

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
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	8.39	± 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	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

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

10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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

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

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

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



Appendix E. Conducted RF Output Power Table

The detailed power table are shown as follows.

Full Power Mode for WWAN

GSM850_Ant 13		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel		128	189	251	Limit	128	189	251	Limit
Frequency (MHz)		824.2	836.4	848.8	(dBm)	824.2	836.4	848.8	(dBm)
GSM 1 Tx slot		32.26	32.10	32.19	33.50	23.26	23.10	23.19	24.50
GPRS 1 Tx slot		32.24	32.08	32.16	33.50	23.24	23.08	23.16	24.50
GPRS 2 Tx slots		30.62	30.45	30.58	31.50	24.62	24.45	24.58	25.50
GPRS 3 Tx slots		28.64	28.47	28.60	29.50	24.38	24.21	24.34	25.24
GPRS 4 Tx slots		26.63	26.49	26.57	27.50	23.63	23.49	23.57	24.50
EDGE 1 Tx slot		26.14	26.02	26.04	27.50	17.14	17.02	17.04	18.50
EDGE 2 Tx slots		23.97	23.74	23.85	25.50	17.97	17.74	17.85	19.50
EDGE 3 Tx slots		21.86	21.65	21.78	23.50	17.60	17.39	17.52	19.24
EDGE 4 Tx slots		19.69	19.60	19.65	21.50	16.69	16.60	16.65	18.50

GSM1900_Ant 13		Burst Average Power (dBm)			Tune-up	Frame-Average Power (dBm)			Tune-up
TX Channel		512	661	810	Limit	512	661	810	Limit
Frequency (MHz)		1850.2	1880	1909.8	(dBm)	1850.2	1880	1909.8	(dBm)
GSM 1 Tx slot		29.00	29.00	29.15	30.50	20.00	20.00	20.15	21.50
GPRS 1 Tx slot		28.98	28.97	29.13	30.50	19.98	19.97	20.13	21.50
GPRS 2 Tx slots		27.40	27.35	27.50	28.50	21.40	21.35	21.50	22.50
GPRS 3 Tx slots		25.34	25.22	25.42	26.50	21.08	20.96	21.16	22.24
GPRS 4 Tx slots		23.31	23.15	23.40	24.50	20.31	20.15	20.40	21.50
EDGE 1 Tx slot		25.68	25.61	25.66	27.00	16.68	16.61	16.66	18.00
EDGE 2 Tx slots		23.59	23.53	23.61	25.00	17.59	17.53	17.61	19.00
EDGE 3 Tx slots		21.15	21.17	21.53	23.00	16.89	16.91	17.27	18.74
EDGE 4 Tx slots		19.09	19.02	19.31	21.00	16.09	16.02	16.31	18.00

Band		WCDMA II_Ant 13			Tune-up	WCDMA IV_Ant 13			Tune-up	WCDMA V_Ant 13			Tune-up
TX Channel		9262	9400	9538	Limit	1312	1413	1513	Limit	4132	4182	4233	Limit
Rx Channel		9662	9800	9938	(dBm)	1637	1638	1738	(dBm)	4357	4407	4458	(dBm)
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.32	23.40	23.37	24.50	23.62	23.65	23.64	24.50	23.32	23.35	23.31	24.50
3GPP Rel 99	RM-C 12.2Kbps	23.34	23.42	23.40	24.50	23.65	23.67	23.66	24.50	23.35	23.37	23.34	24.50
3GPP Rel 6	HSDPA Subtest-1	22.38	22.42	22.40	23.50	22.66	22.65	22.63	23.50	22.34	22.35	22.33	23.50
3GPP Rel 6	HSDPA Subtest-2	22.33	22.42	22.38	23.50	22.66	22.62	22.60	23.50	22.33	22.31	22.31	23.50
3GPP Rel 6	HSDPA Subtest-3	21.88	21.90	21.92	23.00	22.19	22.17	22.16	23.00	21.87	21.88	21.85	23.00
3GPP Rel 6	HSDPA Subtest-4	21.83	21.91	21.87	23.00	22.15	22.11	22.11	23.00	21.84	21.84	21.80	23.00
3GPP Rel 6	HSUPA Subtest-1	20.48	20.58	20.57	21.50	20.82	20.79	20.77	21.50	20.25	20.34	20.27	21.50
3GPP Rel 6	HSUPA Subtest-2	20.47	20.56	20.55	21.50	20.81	20.76	20.78	21.50	20.22	20.29	20.26	21.50
3GPP Rel 6	HSUPA Subtest-3	21.34	21.43	21.41	22.50	21.70	21.63	21.63	22.50	21.29	21.34	21.33	22.50
3GPP Rel 6	HSUPA Subtest-4	20.05	20.11	20.08	21.00	20.32	20.31	20.32	21.00	20.02	20.00	19.98	21.00
3GPP Rel 6	HSUPA Subtest-5	21.30	21.40	21.30	22.50	21.60	21.60	21.60	22.50	21.20	21.20	21.30	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.57	20.65	20.55	21.50	20.75	20.80	20.81	21.50	20.52	20.53	20.42	21.50

Band 2_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.74	22.73	22.72	24	0	
20	QPSK	1	49	22.88	22.79	22.91			
20	QPSK	1	99	22.64	22.61	22.77			
20	QPSK	50	0	21.66	21.71	21.83			
20	QPSK	50	24	21.75	21.72	21.85	23	1	
20	QPSK	50	50	21.69	21.63	21.76			
20	QPSK	100	0	21.71	21.68	21.82			
20	16QAM	1	0	21.83	21.83	21.84			
20	16QAM	1	49	22.01	21.91	22.02	23	1	
20	16QAM	1	99	21.79	21.69	21.87			
20	16QAM	50	0	20.83	20.80	21.02			
20	16QAM	50	24	20.90	20.84	21.02			
20	16QAM	50	50	20.86	20.78	20.88	22	2	
20	16QAM	100	0	20.82	20.80	20.93			
20	64QAM	1	0	20.93	20.92	20.90			
20	64QAM	1	49	21.11	20.95	21.08			
20	64QAM	1	99	20.84	20.82	20.97	22	2	
20	64QAM	50	0	19.82	19.86	19.97			
20	64QAM	50	24	19.90	19.86	19.96			
20	64QAM	50	50	19.80	19.78	19.90			
20	64QAM	100	0	19.82	19.79	19.91	21	3	
Channel				18675	18900	19125			
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	22.66	22.65	22.71	24	0	
15	QPSK	1	37	22.79	22.70	22.85			
15	QPSK	1	74	22.73	22.72	22.89			
15	QPSK	36	0	21.66	21.69	21.81			
15	QPSK	36	20	21.77	21.66	21.81	23	1	
15	QPSK	36	39	21.71	21.59	21.77			
15	QPSK	75	0	21.71	21.67	21.84			
15	16QAM	1	0	21.90	21.88	21.92			
15	16QAM	1	37	22.03	21.91	22.05	23	1	
15	16QAM	1	74	21.84	21.79	21.91			
15	16QAM	36	0	20.81	20.84	20.97			
15	16QAM	36	20	20.93	20.82	20.99			
15	16QAM	36	39	20.85	20.75	20.94	22	2	
15	16QAM	75	0	20.86	20.76	20.99			
15	64QAM	1	0	20.99	20.94	20.99			
15	64QAM	1	37	21.07	20.97	21.15			
15	64QAM	1	74	20.91	20.87	21.03	22	2	
15	64QAM	36	0	19.86	19.89	20.00			
15	64QAM	36	20	19.89	19.82	19.99			
15	64QAM	36	39	19.86	19.76	19.98			
15	64QAM	75	0	19.84	19.76	19.93	21	3	
Channel				18650	18900	19150			
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	22.70	22.69	22.82	24	0	
10	QPSK	1	25	22.70	22.69	22.85			
10	QPSK	1	49	22.73	22.64	22.79			
10	QPSK	25	0	21.70	21.70	21.91			
10	QPSK	25	12	21.68	21.67	21.82	23	1	
10	QPSK	25	25	21.73	21.64	21.79			
10	QPSK	50	0	21.73	21.69	21.86			
10	16QAM	1	0	21.92	21.90	22.02			
10	16QAM	1	25	21.82	21.81	21.96	23	1	
10	16QAM	1	49	21.85	21.84	21.98			
10	16QAM	25	0	20.86	20.89	21.07			
10	16QAM	25	12	20.92	20.86	21.02			
10	16QAM	25	25	20.89	20.84	20.97	22	2	
10	16QAM	50	0	20.85	20.79	20.97			
10	64QAM	1	0	21.00	21.00	21.14			
10	64QAM	1	25	21.00	21.01	21.17			
10	64QAM	1	49	21.05	20.96	21.07	22	2	
10	64QAM	25	0	19.86	19.90	20.05			
10	64QAM	25	12	19.87	19.84	20.01			
10	64QAM	25	25	19.89	19.76	19.93			
10	64QAM	50	0	19.87	19.80	19.99	21	3	
Channel				18625	18900	19175			
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	22.74	22.74	22.89	24	0	
5	QPSK	1	12	22.75	22.73	22.85			
5	QPSK	1	24	22.70	22.70	22.84			
5	QPSK	12	0	21.71	21.72	21.84			
5	QPSK	12	7	21.70	21.66	21.83	23	1	
5	QPSK	12	13	21.68	21.64	21.76			
5	QPSK	25	0	21.70	21.68	21.84			
5	16QAM	1	0	21.95	21.94	22.07			
5	16QAM	1	12	21.94	21.93	22.04	23	1	
5	16QAM	1	24	21.92	21.89	21.94			
5	16QAM	12	0	20.89	20.87	21.02			
5	16QAM	12	7	20.85	20.80	20.99			
5	16QAM	12	13	20.84	20.79	20.91	22	2	
5	16QAM	25	0	20.89	20.85	21.01			
5	64QAM	1	0	21.02	21.00	21.17			
5	64QAM	1	12	21.06	21.01	21.09			
5	64QAM	1	24	21.03	20.96	21.09	22	2	
5	64QAM	12	0	19.92	19.89	20.04			
5	64QAM	12	7	19.86	19.80	20.00			
5	64QAM	12	13	19.86	19.79	19.95			
5	64QAM	25	0	19.86	19.84	19.97	21	3	
Channel				18615	18900	19185			
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	22.70	22.68	22.78	24	0	
3	QPSK	1	8	22.67	22.65	22.81			
3	QPSK	1	14	22.69	22.65	22.78			
3	QPSK	8	0	21.67	21.67	21.82			
3	QPSK	8	4	21.68	21.63	21.80	23	1	
3	QPSK	8	7	21.66	21.60	21.77			
3	QPSK	15	0	21.68	21.62	21.80			
3	16QAM	1	0	21.93	21.91	22.00			
3	16QAM	1	8	21.98	21.88	22.01	23	1	
3	16QAM	1	14	21.93	21.88	21.96			
3	16QAM	8	0	20.92	20.89	21.04			
3	16QAM	8	4	20.92	20.86	21.04			
3	16QAM	8	7	20.90	20.86	21.01	22	2	
3	16QAM	15	0	20.88	20.83	20.99			
3	64QAM	1	0	21.01	20.99	21.09			
3	64QAM	1	8	20.97	20.94	21.10			
3	64QAM	1	14	21.03	20.96	21.09	22	2	
3	64QAM	8	0	19.88	19.88	20.00			
3	64QAM	8	4	19.88	19.81	19.99			
3	64QAM	8	7	19.86	19.79	19.96			
3	64QAM	15	0	19.84	19.75	19.96	21	3	
Channel				18607	18900	19193			
Frequency (MHz)				18507	1880	1909.3			
1.4	QPSK	1	0	22.66	22.67	22.76	24	0	
1.4	QPSK	1	3	22.68	22.66	22.80			
1.4	QPSK	1	5	22.69	22.66	22.78			
1.4	QPSK	3	0	22.73	22.71	22.82			
1.4	QPSK	3	1	22.72	22.71	22.81	23	1	
1.4	QPSK	3	3	22.73	22.69	22.80			
1.4	QPSK	6	0	21.71	21.70	21.80			
1.4	16QAM	1	0	21.91	21.86	21.96			
1.4	16QAM	1	3	21.97	21.92	22.00	23	1	
1.4	16QAM	1	5	21.89	21.88	21.95			
1.4	16QAM	3	0	21.74	21.69	21.83			
1.4	16QAM	3	1	21.75	21.72	21.82			
1.4	16QAM	3	3	21.74	21.67	21.84	22	2	
1.4	QPSK	6	0	20.93	20.89	21.03			
1.4	64QAM	1	0	21.02	20.97	21.07			
1.4	64QAM	1	3	21.01	20.98	21.08			
1.4	64QAM	1	5	20.97	20.96	21.04	22	2	
1.4	64QAM	3	0	20.97	20.95	21.05			
1.4	64QAM	3	1	20.97	20.92	21.07			
1.4	64QAM	3	3	20.96	20.91	21.04			
1.4	64QAM	6	0	19.82	19.81	19.91	21	3	

Band 7_Ant 13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	2510	2535	2560	
Frequency (MHz)				22.75	22.79	22.83				
20	QPSK	1	0	22.75	22.79	22.83				
20	QPSK	1	49	22.87	22.99	22.95	24	0		
20	QPSK	1	99	22.81	22.94	22.92				
20	QPSK	50	0	21.78	21.90	21.87				
20	QPSK	50	24	21.79	21.92	21.88	23	1		
20	QPSK	50	50	21.71	21.84	21.81				
20	QPSK	100	0	21.75	21.89	21.86				
20	16QAM	1	0	21.82	21.90	21.81	23	1		
20	16QAM	1	49	21.95	22.06	22.01				
20	16QAM	1	99	21.97	21.96	22.05				
20	16QAM	50	0	20.79	20.85	20.85	22	2		
20	16QAM	50	24	20.79	20.88	20.89				
20	16QAM	50	50	20.71	20.88	20.99				
20	16QAM	100	0	20.73	20.84	20.87	22	2		
20	16QAM	1	0	20.77	20.82	20.76				
20	64QAM	1	49	20.93	20.97	20.91				
20	64QAM	1	99	20.81	20.97	21.01	21	3		
20	64QAM	50	0	19.77	19.85	19.81				
20	64QAM	50	24	19.76	19.89	19.86				
20	64QAM	50	50	19.70	19.86	19.97	20	19.74	19.82	19.86
20	64QAM	100	0	19.74	19.82	19.86				
Channel				20825	21100	21375				
Frequency (MHz)				22.67	22.75	22.82	2507.5	2535	2562.5	
15	QPSK	1	0	22.74	22.80	22.78				
15	QPSK	1	37	22.82	22.93	22.95				
15	QPSK	1	74	21.96	22.00	22.04	23	1		
15	QPSK	36	0	21.77	21.84	21.87				
15	QPSK	36	20	21.77	21.89	21.92				
15	QPSK	36	39	21.80	21.86	21.98	23	1		
15	QPSK	75	0	21.76	21.86	21.90				
15	16QAM	1	0	21.91	21.98	21.92				
15	16QAM	1	37	21.97	22.07	22.09	23	1		
15	16QAM	1	74	21.96	22.00	22.04				
15	16QAM	36	0	20.78	20.87	20.88				
15	16QAM	36	20	20.78	20.90	20.92	22	2		
15	16QAM	36	39	20.85	20.89	20.99				
15	16QAM	75	0	20.78	20.85	20.92				
15	64QAM	1	0	20.90	20.94	20.89	22	2		
15	64QAM	1	37	20.95	21.03	21.02				
15	64QAM	1	74	20.92	21.01	21.03				
15	64QAM	36	0	19.81	19.90	19.92	21	3		
15	64QAM	36	20	19.81	19.96	19.93				
15	64QAM	36	39	19.84	19.89	19.98				
15	64QAM	75	0	19.76	19.86	19.90	20800	21100	21400	
Channel				20800	21100	21400				
Frequency (MHz)				22.05	22.35	22.65				
10	QPSK	1	0	22.83	22.87	22.83	24	0		
10	QPSK	1	25	22.87	22.94	22.95				
10	QPSK	1	49	22.83	22.94	22.95				
10	QPSK	25	0	21.85	21.90	21.84	23	1		
10	QPSK	25	12	21.83	21.93	21.94				
10	QPSK	25	25	21.84	21.93	21.97				
10	QPSK	50	0	21.85	21.96	21.96	23	1		
10	16QAM	1	0	21.96	22.05	21.97				
10	16QAM	1	25	22.00	22.10	22.10				
10	16QAM	1	49	21.97	22.11	22.09	22	2		
10	16QAM	25	0	20.87	20.95	20.88				
10	16QAM	25	12	20.87	20.94	20.95				
10	16QAM	25	25	20.86	20.95	20.98	22	2		
10	16QAM	50	0	20.87	20.93	20.94				
10	64QAM	1	0	20.96	20.99	20.89				
10	64QAM	1	25	20.96	21.03	21.05	22	2		
10	64QAM	1	49	20.95	21.04	21.06				
10	64QAM	25	0	19.88	19.92	19.88				
10	64QAM	25	12	19.87	19.95	19.94	21	3		
10	64QAM	25	25	19.86	19.95	19.94				
10	64QAM	50	0	19.85	19.94	19.94				
Channel				20775	21100	21425	20775	2535	2567.5	
Frequency (MHz)				22.02	22.35	22.67.5				
5	QPSK	1	0	22.87	22.92	22.93				
5	QPSK	1	12	22.87	22.94	22.97	24	0		
5	QPSK	1	24	22.86	22.95	22.91				
5	QPSK	12	0	21.81	21.93	21.97	23	1		
5	QPSK	12	7	21.84	21.89	21.97				
5	QPSK	12	13	21.81	21.89	21.94				
5	QPSK	25	0	21.85	21.88	21.95	23	1		
5	16QAM	1	0	21.99	22.08	22.08				
5	16QAM	1	12	22.04	22.05	22.12				
5	16QAM	1	24	21.99	22.08	22.12	22	2		
5	16QAM	12	0	20.83	20.91	20.93				
5	16QAM	12	7	20.81	20.89	20.94				
5	16QAM	12	13	20.80	20.90	20.92	22	2		
5	16QAM	25	0	20.87	20.91	20.95				
5	64QAM	1	0	20.98	21.00	21.05				
5	64QAM	1	12	21.00	21.04	21.06	22	2		
5	64QAM	1	24	20.96	21.04	21.06				
5	64QAM	12	0	19.88	19.97	19.98				
5	64QAM	12	7	19.89	19.93	20.03	21	3		
5	64QAM	12	13	19.83	19.93	19.97				
5	64QAM	25	0	19.87	19.89	19.96				

Band 12_Ant 13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power High Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				23060	23095	23130	704	707.5	711	
Frequency (MHz)				23.10	23.15	23.13				
10	QPSK	1	0	23.21	23.11	23.06	24	0		
10	QPSK	1	25	23.22	23.15	23.13				
10	QPSK	1	49	23.09	23.08	23.10				
10	QPSK	25	0	21.89	22.03	22.12	23	1		
10	QPSK	25	12	22.17	22.09	22.15				
10	QPSK	25	25	22.04	22.07	22.10				
10	QPSK	50	0	22.10	22.07	22.03	23	1		
10	16QAM	1	0	22.36	22.28	22.23				
10	16QAM	1	25	22.31	22.34	22.42				
10	16QAM	1	49	21.27	21.26	21.33	22	2		
10	16QAM	25	0	20.93	21.12	21.15				
10	16QAM	25	12	21.11	21.09	21.16				
10	16QAM	25	25	21.04	21.14	21.14	22	2		
10	16QAM	50	0	20.96	21.15	21.13				
10	64QAM	1	0	21.28	21.16	21.12				
10	64QAM	1	25	21.19	21.28	21.30	22	2		
10	64QAM	1	49	21.27	21.26	21.33				
10	64QAM	25	0	19.90	20.10	20.14				
10	64QAM	25	12	20.10	20.06	20.12	21	3		
10	64QAM	25	25	20.03	20.11	20.13				
10	64QAM	50	0	19.86	20.09	20.12				
Channel				23035	23095	23155	705	707.5	713.5	
Frequency (MHz)				23.15	23.15	23.15				
5	QPSK	1	0	23.15	23.09	22.96	24	0		
5	QPSK	1	12	23.16	23.10	23.06				
5	QPSK	1	24	23.16	23.10	23.11				
5	QPSK	12	0	21.96	22.15	22.14	23	1		
5	QPSK	12	7	22.14	22.09	22.14				
5	QPSK	12	13	22.15	22.06	22.02				
5	QPSK	25	0	21.11	22.11	22.08	23	1		
5	QPSK	25	0	22.33	22.27	22.35				
5	16QAM	1	12	22.42	22.32	22.40				
5	16QAM	1	24	22.35	22.39	22.44	22	2		
5	16QAM	12	0	20.98	21.12	21.09				
5	16QAM	12	7	21.15	21.06	21.12				
5	16QAM	12	13	21.13	21.04	21.00	22	2		
5	16QAM	25	0	21.11	21.12	21.09				
5	16QAM	1	0	21.27	21.19	21.24				
5	64QAM	1	12	21.20	21.28	21.30	22	2		
5	64QAM	1	24	21.25	21.27	21.34				
5	64QAM	12	0	19.97	20.12	20.10				
5	64QAM	12	7	20.13	20.08	20.15	21	3		
5	64QAM	12	13	20.15	20.05	20.01				
5	64QAM	25	0	20.09	20.08	20.03				
Channel				23035	23095	23155	705	707.5	714.5	
Frequency (MHz)				23.15	23.15	23.15				
3	QPSK	1	0	23.09	23.04	22.99	24	0		
3	QPSK	1	8	23.10	22.88	22.86				
3	QPSK	1	14	23.11	22.89	23.01				
3	QPSK	8	0	22.01	22.03	22.10	23	1		
3	QPSK	8	4	22.10	22.06	22.08				
3	QPSK	8	7	22.11	22.02	22.10				
3	16QAM	15	0	22.09	22.04	22.07	23	1		
3	16QAM	1	8	22.35	22.24	22.32				
3	16QAM	1	14	22.34	22.27	22.35				
3	16QAM	8	0	21.09	21.09	21.15	22	2		
3	16QAM	8	4	21.17	21.12	21.12				
3	16QAM	8	7	21.17	21.07	21.17				
3	16QAM	8	7	21.14	21.06	21.09	22	2		
3	64QAM	1	0	21.22	21.16	21.22				
3	64QAM	1	8	21.27	21.21	21.26				
3	64QAM	1	14	21.22	21.15	21.29	21	3		
3	64QAM	8	0	20.06	20.03	20.12				
3	64QAM	8	4	20.14	20.09	20.08				
3	64QAM	8	7	20.13	20.07	20.09	22	2		
3	64QAM	15	0	20.10	20.02	20.04				
3	64QAM	15	0	20.10	20.02	20.04				
Channel				23017	23095	23173	706.7	707.5	715.3	
Frequency (MHz)				23.10	23.15	23.15				
1.4	QPSK	1	0	23.08	22.90	22.86	24	0		
1.4	QPSK	1	3	23.10	22.91	23.02				
1.4	QPSK	1	5	23.09	22.87	23.02				
1.4	QPSK	3	0	23.12	22.86	22.92	23	1		
1.4	QPSK	3	0	23.10	22.88	22.91				
1.4	QPSK	3	3	23.11	22.89	23.04				
1.4	QPSK	6	0	22.11	22.03	22.16	23	1		
1.4	16QAM	1	0	22.33	22.25	22.32				
1.4	16QAM	1	3	22.41	22.29	22.38				
1.4	16QAM	1	5	22.31	22.24	22.26	23	1		
1.4	16QAM	3	0	22.13	22.07	22.15				
1.4	16QAM	3	3	22.11	22.04	22.12				
1.4	16QAM	3	3	22.13	22.05	22.20	22	2		
1.4	16QAM	6	0	21.14	21.08	21.12				
1.4	64QAM	1	0	21.28	21.19	21.29				
1.4	64QAM	1	3	21.23	21.21	21.30	22	2		
1.4	64QAM	1	5	21.29	21.22	21.31				
1.4	64QAM	3	0	21.19	21.12	21.22				
1.4	64QAM	3	1	21.19	21.13	21.27	22	2		
1.4	64QAM	3	3	21.19	21.12	21.27				
1.4	64QAM	6	0	20.06	19.99	20.10				
21	3	3								

Band 18_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dbm)	MPR (db)
Channel				23925			24.5	0
Frequency (MHz)				822.5				
15	QPSK	1	0	22.87			23.5	1
15	QPSK	1	37	22.98				
15	QPSK	1	74	21.97				
15	QPSK	36	0	21.92			23.5	1
15	QPSK	36	20	21.97				
15	QPSK	36	39	21.96				
15	QPSK	75	0	21.92			23.5	1
15	16QAM	1	0	22.03				
15	16QAM	1	37	22.13				
15	16QAM	1	74	22.09			22.5	2
15	16QAM	36	0	20.92				
15	16QAM	36	20	20.91				
15	16QAM	36	39	20.95			22.5	2
15	16QAM	75	0	20.90				
15	64QAM	1	0	20.98				
15	64QAM	1	37	21.08			22.5	2
15	64QAM	1	74	21.05				
15	64QAM	36	0	20.09				
15	64QAM	36	20	20.09			21.5	3
15	64QAM	36	39	20.09				
15	64QAM	75	0	20.08				
Channel				23900	23925	23950	24.5	0
Frequency (MHz)				820	822.5	825		
10	QPSK	1	0	22.79	22.76	22.68	23.5	1
10	QPSK	1	25	22.96	22.82	22.79		
10	QPSK	1	49	22.79	22.85	22.96		
10	QPSK	25	0	21.78	21.90	21.80	23.5	1
10	QPSK	25	12	21.78	21.88	21.91		
10	QPSK	25	25	21.91	21.81	21.87		
10	QPSK	50	0	21.88	21.79	21.79	23.5	1
10	16QAM	1	0	21.89	21.98	21.97		
10	16QAM	1	25	22.05	22.02	22.07		
10	16QAM	1	49	21.96	22.10	22.10	22.5	2
10	16QAM	25	0	20.75	20.90	20.84		
10	16QAM	25	12	20.78	20.75	20.74		
10	16QAM	25	25	20.80	20.85	20.77	22.5	2
10	16QAM	50	0	20.88	20.74	20.87		
10	64QAM	1	0	20.81	20.85	20.84		
10	64QAM	1	25	20.95	21.04	20.99	22.5	2
10	64QAM	1	49	20.96	20.95	21.04		
10	64QAM	25	0	20.01	19.90	20.00		
10	64QAM	25	12	20.06	19.94	19.96	21.5	3
10	64QAM	25	25	19.90	19.97	20.04		
10	64QAM	50	0	19.98	20.01	20.02		
Channel				23875	23925	23975	24.5	0
Frequency (MHz)				817.5	822.5	827.5		
5	QPSK	1	0	22.76	22.86	22.79	23.5	1
5	QPSK	1	12	22.91	22.85	22.96		
5	QPSK	1	24	22.80	22.94	22.95		
5	QPSK	12	0	21.74	21.89	21.79	23.5	1
5	QPSK	12	7	21.77	21.88	21.87		
5	QPSK	12	13	21.79	21.81	21.88		
5	QPSK	25	0	21.88	21.86	21.72	23.5	1
5	16QAM	1	0	21.98	21.88	21.95		
5	16QAM	1	12	22.02	21.99	21.93		
5	16QAM	1	24	21.93	22.10	21.96	22.5	2
5	16QAM	12	0	20.75	20.89	20.90		
5	16QAM	12	7	20.74	20.89	20.84		
5	16QAM	12	13	20.84	20.83	20.94	22.5	2
5	16QAM	25	0	20.81	20.79	20.82		
5	64QAM	1	0	20.82	20.80	20.90		
5	64QAM	1	12	20.91	20.90	20.92	22.5	2
5	64QAM	1	24	21.01	21.01	20.98		
5	64QAM	12	0	19.98	19.89	19.97		
5	64QAM	12	7	20.06	19.93	19.97	21.5	3
5	64QAM	12	13	20.06	20.05	19.89		
5	64QAM	25	0	19.97	19.88	19.91		

