	13.45	13.38	14.5	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	13.36	13.36	13.38	14.5	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	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			
Frequency (MHz)				3750	3840	3930			
100	PI/2 BPSK	1	1	10.18	10.19	10.11	11.0	0.0	
100	PI/2 BPSK	1	137	9.89	9.88	9.86			
100	PI/2 BPSK	1	271	9.92	9.92	9.93			
100	PI/2 BPSK	135	0	10.02	10.07	10.06	11.0	0.0	
100	PI/2 BPSK	135	69	10.12	10.15	10.11	11.0	0.0	
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	11.0	0.0	
100	QPSK	1	271	9.91	9.92	9.93			
100	QPSK	135	0	10.11	10.06	10.12			
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	11.0	0.0	
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			
90	PI/2 BPSK	1	1	10.01	10.07	10.00	11.0	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	10.00	10.02	9.97	11.0	0.0	
Channel				649000	656000	663000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3735	3840	3945			
70	PI/2 BPSK	1	1	10.03	10.07	9.95	11.0	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	10.03	10.05	9.96	11.0	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	10.02	10.03	9.94	11.0	0.0	
Channel				648000	656000	664000	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3720	3840	3960			
40	PI/2 BPSK	1	1	10.02	10.07	9.99	11.0	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	10.01	10.06	9.95	11.0	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	10.00	10.02	9.97	11.0	0.0	

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						633334			
Frequency (MHz)						3500.01			
100	PI/2 BPSK	1	1		10.11				
100	PI/2 BPSK	1	137		10.09		11.0	0.0	
100	PI/2 BPSK	1	271		10.08				
100	PI/2 BPSK	135	0		10.06		11.0	0.0	
100	PI/2 BPSK	135	69		10.08		11.0	0.0	
100	PI/2 BPSK	135	138		10.02		11.0	0.0	
100	PI/2 BPSK	270	0		10.07				
100	QPSK	1	1		10.00				
100	QPSK	1	137		9.95		11.0	0.0	
100	QPSK	1	271		10.01				
100	QPSK	135	0		10.03				
100	QPSK	135	69		10.01		11.0	0.0	
100	QPSK	135	138		9.99				
100	QPSK	270	0		9.97		11.0	0.0	
100	16QAM	1	1		10.08		11.0	0.0	
100	64QAM	1	1		10.07		11.0	0.0	
100	256QAM	1	1		9.80		11.0	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	9.94	10.02	9.94	11.0	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	9.95	10.00	10.04	11.0	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	9.99	10.03	10.03	11.0	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	10.01	10.00	10.07	11.0	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	10.05	10.10	10.04	11.0	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	10.08	10.09	10.01	11.0	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	10.04	10.03	10.01	11.0	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	10.01	10.06	10.05	11.0	0.0	



n77_FCC(Ant 5)(Part270)(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			
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	19.0	0.0	
100	PI/2 BPSK	1	271	18.23	18.21	18.20			
100	PI/2 BPSK	135	0	18.15	18.22	18.14	19.0	0.0	
100	PI/2 BPSK	135	69	18.19	18.24	18.17	19.0	0.0	
100	PI/2 BPSK	135	138	18.18	18.15	18.12	19.0	0.0	
100	PI/2 BPSK	270	0	18.20	18.21	18.16			
100	QPSK	1	1	18.25	17.96	18.18			
100	QPSK	1	137	18.19	18.15	18.16	19.0	0.0	
100	QPSK	1	271	18.17	18.15	18.18			
100	QPSK	135	0	18.22	18.19	18.16			
100	QPSK	135	69	18.16	18.20	18.17	19.0	0.0	
100	QPSK	135	138	18.08	18.18	18.16			
100	QPSK	270	0	18.09	18.07	18.02	19.0	0.0	
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			
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			
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			
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			
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			
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			
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			
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			
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	633666			
Frequency (MHz)				3500.01	3500.01	3500.01			
100	PI/2 BPSK	1	1	18.26	18.26	18.26			
100	PI/2 BPSK	1	137	18.22	18.22	18.22	19.0	0.0	
100	PI/2 BPSK	1	271	18.21	18.21	18.21			
100	PI/2 BPSK	135	0	18.21	18.21	18.21	19.0	0.0	
100	PI/2 BPSK	135	69	18.24	18.24	18.24	19.0	0.0	
100	PI/2 BPSK	135	138	18.20	18.20	18.20	19.0	0.0	
100	PI/2 BPSK	270	0	18.21	18.21	18.21			
100	QPSK	1	1	18.19	18.19	18.19			
100	QPSK	1	137	18.12	18.12	18.12	19.0	0.0	
100	QPSK	1	271	18.16	18.16	18.16			
100	QPSK	135	0	18.18	18.18	18.18			
100	QPSK	135	69	18.19	18.19	18.19	19.0	0.0	
100	QPSK	135	138	18.17	18.17	18.17			
100	QPSK	270	0	18.16	18.16	18.16	19.0	0.0	
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	633666	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				3495	3500.01	3504.99			
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			
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			
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			
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			
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			
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			
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			
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		
Frequency (MHz)				3750	3840	3930		
100	PI/2 BPSK	1	1	14.33	14.36	14.29	15.5	0.0
100	PI/2 BPSK	1	137	14.32	14.34	14.26		
100	PI/2 BPSK	1	271	14.08	14.09	14.13		
100	PI/2 BPSK	135	0	14.21	14.22	14.23	15.5	0.0
100	PI/2 BPSK	135	69	14.23	14.25	14.24	15.5	0.0
100	PI/2 BPSK	135	138	14.05	14.08	14.02	15.5	0.0
100	PI/2 BPSK	270	0	14.18	14.22	14.14		
100	QPSK	1	1	14.29	14.34	14.27	15.5	0.0
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		
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	15.5	0.0
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	MPR
Frequency (MHz)				3745.02	3840	3934.98	(dBm)	(dB)
90	PI/2 BPSK	1	1	14.31	14.33	14.25	15.5	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	14.33	14.34	14.24	15.5	0.0
Channel				649000	656000	663000	Tune-up limit	MPR
Frequency (MHz)				3735	3840	3945	(dBm)	(dB)
70	PI/2 BPSK	1	1	14.35	14.34	14.24	15.5	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	14.33	14.35	14.29	15.5	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	14.34	14.33	14.28	15.5	0.0
Channel				648000	656000	664000	Tune-up limit	MPR
Frequency (MHz)				3720	3840	3960	(dBm)	(dB)
40	PI/2 BPSK	1	1	14.31	14.34	14.27	15.5	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	14.34	14.35	14.29	15.5	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	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				630000	633334	636666		
Frequency (MHz)				3500.01	3500.01	3500.01		
100	PI/2 BPSK	1	1	14.25	14.25	14.25	15.5	0.0
100	PI/2 BPSK	1	137	14.20	14.20	14.17		
100	PI/2 BPSK	1	271	14.17	14.17	14.17		
100	PI/2 BPSK	135	0	14.21	14.21	14.21	15.5	0.0
100	PI/2 BPSK	135	69	14.22	14.22	14.22	15.5	0.0
100	PI/2 BPSK	135	138	14.16	14.16	14.16	15.5	0.0
100	PI/2 BPSK	270	0	14.19	14.19	14.19		
100	QPSK	1	1	14.17	14.17	14.17	15.5	0.0
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		
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	15.5	0.0
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	633666	Tune-up limit	MPR
Frequency (MHz)				3495	3500.01	3504.99	(dBm)	(dB)