Band 19_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				24075			24.5	0
Frequency (MHz)				837.5				
15	QPSK	1	0	22.95			23.5	1
15	QPSK	1	37	23.06				
15	QPSK	1	74	22.99				
15	QPSK	36	0	21.96			23.5	1
15	QPSK	36	20	22.00				
15	QPSK	36	39	21.95				
15	QPSK	75	0	21.96			23.5	1
15	16QAM	1	0	22.14				
15	16QAM	1	37	22.25				
15	16QAM	1	74	22.21			22.5	2
15	16QAM	36	0	20.98				
15	16QAM	36	20	20.99				
15	16QAM	36	39	20.91			22.5	2
15	16QAM	75	0	20.95				
15	64QAM	1	0	21.04				
15	64QAM	1	37	21.16			22.5	2
15	64QAM	1	74	21.07				
15	64QAM	36	0	20.16				
15	64QAM	36	20	20.15			21.5	3
15	64QAM	36	39	20.06				
15	64QAM	75	0	20.08				
Channel				24050	24075	24100	24.5	0
Frequency (MHz)				835	837.5	840		
10	QPSK	1	0	22.94	22.84	22.77	23.5	1
10	QPSK	1	25	22.99	22.92	22.93		
10	QPSK	1	49	22.79	22.76	22.82		
10	QPSK	25	0	21.91	21.85	21.95	23.5	1
10	QPSK	25	12	21.86	21.81	21.84		
10	QPSK	25	25	21.92	21.90	21.93		
10	QPSK	50	0	21.82	21.76	21.88	23.5	1
10	16QAM	1	0	22.02	22.06	22.04		
10	16QAM	1	25	22.08	22.08	22.08		
10	16QAM	1	49	22.08	22.04	22.20	22.5	2
10	16QAM	25	0	20.85	20.95	20.96		
10	16QAM	25	12	20.95	20.84	20.96		
10	16QAM	25	25	20.77	20.85	20.86	22.5	2
10	16QAM	50	0	20.80	20.85	20.80		
10	64QAM	1	0	20.92	21.02	20.86		
10	64QAM	1	25	21.12	21.10	21.09	22.5	2
10	64QAM	1	49	20.94	21.02	21.04		
10	64QAM	25	0	19.96	20.04	20.15		
10	64QAM	25	12	19.99	19.95	20.12	21.5	3
10	64QAM	25	25	19.86	19.92	19.90		
10	64QAM	50	0	19.98	19.93	19.89		
Channel				24025	24075	24125	24.5	0
Frequency (MHz)				832.5	837.5	842.5		
5	QPSK	1	0	22.81	22.92	22.78	23.5	1
5	QPSK	1	12	23.05	22.92	22.95		
5	QPSK	1	24	22.85	22.83	22.84		
5	QPSK	12	0	21.80	21.95	21.96	23.5	1
5	QPSK	12	7	21.94	21.84	21.87		
5	QPSK	12	13	21.89	21.79	21.93		
5	QPSK	25	0	21.91	21.89	21.95	23.5	1
5	16QAM	1	0	22.05	22.05	22.06		
5	16QAM	1	12	22.10	22.19	22.17		
5	16QAM	1	24	22.18	22.04	22.01	22.5	2
5	16QAM	12	0	20.84	20.91	20.85		
5	16QAM	12	7	20.98	20.88	20.81		
5	16QAM	12	13	20.78	20.82	20.73	22.5	2
5	16QAM	25	0	20.92	20.94	20.86		
5	64QAM	1	0	21.03	20.99	20.89		
5	64QAM	1	12	20.99	21.14	21.05	22.5	2
5	64QAM	1	24	20.87	21.02	20.98		
5	64QAM	12	0	19.97	20.06	19.98		
5	64QAM	12	7	19.97	19.96	20.02	21.5	3
5	64QAM	12	13	20.00	19.97	20.04		
5	64QAM	25	0	19.96	19.99	19.95		

Band 26_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				26765	26865	26965		
Frequency (MHz)				821.5	831.5	841.5		
15	QPSK	1	0	23.14	23.13	23.25	24.5	0
15	QPSK	1	37	23.21	23.33	23.31		
15	QPSK	1	74	23.20	23.23	23.20		
15	QPSK	36	0	22.06	22.13	22.15	23.5	1
15	QPSK	36	20	22.11	22.20	22.18		
15	QPSK	36	39	22.10	22.12	22.15		
15	QPSK	75	0	22.07	22.15	22.15	23.5	1
15	16QAM	1	0	23.21	23.20	23.26		
15	16QAM	1	37	22.28	22.38	22.42		
15	16QAM	1	74	22.30	22.30	22.26	22.5	2
15	16QAM	36	0	21.02	21.10	21.18		
15	16QAM	36	20	21.04	21.12	21.14		
15	16QAM	36	39	21.06	21.12	21.14	21.5	3
15	16QAM	75	0	21.05	21.11	21.17		
15	64QAM	1	0	21.12	21.13	21.25		
15	64QAM	1	37	21.25	21.28	21.33	21.5	3
15	64QAM	1	74	21.22	21.20	21.18		
15	64QAM	36	0	20.16	20.27	20.30		
15	64QAM	36	20	20.22	20.25	20.33	21.5	3
15	64QAM	36	39	20.25	20.29	20.30		
15	64QAM	75	0	20.21	20.28	20.34		
Channel				818	831.5	844	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				818	831.5	844		
10	QPSK	1	0	23.08	23.15	23.20	24.5	0
10	QPSK	1	25	23.12	23.20	23.19		
10	QPSK	1	49	23.10	23.20	23.18		
10	QPSK	25	0	22.02	22.14	22.24	23.5	1
10	QPSK	25	12	22.06	22.12	22.17		
10	QPSK	25	25	22.06	22.13	22.12		
10	QPSK	50	0	22.07	22.14	22.21	23.5	1
10	16QAM	1	0	22.26	22.33	22.39		
10	16QAM	1	25	22.27	22.38	22.42		
10	16QAM	1	49	22.28	22.38	22.30	22.5	2
10	16QAM	25	0	21.03	21.17	21.23		
10	16QAM	25	12	21.07	21.14	21.16		
10	16QAM	25	25	21.06	21.12	21.18	21.5	3
10	16QAM	50	0	21.09	21.13	21.21		
10	64QAM	1	0	21.15	21.22	21.28		
10	64QAM	1	25	21.20	21.28	21.29	21.5	3
10	64QAM	1	49	21.15	21.26	21.24		
10	64QAM	25	0	20.17	20.33	20.40		
10	64QAM	25	12	20.21	20.28	20.34	21.5	3
10	64QAM	25	25	20.21	20.28	20.33		
10	64QAM	50	0	20.17	20.37	20.43		
Channel				816.5	836.5	27015	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				816.5	831.5	846.5		
5	QPSK	1	0	23.13	23.20	23.21	24.5	0
5	QPSK	1	12	23.14	23.20	23.20		
5	QPSK	1	24	23.13	23.24	23.19		
5	QPSK	12	0	22.06	22.15	22.18	23.5	1
5	QPSK	12	7	22.07	22.14	22.18		
5	QPSK	12	13	22.06	22.14	22.09		
5	QPSK	25	0	22.07	22.12	22.17	23.5	1
5	16QAM	1	0	22.30	22.33	22.44		
5	16QAM	1	12	22.28	22.38	22.41		
5	16QAM	1	24	22.27	22.38	22.32	22.5	2
5	16QAM	12	0	21.02	21.13	21.16		
5	16QAM	12	7	21.05	21.12	21.16		
5	16QAM	12	13	21.04	21.12	21.07	22.5	2
5	16QAM	25	0	21.07	21.15	21.17		
5	64QAM	1	0	21.22	21.29	21.32		
5	64QAM	1	12	21.25	21.33	21.34	21.5	3
5	64QAM	1	24	21.21	21.29	21.27		
5	64QAM	12	0	20.23	20.34	20.36		
5	64QAM	12	7	20.24	20.34	20.35	21.5	3
5	64QAM	12	13	20.23	20.32	20.26		
5	64QAM	25	0	20.18	20.30	20.32		
Channel				26975	26985	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				830.5	831.5	847.5		
3	QPSK	1	0	23.10	23.15	23.17	24.5	0
3	QPSK	1	8	23.05	23.16	23.14		
3	QPSK	1	14	23.09	23.17	23.17		
3	QPSK	8	0	22.05	22.12	22.14	23.5	1
3	QPSK	8	4	22.05	22.11	22.13		
3	QPSK	8	7	22.06	22.12	22.11		
3	QPSK	15	0	22.04	22.11	22.12	23.5	1
3	16QAM	1	0	22.28	22.28	22.38		
3	16QAM	1	8	22.25	22.34	22.32		
3	16QAM	1	14	22.25	22.38	22.29	22.5	2
3	16QAM	8	0	21.09	21.19	21.22		
3	16QAM	8	4	21.07	21.18	21.17		
3	16QAM	8	7	21.08	21.19	21.17	21.5	3
3	16QAM	15	0	21.07	21.15	21.17		
3	64QAM	1	0	21.20	21.24	21.28		
3	64QAM	1	8	21.15	21.27	21.27	22.5	2
3	64QAM	1	14	21.19	21.27	21.21		
3	64QAM	8	0	20.23	20.31	20.34		
3	64QAM	8	4	20.26	20.28	20.26	21.5	3
3	64QAM	8	7	20.27	20.30	20.29		
3	64QAM	15	0	20.19	20.30	20.29		
Channel				26997	26985	27033	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				814.7	831.5	848.3		
1.4	QPSK	1	0	23.08	23.15	23.13	24.5	0
1.4	QPSK	1	3	23.09	23.12	23.13		
1.4	QPSK	1	5	23.08	23.14	23.12		
1.4	QPSK	3	0	23.09	23.16	23.16	23.5	1
1.4	QPSK	3	1	23.09	23.16	23.14		
1.4	QPSK	3	3	23.11	23.14	23.16		
1.4	QPSK	6	0	22.09	22.15	22.13	22.5	2
1.4	16QAM	1	0	22.28	22.33	22.33		
1.4	16QAM	1	3	22.27	22.33	22.27		
1.4	16QAM	1	5	22.29	22.34	22.31	23.5	1
1.4	16QAM	3	0	22.11	22.17	22.18		
1.4	16QAM	3	1	22.13	22.18	22.18		
1.4	16QAM	3	3	22.10	22.15	22.17	22.5	2
1.4	64QAM	1	0	21.19	21.28	21.26		
1.4	64QAM	1	3	21.21	21.29	21.21		
1.4	64QAM	1	5	21.19	21.22	21.21	22.5	2
1.4	64QAM	3	0	21.16	21.22	21.23		
1.4	64QAM	3	1	21.18	21.26	21.20		
1.4	64QAM	3	3	21.16	21.21	21.23	21.5	3
1.4	64QAM	6	0	20.16	20.23	20.24		

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dbm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.94	22.92	22.85	24.5	0	
20	QPSK	1	49	23.19	23.15	23.08			
20	QPSK	1	99	23.11	22.99	23.03			
20	QPSK	50	0	22.02	21.95	21.95	23.5	1	
20	QPSK	50	24	22.07	21.99	21.96			
20	QPSK	50	50	22.06	21.97	21.94			
20	QPSK	100	0	22.03	21.93	21.87	23.5	1	
20	16QAM	1	0	21.99	21.92	21.91			
20	16QAM	1	49	22.22	22.17	22.13			
20	16QAM	1	99	22.22	22.07	22.10	23.5	1	
20	16QAM	50	0	21.03	20.95	20.87			
20	16QAM	50	24	21.07	20.97	20.93			
20	16QAM	50	50	21.08	20.98	20.98	22.5	2	
20	16QAM	100	0	21.06	20.93	20.87			
20	64QAM	1	0	20.82	20.86	20.79			
20	64QAM	1	49	21.09	21.06	20.95	22.5	2	
20	64QAM	1	99	21.05	20.94	20.94			
20	64QAM	50	0	19.96	19.93	19.90			
20	64QAM	50	24	20.03	19.94	19.90	21.5	3	
20	64QAM	50	50	19.98	19.90	19.90			
20	64QAM	100	0	19.98	19.89	19.89			
Channel				37825	38000	38175	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.93	22.96	22.93	24.5	0	
15	QPSK	1	37	23.05	23.06	23.13			
15	QPSK	1	74	23.06	23.00	23.17			
15	QPSK	36	0	21.88	21.99	22.02	23.5	1	
15	QPSK	36	20	21.94	22.00	22.10			
15	QPSK	36	39	22.00	21.98	22.07			
15	QPSK	75	0	21.84	21.98	22.09	23.5	1	
15	16QAM	1	0	22.06	22.05	22.07			
15	16QAM	1	37	22.10	22.13	22.26			
15	16QAM	1	74	22.14	22.07	22.28	23.5	1	
15	16QAM	36	0	20.89	20.94	21.02			
15	16QAM	36	20	20.90	20.97	21.02			
15	16QAM	36	39	20.94	20.94	21.06	22.5	2	
15	16QAM	75	0	20.98	21.00	21.09			
15	64QAM	1	0	20.91	20.93	20.91			
15	64QAM	1	37	21.00	21.09	21.10	22.5	2	
15	64QAM	1	74	21.05	21.00	21.14			
15	64QAM	36	0	19.85	19.97	20.00			
15	64QAM	36	20	19.94	19.98	20.07	21.5	3	
15	64QAM	36	39	19.94	19.95	20.07			
15	64QAM	75	0	19.88	19.93	20.02			
Channel				37800	38000	38200	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.88	22.92	22.96	24.5	0	
10	QPSK	1	25	22.92	22.96	23.07			
10	QPSK	1	49	22.91	22.98	23.04			
10	QPSK	25	0	21.96	22.04	22.12	23.5	1	
10	QPSK	25	12	21.98	21.99	22.18			
10	QPSK	25	25	21.98	21.97	22.13			
10	QPSK	50	0	21.96	22.01	22.13	23.5	1	
10	16QAM	1	0	22.08	22.14	22.23			
10	16QAM	1	25	22.16	22.15	22.32			
10	16QAM	1	49	22.14	22.12	22.33	23.5	1	
10	16QAM	25	0	20.97	21.06	21.22			
10	16QAM	25	12	20.98	21.06	21.17			
10	16QAM	25	25	21.02	21.01	21.20	22.5	2	
10	16QAM	50	0	20.99	21.02	21.18			
10	64QAM	1	0	20.96	21.05	21.00			
10	64QAM	1	25	20.99	21.06	21.18	22.5	2	
10	64QAM	1	49	20.92	21.08	21.20			
10	64QAM	25	0	19.99	20.05	20.11			
10	64QAM	25	12	19.96	19.97	20.19	21.5	3	
10	64QAM	25	25	20.01	20.03	20.17			
10	64QAM	50	0	19.91	19.99	20.05			
Channel				37775	38000	38225	Tune-up limit (dbm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.90	22.95	23.04	24.5	0	
5	QPSK	1	12	22.89	22.96	23.03			
5	QPSK	1	24	22.81	22.94	23.10			
5	QPSK	12	0	21.96	22.03	22.16	23.5	1	
5	QPSK	12	7	21.93	21.97	22.15			
5	QPSK	12	13	21.91	22.00	22.12			
5	QPSK	25	0	21.98	22.05	22.16	23.5	1	
5	16QAM	1	0	22.05	22.08	22.24			
5	16QAM	1	12	22.03	22.19	22.21			
5	16QAM	1	24	22.08	22.21	22.31	23.5	1	
5	16QAM	12	0	20.95	21.03	21.18			
5	16QAM	12	7	20.93	20.98	21.14			
5	16QAM	12	13	20.96	20.98	21.11	22.5	2	
5	16QAM	25	0	21.00	20.99	21.19			
5	64QAM	1	0	21.01	21.09	21.07			
5	64QAM	1	12	21.03	21.12	21.17	22.5	2	
5	64QAM	1	24	20.93	21.06	21.17			
5	64QAM	12	0	19.93	20.03	20.14			
5	64QAM	12	7	19.92	20.03	20.12	21.5	3	
5	64QAM	12	13	19.94	20.01	20.15			
5	64QAM	25	0	19.98	20.04	20.19			

Band 41_Ant 13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
20	QPSK	1	0	22.79	22.82	22.94	23.01	22.93	24.5	0
20	QPSK	1	49	22.93	23.00	23.17	23.14	23.23		
20	QPSK	1	99	22.83	22.99	23.03	23.01	23.19		
20	QPSK	50	0	21.79	21.88	21.97	22.00	22.03	23.5	1
20	QPSK	50	24	21.98	21.96	22.02	22.08	22.10		
20	QPSK	50	50	21.84	21.91	22.01	22.05	22.09		
20	QPSK	100	0	21.89	21.91	21.99	22.04	22.14	23.5	1
20	16QAM	1	0	21.79	21.84	21.95	22.02	21.99		
20	16QAM	1	49	22.01	22.07	22.15	22.17	22.18		
20	16QAM	1	99	21.85	21.96	22.10	22.03	22.19	23.5	1
20	16QAM	50	0	20.80	20.88	20.98	21.05	21.08		
20	16QAM	50	24	20.87	20.95	21.01	21.04	21.12		
20	16QAM	50	50	20.88	20.92	21.03	21.04	21.07	22.5	2
20	16QAM	100	0	20.80	20.86	20.98	21.02	21.05		
20	64QAM	1	0	20.66	20.71	20.77	20.87	20.91		
20	64QAM	1	49	20.80	20.89	21.04	21.15	21.08	22.5	2
20	64QAM	1	99	20.75	20.83	20.87	20.89	21.12		
20	64QAM	50	0	19.76	19.85	19.97	19.99	19.97		
20	64QAM	50	24	19.80	19.91	19.99	19.98	20.20	21.5	3
20	64QAM	50	50	19.80	19.84	20.00	19.98	20.04		
20	64QAM	100	0	19.79	19.81	19.93	19.99	19.97		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	22.76	22.80	22.88	22.95	22.92	24.5	0
15	QPSK	1	37	22.82	22.90	23.03	22.99	23.13		
15	QPSK	1	74	22.80	22.99	22.99	23.00	23.08		
15	QPSK	36	0	21.77	21.83	21.93	21.97	22.03	23.5	1
15	QPSK	36	20	21.78	21.88	21.97	22.01	22.04		
15	QPSK	36	39	21.81	21.86	21.95	21.99	22.11		
15	QPSK	75	0	21.81	21.86	21.95	22.02	22.07	23.5	1
15	16QAM	1	0	21.84	21.88	22.05	22.07	22.08		
15	16QAM	1	37	21.93	22.05	22.18	22.13	22.22		
15	16QAM	1	74	21.91	22.00	22.09	22.10	22.22	22.5	2
15	16QAM	36	0	20.75	20.81	20.94	20.93	20.98		
15	16QAM	36	20	20.80	20.84	20.95	20.96	21.08		
15	16QAM	36	39	20.77	20.82	20.95	20.95	21.05	22.5	2
15	16QAM	75	0	20.80	20.85	20.98	21.01	21.12		
15	16QAM	1	0	20.71	20.76	20.90	20.90	20.98		
15	64QAM	1	0	20.71	20.76	20.90	20.90	20.98	22.5	2
15	64QAM	1	37	20.85	20.88	21.08	21.07	21.14		
15	64QAM	1	74	20.75	20.91	20.93	20.97	21.10		
15	64QAM	36	0	19.76	19.80	19.93	19.94	19.96	21.5	3
15	64QAM	36	20	19.77	19.85	19.97	19.91	20.05		
15	64QAM	39	19.61	19.85	19.94	19.96	20.09	20.04		
15	64QAM	75	0	19.75	19.84	19.95	19.98	20.09		
Channel				39700	40163	40620	41063	41500		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	22.66	22.72	22.90	22.82	23.03	24.5	0
10	QPSK	1	25	22.72	22.82	23.02	22.92	23.11		
10	QPSK	1	49	22.69	22.80	22.94	22.91	23.08		
10	QPSK	25	0	21.83	21.88	22.02	21.99	22.15	23.5	1
10	QPSK	25	12	21.83	21.88	22.02	22.01	22.12		
10	QPSK	25	25	21.81	21.90	21.96	22.04	22.14		
10	QPSK	50	0	21.87	21.88	22.00	22.08	22.16	23.5	1
10	16QAM	1	0	21.97	21.96	22.14	22.09	22.20		
10	16QAM	1	25	21.90	22.06	22.17	22.20	22.25		
10	16QAM	1	49	21.94	21.96	22.12	22.19	22.35	22.5	2
10	16QAM	25	0	20.84	20.90	21.04	21.05	21.11		
10	16QAM	25	12	20.85	20.94	21.03	21.03	21.16		
10	16QAM	25	25	20.88	20.92	21.02	21.05	21.18	22.5	2
10	16QAM	50	0	20.85	20.90	21.04	21.05	21.19		
10	64QAM	1	0	20.76	20.82	21.00	20.99	21.11		
10	64QAM	1	25	20.85	20.90	21.12	21.07	21.14	22.5	2
10	64QAM	1	49	20.79	20.82	20.91	21.04	21.20		
10	64QAM	25	0	19.83	19.87	20.05	20.04	20.18		
10	64QAM	25	12	19.83	20.00	20.03	20.06	20.15	21.5	3
10	64QAM	25	25	19.86	19.92	20.04	20.09	20.21		
10	64QAM	50	0	19.84	19.81	20.00	20.01	20.14		
Channel				39675	40148	40620	41093	41555		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5		
5	QPSK	1	0	22.75	22.75	22.94	22.90	23.10	24.5	0
5	QPSK	1	12	22.75	22.83	23.04	22.97	23.05		
5	QPSK	1	24	22.75	22.82	22.94	22.97	23.16		
5	QPSK	12	0	21.81	21.86	22.02	22.00	22.16	23.5	1
5	QPSK	12	7	21.81	21.80	21.97	21.99	22.19		
5	QPSK	12	13	21.79	21.87	21.96	22.01	22.16		
5	16QAM	1	0	21.82	21.88	22.00	22.00	22.16	23.5	1
5	16QAM	1	0	21.92	22.02	22.14	22.10	22.30		
5	16QAM	1	12	21.93	22.02	22.22	22.19	22.32		
5	16QAM	1	12	21.95	21.97	22.19	22.20	22.33	22.5	2
5	16QAM	12	0	20.85	20.96	21.03	20.97	21.15		
5	16QAM	12	7	20.79	20.88	21.06	21.03	21.22		
5	16QAM	12	13	20.79	20.89	20.95	21.02	21.17	22.5	2
5	16QAM	25	0	20.87	20.94	21.02	21.01	21.17		
5	64QAM	1	0	20.80	20.83	21.05	21.00	21.16		
5	64QAM	1	12	20.98	20.87	21.07	21.14	21.14	22.5	2
5	64QAM	24	20.85	20.89	21.05	21.19	21.20	21.21		
5	64QAM	12	0	19.81	19.98	19.96	19.98	20.16		
5	64QAM	12	7	19.79	19.87	19.96	20.06	20.24	21.5	3
5	64QAM	12	13	19.78	19.87	19.98	19.97	20.19		
5	64QAM	25	0	19.82	19.88	20.01	20.03	20.20		

GSM850_Ant 41		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		32.16	31.97	31.91	33.50	23.16	22.97	22.91	24.50
GPRS 1 Tx slot		32.14	31.96	31.89	33.50	23.14	22.96	22.89	24.50
GPRS 2 Tx slots		30.47	30.30	30.25	31.50	24.47	24.30	24.25	25.50
GPRS 3 Tx slots		28.53	28.23	28.03	29.50	24.27	23.97	23.77	25.24
GPRS 4 Tx slots		26.61	26.60	26.19	27.50	23.61	23.60	23.19	24.50
EDGE 1 Tx slot		26.17	26.04	26.02	27.50	17.17	17.04	17.02	18.50
EDGE 2 Tx slots		23.98	23.89	23.63	25.50	17.98	17.69	17.63	19.50
EDGE 3 Tx slots		21.98	21.69	21.51	23.50	17.72	17.43	17.25	19.24
EDGE 4 Tx slots		19.92	19.59	19.54	21.50	16.92	16.59	16.54	18.50

GSM1900_Ant 31		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1860	1870.8		1850.2	1860	1870.8	
GSM 1 Tx slot		28.91	29.00	29.38	30.50	19.91	20.00	20.38	21.50
GPRS 1 Tx slot		28.89	28.99	29.36	30.50	19.89	19.99	20.36	21.50
GPRS 2 Tx slots		27.28	27.46	27.75	28.50	21.28	21.46	21.75	22.50
GPRS 3 Tx slots		25.18	25.29	25.68	26.50	20.92	21.03	21.42	22.24
GPRS 4 Tx slots		23.14	23.13	23.62	24.50	20.14	20.13	20.62	21.50
EDGE 1 Tx slot		25.11	25.18	25.60	27.00	16.11	16.18	16.60	18.00
EDGE 2 Tx slots		23.16	23.13	23.63	25.00	17.16	17.13	17.63	19.00
EDGE 3 Tx slots		21.08	21.03	21.52	23.00	16.82	16.77	17.26	18.74
EDGE 4 Tx slots		19.11	19.01	19.24	21.00	16.11	16.01	16.24	18.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)	WCDMA V_Ant 41			Tune-up Limit (dBm)
TX Channel		9262	9100	9538		1312	1413	1513		4192	4182	4233	
Rx Channel		9662	9800	9938		1637	1633	1733		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	AMR 12.2Kbps	23.25	23.43	23.42	24.50	23.68	23.70	23.60	24.50	23.30	23.38	23.37	24.50
3GPP Rel 99	RMC 12.2Kbps	23.27	23.45	23.44	24.50	23.70	23.72	23.62	24.50	23.32	23.41	23.40	24.50
3GPP Rel 6	HSDPA Subtest-1	22.26	22.42	22.41	23.50	22.72	22.69	22.55	23.50	22.35	22.40	22.43	23.50
3GPP Rel 6	HSDPA Subtest-2	22.22	22.40	22.41	23.50	22.76	22.66	22.55	23.50	22.30	22.39	22.39	23.50
3GPP Rel 6	HSDPA Subtest-3	21.78	21.92	21.93	23.00	22.25	22.18	22.10	23.00	21.85	21.92	21.97	23.00
3GPP Rel 6	HSDPA Subtest-4	21.74	21.93	21.87	23.00	22.25	22.17	22.03	23.00	21.82	21.91	21.94	23.00
3GPP Rel 6	HSDPA Subtest-1	20.47	20.61	20.63	21.50	20.99	20.87	20.78	21.50	20.26	20.34	20.38	21.50
3GPP Rel 6	HSUPA Subtest-2	20.47	20.59	20.62	21.50	20.96	20.86	20.80	21.50	20.30	20.35	20.38	21.50
3GPP Rel 6	HSUPA Subtest-3	21.33	21.49	21.53	22.50	21.82	21.75	21.64	22.50	21.31	21.37	21.41	22.50
3GPP Rel 6	HSUPA Subtest-4	20.00	20.16	20.19	21.00	20.49	20.39	20.34	21.00	19.99	20.03	20.09	21.00
3GPP Rel 6	HSUPA Subtest-5	21.30	21.40	21.40	22.50	21.80	21.70	21.60	22.50	21.30	21.30	21.30	22.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	20.50	20.62	20.64	21.50	20.95	20.83	20.80	21.50	20.44	20.54	20.62	21.50