90	PI/2 BPSK	1	1	14.19	14.22	14.15	15.5	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	14.22	14.23	14.18	15.5	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	14.20	14.21	14.23	15.5	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	14.19	14.22	14.20	15.5	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	14.20	14.21	14.13	15.5	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	14.22	14.19	14.17	15.5	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	14.22	14.23	14.16	15.5	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	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	Not Required	16.50	Not Required	16.50	Not Required	16.50	19.91	21.00	19.91	21.00	100.00
	6	2437	19.86	21.00		21.00		16.50		21.00		16.50		21.00		16.50	19.86	21.00	19.86	21.00	
	11	2462	19.12	21.00		21.00		16.50		21.00		16.50		21.00		16.50	19.12	21.00	19.12	21.00	
	1	2412	19.81	21.00		21.00		16.50		21.00		16.50		21.00		16.50	19.81	21.00	19.81	21.00	
802.11ac-VHT20 MCS0	6	2437	19.76	21.00	Not Required	21.00	Not Required	16.50	16.50	21.00	Not Required	16.50	Not Required	16.50	Not Required	16.50	19.76	21.00	19.76	21.00	100.00
	11	2462	19.02	21.00		21.00		16.50		21.00		16.50		21.00		16.50	19.02	21.00	19.02	21.00	
	1	2412	20.01	21.00		21.00		16.50		21.00		16.50		21.00		16.50	20.01	21.00	20.01	21.00	
802.11ax-HE20 MCS0	6	2437	20.06	21.00	Not Required	21.00	Not Required	16.50	16.50	21.00	Not Required	16.50	Not Required	16.50	Not Required	16.50	20.06	21.00	20.06	21.00	100.00
	11	2462	20.01	21.00		21.00		16.50		21.00		16.50		21.00		16.50	20.01	21.00	20.01	21.00	
	1	2412	20.01	21.00		21.00		16.50		21.00		16.50		21.00		16.50	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		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	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		17.00		21.00		16.00		16.00	19.67	21.00		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		17.00		19.42		21.00		16.00	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						
802.11ac-VHT20 MCS0	36	5180	19.60	21.00	19.60	21.00		17.00		21.00		16.00		16.00	19.60	21.00		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		17.00		21.00		16.00		16.00	19.35	21.00		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		17.00		21.00		16.00		16.00	19.88	21.00		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		17.00		21.00		16.00		16.00	19.13	21.00		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		20.00		16.00		16.00	18.51	20.00		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		17.00		21.00		16.00		16.00	19.73	21.00		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		17.00		19.51		21.00		16.00	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					
802.11ac-VHT20 MCS0	52	5260	19.66	21.00	19.66	21.00		17.00		21.00		16.00		16.00	19.66	21.00		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		17.00		21.00		16.00		16.00	19.44	21.00		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		15.46		17.00		Not Required		19.00	14.65	16.00		17.41	19.00	18.48	20.00	19.00	100.00
802.11ac-VHT160 MCS0	50	5250	17.41	19.00	17.41	19.00		15.46		17.00		Not Required		21.00	16.00	16.00		19.00	19.00	20.00	100.00		
802.11ax-HE20 MCS0	52	5260	19.90	21.00	19.90	21.00		17.00		21.00		16.00		16.00	19.90	21.00		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		17.00		21.00		16.00		16.00	19.17	21.00		20.00	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	20.00	16.00	16.00	18.42	20.00	20.00	100.00									
802.11ax-HE160 MCS0	50	5250	17.48	19.00	17.48	19.00	17.00	19.00	16.00	16.00	17.48	19.00	19.00	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	Not Required	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		
	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		
802.11ac-VHT20 MCS0	116	5580	19.50	21.00	19.50	21.00	19.50	21.00	19.50	21.00	Not Required	19.00	19.50	21.00	20.00	100.00	
	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		
	110	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		
802.11ac-VHT40 MCS0	110	5550	19.69	21.00	19.69	21.00	19.69	21.00	19.69	21.00	Not Required	19.00	19.69	21.00	20.00	100.00	
	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		
	106	5530	18.63	20.00	18.63	20.00	18.63	20.00	18.63	20.00		17.66	18.63	20.00	18.63		20.00
	100	5500	20.20	21.00	20.20	21.00	20.20	21.00	20.20	21.00		19.00	20.20	21.00	20.00		
802.11ax-HE20 MCS0	116	5580	19.74	21.00	19.74	21.00	19.74	21.00	19.74	21.00	Not Required	19.00	19.74	21.00	20.00	100.00	
	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		
	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		
802.11ax-HE40 MCS0	110	5550	19.46	21.00	19.46	21.00	19.46	21.00	19.46	21.00	Not Required	19.00	19.46	21.00	20.00	100.00	
	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		
	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	5500	20.20	21.00	20.20	21.00	20.20	21.00	20.20	21.00		19.00	20.20	21.00	20.00		

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		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	149	5745	19.99	21.50	19.99	21.50	20.00	21.50	20.00	21.50	Not Required	15.00	15.00	15.00	15.00	19.99	21.50	18.00	99.32
	157	5785	20.03	21.50	20.03	21.50	20.00	21.50	20.00	21.50		15.00	15.00	15.00	15.00	20.03	21.50	18.00	
	165	5825	19.98	21.50	19.98	21.50	20.00	21.50	20.00	21.50		15.00	15.00	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	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.52	21.00	18.00	100.00
	157	5785	19.57	21.00	19.57	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.57	21.00	18.00	
	165	5825	19.61	21.00	19.61	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.61	21.00	18.00	
802.11n-HT40 MCS0	151	5755	19.41	21.00	19.41	21.00	20.00	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.41	21.00	18.00	100.00
	159	5795	19.37	21.00	19.37	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.37	21.00	18.00	
	149	5745	19.43	21.00	19.43	21.00	20.00	21.00	20.00	21.00		15.00	15.00	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	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.48	21.00	18.00	100.00
	165	5825	19.52	21.00	19.52	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.52	21.00	18.00	
	151	5755	19.32	21.00	19.32	21.00	20.00	21.00	20.00	21.00		15.00	15.00	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	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.28	21.00	18.00	100.00
	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	
	149	5745	19.87	21.00	19.87	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.87	21.00	18.00	
802.11ax-HE20 MCS0	157	5785	19.90	21.00	19.90	21.00	20.00	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.90	21.00	18.00	100.00
	165	5825	19.91	21.00	19.91	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.91	21.00	18.00	
	151	5755	19.18	21.00	19.18	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.18	21.00	18.00	
802.11ax-HE40 MCS0	159	5795	19.16	21.00	19.16	21.00	20.00	21.00	20.00	21.00	Not Required	15.00	15.00	15.00	15.00	19.16	21.00	18.00	100.00
	155	5775	18.07	20.00	18.07	20.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	18.07	20.00	18.00	
	149	5745	19.87	21.00	19.87	21.00	20.00	21.00	20.00	21.00		15.00	15.00	15.00	15.00	19.87	21.00	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)									
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			
										0	20	40	60	80	100	120	140			
WLAN_Ant1 Head	WDCMA-V	RMC 12.2kTps	DS-SS (F-UL)	4233	846.6		Right Cheek	Open	0.218	0.19	0	0.165	0.107	0.053	0	0.142	0.023			