Band 2_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18800	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	22.71	22.76	22.87	24	0	
20	QPSK	1	49	22.80	22.86	22.92			
20	QPSK	1	99	22.81	22.83	22.84			
20	QPSK	50	0	21.69	21.71	21.84			
20	QPSK	50	24	21.75	21.73	21.86	23	1	
20	QPSK	50	50	21.71	21.59	21.82			
20	QPSK	100	0	21.71	21.70	21.82			
20	16QAM	1	0	21.90	21.83	21.97			
20	16QAM	1	49	21.67	22.08	22.01	23	1	
20	16QAM	1	99	21.64	21.63	22.06			
20	16QAM	50	0	20.80	20.87	21.09			
20	16QAM	50	24	20.85	20.86	21.07			
20	16QAM	50	50	20.90	20.73	20.96	22	2	
20	16QAM	100	0	20.82	20.76	21.02			
20	64QAM	1	0	21.04	21.06	21.10			
20	64QAM	1	49	21.00	21.14	21.20			
20	64QAM	1	99	20.89	20.74	20.84	22	2	
20	64QAM	50	0	19.85	19.73	19.95			
20	64QAM	50	24	19.89	19.88	20.03			
20	64QAM	50	50	19.80	19.97	20.00			
20	64QAM	100	0	19.82	19.72	19.93	21	3	
Channel				18675 <th>18800</th> <th>19025</th>	18800	19025			
Frequency (MHz)				1867.5 <th>18800</th> <th>1902.5</th>	18800	1902.5			
15	QPSK	1	0	22.64	22.63	22.74	24	0	
15	QPSK	1	37	22.76	22.69	22.89			
15	QPSK	1	74	22.59	22.59	22.75			
15	QPSK	36	0	21.65	21.69	21.83			
15	QPSK	36	20	21.74	21.68	21.85	23	1	
15	QPSK	36	39	21.68	21.61	21.82			
15	QPSK	75	0	21.70	21.62	21.84			
15	16QAM	1	0	21.79	21.88	21.94			
15	16QAM	1	37	22.01	21.89	22.12	23	1	
15	16QAM	1	74	21.84	21.76	21.93			
15	16QAM	36	0	20.84	20.81	20.95			
15	16QAM	36	20	20.87	20.86	21.01			
15	16QAM	36	39	20.89	20.76	21.00	22	2	
15	16QAM	75	0	20.84	20.83	20.98			
15	64QAM	1	0	20.91	20.94	21.04			
15	64QAM	1	37	21.06	20.98	21.14			
15	64QAM	1	74	21.05	21.01	21.04	22	2	
15	64QAM	36	0	19.92	19.90	19.99			
15	64QAM	36	20	19.96	19.84	19.98			
15	64QAM	36	39	19.81	19.76	20.01			
15	64QAM	75	0	19.87	19.76	20.00	21	3	
Channel				18650 <th>18800</th> <th>19150</th>	18800	19150			
Frequency (MHz)				1865 <th>1880</th> <th>1905</th>	1880	1905			
10	QPSK	1	0	22.70	22.69	22.86	24	0	
10	QPSK	1	25	22.72	22.73	22.90			
10	QPSK	1	49	22.71	22.67	22.85			
10	QPSK	25	0	21.67	21.70	21.92			
10	QPSK	25	12	21.66	21.67	21.86	23	1	
10	QPSK	25	25	21.72	21.63	21.82			
10	QPSK	50	0	21.71	21.69	21.83			
10	16QAM	1	0	21.84	21.93	22.09			
10	16QAM	1	25	21.89	21.88	22.13	23	1	
10	16QAM	1	49	21.90	21.81	21.99			
10	16QAM	25	0	20.87	20.87	21.09			
10	16QAM	25	12	20.86	20.85	21.06			
10	16QAM	25	25	20.87	20.82	21.02	22	2	
10	16QAM	50	0	20.85	20.82	21.02			
10	64QAM	1	0	20.94	20.97	21.13			
10	64QAM	1	25	20.98	20.94	21.16			
10	64QAM	1	49	20.98	20.90	21.09	22	2	
10	64QAM	25	0	19.82	19.84	20.09			
10	64QAM	25	12	19.83	19.82	20.04			
10	64QAM	25	25	19.87	19.78	19.99			
10	64QAM	50	0	19.86	19.80	19.98	21	3	
Channel				18625 <th>18800</th> <th>19175</th>	18800	19175			
Frequency (MHz)				1862.5 <th>18800</th> <th>1902.5</th>	18800	1902.5			
5	QPSK	1	0	22.75	22.73	22.91	24	0	
5	QPSK	1	12	22.75	22.76	22.90			
5	QPSK	1	24	22.71	22.75	22.90			
5	QPSK	12	0	21.69	21.73	21.90			
5	QPSK	12	7	21.66	21.68	21.98	23	1	
5	QPSK	12	13	21.65	21.65	21.80			
5	QPSK	25	0	21.67	21.69	21.87			
5	16QAM	1	0	21.91	21.94	22.17			
5	16QAM	1	12	21.91	21.89	22.08	23	1	
5	16QAM	1	24	21.90	21.87	22.02			
5	16QAM	12	0	20.87	20.89	21.05			
5	16QAM	12	7	20.81	20.82	21.02			
5	16QAM	12	13	20.82	20.80	20.97	22	2	
5	16QAM	25	0	20.86	20.86	21.05			
5	64QAM	1	0	21.00	21.01	21.19			
5	64QAM	1	12	21.02	20.99	21.17			
5	64QAM	1	24	20.98	20.98	21.14	22	2	
5	64QAM	12	0	19.90	19.89	20.10			
5	64QAM	12	7	19.86	19.83	20.05			
5	64QAM	12	13	19.85	19.83	20.00			
5	64QAM	25	0	19.83	19.83	20.02	21	3	
Channel				18615 <th>18800</th> <th>19185</th>	18800	19185			
Frequency (MHz)				1861.5 <th>18800</th> <th>1908.5</th>	18800	1908.5			
3	QPSK	1	0	22.71	22.71	22.86	24	0	
3	QPSK	1	8	22.68	22.68	22.86			
3	QPSK	1	14	22.71	22.70	22.86			
3	QPSK	8	0	21.67	21.70	21.87			
3	QPSK	8	4	21.67	21.66	21.85	23	1	
3	QPSK	8	7	21.64	21.63	21.83			
3	QPSK	15	0	21.64	21.63	21.84			
3	16QAM	1	0	21.87	21.91	22.03			
3	16QAM	1	8	21.85	21.87	22.01	23	1	
3	16QAM	1	14	21.85	21.86	21.98			
3	16QAM	8	0	20.91	20.93	21.09			
3	16QAM	8	4	20.90	20.90	21.09			
3	16QAM	8	7	20.88	20.88	21.05	22	2	
3	16QAM	15	0	20.86	20.84	21.04			
3	64QAM	1	0	20.96	21.02	21.15			
3	64QAM	1	8	20.94	20.97	21.12			
3	64QAM	1	14	20.97	20.96	21.15	22	2	
3	64QAM	8	0	19.89	19.89	20.08			
3	64QAM	8	4	19.85	19.85	20.04			
3	64QAM	8	7	19.84	19.83	20.01			
3	64QAM	15	0	19.80	19.76	20.00	21	3	
Channel				18607 <th>18800</th> <th>19193</th>	18800	19193			
Frequency (MHz)				1860.7 <th>18800</th> <th>1909.3</th>	18800	1909.3			
1.4	QPSK	1	0	22.66	22.67	22.82	24	0	
1.4	QPSK	1	3	22.70	22.69	22.85			
1.4	QPSK	1	5	22.68	22.68	22.81			
1.4	QPSK	3	0	22.71	22.71	22.86			
1.4	QPSK	3	1	22.74	22.73	22.87	23	1	
1.4	QPSK	3	3	22.73	22.69	22.87			
1.4	QPSK	6	0	21.69	21.72	21.87			
1.4	16QAM	1	0	21.86	21.86	22.01			
1.4	16QAM	1	3	21.88	21.87	22.03	23	1	
1.4	16QAM	1	5	21.87	21.86	22.06			
1.4	16QAM	3	0	21.72	21.72	21.90			
1.4	16QAM	3	1	21.75	21.74	21.86			
1.4	16QAM	3	3	21.71	21.70	21.87	22	2	
1.4	64QAM	1	0	20.90	20.90	21.17			
1.4	64QAM	1	3	20.98	20.99	21.13			
1.4	64QAM	1	5	20.99	20.98	21.11			
1.4	64QAM	3	0	20.93	20.95	21.11	22	2	
1.4	64QAM	3	1	20.93	20.94	21.10			
1.4	64QAM	3	3	20.96	20.91	21.11			
1.4	64QAM	6	0	19.80	19.82	19.97			

Band 7_Ant 31										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20850	21100	21350	24	0		
Frequency (MHz)				2510	2535	2560				
20	QPSK	1	0	22.68	22.69	22.63				
20	QPSK	1	49	22.75	22.82	22.67				
20	QPSK	1	99	22.74	22.79	22.66	23	1		
20	QPSK	50	0	21.70	21.76	21.68				
20	QPSK	50	24	21.74	21.79	21.72				
20	QPSK	50	50	21.82	21.73	21.67				
20	QPSK	100	0	21.66	21.74	21.66	23	1		
20	16QAM	1	0	21.90	21.96	21.67				
20	16QAM	1	49	22.04	21.95	21.92				
20	16QAM	1	99	21.71	21.68	21.66				
20	16QAM	50	0	20.82	20.80	20.60	22	2		
20	16QAM	50	24	20.78	20.73	20.74				
20	16QAM	50	50	20.65	20.75	20.73				
20	16QAM	100	0	20.63	20.67	20.67				
20	84QAM	1	0	20.63	20.65	20.64	22	2		
20	84QAM	1	49	20.78	21.08	20.87				
20	84QAM	1	99	20.88	20.63	20.64				
20	84QAM	50	0	19.81	19.72	19.61				
20	84QAM	50	24	18.79	19.74	19.67	21	3		
20	84QAM	50	50	19.62	19.65	19.73				
20	84QAM	100	0	19.72	19.72	19.69				
Channel				20925	21100	21375	24	0		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	22.59	22.49	22.32				
15	QPSK	1	37	22.62	22.56	22.49				
15	QPSK	1	74	22.54	22.51	22.52	23	1		
15	QPSK	36	0	21.61	21.53	21.42				
15	QPSK	36	20	21.55	21.54	21.46				
15	QPSK	36	39	21.56	21.49	21.46				
15	QPSK	75	0	21.55	21.50	21.41	23	1		
15	16QAM	1	0	21.73	21.66	21.34				
15	16QAM	1	37	21.76	21.70	21.40				
15	16QAM	1	74	21.70	21.65	21.38				
15	16QAM	36	0	20.60	20.52	20.25	22	2		
15	16QAM	36	20	20.56	20.55	20.25				
15	16QAM	36	39	20.56	20.49	20.26				
15	16QAM	75	0	20.58	20.49	20.24				
15	84QAM	1	0	20.71	20.60	20.30	22	2		
15	84QAM	1	37	20.74	20.68	20.42				
15	84QAM	1	74	20.65	20.59	20.40				
15	84QAM	36	0	19.64	19.55	19.25				
15	84QAM	36	20	19.61	19.57	19.32	21	3		
15	84QAM	36	39	19.58	19.51	19.36				
15	84QAM	75	0	19.54	19.49	19.31				
Channel				20800	21100	21400	24	0		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	22.51	22.37	22.23				
10	QPSK	1	25	22.47	22.37	22.34				
10	QPSK	1	49	22.46	22.38	22.38	23	1		
10	QPSK	25	0	21.50	21.36	21.24				
10	QPSK	25	12	21.47	21.38	21.33				
10	QPSK	25	25	21.42	21.39	21.34				
10	QPSK	50	0	21.67	21.62	21.39	23	1		
10	16QAM	1	0	21.61	21.52	21.30				
10	16QAM	1	25	21.65	21.52	21.49				
10	16QAM	1	49	21.62	21.47	21.46				
10	16QAM	25	0	20.52	20.42	20.29	22	2		
10	16QAM	25	12	20.47	20.41	20.33				
10	16QAM	25	25	20.46	20.43	20.35				
10	16QAM	50	0	20.46	20.41	20.34				
10	84QAM	1	0	20.59	20.47	20.37	22	2		
10	84QAM	1	25	20.57	20.49	20.46				
10	84QAM	1	49	20.54	20.46	20.46				
10	84QAM	25	0	19.53	19.43	19.31				
10	84QAM	25	12	19.50	19.42	19.35	21	3		
10	84QAM	25	25	19.45	19.43	19.39				
10	84QAM	50	0	19.46	19.42	19.36				
Channel				20775	21100	21425	24	0		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	22.52	22.46	22.42				
5	QPSK	1	12	22.44	22.50	22.46				
5	QPSK	1	24	22.54	22.52	22.50	23	1		
5	QPSK	12	0	21.54	21.46	21.45				
5	QPSK	12	7	21.51	21.44	21.44				
5	QPSK	12	13	21.47	21.44	21.40				
5	QPSK	25	0	21.48	21.44	21.42	23	1		
5	16QAM	1	0	21.68	21.60	21.54				
5	16QAM	1	12	21.59	21.59	21.56				
5	16QAM	1	24	21.69	21.60	21.56				
5	16QAM	12	0	20.57	20.49	20.44	22	2		
5	16QAM	12	7	20.54	20.42	20.42				
5	16QAM	12	13	20.50	20.44	20.41				
5	16QAM	25	0	20.59	20.47	20.44				
5	84QAM	1	0	20.69	20.55	20.52	22	2		
5	84QAM	1	12	20.71	20.60	20.55				
5	84QAM	1	24	20.66	20.57	20.57				
5	84QAM	12	0	19.63	19.51	19.46				
5	84QAM	12	7	19.62	19.46	19.47	21	3		
5	84QAM	12	13	19.57	19.45	19.43				
5	84QAM	25	0	19.57	19.45	19.43				

Band 12_Ant 41												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)				
Channel				23060	23095	23130	24	0				
Frequency (MHz)				704	707.5	711						
10	QPSK	1	0	23.11	23.02	23.04						
10	QPSK	1	25	23.15	23.11	23.10						
10	QPSK	1	49	23.14	23.10	23.08	23	1				
10	QPSK	25	0	21.94	21.83	22.02						
10	QPSK	25	12	22.14	22.10	22.07						
10	QPSK	25	25	22.13	22.01	21.97						
10	QPSK	50	0	22.10	22.07	22.05	23	1				
10	16QAM	1	0	22.42	22.21	22.29						
10	16QAM	1	25	22.48	22.52	22.21						
10	16QAM	1	49	22.34	22.52	22.66						
10	16QAM	25	0	21.00	21.03	20.99	22	2				
10	16QAM	25	12	21.04	21.17	21.07						
10	16QAM	25	25	21.20	21.00	20.95						
10	16QAM	50	0	21.04	20.91	21.01						
10	84QAM	1	0	21.28	21.23	21.22	22	2				
10	84QAM	1	25	21.33	20.93	20.95						
10	84QAM	1	49	21.29	21.34	21.34						
10	84QAM	25	0	19.97	19.86	20.11	21	3				
10	84QAM	25	12	20.02	19.99	20.02						
10	84QAM	25	25	20.10	20.00	19.97						
10	84QAM	50	0	19.99	19.97	20.08						
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				703.5	707.5	713.5	24	0				
5	QPSK	1	0	23.11	23.05	22.95						
5	QPSK	1	12	23.13	22.97	22.99						
5	QPSK	1	24	23.12	22.99	23.09						
5	QPSK	12	0	22.02	22.05	22.18	23	1				
5	QPSK	12	13	22.12	22.05	22.04						
5	QPSK	25	0	22.11	22.07	22.11						
5	16QAM	1	0	22.30	22.26	22.30						
5	16QAM	1	12	22.36	22.33	22.38	23	1				
5	16QAM	1	24	22.32	22.36	22.50						
5	16QAM	12	0	20.99	21.00	21.15						
5	16QAM	12	7	21.10	21.06	21.11						
5	16QAM	12	13	21.08	21.04	20.97	22	2				
5	16QAM	25	0	21.11	21.06	21.09						
5	84QAM	1	0	21.22	21.17	21.25						
5	84QAM	1	12	21.27	21.22	21.31						
5	84QAM	1	24	21.24	21.26	21.33	21	3				
5	84QAM	12	0	19.99	20.02	20.16						
5	84QAM	12	7	20.11	20.07	20.12						
5	84QAM	12	13	20.12	20.08	20.05						
Channel				23035	23095	23155	Tune-up limit (dBm)	MPR (dB)				
Frequency (MHz)				700.5	707.5	714.5	24	0				
3	QPSK	1	0	23.09	23.05	22.90						
3	QPSK	1	8	23.11	22.90	22.95						
3	QPSK	1	14	23.10	22.90	23.03						
3	QPSK	8	0	22.04	22.03	22.11	23	1				
3	QPSK	8	8	22.10	22.05	22.08						
3	QPSK	8	7	22.09	22.06	22.12						
3	QPSK	15	0	22.06	22.02	22.11						
3	16QAM	1	0	22.28	22.24	22.31	23	1				
3	16QAM	1	8	22.34	22.29	22.29						
3	16QAM	1	14	22.32	22.31	22.43						
3	16QAM	8	0	21.19	21.08	21.20						
3	16QAM	8	4	21.16	21.15	21.19	22	2				
3	16QAM	8	7	21.13	21.10	21.19						
3	16QAM	15	0	21.12	21.07	21.11						
3	16QAM	1	0	21.20	21.16	21.21						
3	64QAM	1	8	21.25	21.22	21.28	22	2				
3	64QAM	1	14	21.21	21.21	21.30						
3	64QAM	8	0	20.07	20.05	20.13						
3	64QAM	8	4	20.12	20.09	20.10						
3	64QAM	8	7	20.12	20.05	20.12	21	3				
3	64QAM	15	0	20.05	20.03	20.06						
Channel				23017	23095	23173			Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				699.5	707.5	715.5			24	0		
1.4	QPSK	1	0	23.01	22.80	22.86						
1.4	QPSK	1	3	23.01	22.82	22.88						
1.4	QPSK	1	5	23.01	22.82	22.80						
1.4	QPSK	3	0	23.02	22.79	22.87	23	1				
1.4	QPSK	3	1	23.00	22.80	22.93						
1.4	QPSK	3	3	22.83	22.80	22.85						
1.4	QPSK	6	0	22.15	22.07	22.16						
1.4	16QAM	1	0	22.31	22.33	22.36	23	1				
1.4	16QAM	1	3	22.35	22.34	22.38						
1.4	16QAM	1	5	22.33	22.33	22.45						
1.4	16QAM	3	0	22.13	22.10	22.16						
1.4	16QAM	3	1	22.11	22.10	22.17	22	2				
1.4	16QAM	3	3	22.13	22.07	22.16						
1.4	16QAM	6	0	21.13	21.15	21.24						
1.4	64QAM	1	0	21.19	21.25	21.29						
1.4	64QAM	1	3	21.23	21.27	21.29	22	2				
1.4	64QAM	1	5	21.23	21.18	21.29						
1.4	64QAM	3	0	21.17	21.19	21.28						
1.4	64QAM	3	1	21.18	21.16	21.27						
1.4	64QAM	3	3	21.17	21.15	21.28	21	3				
1.4	64QAM	6	0	20.05	19.99	20.12						

Band 18_Ant 41									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Turn-up limit (dBm)	MPR (dB)	
Channel				23925			Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				822.5					
15	QPSK	1	0	23.10			24.5	0	
15	QPSK	1	37	23.23					
15	QPSK	1	74	23.23					
15	QPSK	36	0	22.01			23.5	1	
15	QPSK	36	20	22.19					
15	QPSK	36	39	22.18					
15	QPSK	75	0	22.12			23.5	1	
15	16QAM	1	0	22.25					
15	16QAM	1	37	22.33					
15	16QAM	1	74	22.36			22.5	2	
15	16QAM	36	0	21.03					
15	16QAM	36	20	21.12					
15	16QAM	36	39	21.19			22.5	2	
15	16QAM	75	0	21.09					
15	64QAM	1	0	21.15					
15	64QAM	1	37	21.21			22.5	2	
15	64QAM	1	74	21.27					
15	64QAM	36	0	20.16					
15	64QAM	36	20	20.27			21.5	3	
15	64QAM	36	39	20.37					
15	64QAM	75	0	20.26					
Channel				23900	23925	23950	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				820	822.5	825			
10	QPSK	1	0	23.01	23.03	22.93	24.5	0	
10	QPSK	1	25	23.21	23.12	23.23			
10	QPSK	1	49	23.18	23.19	23.15			
10	QPSK	25	0	21.89	21.83	21.88	23.5	1	
10	QPSK	25	12	22.06	22.03	22.14			
10	QPSK	25	25	22.08	22.10	22.17			
10	QPSK	50	0	22.01	22.02	22.10	23.5	1	
10	16QAM	1	0	22.23	22.06	22.22			
10	16QAM	1	25	22.17	22.32	22.17			
10	16QAM	1	49	22.24	22.27	22.20	22.5	2	
10	16QAM	25	0	21.02	20.92	21.01			
10	16QAM	25	12	21.03	21.10	21.08			
10	16QAM	25	25	21.14	21.13	20.99	22.5	2	
10	16QAM	50	0	21.04	21.03	20.98			
10	64QAM	1	0	21.03	21.10	20.96			
10	64QAM	1	25	21.13	21.18	21.03	22.5	2	
10	64QAM	1	49	21.11	21.07	21.17			
10	64QAM	25	0	20.03	20.00	20.06			
10	64QAM	25	12	20.14	20.10	20.11	21.5	3	
10	64QAM	25	25	20.24	20.23	20.19			
10	64QAM	50	0	20.17	20.06	20.19			
Channel				23875	23925	23975	Turn-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817.5	822.5	827.5			
5	QPSK	1	0	22.94	23.09	22.94	24.5	0	
5	QPSK	1	12	23.10	23.15	23.17			
5	QPSK	1	24	23.08	23.15	23.14			
5	QPSK	12	0	21.89	21.92	21.95	23.5	1	
5	QPSK	12	7	22.14	22.11	22.00			
5	QPSK	12	13	21.96	22.06	22.08			
5	QPSK	25	0	22.11	21.95	21.98	23.5	1	
5	16QAM	1	0	22.23	22.14	22.05			
5	16QAM	1	12	22.24	22.27	22.32			
5	16QAM	1	24	22.22	22.19	22.22	22.5	2	
5	16QAM	12	0	20.86	20.84	21.02			
5	16QAM	12	7	21.02	21.00	20.99			
5	16QAM	12	13	21.01	21.09	21.16	22.5	2	
5	16QAM	25	0	20.93	21.01	20.91			
5	64QAM	1	0	21.10	21.11	21.02			
5	64QAM	1	12	21.17	21.17	21.03	22.5	2	
5	64QAM	1	24	21.14	21.25	21.07			
5	64QAM	12	0	20.14	20.07	20.09			
5	64QAM	12	7	20.18	20.08	20.14	21.5	3	
5	64QAM	12	13	20.26	20.16	20.36			
5	64QAM	25	0	20.16	20.06	20.16			

Band 19_Ant 41									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				24075			Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				837.5					
15	QPSK	1	0	23.27			24.5	0	
15	QPSK	1	37	23.32					
15	QPSK	1	74	23.27					
15	QPSK	36	0	22.23			23.5	1	
15	QPSK	36	20	22.28					
15	QPSK	36	39	22.27					
15	QPSK	75	0	22.25			23.5	1	
15	16QAM	1	0	22.46					
15	16QAM	1	37	22.51					
15	16QAM	1	74	22.47			22.5	2	
15	16QAM	36	0	21.24					
15	16QAM	36	20	21.22					
15	16QAM	36	39	21.29			22.5	2	
15	16QAM	75	0	21.26					
15	64QAM	1	0	21.31					
15	64QAM	1	37	21.38			22.5	2	
15	64QAM	1	74	21.33					
15	64QAM	36	0	20.37					
15	64QAM	36	20	20.40			21.5	3	
15	64QAM	36	39	20.47					
15	64QAM	75	0	20.40					
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				835	837.5	840			
10	QPSK	1	0	23.12	23.25	23.19	24.5	0	
10	QPSK	1	25	23.15	23.14	23.18			
10	QPSK	1	49	23.20	23.22	23.24			
10	QPSK	25	0	22.22	22.11	22.11	23.5	1	
10	QPSK	25	12	22.14	22.25	22.18			
10	QPSK	25	25	22.15	22.07	22.26			
10	QPSK	50	0	22.20	22.15	22.20	23.5	1	
10	16QAM	1	0	22.36	22.34	22.33			
10	16QAM	1	25	22.43	22.34	22.32			
10	16QAM	1	49	22.45	22.52	22.36	22.5	2	
10	16QAM	25	0	21.15	21.06	21.15			
10	16QAM	25	12	21.21	21.03	21.09			
10	16QAM	25	25	21.18	21.20	21.16	22.5	2	
10	16QAM	50	0	21.23	21.07	21.24			
10	64QAM	1	0	21.19	21.14	21.20			
10	64QAM	1	25	21.25	21.25	21.35	21.5	2	
10	64QAM	1	49	21.24	21.22	21.26			
10	64QAM	25	0	20.17	20.24	20.20			
10	64QAM	25	12	20.22	20.27	20.25	21.5	3	
10	64QAM	25	25	20.30	20.44	20.27			
10	64QAM	50	0	20.26	20.34	20.21			
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				832.5	837.5	842.5			
5	QPSK	1	0	23.10	23.16	23.22	24.5	0	
5	QPSK	1	12	23.14	23.20	23.27			
5	QPSK	1	24	23.11	23.19	23.26			
5	QPSK	12	0	22.20	22.04	22.07	23.5	1	
5	QPSK	12	7	22.12	22.18	22.09			
5	QPSK	12	13	22.12	22.13	22.11			
5	QPSK	25	0	22.22	22.17	22.23	23.5	1	
5	16QAM	1	0	22.40	22.45	22.40			
5	16QAM	1	12	22.40	22.37	22.49			
5	16QAM	1	24	22.43	22.45	22.33	22.5	2	
5	16QAM	12	0	21.04	21.06	21.22			
5	16QAM	12	7	21.13	21.19	21.14			
5	16QAM	12	13	21.28	21.16	21.26	22.5	2	
5	16QAM	25	0	21.01	21.22	21.17			
5	64QAM	1	0	21.26	21.26	21.17			
5	64QAM	1	12	21.36	21.37	21.34	22.5	2	
5	64QAM	1	24	21.38	21.15	21.13			
5	64QAM	12	0	20.22	20.26	20.34			
5	64QAM	12	7	20.39	20.34	20.34	21.5	3	
5	64QAM	12	13	20.42	20.33	20.35			
5	64QAM	25	0	20.27	20.26	20.29			