	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		
	WDCMA-B	RMC 12.2kTps	DS-SS (F-UL)	8236	1647.6		Left Cheek	Open	0.065	0.055	0.055	0.077	0.074	0.064	0.061	0.061	0.048			
	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		
	LTE Band 12	10M-QPSK	DS-SS (F-UL)	20065	767.5	1	0	Right Cheek	Open	0.107	0	0.088	0	0.044	0.013	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)	0	20	40	60	80	100	120	140		
	LTE Band 5	10M-QPSK	DS-SS (F-UL)	20252	826.5	1	0	Right Cheek	Open	0.056	0.02	0	0.126	0.102	0.074	0.064	0.046	0.014		
	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		
	LTE Band 66	20M-QPSK	DS-SS (F-UL)	132322	1745	1	0	Left Cheek	Open	0.068	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)	0	20	40	60	80	100	120	140		
	LTE Band 2	20M-QPSK	DS-SS (F-UL)	16730	180	1	0	Left Cheek	Open	0.079	0.015	0	0.045	0.046	0.049	0.045	0.046	0.023		
	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		
	LTE Band 7	20M-QPSK	DS-SS (F-UL)	21330	200	1	50	Left Cheek	Open	0.07	0.066	0.067	0.061	0.063	0.064	0	0.057	0.035		
	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		
	NC	20M-BPSK-QF-T13	DS-SS (F-UL)	167300	826.5	50	25	Right Cheek	Open	0.075	0.051	0	0.065	0.07	0	0.022	0.01	0.014		
	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		
NB	40M-BPSK-QF-T13	DS-SS (F-UL)	346500	1745	1	0	Left Cheek	Open	0.051	0	0.026	0.012	0.011	0.014	0.044	0	0.025			
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			
NC	20M-BPSK-QF-T13	DS-SS (F-UL)	372000	180	50	25	Left Cheek	Open	0.051	0	0.068	0.035	0.044	0	0.042	0	0.031			
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			
WLAN_Ant1 Body	WDCMA-V	RMC 12.2kTps	DS-SS (F-UL)	4182	836.4		Back	Open	1.05	0.463	0.42	1.01	1.01	0.233	0.266	0.704	0.041			
	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		
	WDCMA-B	RMC 12.2kTps	DS-SS 3 bandwidth	8182	1672.4		Back	Open	0.807	0.323	0.307	0.324	0.443	0.433	0.058	0.116	0.238			
	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		
	LTE Band 12	10M-QPSK	DS-SS (F-UL)	20065	767.5	1	0	Back	Open	0.466	0.191	0.138	0.053	0.075	0.428	0	0.148	0.175		
	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		
	LTE Band 5	10M-QPSK	DS-SS (F-UL)	20252	826.5	1	0	Back	Open	0.8	0.265	0.447	0.066	0.707	0.24	0.262	0.495	0.212		
	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		
	LTE Band 66	20M-QPSK	DS-SS 3 bandwidth	132322	1770	50	0	Back	Open	0.807	0.221	0.241	0.226	0.271	0.312	0.366	0.366	0.155		
	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		
	LTE Band 2	20M-QPSK	DS-SS 3 bandwidth	16730	180	50	0	Back	Open	0.652	0.295	0.421	0.269	0.483	0.459	0.253	0.238	0.21		
	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		
	LTE Band 7	20M-QPSK	DS-SS 3 bandwidth	21330	210	50	50	Back	Open	0.872	0.81	0.8	0.846	0.78	0.83	0.7	0.43	0.28		
	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		
	NC	20M-BPSK-QF-T13	DS-SS (F-UL)	167300	826.5	50	25	Back	Open	0.557	0.251	0.372	0.193	0.55	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)	0	20	40	60	80	100	120	140		
NB	40M-BPSK-QF-T13	DS-SS 3 bandwidth	346500	1745	100	50	Bottom Side	Open	0.841	0.265	0.4	0.448	0.368	0.565	0.273	0.488	0.285			
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			
NC	20M-BPSK-QF-T13	DS-SS 3 bandwidth	372000	180	1	1	Back	Open	1.04	0.268	0.463	0.46	0.452	0.553	0.607	0.435	0.234			

RF exposure position										Average Value of Time Dose (mSv)																				
WLAN_Ant 1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (dBm)	Test Position	Spacing	Measured by SAR (mW/kg)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38