Band 38_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150	24.5	0	
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	22.96	22.96	22.84			
20	QPSK	1	49	23.06	23.16	23.06	23.5	1	
20	QPSK	1	99	23.18	23.08	23.08			
20	QPSK	50	0	22.18	22.10	21.99			
20	QPSK	50	24	22.25	22.15	22.12	23.5	1	
20	QPSK	50	50	22.22	22.11	22.10			
20	QPSK	100	0	22.21	22.09	22.01			
20	16QAM	1	0	22.09	21.99	21.91	23.5	1	
20	16QAM	1	49	22.34	22.25	22.11			
20	16QAM	1	99	22.25	22.17	22.07			
20	16QAM	50	0	21.13	21.06	21.02	22.5	2	
20	16QAM	50	24	21.18	21.11	21.05			
20	16QAM	50	50	21.27	21.14	21.04			
20	16QAM	100	0	21.17	21.08	21.05	22.5	2	
20	64QAM	1	0	20.66	20.71	20.61			
20	64QAM	1	49	20.99	20.87	20.83		22.5	2
20	64QAM	1	99	20.97	20.76	20.79			
20	64QAM	50	0	20.07	20.03	19.97			
20	64QAM	50	24	20.20	20.06	20.00	21.5	3	
20	64QAM	50	50	20.14	19.99	20.08			
20	64QAM	100	0	20.16	20.04	19.97			
Channel				37825	38000	38175	24.5	0	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	22.93	23.01	23.07			
15	QPSK	1	37	22.96	23.14	23.20	24.5	0	
15	QPSK	1	74	23.11	23.08	23.10			
15	QPSK	36	0	21.96	22.10	22.12			
15	QPSK	36	20	22.00	22.05	22.16	23.5	1	
15	QPSK	36	39	22.02	22.10	22.14			
15	QPSK	75	0	22.04	22.05	22.22			
15	16QAM	1	0	22.12	22.19	22.28	23.5	1	
15	16QAM	1	37	22.21	22.39	22.42			
15	16QAM	1	74	22.31	22.31	22.49			
15	16QAM	36	0	20.94	21.08	21.11	22.5	2	
15	16QAM	36	20	20.97	21.07	21.16			
15	16QAM	36	39	21.01	21.08	21.20			
15	16QAM	75	0	21.03	21.09	21.26	22.5	2	
15	64QAM	1	0	20.98	21.07	21.10			
15	64QAM	1	37	21.12	21.17	21.28		22.5	2
15	64QAM	1	74	21.13	21.12	21.34			
15	64QAM	36	0	19.94	20.08	20.12			
15	64QAM	36	20	19.99	20.09	20.19	21.5	3	
15	64QAM	36	39	20.01	20.04	20.19			
15	64QAM	75	0	20.00	20.01	20.19			
Channel				37800	38000	38200	24.5	0	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	22.86	23.02	23.05			
10	QPSK	1	25	22.87	23.07	23.21	24.5	0	
10	QPSK	1	49	22.98	23.06	23.16			
10	QPSK	25	0	21.99	22.09	22.17			
10	QPSK	25	12	21.98	22.03	22.21	23.5	1	
10	QPSK	25	25	22.00	22.08	22.25			
10	QPSK	50	0	21.99	22.05	22.21			
10	16QAM	1	0	22.18	22.27	22.40	23.5	1	
10	16QAM	1	25	22.16	22.32	22.47			
10	16QAM	1	49	22.22	22.31	22.47			
10	16QAM	25	0	21.02	21.12	21.27	22.5	2	
10	16QAM	25	12	21.02	21.09	21.19			
10	16QAM	25	25	21.04	21.11	21.35			
10	16QAM	50	0	21.01	21.07	21.29	22.5	2	
10	64QAM	1	0	21.00	21.15	21.29			
10	64QAM	1	25	21.02	21.22	21.40			
10	64QAM	1	49	21.11	21.12	21.33	22.5	2	
10	64QAM	25	0	20.04	20.19	20.29			
10	64QAM	25	12	20.05	20.13	20.33			
10	64QAM	25	25	19.98	20.04	20.31	21.5	3	
10	64QAM	50	0	19.97	20.03	20.20			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	22.87	23.00	23.20	24.5	0	
5	QPSK	1	12	22.89	23.07	23.20			
5	QPSK	1	24	22.85	22.99	23.20			
5	QPSK	12	0	21.85	22.08	22.24	23.5	1	
5	QPSK	12	7	21.87	22.06	22.25			
5	QPSK	12	13	21.92	22.05	22.23			
5	QPSK	25	0	21.89	22.03	22.34	23.5	1	
5	16QAM	1	0	22.10	22.24	22.42			
5	16QAM	1	12	22.16	22.33	22.35			
5	16QAM	1	24	22.10	22.30	22.46	22.5	2	
5	16QAM	12	0	20.95	21.16	21.29			
5	16QAM	12	7	20.92	21.06	21.25			
5	16QAM	12	13	20.90	21.01	21.28	22.5	2	
5	16QAM	25	0	20.96	21.14	21.24			
5	64QAM	1	0	21.00	21.14	21.28		22.5	2
5	64QAM	1	12	21.04	21.12	21.40			
5	64QAM	1	24	20.94	21.14	21.42			
5	64QAM	12	0	19.89	20.11	20.25	21.5	3	
5	64QAM	12	7	19.88	20.04	20.33			
5	64QAM	12	13	19.89	20.08	20.23			
5	64QAM	25	0	19.97	20.12	20.32	24.5	0	

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2505	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.90	22.77	22.93	23.00	22.96	24.5
20	QPSK	1	49	22.99	22.96	23.16	23.20	23.25	
20	QPSK	1	99	22.79	22.89	23.08	23.10	23.17	
20	QPSK	50	0	21.94	21.93	22.11	22.18	22.07	23.5
20	QPSK	50	24	21.98	21.95	22.10	22.19	22.23	
20	QPSK	50	50	21.97	21.93	22.09	22.16	22.20	
20	QPSK	100	0	21.95	21.93	22.09	22.17	22.21	23.5
20	16QAM	1	0	21.93	21.76	21.92	22.04	22.04	
20	16QAM	1	49	22.05	22.03	22.17	22.24	22.17	
20	16QAM	1	99	21.84	21.91	22.10	22.06	22.18	22.5
20	16QAM	50	0	21.01	20.96	21.10	21.18	21.12	
20	16QAM	50	24	21.02	21.00	21.13	21.22	21.14	
20	16QAM	50	50	20.99	20.92	21.16	21.17	21.21	22.5
20	16QAM	100	0	20.91	20.91	21.16	21.16	21.16	
20	64QAM	1	0	20.87	20.55	20.66	20.79	20.71	
20	64QAM	1	49	20.81	20.76	20.92	20.97	20.93	22.5
20	64QAM	1	99	20.61	20.60	20.80	20.84	20.88	
20	64QAM	50	0	19.91	19.90	20.06	20.12	20.03	
20	64QAM	50	24	20.00	19.93	20.08	20.13	20.18	21.5
20	64QAM	50	50	19.85	19.89	20.10	20.13	20.12	
20	64QAM	100	0	19.91	19.90	20.10	20.14	20.12	
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.86	22.77	22.98	23.00	23.06	24.5
15	QPSK	1	37	23.04	22.90	23.17	23.10	23.10	
15	QPSK	1	74	22.92	22.90	22.99	23.04	23.11	
15	QPSK	36	0	21.91	21.84	21.99	22.05	22.12	23.5
15	QPSK	36	20	21.92	21.87	22.02	22.08	22.20	
15	QPSK	36	39	21.94	21.87	22.01	22.10	22.23	
15	QPSK	75	0	21.94	21.87	22.02	22.13	22.24	23.5
15	16QAM	1	0	22.10	22.09	22.13	22.20	22.23	
15	16QAM	1	37	22.18	22.09	22.24	22.34	22.32	
15	16QAM	1	74	22.07	22.04	22.22	22.25	22.40	22.5
15	16QAM	36	0	20.87	20.82	20.96	21.06	21.10	
15	16QAM	36	20	20.90	20.85	20.99	21.05	21.18	
15	16QAM	36	39	20.93	20.85	20.99	21.05	21.20	22.5
15	16QAM	75	0	20.95	20.90	21.01	21.12	21.25	
15	64QAM	1	0	20.90	20.69	20.93	21.04	21.07	
15	64QAM	1	37	21.00	20.85	21.09	21.20	21.32	22.5
15	64QAM	1	74	20.91	20.88	21.05	21.12	21.31	
15	64QAM	36	0	19.88	19.83	19.98	20.05	20.09	
15	64QAM	36	20	19.85	19.84	20.03	20.06	20.16	21.5
15	64QAM	36	39	19.93	19.86	20.00	20.07	20.18	
15	64QAM	75	0	19.89	19.86	20.00	20.10	20.18	
Channel				39700	40163	40620	41033	41550	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.79	22.74	22.77	22.88	22.97	24.5
10	QPSK	1	25	22.78	22.74	22.96	22.91	23.06	
10	QPSK	1	49	22.78	22.72	22.87	22.95	23.10	
10	QPSK	25	0	21.79	21.68	21.82	21.90	22.01	23.5
10	QPSK	25	12	21.81	21.70	21.85	21.92	22.03	
10	QPSK	25	25	21.81	21.67	21.83	21.96	22.04	
10	QPSK	50	0	21.78	21.67	21.86	21.93	22.10	23.5
10	16QAM	1	0	21.93	21.81	22.01	22.04	22.15	
10	16QAM	1	25	22.00	21.88	22.09	22.10	22.21	
10	16QAM	1	49	21.91	21.83	22.05	22.07	22.27	22.5
10	16QAM	25	0	20.77	20.70	20.87	20.98	21.03	
10	16QAM	25	12	20.79	20.76	20.87	20.91	21.03	
10	16QAM	25	25	20.83	20.73	20.94	20.94	21.08	21.5
10	16QAM	50	0	20.77	20.69	20.88	20.91	21.09	
10	64QAM	1	0	20.80	20.67	20.82	20.90	21.09	
10	64QAM	1	25	20.74	20.68	20.88	20.94	21.09	22.5
10	64QAM	1	49	20.69	20.67	20.80	20.96	21.15	
10	64QAM	25	0	19.79	19.68	19.90	19.92	20.06	
10	64QAM	25	12	19.83	19.72	19.91	19.96	20.06	21.5
10	64QAM	25	25	19.77	19.70	19.86	19.96	20.08	
10	64QAM	50	0	19.74	19.62	19.82	19.88	20.08	
Channel				39675	40148	40620	41093	41555	
Frequency (MHz)				2498.5	2543.3	2593	2640.3	2687.5	
5	QPSK	1	0	22.78	22.74	22.79	22.85	22.94	24.5
5	QPSK	1	12	22.77	22.68	22.86	22.88	23.13	
5	QPSK	1	24	22.72	22.67	22.89	22.94	23.15	
5	QPSK	12	0	21.85	21.76	21.91	21.93	22.16	23.5
5	QPSK	12	7	21.80	21.73	21.90	21.93	22.15	
5	QPSK	12	13	21.84	21.72	21.87	21.94	22.17	
5	QPSK	25	0	21.85	21.74	21.87	21.95	22.16	23.5
5	16QAM	1	0	22.02	21.88	22.07	22.14	22.27	
5	16QAM	1	12	21.97	21.94	22.11	22.15	22.32	
5	16QAM	1	24	21.99	21.90	22.11	22.18	22.36	22.5
5	16QAM	12	0	20.84	20.70	20.92	21.01	21.07	
5	16QAM	12	7	20.83	20.73	20.95	21.00	21.12	
5	16QAM	12	13	20.80	20.75	20.95	21.01	21.06	21.5
5	16QAM	25	0	20.86	20.79	20.94	21.04	21.10	
5	64QAM	1	0	20.87	20.66	20.90	21.02	21.11	
5	64QAM	1	12	20.83	20.81	21.05	21.04	21.10	22.5
5	64QAM	1	24	20.85	20.77	20.91	21.07	21.15	
5	64QAM	12	0	19.87	19.71	19.89	19.99	20.04	
5	64QAM	12	7	19.88	19.78	19.96	19.97	20.01	21.5
5	64QAM	12	13	19.82	19.72	19.86	19.93	20.08	
5	64QAM	25	0	19.89	19.75	19.92	19.99	20.14	

Reduced Power for DSI 2&3

GSM850_Ant 13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot		29.28	29.22	29.20	30.50	20.28	20.22	20.20	21.50
GPRS 1 Tx slot		29.25	29.20	29.18	30.50	20.25	20.20	20.18	21.50
GPRS 2 Tx slots		26.14	26.05	26.09	27.00	20.14	20.05	20.09	21.00
GPRS 3 Tx slots		24.61	24.50	24.55	25.50	20.35	20.24	20.29	21.24
GPRS 4 Tx slots		23.69	23.56	23.60	24.50	20.69	20.56	20.60	21.50
EDGE 1 Tx slot		26.14	26.02	26.04	27.50	17.14	17.02	17.04	18.50
EDGE 2 Tx slots		23.97	23.74	23.85	25.50	17.97	17.74	17.85	19.50
EDGE 3 Tx slots		21.86	21.65	21.78	23.50	17.60	17.39	17.52	19.24
EDGE 4 Tx slots		19.69	19.60	19.65	21.50	16.69	16.60	16.65	18.50

GSM1900_Ant 13		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	1860	1867.8		1852.2	1860	1867.8	
GSM 1 Tx slot		21.31	21.17	21.45	23.00	12.31	12.17	12.45	14.00
GPRS 1 Tx slot		21.29	21.14	21.43	23.00	12.29	12.14	12.43	14.00
GPRS 2 Tx slots		18.83	18.78	18.97	20.00	12.83	12.76	12.97	14.00
GPRS 3 Tx slots		16.78	16.60	16.90	18.00	12.52	12.34	12.64	13.74
GPRS 4 Tx slots		15.26	15.06	15.32	16.50	12.26	12.06	12.32	13.50
EDGE 1 Tx slot		21.39	21.35	21.55	23.00	12.39	12.35	12.55	14.00
EDGE 2 Tx slots		18.51	18.62	18.81	20.00	12.51	12.62	12.81	14.00
EDGE 3 Tx slots		16.49	16.46	16.58	18.00	12.23	12.20	12.32	13.74
EDGE 4 Tx slots		14.87	14.60	14.92	16.50	11.87	11.60	11.92	13.50

Band		WCDMA II_Ant 13				Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)	WCDMA V_Ant 13			Tune-up Limit (dBm)	
TX Channel		9262	9400	9538			1312	1413	1513			4132	4182		4233
Rx Channel		8662	8800	8938			1537	1638	1738			4357	4407		4468
Frequency (MHz)		1852.4	1880	1907.6			1712.4	1732.6	1752.6			826.4	836.4		846.6
3GPP Rel 99	AMR 12.2kbps	12.66	12.88	12.82	14.00	14.98	15.02	14.97	16.00	19.22	19.31	19.25	20.50		
3GPP Rel 99	RMC 12.2kbps	12.70	12.90	12.85	14.00	15.02	15.05	15.03	16.00	19.31	19.36	19.33	20.50		
3GPP Rel 6	HSDPA Subtest-1	11.93	11.99	11.95	13.00	14.23	14.35	14.19	15.00	18.51	18.58	18.52	19.50		
3GPP Rel 6	HSDPA Subtest-2	11.92	11.97	11.94	13.00	14.25	14.32	14.11	15.00	18.50	18.52	18.49	19.50		
3GPP Rel 6	HSDPA Subtest-3	11.44	11.48	11.75	12.50	13.65	13.72	13.68	14.50	18.11	18.12	18.03	19.00		
3GPP Rel 6	HSDPA Subtest-4	11.38	11.42	11.41	12.50	13.65	13.68	13.61	14.50	17.95	18.05	17.91	19.00		
3GPP Rel 6	HSUPA Subtest-1	10.01	10.08	10.05	11.00	12.28	12.32	12.26	13.00	16.46	16.48	16.32	17.50		
3GPP Rel 6	HSUPA Subtest-2	9.99	10.05	10.02	11.00	12.21	12.25	12.20	13.00	16.38	16.46	16.31	17.50		
3GPP Rel 6	HSUPA Subtest-3	11.08	11.12	11.05	12.00	13.25	13.25	13.23	14.00	17.48	17.42	17.38	18.50		
3GPP Rel 6	HSUPA Subtest-4	9.45	9.48	9.42	10.50	11.65	11.78	11.66	12.50	15.99	16.12	16.05	17.00		
3GPP Rel 6	HSUPA Subtest-5	11.10	11.10	11.00	12.00	13.20	13.30	13.20	14.00	17.40	17.50	17.40	18.50		
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	9.99	10.01	10.02	11.00	12.28	12.31	12.27	13.00	16.58	16.59	16.52	17.50		

Band 2_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18800	19100			
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	13.30	13.23	13.26	14.5	0	
20	QPSK	1	49	13.40	13.30	13.46			
20	QPSK	1	99	13.16	13.13	13.32			
20	QPSK	50	0	13.27	13.26	13.37	14.5	0	
20	QPSK	50	24	13.37	13.28	13.43			
20	QPSK	50	50	13.27	13.15	13.33			
20	QPSK	100	0	13.35	13.22	13.40	14.5	0	
20	16QAM	1	0	13.35	13.41	13.39			
20	16QAM	1	49	13.41	13.37	13.40			
20	16QAM	1	99	13.31	13.29	13.38	14.5	0	
20	16QAM	50	0	13.30	13.22	13.39			
20	16QAM	50	24	13.34	13.22	13.43			
20	16QAM	50	50	13.27	13.15	13.34	14.5	0	
20	16QAM	100	0	13.26	13.14	13.33			
20	16QAM	1	0	13.39	13.27	13.31			
20	64QAM	1	49	13.33	13.32	13.33	14.5	0	
20	64QAM	1	99	13.25	13.18	13.41			
20	64QAM	50	0	13.29	13.24	13.41			
20	64QAM	50	24	13.36	13.26	13.40	14.5	0	
20	64QAM	50	50	13.26	13.15	13.33			
20	64QAM	100	0	13.25	13.15	13.33			
Channel				18675	18800	19025	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1867.5	1880	1902.5			
15	QPSK	1	0	13.18	13.14	13.18	14.5	0	
15	QPSK	1	37	13.30	13.16	13.40			
15	QPSK	1	74	13.11	13.15	13.33			
15	QPSK	36	0	13.27	13.26	13.39	14.5	0	
15	QPSK	36	20	13.31	13.17	13.35			
15	QPSK	36	39	13.20	13.15	13.35			
15	16QAM	1	0	13.16	13.35	13.39	14.5	0	
15	16QAM	1	37	13.36	13.37	13.32			
15	16QAM	1	74	13.35	13.26	13.34			
15	16QAM	36	0	13.31	13.19	13.43	14.5	0	
15	16QAM	36	20	13.36	13.18	13.38			
15	16QAM	36	39	13.25	13.11	13.38			
15	16QAM	75	0	13.30	13.22	13.45	14.5	0	
15	64QAM	1	0	13.40	13.24	13.31			
15	64QAM	1	37	13.35	13.37	13.30			
15	64QAM	1	74	13.32	13.19	13.42	14.5	0	
15	64QAM	36	0	13.26	13.21	13.40			
15	64QAM	36	20	13.33	13.17	13.42			
15	64QAM	36	39	13.35	13.17	13.36	14.5	0	
15	64QAM	75	0	13.29	13.13	13.43			
Channel				18650	18800	19150			
Frequency (MHz)				1865	1880	1905			
10	QPSK	1	0	13.12	13.14	13.35	14.5	0	
10	QPSK	1	25	13.24	13.16	13.37			
10	QPSK	1	49	13.16	13.17	13.30			
10	QPSK	25	0	13.24	13.26	13.43	14.5	0	
10	QPSK	25	12	13.25	13.18	13.42			
10	QPSK	25	25	13.26	13.12	13.33			
10	QPSK	50	0	13.30	13.23	13.43	14.5	0	
10	16QAM	1	0	13.40	13.32	13.30			
10	16QAM	1	25	13.32	13.33	13.34			
10	16QAM	1	49	13.31	13.28	13.39	14.5	0	
10	16QAM	25	0	13.22	13.20	13.43			
10	16QAM	25	12	13.26	13.13	13.36			
10	16QAM	25	25	13.28	13.09	13.40	14.5	0	
10	16QAM	50	0	13.31	13.16	13.45			
10	16QAM	1	0	13.27	13.42	13.35			
10	64QAM	1	25	13.37	13.44	13.35	14.5	0	
10	64QAM	1	49	13.34	13.37	13.36			
10	64QAM	25	0	13.23	13.22	13.40			
10	64QAM	25	12	13.29	13.23	13.39	14.5	0	
10	64QAM	25	25	13.20	13.17	13.35			
10	64QAM	50	0	13.27	13.17	13.36			
Channel				18625	18800	19175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1862.5	1880	1907.5			
5	QPSK	1	0	13.25	13.15	13.41	14.5	0	
5	QPSK	1	12	13.32	13.25	13.39			
5	QPSK	1	24	13.11	13.18	13.35			
5	QPSK	12	0	13.23	13.17	13.37	14.5	0	
5	QPSK	12	7	13.25	13.17	13.42			
5	QPSK	12	13	13.26	13.14	13.35			
5	QPSK	25	0	13.25	13.22	13.39	14.5	0	
5	16QAM	1	0	13.32	13.32	13.35			
5	16QAM	1	12	13.40	13.30	13.38			
5	16QAM	1	24	13.11	13.37	13.36	14.5	0	
5	16QAM	12	0	13.24	13.25	13.38			
5	16QAM	12	7	13.27	13.20	13.43			
5	16QAM	12	13	13.23	13.09	13.41	14.5	0	
5	16QAM	25	0	13.27	13.19	13.42			
5	64QAM	1	0	13.31	13.39	13.36			
5	64QAM	1	12	13.39	13.37	13.41	14.5	0	
5	64QAM	1	24	13.32	13.42	13.36			
5	64QAM	12	0	13.30	13.27	13.38			
5	64QAM	12	7	13.22	13.21	13.34	14.5	0	
5	64QAM	12	13	13.24	13.26	13.35			
5	64QAM	25	0	13.26	13.20	13.43			
Channel				18615	18800	19165	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1861.5	1880	1909.5			
3	QPSK	1	0	13.12	13.16	13.39	14.5	0	
3	QPSK	1	8	13.08	13.19	13.36			
3	QPSK	1	14	13.12	13.17	13.39			
3	QPSK	8	0	13.27	13.23	13.31	14.5	0	
3	QPSK	8	4	13.23	13.13	13.35			
3	QPSK	8	7	13.24	13.11	13.36			
3	QPSK	15	0	13.25	13.13	13.36	14.5	0	
3	16QAM	1	0	13.37	13.31	13.40			
3	16QAM	1	8	13.42	13.37	13.39			
3	16QAM	1	14	13.34	13.36	13.34	14.5	0	
3	16QAM	8	0	13.21	13.27	13.36			
3	16QAM	8	4	13.21	13.26	13.41			
3	16QAM	8	7	13.26	13.20	13.44	14.5	0	
3	16QAM	15	0	13.17	13.08	13.31			
3	64QAM	1	0	13.26	13.39	13.45			
3	64QAM	1	8	13.33	13.37	13.33	14.5	0	
3	64QAM	1	14	13.35	13.43	13.37			
3	64QAM	8	0	13.31	13.20	13.40			
3	64QAM	8	4	13.30	13.20	13.40	14.5	0	
3	64QAM	8	7	13.25	13.21	13.35			
3	64QAM	15	0	13.27	13.21	13.35			
Channel				18607	18800	19093	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1860.7	18800	1909.3			
1.4	QPSK	1	0	13.20	13.14	13.34	14.5	0	
1.4	QPSK	1	3	13.20	13.12	13.35			
1.4	QPSK	1	5	13.12	13.10	13.32			
1.4	QPSK	3	0	13.25	13.16	13.42	14.5	0	
1.4	QPSK	3	1	13.24	13.22	13.34			
1.4	QPSK	3	3	13.26	13.14	13.36			
1.4	QPSK	6	0	13.26	13.16	13.38	14.5	0	
1.4	16QAM	1	0	13.35	13.30	13.38			
1.4	16QAM	1	3	13.36	13.35	13.31			
1.4	16QAM	1	5	13.37	13.16	13.33	14.5	0	
1.4	16QAM	3	0	13.30	13.25	13.33			
1.4	16QAM	3	1	13.33	13.22	13.37			
1.4	16QAM	3	1	13.41	13.33	13.44	14.5	0	
1.4	64QAM	1	0	13.35	13.42	13.35			
1.4	64QAM	1	3	13.34	13.01	13.39			
1.4	64QAM	1	5	13.35	12.99	13.38	14.5	0	
1.4	64QAM	3	0	13.36	13.27	13.36			
1.4	64QAM	3	1	13.37	13.33	13.35			
1.4	64QAM	3	3	13.28	13.24	13.30	14.5	0	
1.4	64QAM	6	0	13.42	13.11	13.30			

Band 7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20950	21100	21350	16	0	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	14.80	14.81	14.79			
20	QPSK	1	49	14.87	14.90	14.91	16	0	
20	QPSK	1	99	14.83	14.94	14.89			
20	QPSK	50	0	14.83	14.87	14.84			
20	QPSK	50	24	14.85	14.95	14.88	16	0	
20	QPSK	50	50	14.73	14.84	14.83			
20	QPSK	100	0	14.80	14.92	14.84			
20	16QAM	1	0	14.78	14.85	14.79	16	0	
20	16QAM	1	49	14.90	14.81	14.85			
20	16QAM	1	99	14.85	14.92	14.90			
20	16QAM	50	0	14.71	14.74	14.70	16	0	
20	16QAM	50	24	14.71	14.78	14.76			
20	16QAM	50	50	14.82	14.72	14.81			
20	16QAM	100	0	14.84	14.72	14.74	16	0	
20	84QAM	1	0	14.68	14.76	14.68			
20	84QAM	1	49	14.80	14.94	14.83			
20	84QAM	1	99	14.69	14.85	14.80	16	0	
20	84QAM	50	0	14.82	14.86	14.82			
20	84QAM	50	24	14.80	14.87	14.84			
20	84QAM	50	50	14.70	14.85	14.82	16	0	
20	84QAM	100	0	14.75	14.81	14.83			
Channel				20925	21100	21375	16	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	14.81	14.84	14.70			
15	QPSK	1	37	14.84	14.83	14.79	16	0	
15	QPSK	1	74	14.81	14.85	14.79			
15	QPSK	36	0	14.74	14.84	14.78			
15	QPSK	36	20	14.68	14.85	14.76	16	0	
15	QPSK	36	39	14.75	14.78	14.91			
15	QPSK	75	0	14.78	14.82	14.76			
15	16QAM	1	0	14.84	14.96	14.91	16	0	
15	16QAM	1	37	14.98	14.91	14.91			
15	16QAM	1	74	14.92	14.90	14.92			
15	16QAM	36	0	14.70	14.79	14.79	16	0	
15	16QAM	36	20	14.75	14.87	14.84			
15	16QAM	36	39	14.74	14.81	14.90			
15	16QAM	75	0	14.74	14.78	14.81	16	0	
15	84QAM	1	0	14.71	14.79	14.74			
15	84QAM	1	37	14.97	14.96	14.88			
15	84QAM	1	74	14.98	14.96	14.89	16	0	
15	84QAM	36	0	14.73	14.82	14.80			
15	84QAM	36	20	14.78	14.87	14.82			
15	84QAM	36	39	14.76	14.87	14.85	16	0	
15	84QAM	75	0	14.73	14.84	14.78			
Channel				20800	21100	21400			
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	14.89	14.92	14.80	16	0	
10	QPSK	1	25	14.70	14.89	14.81			
10	QPSK	1	49	14.82	14.90	14.80			
10	QPSK	25	0	14.84	14.88	14.77	16	0	
10	QPSK	25	12	14.78	14.94	14.81			
10	QPSK	25	25	14.81	14.95	14.89			
10	QPSK	50	0	14.80	14.91	14.80	16	0	
10	16QAM	1	0	14.87	14.90	14.96			
10	16QAM	1	25	14.77	14.91	14.98			
10	16QAM	1	49	14.85	14.89	14.96	16	0	
10	16QAM	25	0	14.81	14.88	14.86			
10	16QAM	25	12	14.82	14.92	14.85			
10	16QAM	25	25	14.80	14.89	14.90	16	0	
10	16QAM	50	0	14.88	14.89	14.78			
10	84QAM	1	0	14.94	14.78	14.92			
10	84QAM	1	25	14.98	14.66	14.66	16	0	
10	84QAM	1	49	14.94	14.97	14.97			
10	84QAM	25	0	14.84	14.81	14.76			
10	84QAM	25	12	14.84	14.83	14.90	16	0	
10	84QAM	25	25	14.90	14.93	14.87			
10	84QAM	50	0	14.74	14.86	14.85			
Channel				20775	21100	21425	16	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	14.76	14.76	14.88	16	0	
5	QPSK	1	12	14.79	14.88	14.88			
5	QPSK	1	24	14.79	14.89	14.82			
5	QPSK	12	0	14.83	14.88	14.84	16	0	
5	QPSK	12	7	14.80	14.81	14.84			
5	QPSK	12	13	14.76	14.86	14.89			
5	QPSK	25	0	14.83	14.87	14.80	16	0	
5	16QAM	1	0	14.96	14.91	14.92			
5	16QAM	1	12	14.92	14.93	14.96			
5	16QAM	1	24	14.94	14.76	14.97	16	0	
5	16QAM	12	0	14.87	14.87	14.77			
5	16QAM	12	7	14.72	14.89	14.82			
5	16QAM	12	13	14.85	14.85	14.79	16	0	
5	16QAM	25	0	14.87	14.82	14.83			
5	84QAM	1	0	14.82	14.79	14.79			
5	84QAM	1	12	14.76	14.93	14.90	16	0	
5	84QAM	1	24	14.90	14.92	14.87			
5	84QAM	12	0	14.75	14.84	14.88			
5	84QAM	12	7	14.77	14.85	14.84	16	0	
5	84QAM	12	13	14.80	14.88	14.88			
5	84QAM	25	0	14.82	14.89	14.83			

Band 12_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23060	23095	23130	23.5	0	
Frequency (MHz)				704	707.5	711			
10	QPSK	1	0	22.43	22.30	22.28			
10	QPSK	1	25	22.44	22.39	22.43	23	0.5	
10	QPSK	1	49	22.34	22.37	22.41			
10	QPSK	25	0	21.75	21.85	21.83			
10	QPSK	25	12	21.91	21.88	21.87	23	0.5	
10	QPSK	25	25	21.88	21.87	21.85			
10	QPSK	50	0	21.89	21.86	21.84			
10	16QAM	1	0	22.02	22.04	21.98	23	0.5	
10	16QAM	1	25	22.08	22.11	22.15			
10	16QAM	1	49	22.10	22.17	22.19			
10	16QAM	25	0	20.66	20.87	20.88	22	1.5	
10	16QAM	25	12	20.84	20.83	20.88			
10	16QAM	25	25	20.79	20.90	20.85			
10	16QAM	50	0	20.72	20.85	20.87	22	1.5	
10	84QAM	1	0	20.95	20.86	20.88			
10	84QAM	1	25	20.98	20.99	21.08			
10	84QAM	1	49	20.96	21.02	21.09	21	2.5	
10	84QAM	25	0	19.64	19.84	19.85			
10	84QAM	25	12	19.82	19.79	19.87			
10	84QAM	25	25	19.77	19.84	19.85	21	2.5	
10	84QAM	50	0	19.72	19.81	19.84			
Channel				23035	23095	23155	23.5	MPR (dB)	
Frequency (MHz)				701.5	707.5	713.5			
5	QPSK	1	0	22.31	22.30	22.29	23.5	0	
5	QPSK	1	12	22.43	22.43	22.32			
5	QPSK	1	24	22.39	22.38	22.43			
5	QPSK	12	0	21.63	21.85	21.79	23	0.5	
5	QPSK	12	7	21.85	21.80	21.78			
5	QPSK	12	13	21.88	21.79	21.73			
5	QPSK	25	0	21.79	21.78	21.7	23	0.5	
5	16QAM	1	0	22.12	22.11	22.28			
5	16QAM	1	12	22.04	22.24	21.94			
5	16QAM	1	24	21.90	22.33	22.02	22	1.5	
5	16QAM	12	0	20.72	20.84	20.76			
5	16QAM	12	7	20.75	20.84	20.81			
5	16QAM	12	13	20.81	20.82	20.69	22	1.5	
5	16QAM	25	0	20.67	20.89	20.65			
5	84QAM	1	0	21.96	21.90	20.97			
5	84QAM	1	12	21.19	21.05	21.14	22	1.5	
5	84QAM	1	24	20.82	20.90	20.92			
5	84QAM	12	0	19.65	19.88	19.78			
5	84QAM	12	7	19.77	19.84	19.82	21	2.5	
5	84QAM	12	13	19.84	19.72	19.67			
5	84QAM	25	0	19.65	19.76	19.75			
Channel				23035	23095	23155	23.5	MPR (dB)	
Frequency (MHz)				700.5	707.5	714.5			
3	QPSK	1	0	22.35	22.32	22.26	23.5	0	
3	QPSK	1	8	22.32	22.33	22.36			
3	QPSK	1	14	22.27	22.37	22.43			
3	QPSK	8	0	21.76	21.81	21.82	23	0.5	
3	QPSK	8	8	21.90	21.90	21.76			
3	QPSK	8	7	21.86	21.74	21.86			
3	QPSK	15	0	21.78	21.79	21.80	23	0.5	
3	16QAM	1	0	22.11	22.19	21.81			
3	16QAM	1	8	22.25	22.20	21.96			
3	16QAM	1	14	22.19	22.25	22.03	22	1.5	
3	16QAM	8	0	20.67	20.86	20.87			
3	16QAM	8	4	20.81	20.93	20.80			
3	16QAM	8	7	20.81	20.68	20.92	21	1.5	
3	16QAM	15	0	20.79	20.65	20.81			
3	16QAM	1	0	20.97	20.90	21.04			
3	64QAM	1	8	21.19	20.87	21.08	22	1.5	
3	64QAM	1	14	21.15	20.87	21.10			
3	64QAM	8	0	19.82	19.81	19.99			
3	64QAM	8	4	19.93	19.78	20.00	21	2.5	
3	64QAM	8	7	19.90	19.78	19.95			
3	64QAM	15	0	19.91	19.77	19.70			
Channel				23077	23095	23173	23.5	MPR (dB)	
Frequency (MHz)				699.5	707.5	715.3			
1.4	QPSK	1	0	22.26	22.40	22.19	23.5	0	
1.4	QPSK	1	3	22.28	22.33	22.24			
1.4	QPSK	1	5	22.22	22.33	22.41			
1.4	QPSK	3	0	22.32	22.30	22.25	23	0.5	
1.4	QPSK	3	1	22.37	22.26	22.33			
1.4	QPSK	3	3	22.38	22.29	22.42			
1.4	QPSK	6	0	21.87	21.78	21.85	23	0.5	
1.4	16QAM	1	0	22.22	22.29	22.17			
1.4	16QAM	1	3	22.29	21.96	21.75			
1.4	16QAM	1	5	22.25	21.98	22.31	23	0.5	
1.4	16QAM	3	0	21.62	21.72	21.90			
1.4	16QAM	3	1	22.00	21.98	21.91			
1.4	16QAM	3	3	21.98	21.78	21.87	21	1.5	
1.4	16QAM	6	0	21.04	20.81	20.91			
1.4	64QAM	1	0	20.69	20.79	21.11			
1.4	64QAM	1	3	21.14	21.05	20.67	22	1.5	
1.4	64QAM	1	5	21.06	20.86	20.99			
1.4	64QAM	3	0	20.92	20.71	20.94			
1.4	64QAM	3	1	20.93	20.87	20.98	21	2.5	
1.4	64QAM	3	3	20.89	20.58	20.89			
1.4	64QAM	6	0	19.74	19.67	19.77			



Band 18_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23925					
Frequency (MHz)				822.5					
15	QPSK	1	0		20.11		21.5	0	
15	QPSK	1	37		20.15				
15	QPSK	1	74		20.07				
15	QPSK	36	0		19.98		21.5	0	
15	QPSK	36	20		20.13				
15	QPSK	36	39		19.98				
15	QPSK	75	0		20.08		21.5	0	
15	16QAM	1	0		19.92				
15	16QAM	1	37		20.02				
15	16QAM	1	74		20.06		21.5	0	
15	16QAM	36	0		19.98				
15	16QAM	36	20		19.99				
15	16QAM	36	39		20.01		21.5	0	
15	16QAM	75	0		19.73				
15	64QAM	1	0		19.90				
15	64QAM	1	37		19.89		21.5	0	
15	64QAM	1	74		19.99				
15	64QAM	36	0		20.09				
15	64QAM	36	20		20.09		21.5	0	
15	64QAM	36	39		20.13				
15	64QAM	75	0		20.09				
Channel				23900	23925	23950	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				820	822.5	825			
10	QPSK	1	0	19.92	19.75	19.91	21.5	0	
10	QPSK	1	25	19.96	19.99	20.03			
10	QPSK	1	49	20.00	19.78	19.76			
10	QPSK	25	0	20.07	19.91	19.89	21.5	0	
10	QPSK	25	12	19.92	20.05	19.87			
10	QPSK	25	25	19.96	19.74	19.90			
10	QPSK	50	0	19.94	19.85	19.73	21.5	0	
10	16QAM	1	0	19.96	19.82	19.99			
10	16QAM	1	25	19.66	19.81	19.68			
10	16QAM	1	49	19.93	20.04	20.09	21.5	0	
10	16QAM	25	0	19.84	19.94	19.63			
10	16QAM	25	12	20.08	20.08	19.84			
10	16QAM	25	25	19.74	19.74	19.88	21.5	0	
10	16QAM	50	0	19.68	19.74	19.75			
10	64QAM	1	0	19.81	19.76	19.86			
10	64QAM	1	25	19.75	19.68	19.62	21.5	0	
10	64QAM	1	49	19.66	19.86	19.65			
10	64QAM	25	0	20.04	20.01	20.05			
10	64QAM	25	12	20.02	19.90	20.01	21.5	0	
10	64QAM	25	25	20.08	20.06	19.98			
10	64QAM	50	0	20.02	19.96	20.06			
Channel				23875	23925	23975	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				817.5	822.5	827.5			
5	QPSK	1	0	19.62	19.76	19.66	21.5	0	
5	QPSK	1	12	20.10	20.05	20.05			
5	QPSK	1	24	19.96	19.93	19.97			
5	QPSK	12	0	19.97	19.97	20.01	21.5	0	
5	QPSK	12	7	20.12	20.08	19.72			
5	QPSK	12	13	20.09	19.75	19.94			
5	QPSK	25	0	20.06	19.80	20.04	21.5	0	
5	16QAM	1	0	19.97	19.62	19.72			
5	16QAM	1	12	19.62	19.96	19.84			
5	16QAM	1	24	20.03	19.77	19.68	21.5	0	
5	16QAM	12	0	19.80	19.61	19.64			
5	16QAM	12	7	19.78	19.76	19.68			
5	16QAM	12	13	19.61	19.78	19.74	21.5	0	
5	16QAM	25	0	19.74	19.71	19.61			
5	64QAM	1	0	19.73	19.78	19.72			
5	64QAM	1	12	19.64	19.61	19.80	21.5	0	
5	64QAM	1	24	19.92	20.08	19.85			
5	64QAM	12	0	19.89	19.99	19.96			
5	64QAM	12	7	20.04	20.07	19.89	21.5	0	
5	64QAM	12	13	20.06	20.02	20.12			
5	64QAM	25	0	20.08	19.94	20.06			

Band 19_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				24075					
Frequency (MHz)				837.5					
15	QPSK	1	0		20.00		21.5	0	
15	QPSK	1	37		20.15	20.04			
15	QPSK	1	74		20.01				
15	QPSK	36	0		20.01		21.5	0	
15	QPSK	36	20		20.10	20.06			
15	QPSK	36	39		20.03				
15	QPSK	75	0		20.04		21.5	0	
15	16QAM	1	0		20.08				
15	16QAM	1	37		20.04				
15	16QAM	1	74		20.06		21.5	0	
15	16QAM	36	0		20.06				
15	16QAM	36	20		20.12				
15	16QAM	36	39		20.05		21.5	0	
15	16QAM	75	0		20.09				
15	64QAM	1	0		19.85				
15	64QAM	1	37		19.95		21.5	0	
15	64QAM	1	74		19.90				
15	64QAM	36	0		20.01				
15	64QAM	36	20		20.08		21.5	0	
15	64QAM	36	39		20.06				
15	64QAM	75	0		20.06				
Channel				24050	24075	24100	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				835	837.5	840			
10	QPSK	1	0	19.95	19.82	19.90	21.5	0	
10	QPSK	1	25	20.11	20.03	20.04			
10	QPSK	1	49	19.89	20.01	19.89			
10	QPSK	25	0	19.94	19.97	19.87	21.5	0	
10	QPSK	25	12	20.03	20.08	20.02			
10	QPSK	25	25	19.93	19.90	19.95			
10	QPSK	50	0	20.01	20.02	19.87	21.5	0	
10	16QAM	1	0	19.92	20.02	19.94			
10	16QAM	1	25	19.90	20.01	19.86			
10	16QAM	1	49	19.87	19.87	19.96	21.5	0	
10	16QAM	25	0	19.94	19.99	20.00			
10	16QAM	25	12	20.02	20.09	20.11			
10	16QAM	25	25	20.04	20.00	19.98	21.5	0	
10	16QAM	50	0	20.06	20.03	20.07			
10	64QAM	1	0	19.82	19.79	19.66			
10	64QAM	1	25	19.78	19.86	19.79	21.5	0	
10	64QAM	1	49	19.85	19.85	19.76			
10	64QAM	25	0	19.87	19.81	20.00			
10	64QAM	25	12	19.90	19.86	20.01	21.5	0	
10	64QAM	25	25	20.03	20.02	19.99			
10	64QAM	50	0	19.91	19.93	20.01			
Channel				24025	24075	24125	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				832.5	837.5	842.5			
5	QPSK	1	0	19.89	19.93	19.83	21.5	0	
5	QPSK	1	12	19.95	20.11	20.01			
5	QPSK	1	24	19.94	19.97	19.96			
5	QPSK	12	0	19.84	19.96	19.98	21.5	0	
5	QPSK	12	7	20.04	20.08	20.08			
5	QPSK	12	13	19.93	19.83	19.91			
5	QPSK	25	0	20.01	19.86	19.95	21.5	0	
5	16QAM	1	0	19.92	19.94	19.93			
5	16QAM	1	12	19.85	19.93	19.91			
5	16QAM	1	24	20.01	19.97	20.05	21.5	0	
5	16QAM	12	0	20.03	19.86	19.93			
5	16QAM	12	7	20.05	20.05	20.05	21.5	0	
5	16QAM	12	13	19.91	19.99	19.97			
5	16QAM	25	0	20.02	20.08	20.04			
5	64QAM	1	0	19.65	19.73	19.79	21.5	0	
5	64QAM	1	12	19.80	19.90	19.81			
5	64QAM	1	24	19.79	19.85	19.77			
5	64QAM	12	0	20.00	19.90	19.86	21.5	0	
5	64QAM	12	7	20.02	20.02	19.95			
5	64QAM	12	13	19.92	19.90	19.99			
5	64QAM	25	0	19.87	19.92	19.92			

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2580	2595	2610			
20	QPSK	1	0	17.12	17.12	17.12	18	0	
20	QPSK	1	49	17.20	17.28	17.20			
20	QPSK	1	99	17.20	17.19	17.15			
20	QPSK	50	0	17.14	17.17	17.10	18	0	
20	QPSK	50	24	17.27	17.23	17.17			
20	QPSK	50	50	17.24	17.18	17.15			
20	QPSK	100	0	17.25	17.20	17.16	18	0	
20	16QAM	1	0	17.03	17.08	17.05			
20	16QAM	1	49	17.22	17.26	17.19			
20	16QAM	1	99	17.25	17.19	17.27	18	0	
20	16QAM	50	0	17.06	17.14	17.13			
20	16QAM	50	24	17.13	17.13	17.23			
20	16QAM	50	50	17.18	17.12	17.24	18	0	
20	16QAM	100	0	17.06	17.03	17.12			
20	64QAM	1	0	16.87	16.90	16.90			
20	64QAM	1	49	17.06	17.08	17.13	18	0	
20	64QAM	1	99	17.01	16.99	17.11			
20	64QAM	50	0	17.00	17.08	17.13			
20	64QAM	50	24	17.06	17.10	17.20	18	0	
20	64QAM	50	50	17.11	17.10	17.22			
20	64QAM	100	0	17.01	17.10	17.16			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2577.5	2595	2612.5			
15	QPSK	1	0	16.99	17.06	17.04			
15	QPSK	1	37	17.01	17.15	17.24	18	0	
15	QPSK	1	74	17.09	17.08	17.20			
15	QPSK	36	0	17.05	17.13	17.22			
15	QPSK	36	20	17.09	17.14	17.16	18	0	
15	QPSK	36	39	17.09	17.13	17.15			
15	QPSK	75	0	17.12	17.14	17.23			
15	16QAM	1	0	17.13	17.26	17.16	18	0	
15	16QAM	1	37	17.22	17.27	17.26			
15	16QAM	1	74	17.26	17.24	17.26			
15	16QAM	36	0	16.98	17.08	17.19	18	0	
15	16QAM	36	20	16.91	17.10	17.23			
15	16QAM	36	39	17.24	17.14	17.24			
15	16QAM	75	0	17.23	17.15	17.25	18	0	
15	64QAM	1	0	17.01	17.08	17.03			
15	64QAM	1	37	16.83	17.14	17.14			
15	64QAM	1	74	17.16	17.07	17.23	18	0	
15	64QAM	36	0	17.03	17.11	17.22			
15	64QAM	36	20	17.25	17.14	17.26			
15	64QAM	36	39	16.93	17.14	17.22	18	0	
15	64QAM	75	0	16.87	17.11	17.16			
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2575	2595	2615			
10	QPSK	1	0	17.01	17.03	17.09			
10	QPSK	1	25	17.00	17.08	17.27	18	0	
10	QPSK	1	49	17.02	17.03	17.26			
10	QPSK	25	0	17.06	17.15	17.16			
10	QPSK	25	12	17.11	17.13	17.14	18	0	
10	QPSK	25	25	17.10	17.10	17.23			
10	QPSK	50	0	17.13	17.14	17.17			
10	16QAM	1	0	17.22	17.24	17.24	18	0	
10	16QAM	1	25	17.20	17.20	17.27			
10	16QAM	1	49	17.23	17.27	17.24			
10	16QAM	25	0	17.11	17.17	17.23	18	0	
10	16QAM	25	12	17.08	17.16	17.20			
10	16QAM	25	25	17.04	17.19	17.24			
10	16QAM	50	0	17.08	17.18	17.24	18	0	
10	64QAM	1	0	17.06	17.11	17.16			
10	64QAM	1	25	17.03	17.15	17.27			
10	64QAM	1	49	16.93	17.12	17.26	18	0	
10	64QAM	25	0	17.09	17.24	17.24			
10	64QAM	25	12	17.09	17.21	17.22			
10	64QAM	25	25	17.27	17.17	17.26	18	0	
10	64QAM	50	0	17.26	17.17	17.22			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2617.5			
5	QPSK	1	0	17.01	17.03	17.26			
5	QPSK	1	12	16.99	17.06	17.22	18	0	
5	QPSK	1	24	17.02	17.06	17.23			
5	QPSK	12	0	17.10	17.15	17.25			
5	QPSK	12	7	17.09	17.09	17.29	18	0	
5	QPSK	12	13	17.07	17.13	17.26			
5	QPSK	25	0	17.07	17.15	17.23			
5	16QAM	1	0	17.12	17.27	17.20	18	0	
5	16QAM	1	12	17.24	17.21	17.24			
5	16QAM	1	24	17.23	17.21	17.27			
5	16QAM	12	0	17.28	17.20	17.21	18	0	
5	16QAM	12	7	17.17	17.14	17.22			
5	16QAM	12	13	17.12	17.15	17.19			
5	16QAM	25	0	16.93	17.23	17.24	18	0	
5	64QAM	1	0	17.06	17.14	17.23			
5	64QAM	1	12	17.17	17.18	17.25			
5	64QAM	1	24	17.05	17.13	17.18	18	0	
5	64QAM	12	0	16.93	17.29	17.24			
5	64QAM	12	7	17.18	17.22	17.19			
5	64QAM	12	13	17.11	17.18	17.20	18	0	
5	64QAM	25	0	17.21	17.18	17.24			

Band 41_Ant 13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.		
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2505	2549.5	2593	2636.5	2680		
20	QPSK	1	0	16.96	17.06	17.03	17.15	17.11	18	0
20	QPSK	1	49	17.14	17.14	17.28	17.27	17.35		
20	QPSK	1	99	16.99	17.09	17.25	17.24	17.33		
20	QPSK	50	0	16.96	17.03	17.13	17.18	17.22	18	0
20	QPSK	50	24	17.11	17.16	17.26	17.24	17.32		
20	QPSK	50	50	17.01	17.06	17.20	17.02	17.27		
20	QPSK	100	0	17.07	17.07	17.24	17.22	17.30	18	0
20	16QAM	1	0	16.99	17.00	17.11	17.23	17.24		
20	16QAM	1	49	17.14	17.21	17.25	17.30	17.28		
20	16QAM	1	99	17.10	17.11	17.22	17.29	17.20	18	0
20	16QAM	50	0	16.85	17.03	17.00	17.11	17.14		
20	16QAM	50	24	16.91	17.01	16.89	17.12	17.19		
20	16QAM	50	50	16.92	16.98	16.83	17.11	17.19	18	0
20	16QAM	100	0	16.86	16.91	17.20	17.13	17.19		
20	64QAM	1	0	16.92	16.83	16.97	16.99	17.06		
20	64QAM	1	49	16.97	17.01	17.18	17.18	17.25	18	0
20	64QAM	1	99	16.88	16.97	17.10	17.10	17.25		
20	64QAM	50	0	16.84	16.94	16.99	17.10	17.11		
20	64QAM	50	24	16.89	17.01	17.20	17.10	17.22	18	0
20	64QAM	50	50	16.92	16.91	17.13	17.08	17.21		
20	64QAM	100	0	16.96	16.90	17.25	17.12	17.19		
Channel				39725	40173	40620	41058	41515		
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
15	QPSK	1	0	16.79	16.83	16.94	16.89	16.96	18	0
15	QPSK	1	37	16.95	17.10	17.02	17.03	17.15		
15	QPSK	1	74	16.77	16.92	17.04	17.01	17.08		
15	QPSK	36	0	16.81	16.88	16.98	17.00	17.08	18	0
15	QPSK	36	20	16.90	16.91	16.99	17.00	17.12		
15	QPSK	36	36	16.87	16.90	16.98	17.02	17.14		
15	QPSK	75	0	16.87	16.93	17.04	17.03	17.17	18	0
15	16QAM	1	0	16.98	17.02	17.19	17.18	17.29		
15	16QAM	1	37	17.13	17.20	17.21	17.22	17.31		
15	16QAM	1	74	17.06	17.13	17.11	17.24	17.27	18	0
15	16QAM	36	0	16.80	16.88	16.98	16.99	17.06		
15	16QAM	36	20	16.82	16.90	17.29	17.02	17.10		
15	16QAM	36	36	16.87	16.88	17.26	17.00	17.12	18	0
15	16QAM	75	0	16.89	16.88	17.03	17.08	17.19		
15	64QAM	1	0	16.84	16.86	17.02	16.97	17.15		
15	64QAM	1	37	16.85	16.95	17.16	17.11	17.23	18	0
15	64QAM	1	74	16.89	16.93	16.98	17.06	17.20		
15	64QAM	36	0	16.82	16.85	17.05	17.02	17.03		
15	64QAM	36	20	16.84	16.90	16.91	16.99	17.21	18	0
15	64QAM	36	36	16.90	16.91	16.96	17.00	17.13		
15	64QAM	75	0	16.85	16.89	17.02	17.00	17.13		
Channel				39700	40163	40620	41053	41503		
Frequency (MHz)				2501	2547	2593	2639	2685		
10	QPSK	1	0	16.75	16.80	16.97	16.93	17.04	18	0
10	QPSK	1	25	16.80	16.89	17.04	16.96	17.07		
10	QPSK	1	49	16.87	16.91	16.99	16.88	17.15		
10	QPSK	25	0	16.87	16.93	17.01	17.07	17.17	18	0
10	QPSK	25	12	16.89	16.95	17.05	17.03	17.21		
10	QPSK	25	25	16.83	16.93	17.09	16.99	17.21		
10	QPSK	50	0	16.92	16.96	17.06	17.07	17.23	18	0
10	16QAM	1	0	17.09	17.10	17.26	17.31	17.23		
10	16QAM	1	25	17.14	17.19	17.33	17.33	17.24		
10	16QAM	1	49	17.14	17.19	17.17	17.34	17.19	18	0
10	16QAM	25	0	16.90	17.00	17.05	17.11	17.22		
10	16QAM	25	12	16.92	16.99	17.04	17.29	17.24		
10	16QAM	25	25	16.93	16.97	16.91	17.13	17.25	18	0
10	16QAM	50	0	16.91	16.98	17.00	17.14	17.27		
10	16QAM	1	0	16.92	16.94	17.11	17.11	17.27		
10	64QAM	1	25	17.02	17.02	17.08	17.16	17.33	18	0
10	64QAM	1	49	16.95	16.96	17.04	17.15	17.32		
10	64QAM	25	0	16.94	17.04	17.12	17.13	17.31		
10	64QAM	25	12	16.96	17.02	17.08	17.15	17.28	18	0
10	64QAM	25	25	16.96	17.00	17.10	17.18	17.29		
10	64QAM	50	0	16.90	16.93	17.04	17.11	17.27		
Channel				39675 <th>40148</th> <th>40620</th> <th>41050</th> <th>41555</th> <th></th>	40148	40620	41050	41555		
Frequency (MHz)				2498.5	2543.3	2593	2640.3	2687.5		
5	QPSK	1	0	16.79	16.87	16.97	16.94	17.12	18	0
5	QPSK	1	12	16.83	16.91	17.03	16.74	17.18		
5	QPSK	1	24	16.82	16.90	17.01	17.03	17.19		
5	QPSK	12	0	16.89	16.93	17.02	17.18	17.24	18	0
5	QPSK	12	7	16.86	17.02	17.02	17.09	17.27		
5	QPSK	12	13	16.87	16.94	17.02	17.08	17.25		
5	QPSK	25	0	16.95	16.96	17.04	17.15	17.21	18	0
5	16QAM	1	0	17.04	17.12	17.18	17.13	17.25		
5	16QAM	1	12	17.14	17.23	17.31	17.11	17.23		
5	16QAM	1	24	17.13	17.25	17.31	17.17	17.21	18	0
5	16QAM	12	0	16.89	16.95	17.23	17.13	17.30		
5	16QAM	12	7	16.87	16.98	17.10	17.13	17.22		
5	16QAM	12	13	16.87	16.94	17.09	17.13	17.26	18	0
5	16QAM	25	0	16.87	17.02	17.20	17.19	17.28		
5	64QAM	1	0	16.96	17.01	17.08	17.19	17.11		
5	64QAM	1	12	17.01	17.03	17.25	17.15	17.17	18	0
5	64QAM	1	24	16.95	17.02	17.15	17.21	17.23		
5	64QAM	12	0	16.90	16.96	16.95	17.10	17.30		
5	64QAM	12	7	16.94	16.95	17.10	17.09	17.28	18	0
5	64QAM	12	13	16.93	17.00	17.07	17.14	17.28		
5	64QAM	25	0	16.97	16.99	16.86	17.14	17.25		