											LTE Band 13	15M-QPSK	DS-SS (FH)	2320	752	1	0	Right Cheek	Open	0.15	0	0.07	0.03	0.04	0	0	0.051	0	0	0
WLAN_Ant 2 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	EIRP (dBm)	EIRP (dBm)	Test Position	Spacing	Measured by SAR (mW/kg)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
											LTE Band 13	15M-QPSK	DS-SS (FH)	2320	752	1	0	Back	Open	0.88	0.133	0.114	0.136	0.168	0.152	0.148	0.134	0.128	0.06	0.074

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	0.059	0	0.024	0	0.075	0.021	0	0.045	0.044	0.044	0.046	0.048	0	0.012	0.002	0	0.005
61	43	40	47	46	51	53	55	57	59	61	62	65	67	69	71	73	75	77	78
0.123	0.106	0.131	0.057	0.152	0.079	0.118	0.148	0.185	0.211	0.232	0.238	0.234	0.235	0.28	0.247	0.214	0.191	0.188	0.174

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	0.001	0.015	0	0.021
0.1	0.5	0.2	0.7	0.6	0.1	0.3	0.6	0.7	0.9	0.5	0.2	0.6	0.2	0.2	0.1	0.2	0.1	0.1	0.1
0.284	0.287	0.242	0.221	0.214	0.275	0.413	0.448	0.486	0	0	0.045	0.185	0	0.285	0.112	0.139	0.187	0.179	0.269

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	0.942	0.946	0.947	0.947	0.916	0.883	0.823	0.76	0.518

RF Exposure position											Average Value of Time Sweep (WAg)																	
Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Start	RB Offset	Test Position	Spacing	Measured to SAM (WAg)	Average Value of Time Sweep (WAg)																		
										0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	
WLAN_Ant1 Head	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Start	RB Offset	Test Position	Spacing	Measured to SAM (WAg)	0	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68
	NBS	43MBSK OFDM	DS13 spread	30000	1700	1	1	Left Head	Open	0.910	0.184	0.268	0.24	0.255	0.215	0.221	0.242	0.255	0.258	0.265	0.269	0.274	0.274	0.282	0.222	0.247	0.268	0.264
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Start	RB Offset	Test Position	Spacing	Measured to SAM (WAg)	1	5	9	13	17	21	25	29	33	37	41	45	49	53	57	61	65	69
NC	20MBSK OFDM	DS13 spread	30000	1900	53	28	Left Head	Open	0.878	0.881	0.563	0.877	0.702	0.725	0.449	0.537	0.624	0.621	0.688	0.676	0.686	0.527	0.288	0.404	0.46	0.458	0.553	
WLAN_Ant1 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Start	RB Offset	Test Position	Spacing	Measured to SAM (WAg)	2	6	10	14	18	22	26	30	34	38	42	46	50	54	58	62	66	70
	NBS	43MBSK OFDM	DS13 spread	30000	1700	1	1	Front	Open	1.05	0.312	0.313	0.27	0.259	0.236	0.275	0.265	0.269	0.268	0.214	0.235	0.242	0.239	0.254	0.264	0.268	0.317	0.171
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Start	RB Offset	Test Position	Spacing	Measured to SAM (WAg)	3	7	11	15	19	23	27	31	35	39	43	47	51	55	59	63	67	71
NC	20MBSK OFDM	DS13 spread	30000	1900	1	1	Back	Open	0.86	0.828	0.732	0.777	0.819	0.487	0.288	0.711	0.71	0.72	0.772	0.803	0.807	0.681	0.402	0.211	0.52	0.203	0.603	

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	0.196	0.19	0.205	0.241	0.268	0.225	0.275	0.287	0.296	0.33	0.303	0.287	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	0.544	0.566	0.382	0.486	0.287	0.506	0.786	0.34	0.487	0.582	0.7	0.874	0.798	0.737	0.361	0.403
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	0.235	0.291	0.39	0.224	0.31	0.36	0.333	0.438	0.372	0.354	0.338	0.301	0.328
75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143
0.806	0.808	0.652	0.287	0.211	0.819	0.488	0.733	0.37	0.541	0.633	0.887	0.756	0.637	0.854	0.902	0.58	0.637

RF exposure position													Average Value of Time Weight (Min)												
Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	0	17	34	51	68	85	102	119	136							
WLAN_A1 Head	WCDMA-V	RNC-12.2kPa	DS-SS (variable)	4132	828.4		Left Cheek	Open	Measured to SAR (dB)	0.876	0.939	0.484	0.261	0.828	0.885	0.288	0.266	0.761	0.21						