Reduced Power for DSI 4

GSM1900_Art 13		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	1909.8		1852.2	1880	1899.8	
GSM 1 Tx slot		28.13	28.17	28.47	29.50	19.13	19.17	19.47	20.50
GPRS 1 Tx slot		28.12	28.13	28.41	29.50	19.12	19.13	19.41	20.50
GPRS 2 Tx slots		26.51	26.46	26.57	27.50	20.51	20.46	20.57	21.50
GPRS 3 Tx slots		24.52	24.42	24.76	25.50	20.26	20.16	20.50	21.24
GPRS 4 Tx slots		22.53	22.40	22.73	23.50	19.53	19.40	19.73	20.50
EDGE 1 Tx slot		25.68	25.61	25.66	27.00	16.68	16.61	16.66	18.00
EDGE 2 Tx slots		23.59	23.53	23.61	25.00	17.59	17.53	17.61	19.00
EDGE 3 Tx slots		21.15	21.17	21.53	23.00	16.89	16.91	17.27	18.74
EDGE 4 Tx slots		19.09	19.02	19.31	21.00	16.09	16.02	16.31	18.00

Band		WCDMA II_Art 13			Tune-up Limit (dBm)	WCDMA IV_Art 13			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 AMR 12.2Kbps		21.12	21.27	21.19	22.50	22.16	22.11	22.14	23.50
3GPP Rel 99 RMC 12.2Kbps		21.19	21.32	21.25	22.50	22.22	22.26	22.18	23.50
3GPP Rel 6 HSDPA Subtest-1		20.38	20.44	20.42	21.50	21.33	21.35	21.31	22.50
3GPP Rel 6 HSDPA Subtest-2		20.24	20.38	20.36	21.50	21.28	21.31	21.26	22.50
3GPP Rel 6 HSDPA Subtest-3		19.85	19.98	19.92	21.00	20.91	20.97	20.94	22.00
3GPP Rel 6 HSDPA Subtest-4		19.76	19.92	19.91	21.00	20.71	20.78	20.76	22.00
3GPP Rel 6 HSUPA Subtest-1		18.38	18.42	18.34	19.50	19.38	19.44	19.42	20.50
3GPP Rel 6 HSUPA Subtest-2		18.31	18.41	18.32	19.50	19.31	19.38	19.35	20.50
3GPP Rel 6 HSUPA Subtest-3		19.29	19.38	19.32	20.50	20.26	20.36	20.31	21.50
3GPP Rel 6 HSUPA Subtest-4		17.92	18.01	17.95	19.00	18.75	19.03	18.99	20.00
3GPP Rel 6 HSUPA Subtest-5		19.31	19.42	19.38	20.50	20.28	20.39	20.31	21.50
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		18.38	18.42	18.40	19.50	19.42	19.48	19.46	20.50

Band 2_Ant 13										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100				
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	21.29	21.25	21.25	22.5	0		
20	QPSK	1	49	21.41	21.33	21.42				
20	QPSK	1	99	21.18	21.16	21.28				
20	QPSK	50	0	21.35	21.34	21.40				
20	QPSK	50	24	21.36	21.37	21.41	22.5	0		
20	QPSK	50	50	21.34	21.30	21.40				
20	QPSK	100	0	21.30	21.27	21.36				
20	16QAM	1	0	21.40	21.40	21.40				
20	16QAM	1	49	21.35	21.34	21.40	22.5	0		
20	16QAM	1	99	21.33	21.35	21.35				
20	16QAM	50	0	20.96	20.95	21.09				
20	16QAM	50	24	20.98	20.99	21.05				
20	16QAM	50	50	20.94	20.86	20.97	22	0.5		
20	16QAM	100	0	20.91	20.83	20.98				
20	64QAM	1	0	21.00	20.97	20.99				
20	64QAM	1	49	21.13	21.07	21.13				
20	64QAM	1	99	20.91	20.91	20.98	21	1.5		
20	64QAM	50	0	19.93	19.96	20.06				
20	64QAM	50	24	19.99	19.95	20.00				
20	64QAM	50	50	19.95	19.84	19.98				
20	64QAM	100	0	19.92	19.83	19.98				
Channel				18875	18900	19125	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18875	18900	19025				
15	QPSK	1	0	21.07	21.15	21.05	22.5	0		
15	QPSK	1	37	21.22	21.20	21.11				
15	QPSK	1	74	21.03	21.07	21.02				
15	QPSK	36	0	21.19	21.16	21.16				
15	QPSK	36	20	21.26	21.20	21.16	22.5	0		
15	QPSK	36	39	21.22	21.09	21.12				
15	QPSK	75	0	21.21	21.17	21.16				
15	16QAM	1	0	21.21	21.20	21.30				
15	16QAM	1	37	21.28	21.23	21.21	22.5	0		
15	16QAM	1	74	21.15	21.22	21.34				
15	16QAM	36	0	20.83	20.76	20.95				
15	16QAM	36	20	20.82	20.80	21.00				
15	16QAM	36	39	20.84	20.65	20.95	22	0.5		
15	16QAM	75	0	20.78	20.78	20.99				
15	64QAM	1	0	21.07	21.01	20.86				
15	64QAM	1	37	21.26	21.09	21.01				
15	64QAM	1	74	21.05	20.99	20.84	21	1.5		
15	64QAM	36	0	19.80	19.80	19.91				
15	64QAM	36	20	19.83	19.80	19.96				
15	64QAM	36	39	19.80	19.72	19.89				
15	64QAM	75	0	19.78	19.75	19.87				
Channel				18850	18900	19150	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18855	18880	1905				
10	QPSK	1	0	21.30	21.23	21.15	22.5	0		
10	QPSK	1	25	21.29	21.14	21.13				
10	QPSK	1	49	21.21	21.12	21.12				
10	QPSK	25	0	21.21	21.20	21.23				
10	QPSK	25	12	21.16	21.12	21.16	22.5	0		
10	QPSK	25	25	21.25	21.11	21.14				
10	QPSK	50	0	21.22	21.20	21.22				
10	16QAM	1	0	21.22	21.20	21.21				
10	16QAM	1	25	21.26	21.27	21.21	22.5	0		
10	16QAM	1	49	21.23	21.25	21.32				
10	16QAM	25	0	20.76	20.77	21.02				
10	16QAM	25	12	20.78	20.72	20.91				
10	16QAM	25	25	20.81	20.76	20.88	22	0.5		
10	16QAM	50	0	20.78	20.73	20.96				
10	64QAM	1	0	21.05	20.79	21.13				
10	64QAM	1	25	21.06	20.82	21.16				
10	64QAM	1	49	20.87	20.79	21.05	21	1.5		
10	64QAM	25	0	19.74	19.78	20.06				
10	64QAM	25	12	19.81	19.76	19.97				
10	64QAM	25	25	19.79	19.75	19.90				
10	64QAM	50	0	19.77	19.75	19.90				
Channel				18825	18900	19175	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18825	18880	1907.5				
5	QPSK	1	0	21.27	21.18	21.19	22.5	0		
5	QPSK	1	12	21.26	21.20	21.06				
5	QPSK	1	24	21.19	21.12	21.06				
5	QPSK	12	0	21.24	21.19	21.17				
5	QPSK	12	7	21.21	21.14	21.12	22.5	0		
5	QPSK	12	13	21.19	21.13	21.10				
5	QPSK	25	0	21.19	21.17	21.17				
5	16QAM	1	0	21.09	21.20	21.34				
5	16QAM	1	12	21.23	21.33	21.25	22.5	0		
5	16QAM	1	24	21.10	21.29	21.29				
5	16QAM	12	0	20.87	20.82	20.97				
5	16QAM	12	7	20.80	20.71	20.94				
5	16QAM	12	13	20.74	20.73	20.88	22	0.5		
5	16QAM	25	0	20.83	20.76	20.99				
5	64QAM	1	0	20.87	21.09	21.29				
5	64QAM	1	12	20.90	21.06	21.21				
5	64QAM	1	24	20.82	21.12	21.20	22	0.5		
5	64QAM	12	0	19.81	19.89	19.97				
5	64QAM	12	7	19.74	19.83	19.94				
5	64QAM	12	13	19.77	19.80	19.97				
5	64QAM	25	0	19.79	19.83	19.88				
Channel				18815	18900	19185	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18815	18880	1908.5				
3	QPSK	1	0	21.18	21.14	21.04	22.5	0		
3	QPSK	1	8	21.11	21.10	21.07				
3	QPSK	1	14	21.14	21.16	21.09				
3	QPSK	8	0	21.24	21.18	21.12				
3	QPSK	8	4	21.23	21.16	21.16	22.5	0		
3	QPSK	8	7	21.16	21.09	21.14				
3	QPSK	15	0	21.22	21.17	21.10				
3	16QAM	1	0	21.30	21.08	21.03				
3	16QAM	1	8	21.31	21.06	20.99	22.5	0		
3	16QAM	1	14	21.32	21.06	21.21				
3	16QAM	8	0	20.90	20.92	21.11				
3	16QAM	8	4	20.81	20.88	20.97				
3	16QAM	8	7	20.88	20.85	21.01	22	0.5		
3	16QAM	15	0	20.86	20.78	20.97				
3	64QAM	1	0	20.83	21.05	20.93				
3	64QAM	1	8	20.80	20.83	20.95				
3	64QAM	1	14	21.10	20.80	20.92	21	1.5		
3	64QAM	8	0	19.88	19.87	19.91				
3	64QAM	8	4	19.83	19.79	20.05				
3	64QAM	8	7	19.83	19.75	20.08				
3	64QAM	15	0	19.83	19.75	19.91				
Channel				18807	18900	19193	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				18807	18880	1909.3				
1.4	QPSK	1	0	21.32	21.27	21.19	22.5	0		
1.4	QPSK	1	3	21.11	21.30	21.18				
1.4	QPSK	1	8	21.30	21.28	20.97	22.5	0		
1.4	QPSK	3	0	21.15	21.12	21.08				
1.4	QPSK	3	1	21.14	21.22	21.20	22.5	0		
1.4	QPSK	3	3	21.24	21.16	21.14				
1.4	QPSK	6	0	21.23	21.20	21.15	22.5	0		
1.4	16QAM	1	0	21.34	21.27	21.28				
1.4	16QAM	1	3	21.39	21.30	21.22	22.5	0		
1.4	16QAM	1	6	21.32	21.31	21.27				
1.4	16QAM	3	0	21.26	21.31	21.09	22.5	0		
1.4	16QAM	3	1	21.30	21.27	21.19				
1.4	16QAM	3	3	21.21	21.25	21.26	22	0.5		
1.4	64QAM	1	0	20.77	20.78	20.93				
1.4	64QAM	1	3	20.82	20.77	20.94	22	0.5		
1.4	64QAM	1	5	21.08	21.06	20.94				
1.4	64QAM	3	0	20.86	20.79	20.90	22	0.5		
1.4	64QAM	3	2	20.59	20.95	21.02				
1.4	64QAM	3	3	20.59	20.83	21.03	21	1.5		
1.4	64QAM	6	0	19.70	19.70	19.85				

Reduced Power for DSI 5

GSM1900_Ant 13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		26.86	26.79	27.06	28.00	17.86	17.79	18.06	19.00
GPRS 1 Tx slot		26.81	26.75	27.02	28.00	17.81	17.75	18.02	19.00
GPRS 2 Tx slots		23.78	23.65	23.95	24.50	17.78	17.65	17.95	18.50
GPRS 3 Tx slots		22.14	21.98	22.28	23.00	17.88	17.72	18.02	18.74
GPRS 4 Tx slots		20.98	20.95	21.06	22.00	17.98	17.95	18.06	19.00
EDGE 1 Tx slot		25.68	25.61	25.66	27.00	16.68	16.61	16.66	18.00
EDGE 2 Tx slots		23.59	23.53	23.61	24.50	17.59	17.53	17.61	18.50
EDGE 3 Tx slots		21.15	21.17	21.53	23.00	16.89	16.91	17.27	18.74
EDGE 4 Tx slots		19.09	19.02	19.31	21.00	16.09	16.02	16.31	18.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99 AMR 12.2Kbps		17.72	17.85	17.81	19.00	18.71	18.79	18.76	20.00
3GPP Rel 99 RMC 12.2Kbps		17.75	17.87	17.85	19.00	18.81	18.84	18.83	20.00
3GPP Rel 6 HSDPA Subtest-1		16.88	16.89	16.82	18.00	17.86	17.98	17.91	19.00
3GPP Rel 6 HSDPA Subtest-2		16.82	16.85	16.79	18.00	17.82	17.95	17.86	19.00
3GPP Rel 6 HSDPA Subtest-3		16.21	16.23	16.50	17.50	17.38	17.42	17.41	18.50
3GPP Rel 6 HSDPA Subtest-4		16.19	16.21	16.17	17.50	17.32	17.39	17.36	18.50
3GPP Rel 6 HSUPA Subtest-1		15.82	15.94	15.81	16.00	16.01	16.02	15.99	17.00
3GPP Rel 6 HSUPA Subtest-2		15.78	15.89	15.82	16.00	15.91	15.98	15.91	17.00
3GPP Rel 6 HSUPA Subtest-3		16.79	16.86	16.77	17.00	16.94	16.98	16.91	18.00
3GPP Rel 6 HSUPA Subtest-4		14.25	14.38	14.42	15.50	15.42	15.45	15.43	16.50
3GPP Rel 6 HSUPA Subtest-5		15.96	16.05	16.02	17.00	16.97	17.05	17.03	18.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		14.95	14.98	14.92	16.00	15.92	15.97	15.96	17.00



Band 2_Ant 13												
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)				
Channel												
Frequency (MHz)												
20	QPSK	1	0	18.34	18.25	18.31	19.5	0				
20	QPSK	1	49	18.40	18.38	18.42						
20	QPSK	1	99	18.16	18.11	18.36						
20	QPSK	50	0	18.29	18.24	18.33						
20	QPSK	50	24	18.36	18.35	18.39						
20	QPSK	50	50	18.27	18.13	18.28	19.5	0				
20	QPSK	100	0	18.33	18.30	18.35						
20	16QAM	1	0	18.26	18.15	18.23						
20	16QAM	1	49	18.20	18.32	18.39						
20	16QAM	1	99	18.13	18.06	18.31						
20	16QAM	50	0	18.08	18.19	18.33	19.5	0				
20	16QAM	50	24	18.15	18.16	18.34						
20	16QAM	50	50	18.16	18.06	18.23						
20	16QAM	100	0	18.12	18.04	18.25						
20	64QAM	1	0	18.38	18.39	17.98						
20	64QAM	1	49	18.22	18.01	18.07	19.5	0				
20	64QAM	1	99	18.27	17.93	18.17						
20	64QAM	50	0	18.15	18.25	18.33						
20	64QAM	50	24	18.27	18.23	18.28						
20	64QAM	50	50	18.15	18.10	18.23						
20	64QAM	100	0	18.12	18.09	18.26	19.5	0				
Channel												
Frequency (MHz)												
15	QPSK	1	0	18.00	17.95	18.02	19.5	0				
15	QPSK	1	37	18.19	18.00	18.24						
15	QPSK	1	74	18.00	17.92	18.09						
15	QPSK	36	0	18.11	18.12	18.20						
15	QPSK	36	20	18.12	18.09	18.21						
15	QPSK	36	39	18.13	17.97	18.18	19.5	0				
15	QPSK	75	0	18.15	18.07	18.20						
15	16QAM	1	0	18.16	18.02	18.08						
15	16QAM	1	37	18.15	17.97	18.15						
15	16QAM	1	74	18.22	17.92	18.03						
15	16QAM	36	0	18.12	18.06	18.28	19.5	0				
15	16QAM	36	20	18.20	18.06	18.25						
15	16QAM	36	39	18.15	18.08	18.21						
15	16QAM	75	0	18.12	18.02	18.25						
15	64QAM	1	0	18.24	18.38	18.17						
15	64QAM	1	37	18.16	18.21	18.33	19.5	0				
15	64QAM	1	74	18.36	18.31	18.38						
15	64QAM	36	0	18.11	18.09	18.20						
15	64QAM	36	20	18.19	18.18	18.27						
15	64QAM	36	39	18.18	18.01	18.23						
15	64QAM	75	0	18.13	18.02	18.25	19.5	0				
Channel												
Frequency (MHz)												
10	QPSK	1	0	18.13	18.11	18.28	19.5	0				
10	QPSK	1	25	18.02	18.05	18.31						
10	QPSK	1	49	18.07	17.96	18.15						
10	QPSK	25	0	18.13	18.10	18.35						
10	QPSK	25	12	18.07	18.01	18.25						
10	QPSK	25	25	18.17	18.05	18.22	19.5	0				
10	QPSK	50	0	18.11	18.09	18.29						
10	16QAM	1	0	18.28	18.25	18.34						
10	16QAM	1	25	18.25	18.38	18.39						
10	16QAM	1	49	18.27	18.25	18.38						
10	16QAM	25	0	18.16	18.19	18.39	19.5	0				
10	16QAM	25	12	18.20	18.09	18.30						
10	16QAM	25	25	18.20	18.07	18.29						
10	16QAM	50	0	18.20	18.03	18.33						
10	64QAM	1	0	17.92	17.91	18.01						
10	64QAM	1	25	17.99	18.15	18.10	19.5	0				
10	64QAM	1	49	17.98	18.08	17.93						
10	64QAM	25	0	18.10	18.11	18.35						
10	64QAM	25	12	18.18	18.12	18.29						
10	64QAM	25	25	18.21	18.06	18.26						
10	64QAM	50	0	18.14	18.07	18.28	19.5	0				
Channel												
Frequency (MHz)												
5	QPSK	1	0	18.08	18.11	18.31	19.5	0				
5	QPSK	1	12	18.10	18.13	18.24						
5	QPSK	1	24	18.04	17.91	18.22						
5	QPSK	12	0	18.16	18.10	18.26						
5	QPSK	12	7	18.11	18.02	18.24						
5	QPSK	12	13	18.06	18.07	18.17	19.5	0				
5	QPSK	25	0	18.10	18.05	18.27						
5	16QAM	1	0	18.29	18.31	18.29						
5	16QAM	1	12	18.37	18.22	18.33						
5	16QAM	1	24	18.31	18.33	18.35						
5	16QAM	12	0	18.03	18.09	18.28	19.5	0				
5	16QAM	12	7	18.05	18.07	18.28						
5	16QAM	12	13	18.04	18.03	18.28						
5	16QAM	25	0	18.14	18.05	18.34						
5	64QAM	1	0	18.19	18.30	18.24						
5	64QAM	1	12	18.25	18.21	18.23	19.5	0				
5	64QAM	1	24	18.36	18.10	18.20						
5	64QAM	12	0	18.12	18.16	18.30						
5	64QAM	12	7	18.04	18.05	18.37						
5	64QAM	12	13	18.12	18.06	18.27						
5	64QAM	25	0	18.06	18.08	18.25	19.5	0				
Channel												
Frequency (MHz)												
3	QPSK	1	0	18.08	18.05	18.18	19.5	0				
3	QPSK	1	8	18.10	17.98	18.13						
3	QPSK	1	14	18.12	17.98	18.14						
3	QPSK	8	0	18.11	18.02	18.20						
3	QPSK	8	4	18.09	18.04	18.19						
3	QPSK	8	7	18.06	18.02	18.18	19.5	0				
3	QPSK	15	0	18.08	18.02	18.23						
3	16QAM	1	0	18.27	18.21	18.23						
3	16QAM	1	8	17.98	18.19	18.29						
3	16QAM	1	14	18.21	18.07	18.24						
3	16QAM	8	0	18.26	18.11	18.26	19.5	0				
3	16QAM	8	7	18.10	18.16	18.25						
3	16QAM	8	7	18.15	18.10	18.25						
3	16QAM	15	0	18.13	18.04	18.22						
3	64QAM	1	0	18.20	18.06	18.21						
3	64QAM	1	8	18.07	18.38	18.25	19.5	0				
3	64QAM	1	14	18.37	18.10	18.20						
3	64QAM	8	0	18.14	18.11	18.28						
3	64QAM	8	4	18.14	18.17	18.29						
3	64QAM	8	7	18.27	18.04	18.25						
3	64QAM	15	0	18.17	18.07	18.18	19.5	0				
Channel												
Frequency (MHz)												
1.4	QPSK	1	0	18.06	18.06	18.17	19.5	0				
1.4	QPSK	1	3	18.02	18.03	18.15						
1.4	QPSK	1	5	18.02	18.07	18.19						
1.4	QPSK	3	0	18.10	18.05	18.19						
1.4	QPSK	3	1	18.15	18.08	18.22						
1.4	QPSK	3	3	18.10	18.08	18.21	19.5	0				
1.4	QPSK	6	0	18.06	18.02	18.21						
1.4	16QAM	1	0	18.03	18.14	18.36						
1.4	16QAM	1	3	18.21	18.27	18.33						
1.4	16QAM	1	5	18.22	18.20	18.38						
1.4	16QAM	3	0	18.04	18.01	18.18	19.5	0				
1.4	16QAM	3	1	18.16	18.11	18.14						
1.4	16QAM	3	3	18.15	18.05	18.25						
1.4	16QAM	6	0	18.26	18.08	18.21						
1.4	64QAM	1	0	18.23	18.39	18.03	19.5	0				
1.4	64QAM	1	3	18.21	18.14	18.08						
1.4	64QAM	1	5	18.36	17.98	18.01						
1.4	64QAM	3	0	18.21	18.16	18.38						
1.4	64QAM	3	1	18.24	18.16	18.29						
1.4	64QAM	3	3	18.36	18.24	18.30	19.5	0				
1.4	64QAM	6	0	18.04	18.01	18.22						
1.4	64QAM	6	0	18.04	18.01	18.22						

Band 38_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2530	2555	2570		
20	QPSK	1	0	20.47	20.48	20.50		
20	QPSK	1	49	20.79	20.68	20.67	21.5	0
20	QPSK	1	99	20.59	20.60	20.64		
20	QPSK	50	0	20.57	20.56	20.69		
20	QPSK	50	24	20.78	20.66	20.71	21.5	0
20	QPSK	50	50	20.71	20.64	20.68		
20	QPSK	100	0	20.59	20.59	20.61		
20	16QAM	1	0	20.65	20.69	20.74		
20	16QAM	1	49	20.68	20.64	20.65	21.5	0
20	16QAM	1	99	20.70	20.64	20.63		
20	16QAM	50	0	20.61	20.67	20.72		
20	16QAM	50	24	20.65	20.71	20.77	21.5	0
20	16QAM	50	50	20.68	20.68	20.69		
20	16QAM	100	0	20.60	20.64	20.75		
20	16QAM	1	0	20.50	20.61	20.59		
20	16QAM	1	49	20.73	20.71	20.72	21.5	0
20	16QAM	1	99	20.63	20.66	20.64		
20	16QAM	50	0	20.06	20.14	20.18		
20	16QAM	50	24	20.13	20.12	20.18	21.5	0
20	16QAM	50	50	20.14	20.14	20.23		
20	16QAM	100	0	20.06	20.14	20.19		
Channel				37750	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2555	2572.5		
15	QPSK	1	0	20.19	20.40	20.37	21.5	0
15	QPSK	1	37	20.49	20.59	20.59		
15	QPSK	1	74	20.52	20.45	20.62		
15	QPSK	36	0	20.50	20.51	20.54		
15	QPSK	36	20	20.44	20.50	20.58	21.5	0
15	QPSK	36	39	20.44	20.46	20.57		
15	QPSK	75	0	20.44	20.46	20.59		
15	16QAM	1	0	20.55	20.64	20.64		
15	16QAM	1	37	20.63	20.73	20.53	21.5	0
15	16QAM	1	74	20.73	20.70	20.52		
15	16QAM	36	0	20.40	20.49	20.54		
15	16QAM	36	20	20.44	20.52	20.57	21.5	0
15	16QAM	36	39	20.38	20.49	20.58		
15	16QAM	75	0	20.48	20.51	20.61		
15	16QAM	1	0	20.42	20.48	20.55		
15	16QAM	1	37	20.62	20.61	20.70	21.5	0
15	16QAM	1	74	20.60	20.56	20.72		
15	16QAM	36	0	19.90	20.00	20.04		
15	16QAM	36	20	19.96	20.00	20.08	21.5	0
15	16QAM	36	39	20.00	19.98	20.11		
15	16QAM	75	0	19.98	19.96	20.11		
Channel				37725	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2555	2575		
10	QPSK	1	0	20.12	20.40	20.51	21.5	0
10	QPSK	1	25	20.49	20.39	20.58		
10	QPSK	1	49	20.41	20.39	20.58		
10	QPSK	25	0	20.59	20.53	20.62		
10	QPSK	25	12	20.50	20.48	20.65	21.5	0
10	QPSK	25	25	20.41	20.51	20.67		
10	QPSK	50	0	20.52	20.50	20.66		
10	16QAM	1	0	20.68	20.56	20.58		
10	16QAM	1	25	20.69	20.52	20.59	21.5	0
10	16QAM	1	49	20.50	20.54	20.63		
10	16QAM	25	0	20.51	20.61	20.55		
10	16QAM	25	12	20.49	20.53	20.69	21.5	0
10	16QAM	25	25	20.52	20.53	20.71		
10	16QAM	50	0	20.51	20.54	20.70		
10	16QAM	1	0	20.46	20.56	20.63		
10	16QAM	1	25	20.50	20.65	20.59	21.5	0
10	16QAM	1	49	20.54	20.56	20.56		
10	16QAM	25	0	20.01	20.14	20.20		
10	16QAM	25	12	20.01	20.05	20.23	21.5	0
10	16QAM	25	25	20.09	20.06	20.17		
10	16QAM	50	0	19.96	19.98	20.18		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2537.5	2555	2577.5		
5	QPSK	1	0	20.44	20.39	20.54	21.5	0
5	QPSK	1	12	20.38	20.42	20.56		
5	QPSK	1	24	20.39	20.48	20.55		
5	QPSK	12	0	20.44	20.50	20.61		
5	QPSK	12	7	20.40	20.45	20.63	21.5	0
5	QPSK	12	13	20.37	20.50	20.70		
5	QPSK	25	0	20.48	20.57	20.61		
5	16QAM	1	0	20.60	20.55	20.57		
5	16QAM	1	12	20.66	20.54	20.51	21.5	0
5	16QAM	1	24	20.66	20.73	20.63		
5	16QAM	12	0	20.46	20.49	20.67		
5	16QAM	12	7	20.48	20.50	20.66	21.5	0
5	16QAM	12	13	20.35	20.46	20.73		
5	16QAM	25	0	20.49	20.59	20.70		
5	16QAM	1	0	20.54	20.58	20.54		
5	16QAM	1	12	20.48	20.60	20.72	21.5	0
5	16QAM	1	24	20.52	20.56	20.50		
5	16QAM	12	0	19.95	20.07	20.16		
5	16QAM	12	7	19.92	19.94	20.13	21.5	0
5	16QAM	12	13	19.96	20.03	20.18		
5	16QAM	25	0	19.97	20.06	20.23		

Band 41_Ant 13												
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Low Middle Ch / Freq	Power Middle Ch / Freq	Power High Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				39750		40620	41055	41490				
Frequency (MHz)				2540	2543.5	2553	2563.5	2580				
20	QPSK	1	0	20.40	20.43	20.55	20.64	20.58	21.5	0		
20	QPSK	1	49	20.61	20.61	20.78	20.73	20.85				
20	QPSK	1	99	20.44	20.57	20.67	20.70	20.84				
20	QPSK	50	0	20.50	20.53	20.68	20.68	20.76				
20	QPSK	50	24	20.58	20.59	20.75	20.70	20.83	21.5	0		
20	QPSK	50	50	20.54	20.44	20.71	20.67	20.82				
20	QPSK	100	0	20.50	20.52	20.70	20.76	20.83				
20	16QAM	1	0	20.52	20.59	20.64	20.83	20.78				
20	16QAM	1	49	20.78	20.82	20.82	20.75	20.70	21.5	0		
20	16QAM	1	99	20.56	20.68	20.79	20.81	20.77				
20	16QAM	50	0	20.57	20.62	20.74	20.77	20.79				
20	16QAM	50	24	20.59	20.67	20.79	20.78	20.75				
20	16QAM	50	50	20.55	20.65	20.80	20.76	20.76	21.5	0		
20	16QAM	100	0	20.51	20.64	20.71	20.76	20.81				
20	16QAM	1	0	20.44	20.49	20.54	20.57	20.72				
20	16QAM	1	49	20.59	20.71	20.76	20.84	20.80				
20	16QAM	1	99	20.45	20.58	20.70	20.72	20.77	21.5	0		
20	16QAM	50	0	20.27	20.08	20.21	20.23	20.24				
20	16QAM	50	24	19.97	20.15	20.24	20.28	20.33				
20	16QAM	50	50	20.02	20.12	20.27	20.23	20.31				
20	16QAM	100	0	19.98	20.07	20.23	20.25	20.31				
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2533.5	2543.3	2553	2563.7	2573.5				
15	QPSK	1	0	20.27	20.37	20.52	20.52	20.51	21.5	0		
15	QPSK	1	37	20.42	20.33	20.69	20.67	20.69				
15	QPSK	1	74	20.33	20.32	20.50	20.57	20.68				
15	QPSK	36	0	20.36	20.45	20.55	20.58	20.59				
15	QPSK	36	20	20.37	20.37	20.54	20.56	20.68	21.5	0		
15	QPSK	36	39	20.37	20.77	20.54	20.60	20.70				
15	QPSK	75	0	20.42	20.41	20.60	20.63	20.71				
15	16QAM	1	0	20.49	20.54	20.72	20.73	20.77				
15	16QAM	1	37	20.63	20.69	20.83	20.83	20.68	21.5	0		
15	16QAM	1	74	20.51	20.62	20.73	20.80	20.68				
15	16QAM	36	0	20.35	20.43	20.54	20.57	20.60				
15	16QAM	36	20	20.35	20.48	20.59	20.55	20.69				
15	16QAM	36	39	20.39	20.47	20.55	20.58	20.71	21.5	0		
15	16QAM	75	0	20.42	20.50	20.59	20.62	20.72				
15	16QAM	1	0	20.33	20.39	20.50	20.54	20.60				
15	16QAM	1	37	20.57	20.57	20.83	20.74	20.76				
15	16QAM	1	74	20.41	20.48	20.57	20.63	20.83	21.5	0		
15	16QAM	36	0	19.87	19.95	20.05	20.08	20.11				
15	16QAM	36	20	19.86	19.98	20.09	20.13	20.18				
15	16QAM	36	39	19.93	19.98	20.09	20.10	20.21				
15	16QAM	75	0	19.88	19.94	20.08	20.11	20.20	21.5	0		
Channel				39700	40160	40620	41080	41540			Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2533	2543	2553	2563.7	2573.5				
10	QPSK	1	0	20.33	20.37	20.52	20.47	20.62			21.5	0
10	QPSK	1	25	20.34	20.64	20.61	20.56	20.63				
10	QPSK	1	49	20.37	20.25	20.57	20.57	20.68				
10	QPSK	25	0	20.41	20.32	20.57	20.62	20.76				
10	QPSK	25	12	20.40	20.39	20.60	20.57	20.69	21.5	0		
10	QPSK	25	25	20.40	20.33	20.58	20.62	20.76				
10	QPSK	50	0	20.42	20.70	20.61	20.68	20.80				
10	16QAM	1	0	20.59	20.63	20.81	20.79	20.69				
10	16QAM	1	25	20.59	20.71	20.68	20.78	20.63	21.5	0		
10	16QAM	1	49	20.64	20.68	20.82	20.65	20.70				
10	16QAM	25	12	20.47	20.50	20.67	20.70	20.78				
10	16QAM	25	25	20.46	20.54	20.71	20.67	20.81				
10	16QAM	25	25	20.54	20.54	20.64	20.68	20.82	21.5	0		
10	16QAM	50	0	20.51	20.53	20.64	20.70	20.82				
10	16QAM	50	12	20.40	20.47	20.61	20.67	20.86				
10	16QAM	1	25	20.52	20.56	20.69	20.70	20.85				
10	16QAM	1	49	20.40	20.53	20.62	20.67	20.61	21.5	0		
10	16QAM	25	0	19.92	20.01	20.20	20.19	20.30				
10	16QAM	25	12	19.91	20.06	20.15	20.20	20.32				
10	16QAM	25	25	19.96	20.03	20.15	20.22	20.33				
10	16QAM	50	0	19.91	19.92	20.11	20.15	20.28				
Channel				39675	40148	40620	41093	41555	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5				
5	QPSK	1	0	20.30	20.31	20.52	20.55	20.61	21.5	0		
5	QPSK	1	12	20.35	20.45	20.45	20.53	20.72				
5	QPSK	1	24	20.34	20.41	20.60	20.56	20.76				
5	QPSK	12	0	20.41	20.41	20.61	20.57	20.83				
5	QPSK	12	7	20.38	20.50	20.57	20.64	20.80	21.5	0		
5	QPSK	12	13	20.40	20.47	20.59	20.62	20.77				
5	QPSK	25	0	20.40	20.55	20.53	20.64	20.79				
5	16QAM	1	0	20.55	20.64	20.79	20.80	20.68				
5	16QAM	1	12	20.65	20.73	20.82	20.82	20.65	21.5	0		
5	16QAM	1	24	20.58	20.69	20.80	20.82	20.84				
5	16QAM	12	0	20.47	20.50	20.64	20.67	20.82				
5	16QAM	12	7	20.44	20.50	20.61	20.64	20.79				
5	16QAM	12	13	20.44	20.53	20.58	20.64	20.80	21.5	0		
5	16QAM	24	0	20.53	20.50	20.60	20.67	20.84				
5	16QAM	1	0	20.47	20.45	20.60	20.68	20.83				
5	16QAM	1	12	20.51	20.54	20.66	20.72	20.84				
5	16QAM	1	24	20.46	20.54	20.70	20.74	20.68				
5	16QAM	12	0	19.98	19.93	20.12	20.12	20.31				
5	16QAM	12	7	19.92	19.98	20.11	20.16	20.30	21.5	0		
5	16QAM	12	13	19.90	19.98	20.11	20.11	20.33				
5	16QAM	25	0	19.95	20.02	20.14	20.13	20.30				

Reduced Power for DSI 4&5

GSM1900_Ant 31		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	1909.8	Tune-up Limit (dBm)	1852.2	1880	1909.8	
GSM 1 Tx slot		28.91	29.00	29.38		19.91	20.00	20.38	
GPRS 1 Tx slot		28.89	28.99	29.36	30.50	19.89	19.99	20.36	21.50
GPRS 2 Tx slots		26.78	26.89	27.11	28.00	20.78	20.89	21.11	22.00
GPRS 3 Tx slots		24.15	24.20	24.57	25.50	19.89	19.94	20.31	21.24
GPRS 4 Tx slots		23.14	23.13	23.62	24.50	20.14	20.13	20.62	21.50
EDGE 1 Tx slot		25.11	25.18	25.60	27.00	16.11	16.18	16.60	18.00
EDGE 2 Tx slots		23.16	23.13	23.63	25.00	17.16	17.13	17.63	19.00
EDGE 3 Tx slots		21.08	21.03	21.52	23.00	16.82	16.77	17.26	18.74
EDGE 4 Tx slots		19.11	19.01	19.24	21.00	16.11	16.01	16.24	18.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		8662	8800	8938	Tune-up Limit (dBm)	1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	19.80	20.02	20.00	21.00	20.60	20.63	20.59	21.50
3GPP Rel 99	RMC 12.2Kbps	19.83	20.05	20.02	21.00	20.62	20.65	20.61	21.50
3GPP Rel 6	HSDPA Subtest-1	18.87	19.10	19.06	20.00	19.71	19.66	19.64	20.50
3GPP Rel 6	HSDPA Subtest-2	18.87	19.07	19.01	20.00	19.65	19.65	19.64	20.50
3GPP Rel 6	HSDPA Subtest-3	18.40	18.67	18.52	19.50	19.21	19.18	19.16	20.00
3GPP Rel 6	HSDPA Subtest-4	18.34	18.57	18.49	19.50	19.18	19.14	19.11	20.00
3GPP Rel 6	HSUPA Subtest-1	16.90	17.20	17.12	18.00	17.76	17.67	17.70	18.50
3GPP Rel 6	HSUPA Subtest-2	16.93	17.15	17.10	18.00	17.69	17.69	17.70	18.50
3GPP Rel 6	HSUPA Subtest-3	17.95	18.21	18.16	19.00	18.74	18.69	18.74	19.50
3GPP Rel 6	HSUPA Subtest-4	16.45	16.66	16.59	17.50	17.26	17.23	17.23	18.00
3GPP Rel 6	HSUPA Subtest-5	17.90	18.10	18.10	19.00	18.70	18.70	18.70	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	16.92	17.13	17.05	18.00	17.84	17.82	17.75	18.50

Band 2_Ant 31										
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18800	19100				
Frequency (MHz)				18600	18900	19000				
20	QPSK	1	0	20.32	20.29	20.35	21.5	0		
20	QPSK	1	49	20.51	20.34	20.52				
20	QPSK	1	99	20.34	20.24	20.45				
20	QPSK	50	0	20.31	20.29	20.42				
20	QPSK	50	24	20.48	20.32	20.50	21.5	0		
20	QPSK	50	50	20.29	20.17	20.40				
20	QPSK	100	0	20.24	20.20	20.41				
20	16QAM	1	0	20.44	20.47	20.42				
20	16QAM	1	49	20.47	20.48	20.48	21.5	0		
20	16QAM	1	99	20.41	20.31	20.46				
20	16QAM	50	0	20.31	20.32	20.40				
20	16QAM	50	24	20.39	20.32	20.40				
20	16QAM	50	50	20.36	20.23	20.36	21.5	0		
20	16QAM	100	0	20.29	20.23	20.44				
20	64QAM	1	0	20.21	20.27	20.49				
20	64QAM	1	49	20.37	20.28	20.49				
20	64QAM	1	99	20.01	20.11	20.43	21.5	0		
20	64QAM	50	0	19.77	19.76	19.86				
20	64QAM	50	24	19.79	19.76	19.87				
20	64QAM	50	50	19.80	19.65	19.86				
20	64QAM	100	0	19.73	19.69	19.90	21	0.5		
Channel				18675	18900	19125				
Frequency (MHz)				18600	18800	19025				
15	QPSK	1	0	19.94	19.94	19.99	21.5	0		
15	QPSK	1	37	20.14	19.97	20.00				
15	QPSK	1	74	19.86	19.79	20.00				
15	QPSK	36	0	20.05	20.04	20.25				
15	QPSK	36	20	20.13	20.01	20.27	21.5	0		
15	QPSK	36	36	19.96	19.99	20.23				
15	QPSK	75	0	20.09	20.03	20.19				
15	16QAM	1	0	20.15	20.14	20.03				
15	16QAM	1	37	20.06	20.20	20.00	21.5	0		
15	16QAM	1	74	20.43	20.09	20.05				
15	16QAM	36	0	20.04	20.05	20.23				
15	16QAM	36	20	20.12	20.09	20.30				
15	16QAM	36	36	20.08	19.99	20.25	21.5	0		
15	16QAM	75	0	20.09	19.94	20.25				
15	64QAM	1	0	20.27	20.37	20.34				
15	64QAM	1	37	20.51	20.32	20.50				
15	64QAM	1	74	20.01	20.12	20.48	21	0.5		
15	64QAM	36	0	19.55	19.61	19.73				
15	64QAM	36	20	19.59	19.51	19.79				
15	64QAM	36	36	19.56	19.50	19.76				
15	64QAM	75	0	19.58	19.52	19.66	21	0.5		
Channel				18650	18900	19150				
Frequency (MHz)				18600	18900	19050				
10	QPSK	1	0	20.11	20.13	20.19	21.5	0		
10	QPSK	1	25	19.90	20.05	20.24				
10	QPSK	1	49	20.00	20.10	20.07				
10	QPSK	25	0	20.03	20.03	20.24				
10	QPSK	25	12	20.05	20.00	20.26	21.5	0		
10	QPSK	25	25	19.96	20.01	20.25				
10	QPSK	50	0	20.07	20.04	20.28				
10	16QAM	1	0	20.26	20.51	20.35				
10	16QAM	1	25	20.27	20.50	20.36	21.5	0		
10	16QAM	1	49	20.32	20.42	20.31				
10	16QAM	25	0	20.07	20.12	20.24				
10	16QAM	25	12	20.12	20.03	20.28				
10	16QAM	25	25	20.15	20.10	20.23	21.5	0		
10	16QAM	50	0	20.06	20.04	20.23				
10	64QAM	1	0	20.05	20.33	20.46				
10	64QAM	1	25	20.30	20.12	20.50				
10	64QAM	1	49	20.24	20.23	20.42	21.5	0		
10	64QAM	25	0	19.56	19.50	19.78				
10	64QAM	25	12	19.49	19.55	19.76				
10	64QAM	25	25	19.50	19.55	19.74				
10	64QAM	50	0	19.56	19.54	19.72	21	0.5		
Channel				18625	18900	19175				
Frequency (MHz)				18600	18900	19075				
5	QPSK	1	0	19.95	20.07	20.17	21.5	0		
5	QPSK	1	12	20.02	20.06	20.15				
5	QPSK	1	24	20.00	20.09	20.14				
5	QPSK	12	0	20.01	20.08	20.24				
5	QPSK	12	7	19.98	20.00	20.22	21.5	0		
5	QPSK	12	13	19.99	19.99	20.14				
5	QPSK	25	0	20.07	20.06	20.24				
5	16QAM	1	0	20.35	20.47	20.45				
5	16QAM	1	12	20.14	20.50	20.46	21.5	0		
5	16QAM	1	24	20.12	20.51	20.43				
5	16QAM	12	0	20.03	20.06	20.17				
5	16QAM	12	7	19.94	19.95	20.16				
5	16QAM	12	13	19.99	19.97	20.12	21.5	0		
5	16QAM	25	0	19.97	20.10	20.25				
5	64QAM	1	0	20.33	19.89	20.32				
5	64QAM	1	12	20.10	19.91	20.32				
5	64QAM	1	24	20.02	20.06	20.29	21.5	0		
5	64QAM	12	0	19.63	19.60	19.76				
5	64QAM	12	7	19.47	19.56	19.72				
5	64QAM	12	13	19.52	19.56	19.70				
5	64QAM	25	0	19.56	19.62	19.71	21	0.5		
Channel				18615	18900	19185				
Frequency (MHz)				18600	18900	19100				
3	QPSK	1	0	20.09	20.05	20.09	21.5	0		
3	QPSK	1	8	19.92	20.06	20.23				
3	QPSK	1	14	19.91	20.02	20.06				
3	QPSK	8	0	19.96	20.02	20.26				
3	QPSK	8	4	19.96	20.00	20.26	21.5	0		
3	QPSK	8	7	19.91	19.84	20.21				
3	QPSK	15	0	19.97	20.03	20.25				
3	16QAM	1	0	20.39	20.42	20.43				
3	16QAM	1	8	20.23	20.47	20.44	21.5	0		
3	16QAM	1	14	20.34	19.98	20.47				
3	16QAM	8	0	20.10	20.01	20.42				
3	16QAM	8	7	20.08	20.04	20.20				
3	16QAM	8	7	19.96	20.03	20.23	21.5	0		
3	16QAM	15	0	20.08	20.06	20.32				
3	64QAM	1	0	19.83	20.02	19.96				
3	64QAM	1	8	19.81	20.04	20.05				
3	64QAM	1	14	19.92	20.05	20.22	21.5	0		
3	64QAM	8	0	19.42	19.74	19.65				
3	64QAM	8	4	19.51	19.52	19.81				
3	64QAM	8	7	19.59	19.42	19.65				
3	64QAM	15	0	19.83	19.52	19.77	21	0.5		
Channel				18607	18900	19193				
Frequency (MHz)				18600	18900	19100				
1.4	QPSK	1	0	20.06	20.00	20.06	21.5	0		
1.4	QPSK	1	3	19.92	19.99	20.08				
1.4	QPSK	1	5	19.87	19.91	20.04				
1.4	QPSK	3	0	19.96	20.01	20.19				
1.4	QPSK	3	1	19.93	20.09	20.23	21.5	0		
1.4	QPSK	3	3	19.84	19.96	20.19				
1.4	QPSK	6	0	20.05	20.02	20.12				
1.4	16QAM	1	0	20.25	19.95	20.20				
1.4	16QAM	1	3	20.33	19.99	20.42	21.5	0		
1.4	16QAM	1	5	20.34	19.99	20.20				
1.4	16QAM	3	0	20.06	20.11	20.28				
1.4	16QAM	3	1	20.09	19.93	20.25				
1.4	16QAM	6	0	20.02	20.05	20.43	21.5	0		
1.4	64QAM	1	0	20.25	20.07	20.42				
1.4	64QAM	1	3	20.23	20.32	20.46				
1.4	64QAM	1	5	20.22	20.28	20.49				
1.4	64QAM	3	0	20.26	20.08	20.33	21.5	0		
1.4	64QAM	3	1	20.34	20.24	20.30				
1.4	64QAM	3	3	20.23	20.15	20.32				
1.4	64QAM	6	0	19.51	19.46	19.83				



Band 38_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2540	2565	2590			
20	QPSK	1	0	21.93	21.88	21.84			
20	QPSK	1	49	22.18	21.99	22.10	23.5		0
20	QPSK	1	99	21.86	21.76	21.75			
20	QPSK	50	0	21.93	21.84	22.03			
20	QPSK	50	24	22.15	21.96	22.07	23.5		0
20	QPSK	50	50	22.04	21.82	22.02			
20	QPSK	100	0	22.12	21.95	22.05			
20	16QAM	1	0	22.00	22.06	22.16			
20	16QAM	1	49	22.11	22.04	22.12	23.5		0
20	16QAM	1	99	22.17	22.06	22.10			
20	16QAM	50	0	20.99	21.08	21.01			
20	16QAM	50	24	21.00	21.08	21.10			
20	16QAM	50	50	21.03	21.03	21.07	22.5		1
20	16QAM	100	0	20.99	21.06	21.15			
20	64QAM	1	0	20.87	21.03	21.14			
20	64QAM	1	49	21.06	21.03	21.13	22.5		1
20	64QAM	1	99	21.06	20.97	20.91			
20	64QAM	50	0	19.86	20.16	20.14			
20	64QAM	50	24	19.95	20.09	20.18	21.5		2
20	64QAM	50	50	19.99	19.95	20.04			
20	64QAM	100	0	19.94	20.02	20.11			
Channel				37825	38000	38175			
Frequency (MHz)				2572.5	2595	2612.5			
15	QPSK	1	0	21.67	21.76	21.78			
15	QPSK	1	37	21.84	21.88	21.98	23.5		0
15	QPSK	1	74	21.81	21.82	22.01			
15	QPSK	36	0	21.70	21.84	21.88			
15	QPSK	36	20	21.76	21.85	21.96	23.5		0
15	QPSK	36	39	21.80	21.84	21.97			
15	QPSK	75	0	21.79	21.83	21.97			
15	16QAM	1	0	21.85	21.97	21.98			
15	16QAM	1	37	21.98	22.10	22.08	23.5		0
15	16QAM	1	74	22.01	22.08	22.03			
15	16QAM	36	0	20.96	20.82	20.87			
15	16QAM	36	20	20.75	20.82	20.91	22.5		1
15	16QAM	36	39	20.77	20.81	20.96			
15	16QAM	75	0	20.78	20.81	20.98			
15	64QAM	1	0	20.75	20.82	20.91			
15	64QAM	1	37	20.84	20.98	21.06	22.5		1
15	64QAM	1	74	20.82	20.80	21.12			
15	64QAM	36	0	19.86	19.78	19.87			
15	64QAM	36	20	19.73	19.81	19.92	21.5		2
15	64QAM	36	39	19.76	19.77	19.96			
15	64QAM	75	0	19.74	19.77	19.95			
Channel				37800	38000	38200			
Frequency (MHz)				2572.5	2595	2612.5			
10	QPSK	1	0	21.63	21.70	21.96			
10	QPSK	1	25	21.62	21.84	21.96	23.5		0
10	QPSK	1	49	21.72	21.80	21.95			
10	QPSK	25	0	21.75	21.92	21.99			
10	QPSK	25	12	21.75	21.84	22.05	23.5		0
10	QPSK	25	25	21.75	21.86	22.03			
10	QPSK	50	0	21.70	21.85	22.09			
10	16QAM	1	0	21.93	22.04	22.12			
10	16QAM	1	25	21.96	22.15	22.06	23.5		0
10	16QAM	1	49	22.03	22.09	22.08			
10	16QAM	25	0	20.80	20.88	21.02			
10	16QAM	25	12	20.82	20.92	21.03	22.5		1
10	16QAM	25	25	20.80	20.90	21.04			
10	16QAM	50	0	20.78	20.92	21.03			
10	64QAM	1	0	20.75	20.91	20.98			
10	64QAM	1	25	20.78	20.95	21.20	22.5		1
10	64QAM	1	49	20.89	20.94	21.11			
10	64QAM	25	0	19.86	19.95	20.07			
10	64QAM	25	12	19.78	19.97	20.10	21.5		2
10	64QAM	25	25	19.82	19.86	20.10			
10	64QAM	50	0	19.77	19.80	19.95			
Channel				37775	38000	38225			
Frequency (MHz)				2572.5	2595	2612.5			
5	QPSK	1	0	21.65	21.75	21.92			
5	QPSK	1	12	21.62	21.78	21.90	23.5		0
5	QPSK	1	24	21.69	21.81	22.01			
5	QPSK	12	0	21.75	21.89	22.06			
5	QPSK	12	7	21.71	21.88	22.05	23.5		0
5	QPSK	12	13	21.73	21.82	22.03			
5	QPSK	25	0	21.73	21.85	22.06			
5	16QAM	1	0	21.93	22.06	22.03			
5	16QAM	1	12	21.97	22.16	22.16	23.5		0
5	16QAM	1	24	21.93	22.10	22.05			
5	16QAM	12	0	20.78	20.85	21.06			
5	16QAM	12	7	20.78	20.82	21.05	22.5		1
5	16QAM	12	13	20.70	20.88	21.05			
5	16QAM	25	0	20.81	20.88	21.11			
5	64QAM	1	0	20.77	20.90	21.09			
5	64QAM	1	12	20.80	21.00	21.06	22.5		1
5	64QAM	1	24	20.80	20.91	21.15			
5	64QAM	12	0	19.78	19.87	20.04			
5	64QAM	12	7	19.76	19.85	20.04	21.5		2
5	64QAM	12	13	19.73	19.89	20.02			
5	64QAM	25	0	19.78	19.90	20.10			