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	1	16	32	48	64	80	96	112	127						
	WCDMA-R	RNC-12.2kPa	DS-SS (variable)	1638	1807.6		Left Throat	Open	Measured to SAR (dB)	1.07	0.857	0.97	0.803	0.82	0.885	0.94	0.758	0.743	0.45						
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	2	16	36	53	70	87	104	121	138						
	LTE Band 12	10M-QPSK	DS-SS (variable)	2006	707.5	1	0	Left Cheek	Open	Measured to SAR (dB)	0.881	0.163	0.166	0.19	0.49	0	0	0.047	0.142	0.038					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	3	20	37	54	71	88	105	122	139						
	LTE Band 12	10M-QPSK	DS-SS (variable)	2006	707.5	1	0	Left Cheek	Open	Measured to SAR (dB)	0.847	0.208	0.204	0.186	0.192	0.21	0.237	0.252	0.219						
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	4	21	38	55	72	89	106	123	140						
	LTE Band 5	10M-QPSK	DS-SS (variable)	2025	836.5	0	0	Left Cheek	Open	Measured to SAR (dB)	0.823	0.655	0.138	0.142	0.168	0.144	0.06	0.067	0.038	0.049					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	5	22	39	56	73	90	107	124	141						
	LTE Band 6B	20M-QPSK	DS-SS (variable)	12072	1770	1	0	Left Throat	Open	Measured to SAR (dB)	0.828	0.256	0.245	0.256	0.22	0.233	0.181	0.2	0.243	0.271					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	6	23	40	57	74	91	108	125	142						
	LTE Band 2	20M-QPSK	DS-SS (variable)	1910	1900	1	0	Left Throat	Open	Measured to SAR (dB)	0.976	0.665	0.551	0.705	0.407	0.192	0.06	0.309	0.738	0.533					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	7	24	41	58	75	92	109	126	143						
NC	20M-QPSK OF T12	DS-SS (variable)	18730	836.5	0	28	Left Cheek	Open	Measured to SAR (dB)	0.969	0.331	0.248	0.688	0.602	0.636	0.14	0.277	0.347	0.537						
WLAN_A1 Body	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	8	25	42	59	76	93	110	127	144						
	WCDMA-V	RNC-12.2kPa	DS-SS (variable)	4132	828.4		Front	Open	Measured to SAR (dB)	0.708	0.315	0.171	0.163	0.152	0.162	0.167	0.187	0.195	0.21						
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	9	26	43	60	77	94	111	128	145						
	WCDMA-R	RNC-12.2kPa	DS-SS (variable)	1638	1807.6		Front	Open	Measured to SAR (dB)	0.873	0.844	0.687	0.816	0.503	0.87	0.609	0.523	0.835	0.35						
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	10	27	44	61	78	95	112	129	146						
	LTE Band 12	10M-QPSK	DS-SS (F)	2006	707.5	1	0	Top Side	Open	Measured to SAR (dB)	0.539	0.121	0.164	0.052	0.225	0	0.285	0.109	0.111	0.052					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	11	28	45	62	79	96	113	130	147						
	LTE Band 13	10M-QPSK	DS-SS (F)	2006	707.5	1	0	Top Side	Open	Measured to SAR (dB)	0.529	0.281	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 (dB)	12	29	46	63	80	97	114	131	148						
	LTE Band 5	10M-QPSK	DS-SS (variable)	2025	836.5	1	0	Front	Open	Measured to SAR (dB)	0.968	0.357	0.224	0.515	0.353	0.145	0.16	0.48	0.735	0.586					
	Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	13	30	47	64	81	98	115	132	149						
	LTE Band 6B	20M-QPSK	DS-SS (variable)	12072	1770	0	0	Front	Open	Measured to SAR (dB)	0.802	0.182	0.228	0.222	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 (dB)	14	31	48	65	82	99	116	133	150						
	LTE Band 2	20M-QPSK	DS-SS (variable)	1910	1900	0	0	Front	Open	Measured to SAR (dB)	0.968	0.96	0.767	0.647	0.567	0.787	0.586	0.715	0.953	0.705					
Band	Mode	Power Reduction	Channel	Frequency (MHz)	RB Size	RB Offset	Test Position	Spacing	Measured to SAR (dB)	15	32	49	66	83	100	117	134	151							
NC	20M-QPSK OF T12	DS-SS (F)	18730	836.5	0	28	Top Side	Open	Measured to SAR (dB)	0.854	0.42	0.368	0.688	0.438	0.244	0.219	0.341	0.705	0.693						