Band 41_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq.	Power Low Middle Ch / Freq.	Power Middle Ch / Freq.	Power High Middle Ch / Freq.	Power High Ch / Freq.	
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2206	2549.5	2593	2638.5	2680	
20	QPSK	1	0	21.91	21.85	21.92	22.08	21.95	23.5
20	QPSK	1	49	22.05	22.06	22.23	22.18	22.25	
20	QPSK	1	99	21.89	21.94	22.07	22.09	22.17	
20	QPSK	50	0	21.99	22.03	22.12	22.15	22.14	23.5
20	QPSK	50	24	22.03	22.04	22.20	22.16	22.28	
20	QPSK	50	50	22.01	22.03	22.16	22.15	22.21	
20	QPSK	100	0	22.01	21.99	22.15	22.12	22.23	23.5
20	16QAM	1	0	22.18	22.05	22.12	22.19	22.20	
20	16QAM	1	49	22.26	22.11	22.21	22.27	22.27	
20	16QAM	1	99	22.13	22.14	22.21	22.23	22.27	22.5
20	16QAM	50	0	21.03	20.96	21.00	21.08	21.04	
20	16QAM	50	24	21.00	20.99	21.07	21.07	21.13	
20	16QAM	50	50	21.06	20.95	21.08	21.05	21.14	22.5
20	16QAM	100	0	21.00	20.89	21.04	21.08	21.07	
20	64QAM	1	0	20.98	20.77	20.89	20.99	20.90	
20	64QAM	1	49	21.00	20.92	21.09	21.12	21.17	22.5
20	64QAM	1	99	20.88	20.97	21.01	21.01	21.13	
20	64QAM	50	0	19.97	19.90	19.98	20.02	19.96	
20	64QAM	50	24	19.97	19.92	20.06	20.03	20.06	21.5
20	64QAM	50	50	19.96	19.87	20.05	19.99	20.06	
20	64QAM	100	0	19.96	19.85	19.97	20.06	20.04	
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2593.5	2643.3	2693	2743.7	2793.5	
15	QPSK	1	0	21.88	21.71	21.81	21.91	22.05	23.5
15	QPSK	1	37	21.89	21.85	21.92	22.12	22.15	
15	QPSK	1	74	21.80	21.73	21.89	21.98	22.17	
15	QPSK	36	0	21.85	21.75	21.88	21.98	22.06	23.5
15	QPSK	36	20	21.88	21.80	21.91	21.99	22.15	
15	QPSK	36	39	21.91	21.78	21.88	22.00	22.18	
15	QPSK	75	0	21.90	21.78	21.92	22.04	22.13	23.5
15	16QAM	1	0	22.04	21.86	22.00	22.13	22.17	
15	16QAM	1	37	22.09	21.91	22.16	22.17	22.23	
15	16QAM	1	74	22.06	21.95	22.10	22.16	22.26	22.5
15	16QAM	36	0	20.74	20.63	20.77	20.85	20.93	
15	16QAM	36	20	20.75	20.67	20.78	20.86	21.04	
15	16QAM	36	39	20.77	20.67	20.79	20.90	21.07	22.5
15	16QAM	75	0	20.79	20.66	20.84	20.94	21.05	
15	64QAM	1	0	20.74	20.61	20.79	20.87	20.96	
15	64QAM	1	37	20.88	20.70	20.82	21.00	21.19	22.5
15	64QAM	1	74	20.73	20.71	20.86	20.92	21.15	
15	64QAM	36	0	19.74	19.65	19.78	19.87	19.98	
15	64QAM	36	20	19.74	19.68	19.80	19.89	20.01	21.5
15	64QAM	36	39	19.78	19.66	19.82	19.88	20.05	
15	64QAM	75	0	19.76	19.62	19.82	19.91	20.03	
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2591	2547	2593	2639	2685	
10	QPSK	1	0	21.84	21.70	21.84	21.91	22.07	23.5
10	QPSK	1	25	21.84	21.74	21.96	22.03	22.19	
10	QPSK	1	49	21.82	21.68	21.88	21.96	22.15	
10	QPSK	25	0	21.93	21.82	21.93	21.99	22.21	23.5
10	QPSK	25	12	21.88	21.86	21.96	22.04	22.23	
10	QPSK	25	25	21.91	21.82	21.99	22.08	22.24	
10	QPSK	50	0	21.94	21.80	21.98	22.08	22.24	23.5
10	16QAM	1	0	22.05	21.87	22.11	22.20	22.22	
10	16QAM	1	25	22.04	21.98	22.25	22.25	22.25	
10	16QAM	1	49	22.08	21.89	22.16	22.25	22.25	22.5
10	16QAM	25	0	20.83	20.72	20.86	20.95	21.12	
10	16QAM	25	12	20.88	20.72	20.91	20.98	21.15	
10	16QAM	25	25	20.85	20.73	20.90	21.06	21.17	22.5
10	16QAM	50	0	20.85	20.66	20.88	21.04	21.17	
10	16QAM	50	12	20.85	20.66	20.85	21.06	21.17	
10	64QAM	1	25	20.89	20.72	20.82	20.97	21.23	22.5
10	64QAM	1	49	20.80	20.69	20.90	21.00	21.26	
10	64QAM	25	0	19.85	19.72	19.89	20.90	20.15	
10	64QAM	25	12	19.87	19.72	19.87	19.97	20.15	21.5
10	64QAM	25	25	19.88	19.73	19.91	19.98	20.15	
10	64QAM	50	0	19.80	19.71	19.85	19.94	20.12	
Channel				39675	40146	40620	41083	41585	
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5	
5	QPSK	1	0	21.86	21.70	21.84	21.98	22.12	23.5
5	QPSK	1	12	21.86	21.73	21.89	21.93	22.18	
5	QPSK	1	24	21.79	21.71	21.90	21.92	22.18	
5	QPSK	12	0	21.95	21.78	21.95	22.04	22.27	23.5
5	QPSK	12	7	21.92	21.80	21.91	22.02	22.24	
5	QPSK	12	13	21.89	21.79	21.92	21.97	22.23	
5	QPSK	25	0	21.92	21.80	21.93	22.03	22.24	23.5
5	16QAM	1	0	22.14	21.94	22.12	22.22	22.23	
5	16QAM	1	12	21.14	21.98	22.09	22.24	22.16	
5	16QAM	1	24	22.02	21.98	22.17	22.24	22.25	22.5
5	16QAM	12	0	20.84	20.68	20.87	20.93	21.15	
5	16QAM	12	1	20.81	20.70	20.83	20.95	21.15	
5	16QAM	12	13	20.81	20.68	20.86	20.92	21.17	22.5
5	16QAM	25	0	20.80	20.67	20.90	20.97	21.19	
5	64QAM	1	0	20.94	20.70	20.90	21.02	21.20	
5	64QAM	1	12	20.87	20.65	20.97	20.96	21.26	22.5
5	64QAM	1	24	20.88	20.69	20.91	20.94	21.27	
5	64QAM	12	0	19.92	19.66	19.97	19.95	20.37	
5	64QAM	12	7	19.94	19.66	19.92	19.94	20.12	21.5
5	64QAM	12	13	19.80	19.67	19.82	19.90	20.15	
5	64QAM	25	0	19.84	19.61	19.86	19.95	20.18	

Reduced Power for DSI 8&9&10

GSM850_Ant 13		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		128	189	251		128	189	251	
Frequency (MHz)		824.2	836.4	848.6	(dBm)	824.2	836.4	848.6	
GSM 1 Tx slot		32.26	32.10	32.19		32.26	33.10	23.19	24.50
GPRS 1 Tx slot		32.24	32.08	32.18	33.50	23.24	23.08	23.18	24.50
GPRS 2 Tx slots		30.06	29.98	30.00	31.00	24.06	23.98	24.00	25.00
GPRS 3 Tx slots		27.95	27.95	28.07	29.00	23.69	23.69	23.81	24.74
GPRS 4 Tx slots		26.63	26.49	26.57	27.50	23.63	23.49	23.57	24.50
EDGE 1 Tx slot		26.14	26.02	26.04	27.50	17.14	17.02	17.04	18.50
EDGE 2 Tx slots		23.97	23.74	23.85	25.50	17.97	17.74	17.85	19.50
EDGE 3 Tx slots		21.86	21.65	21.78	23.50	17.60	17.39	17.52	19.24
EDGE 4 Tx slots		19.69	19.60	19.65	21.50	16.69	16.60	16.65	18.50

GSM1900_Ant 13		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)		1352.2	1380	1393.8	(dBm)	1352.2	1380	1393.8	
GSM 1 Tx slot		26.11	26.03	26.19		17.11	17.03	17.19	18.50
GPRS 1 Tx slot		26.08	25.99	26.17	27.50	17.08	16.99	17.17	18.50
GPRS 2 Tx slots		22.14	22.01	22.30	23.00	16.14	16.01	16.30	17.00
GPRS 3 Tx slots		20.10	19.99	20.28	21.00	15.84	15.73	16.02	16.74
GPRS 4 Tx slots		19.10	18.97	19.28	20.00	16.10	15.97	16.28	17.00
EDGE 1 Tx slot		25.68	25.61	25.66	27.00	16.68	16.61	16.66	18.00
EDGE 2 Tx slots		21.91	21.68	21.95	23.00	15.91	15.68	15.95	17.00
EDGE 3 Tx slots		19.65	19.34	19.76	21.00	15.39	15.08	15.50	16.74
EDGE 4 Tx slots		18.61	18.34	18.68	20.00	15.61	15.34	15.68	17.00

Band		WCDMA II_Ant 13			Tune-up Limit (dBm)	WCDMA IV_Ant 13			Tune-up Limit (dBm)
TX Channel		9262	9409	9638		1312	1410	1513	
Rx Channel		9662	9800	9938	(dBm)	1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6	
3GPP Rel 99	AMR 12.2Kbps	15.61	15.63	15.50	17.00	17.06	17.18	17.18	18.50
3GPP Rel 99	RMC 12.2Kbps	15.68	15.71	15.67	17.00	17.10	17.23	17.18	18.50
3GPP Rel 6	HSDPA Subtest-1	14.95	15.03	14.99	16.00	16.41	16.48	16.42	17.50
3GPP Rel 6	HSDPA Subtest-2	15.02	15.05	14.98	16.00	16.36	16.42	16.38	17.50
3GPP Rel 6	HSDPA Subtest-3	14.33	14.48	14.39	15.50	15.99	16.03	15.94	17.00
3GPP Rel 6	HSDPA Subtest-4	14.21	14.35	14.29	15.50	15.93	16.01	15.97	17.00
3GPP Rel 6	HSUPA Subtest-1	12.98	13.05	12.96	14.00	14.28	14.31	14.29	15.50
3GPP Rel 6	HSUPA Subtest-2	12.94	12.99	12.95	14.00	14.21	14.28	14.22	15.50
3GPP Rel 6	HSUPA Subtest-3	13.95	14.03	13.97	15.00	15.38	15.41	15.38	16.50
3GPP Rel 6	HSUPA Subtest-4	12.38	12.42	12.41	13.50	13.98	14.02	14.01	15.00
3GPP Rel 6	HSUPA Subtest-5	14.03	14.06	13.92	15.00	15.46	15.49	15.43	16.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-1	12.95	12.99	12.93	14.00	14.48	14.52	14.42	15.50



Band 2_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	15.80	15.73	15.68	17	0	
20	QPSK	1	49	15.90	15.80	15.97			
20	QPSK	1	99	15.60	15.56	15.74			
20	QPSK	50	0	15.80	15.75	15.93			
20	QPSK	50	24	15.87	15.78	15.95			
20	QPSK	50	50	15.84	15.69	15.86	17	0	
20	QPSK	100	0	15.70	15.69	15.85			
20	16QAM	1	0	15.92	15.88	15.83			
20	16QAM	1	49	15.86	15.96	15.92			
20	16QAM	1	99	15.84	15.71	15.88			
20	16QAM	50	0	15.81	15.80	15.91	17	0	
20	16QAM	50	24	15.90	15.77	15.90			
20	16QAM	50	50	15.77	15.69	15.81			
20	16QAM	100	0	15.78	15.68	15.86			
20	64QAM	1	0	15.88	15.83	15.91			
20	64QAM	1	49	15.95	15.88	15.90	17	0	
20	64QAM	1	99	15.72	15.87	15.87			
20	64QAM	50	0	15.75	15.78	15.90			
20	64QAM	50	24	15.87	15.72	15.89			
20	64QAM	50	50	15.76	15.67	15.83			
20	64QAM	100	0	15.79	15.73	15.84	17	0	
Channel									
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	15.60	15.42	15.50	17	0	
15	QPSK	1	37	15.74	15.61	15.72			
15	QPSK	1	74	15.63	15.38	15.53			
15	QPSK	36	0	15.57	15.57	15.75			
15	QPSK	36	20	15.70	15.54	15.76			
15	QPSK	36	39	15.64	15.52	15.75	17	0	
15	QPSK	75	0	15.67	15.51	15.79			
15	16QAM	1	0	15.80	15.49	15.66			
15	16QAM	1	37	15.83	15.40	15.72			
15	16QAM	1	74	15.86	15.40	15.79			
15	16QAM	36	0	15.65	15.60	15.77	17	0	
15	16QAM	36	20	15.74	15.58	15.75			
15	16QAM	36	39	15.64	15.54	15.74			
15	16QAM	75	0	15.62	15.58	15.73			
15	64QAM	1	0	15.84	15.63	15.93			
15	64QAM	1	37	15.83	15.67	15.80	17	0	
15	64QAM	1	74	15.79	15.52	15.81			
15	64QAM	36	0	15.62	15.57	15.77			
15	64QAM	36	20	15.65	15.58	15.80			
15	64QAM	36	39	15.62	15.48	15.73			
15	64QAM	75	0	15.61	15.57	15.79	17	0	
Channel									
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	15.60	15.59	15.76	17	0	
10	QPSK	1	25	15.67	15.68	15.66			
10	QPSK	1	49	15.74	15.64	15.70			
10	QPSK	25	0	15.63	15.61	15.85			
10	QPSK	25	12	15.63	15.57	15.80			
10	QPSK	25	25	15.67	15.53	15.80	17	0	
10	QPSK	50	0	15.67	15.60	15.81			
10	16QAM	1	0	15.82	15.81	15.80			
10	16QAM	1	25	15.81	15.80	15.78			
10	16QAM	1	49	15.82	15.81	15.80			
10	16QAM	25	0	15.69	15.65	15.86	17	0	
10	16QAM	25	12	15.67	15.66	15.79			
10	16QAM	25	25	15.69	15.56	15.75			
10	16QAM	50	0	15.65	15.62	15.81			
10	64QAM	1	0	15.87	15.66	15.83			
10	64QAM	1	25	15.93	15.54	15.88	17	0	
10	64QAM	1	49	15.87	15.67	15.87			
10	64QAM	25	0	15.67	15.67	15.86			
10	64QAM	25	12	15.71	15.58	15.79			
10	64QAM	25	25	15.70	15.50	15.72			
10	64QAM	50	0	15.72	15.58	15.78	17	0	
Channel									
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	15.71	15.55	15.78	17	0	
5	QPSK	1	12	15.66	15.61	15.75			
5	QPSK	1	24	15.70	15.47	15.75			
5	QPSK	12	0	15.64	15.59	15.81			
5	QPSK	12	7	15.63	15.53	15.75			
5	QPSK	12	13	15.64	15.56	15.73	17	0	
5	QPSK	25	0	15.68	15.57	15.81			
5	16QAM	1	0	15.80	15.55	15.74			
5	16QAM	1	12	15.87	15.68	15.77			
5	16QAM	1	24	15.78	15.69	15.76			
5	16QAM	12	0	15.72	15.60	15.77	17	0	
5	16QAM	12	7	15.67	15.56	15.79			
5	16QAM	12	13	15.67	15.55	15.71			
5	16QAM	25	0	15.65	15.59	15.82			
5	64QAM	1	0	15.94	15.67	15.77			
5	64QAM	1	12	15.84	15.95	15.82	17	0	
5	64QAM	1	24	15.96	15.91	15.76			
5	64QAM	12	0	15.76	15.60	15.94			
5	64QAM	12	7	15.57	15.44	15.88			
5	64QAM	12	13	15.74	15.50	15.77			
5	64QAM	25	0	15.69	15.51	15.83	17	0	
Channel									
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	15.68	15.50	15.85	17	0	
3	QPSK	1	8	15.53	15.42	15.80			
3	QPSK	1	14	15.66	15.44	15.72			
3	QPSK	8	0	15.66	15.56	15.69			
3	QPSK	8	4	15.63	15.56	15.73			
3	QPSK	8	7	15.56	15.50	15.67	17	0	
3	QPSK	15	0	15.63	15.40	15.69			
3	16QAM	1	0	15.81	15.54	15.89			
3	16QAM	1	8	15.77	15.88	15.91			
3	16QAM	1	14	15.75	15.87	15.91			
3	16QAM	8	0	15.72	15.65	15.67	17	0	
3	16QAM	8	4	15.64	15.50	15.95			
3	16QAM	8	7	15.62	15.57	15.90			
3	16QAM	15	0	15.78	15.57	15.93			
3	64QAM	1	0	15.71	15.69	15.89			
3	64QAM	1	8	15.92	15.85	15.79	17	0	
3	64QAM	1	14	15.96	15.91	15.86			
3	64QAM	8	0	15.76	15.58	15.83			
3	64QAM	8	4	15.65	15.67	15.87			
3	64QAM	8	7	15.71	15.56	15.93			
3	64QAM	15	0	15.63	15.46	15.80	17	0	
Channel									
Frequency (MHz)							Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	15.40	15.56	15.81	17	0	
1.4	QPSK	1	5	15.49	15.46	15.83			
1.4	QPSK	1	5	15.57	15.49	15.75			
1.4	QPSK	3	0	15.67	15.59	15.75			
1.4	QPSK	3	1	15.66	15.61	15.75			
1.4	QPSK	3	3	15.68	15.50	15.74	17	0	
1.4	QPSK	6	0	15.72	15.54	15.79			
1.4	16QAM	1	0	15.63	15.80	15.80			
1.4	16QAM	1	3	15.74	15.81	15.91			
1.4	16QAM	1	5	15.75	15.82	15.71			
1.4	16QAM	3	0	15.51	15.69	15.60	17	0	
1.4	16QAM	3	3	15.73	15.57	15.68			
1.4	16QAM	3	3	15.77	15.63	15.77			
1.4	16QAM	6	0	15.79	15.59	15.92			
1.4	64QAM	1	0	15.93	15.68	15.79			
1.4	64QAM	1	3	15.90	15.57	15.76	17	0	
1.4	64QAM	1	5	15.91	15.81	15.72			
1.4	64QAM	3	0	15.69	15.76	15.84			
1.4	64QAM	3	1	15.69	15.72	15.80			
1.4	64QAM	3	3	15.67	15.64	15.91			
1.4	64QAM	6	0	15.79	15.58	15.84	17	0	

Band 38_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				37850	38000	38150			
Frequency (MHz)				2570.5	2595	2612.5			
20	QPSK	1	0	19.42	19.46	19.38			
20	QPSK	1	49	19.80	19.69	19.75	20.5	0	
20	QPSK	1	99	19.60	19.59	19.67			
20	QPSK	50	0	19.55	19.61	19.65			
20	QPSK	50	24	19.78	19.66	19.73	20.5	0	
20	QPSK	50	39	19.64	19.62	19.70			
20	QPSK	100	0	19.67	19.61	19.57			
20	16QAM	1	0	19.63	19.65	19.67			
20	16QAM	1	49	19.73	19.75	19.71	20.5	0	
20	16QAM	1	99	19.74	19.78	19.78			
20	16QAM	50	0	19.57	19.61	19.66			
20	16QAM	50	24	19.63	19.59	19.70	20.5	0	
20	16QAM	50	50	19.70	19.61	19.76			
20	16QAM	100	0	19.55	19.58	19.66			
20	64QAM	1	0	19.50	19.58	19.52			
20	64QAM	1	49	19.60	19.74	19.73	20.5	0	
20	64QAM	1	99	19.63	19.63	19.67			
20	64QAM	50	0	19.53	19.62	19.66			
20	64QAM	50	24	19.62	19.61	19.66	20.5	0	
20	64QAM	50	50	19.61	19.59	19.73			
20	64QAM	100	0	19.55	19.60	19.66			
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2612.5			
15	QPSK	1	0	19.35	19.39	19.34	20.5	0	
15	QPSK	1	37	19.40	19.45	19.55			
15	QPSK	1	74	19.51	19.43	19.59			
15	QPSK	36	0	19.38	19.46	19.53			
15	QPSK	36	20	19.39	19.48	19.56	20.5	0	
15	QPSK	36	39	19.44	19.47	19.57			
15	QPSK	75	0	19.45	19.47	19.57			
15	16QAM	1	0	19.45	19.58	19.60	20.5	0	
15	16QAM	1	37	19.65	19.65	19.62			
15	16QAM	1	74	19.67	19.66	19.61			
15	16QAM	36	0	19.51	19.49	19.47	20.5	0	
15	16QAM	36	20	19.40	19.46	19.54			
15	16QAM	36	39	19.43	19.43	19.54	20.5	0	
15	16QAM	75	0	19.46	19.46	19.57			
15	64QAM	1	0	19.28	19.47	19.46			
15	64QAM	1	37	19.58	19.57	19.65	20.5	0	
15	64QAM	1	74	19.60	19.52	19.69			
15	64QAM	36	0	19.11	19.47	19.54			
15	64QAM	36	20	19.40	19.46	19.60	20.5	0	
15	64QAM	36	39	19.46	19.49	19.57			
15	64QAM	75	0	19.46	19.44	19.56			
Channel				37890	38000	38200	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2612.5			
10	QPSK	1	0	19.32	19.37	19.42	20.5	0	
10	QPSK	1	25	19.34	19.46	19.56			
10	QPSK	1	49	19.36	19.43	19.54			
10	QPSK	25	0	19.39	19.52	19.58			
10	QPSK	25	12	19.34	19.47	19.61	20.5	0	
10	QPSK	25	25	19.43	19.48	19.62			
10	QPSK	50	0	19.41	19.48	19.63			
10	16QAM	1	0	19.41	19.66	19.61	20.5	0	
10	16QAM	1	25	19.65	19.65	19.66			
10	16QAM	1	49	19.63	19.64	19.64			
10	16QAM	25	0	19.58	19.52	19.63	20.5	0	
10	16QAM	25	12	19.56	19.54	19.65			
10	16QAM	25	25	19.46	19.49	19.66	20.5	0	
10	16QAM	50	0	19.50	19.54	19.66			
10	64QAM	1	0	19.32	19.56	19.58			
10	64QAM	1	25	19.53	19.65	19.67	20.5	0	
10	64QAM	1	49	19.49	19.54	19.73			
10	64QAM	25	0	19.63	19.59	19.64			
10	64QAM	25	12	19.57	19.56	19.71	20.5	0	
10	64QAM	25	25	19.51	19.53	19.71			
10	64QAM	50	0	19.22	19.51	19.62			
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2572.5	2595	2612.5			
5	QPSK	1	0	19.31	19.37	19.55	20.5	0	
5	QPSK	1	12	19.37	19.40	19.57			
5	QPSK	1	24	19.32	19.40	19.56			
5	QPSK	12	0	19.38	19.50	19.60			
5	QPSK	12	7	19.37	19.38	19.62	20.5	0	
5	QPSK	12	13	19.36	19.48	19.60			
5	QPSK	25	0	19.40	19.49	19.61			
5	16QAM	1	0	19.69	19.66	19.60	20.5	0	
5	16QAM	1	12	19.64	19.61	19.66			
5	16QAM	1	24	19.62	19.65	19.69			
5	16QAM	12	0	19.44	19.49	19.66			
5	16QAM	12	7	19.42	19.47	19.68	20.5	0	
5	16QAM	12	13	19.42	19.51	19.61			
5	16QAM	25	0	19.46	19.57	19.69			
5	64QAM	1	0	19.28	19.64	19.69			
5	64QAM	1	12	19.37	19.59	19.68	20.5	0	
5	64QAM	1	24	19.50	19.57	19.65			
5	64QAM	12	0	19.43	19.56	19.63			
5	64QAM	12	7	19.43	19.46	19.68	20.5	0	
5	64QAM	12	13	19.42	19.54	19.62			
5	64QAM	25	0	19.44	19.58	19.69			

Band 41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2593.5	2594.5	2595	2636.5	2680	
20	QPSK	1	0	19.40	19.38	19.53	19.56	19.57	20.5
20	QPSK	1	49	19.56	19.62	19.75	19.66	19.87	
20	QPSK	1	99	19.44	19.54	19.72	19.65	19.81	
20	QPSK	50	0	19.50	19.53	19.70	19.60	19.70	20.5
20	QPSK	50	24	19.53	19.59	19.73	19.64	19.85	
20	QPSK	50	50	19.51	19.52	19.72	19.63	19.81	
20	QPSK	100	0	19.49	19.51	19.66	19.62	19.83	20.5
20	16QAM	1	0	19.59	19.64	19.65	19.79	19.78	
20	16QAM	1	49	19.79	19.85	19.71	19.77	19.77	
20	16QAM	1	99	19.59	19.75	19.85	19.85	19.71	20.5
20	16QAM	50	0	19.56	19.55	19.66	19.73	19.77	
20	16QAM	50	24	19.55	19.79	19.72	19.78	19.79	
20	16QAM	50	50	19.54	19.39	19.75	19.78	19.86	20.5
20	16QAM	100	0	19.50	19.44	19.71	19.78	19.80	
20	64QAM	1	0	19.42	19.41	19.52	19.53	19.62	
20	64QAM	1	49	19.54	19.42	19.73	19.75	19.86	20.5
20	64QAM	1	99	19.39	19.58	19.63	19.66	19.85	
20	64QAM	50	0	19.47	19.52	19.69	19.74	19.72	
20	64QAM	50	24	19.51	19.44	19.71	19.75	19.80	20.5
20	64QAM	50	50	19.59	19.64	19.74	19.69	19.77	
20	64QAM	100	0	19.50	19.42	19.66	19.76	19.78	
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2593.5	2594.3	2595	2637.5	2682.5	
15	QPSK	1	0	19.41	19.43	19.60	19.57	19.56	20.5
15	QPSK	1	37	19.56	19.81	19.76	19.67	19.77	
15	QPSK	1	74	19.42	19.40	19.64	19.68	19.82	
15	QPSK	36	0	19.45	19.51	19.60	19.62	19.66	20.5
15	QPSK	36	20	19.45	19.39	19.58	19.66	19.75	
15	QPSK	36	39	19.46	19.50	19.59	19.66	19.78	
15	QPSK	75	0	19.46	19.44	19.66	19.75	19.80	20.5
15	16QAM	1	0	19.55	19.59	19.73	19.81	19.78	
15	16QAM	1	37	19.67	19.71	19.83	19.80	19.78	
15	16QAM	1	74	19.58	19.74	19.83	19.77	19.72	20.5
15	16QAM	36	0	19.40	19.49	19.60	19.64	19.71	
15	16QAM	36	20	19.46	19.46	19.66	19.63	19.75	
15	16QAM	36	39	19.47	19.51	19.64	19.65	19.76	20.5
15	16QAM	75	0	19.48	19.53	19.67	19.69	19.79	
15	64QAM	1	0	19.42	19.46	19.63	19.64	19.70	
15	64QAM	1	37	19.62	19.54	19.76	19.69	19.80	20.5
15	64QAM	1	74	19.45	19.55	19.67	19.70	19.86	
15	64QAM	36	0	19.43	19.53	19.64	19.64	19.70	
15	64QAM	36	20	19.48	19.51	19.68	19.68	19.77	20.5
15	64QAM	36	39	19.48	19.52	19.66	19.68	19.79	
15	64QAM	75	0	19.47	19.56	19.64	19.68	19.73	
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2591	2547	2593	2639	2685	
10	QPSK	1	0	19.42	19.36	19.56	19.59	19.67	20.5
10	QPSK	1	25	19.50	19.29	19.66	19.67	19.73	
10	QPSK	1	49	19.37	19.53	19.59	19.60	19.76	
10	QPSK	25	0	19.46	19.40	19.70	19.69	19.80	20.5
10	QPSK	25	12	19.48	19.74	19.66	19.77	19.82	
10	QPSK	25	25	19.46	19.33	19.65	19.63	19.84	
10	QPSK	50	0	19.51	19.38	19.67	19.76	19.80	20.5
10	16QAM	1	0	19.67	19.69	19.87	19.79	19.79	
10	16QAM	1	25	19.73	19.74	19.80	19.71	19.76	
10	16QAM	1	49	19.68	19.67	19.77	19.74	19.80	20.5
10	16QAM	25	0	19.54	19.53	19.67	19.78	19.84	
10	16QAM	25	12	19.55	19.55	19.68	19.77	19.84	
10	16QAM	25	25	19.53	19.50	19.70	19.76	19.81	20.5
10	16QAM	50	0	19.51	19.84	19.89	19.77	19.79	
10	64QAM	1	0	19.54	19.52	19.69	19.71	19.76	
10	64QAM	1	24	19.56	19.51	19.78	19.77	19.78	20.5
10	64QAM	1	49	19.49	19.50	19.70	19.73	19.72	
10	64QAM	25	0	19.54	19.71	19.74	19.79	19.77	
10	64QAM	25	12	19.54	19.86	19.76	19.76	19.78	20.5
10	64QAM	25	25	19.55	19.56	19.74	19.77	19.78	
10	64QAM	50	0	19.48	19.50	19.73	19.75	19.85	
Channel				39875	40148	40623	41093	41565	
Frequency (MHz)				2498.5	2545.5	2593	2640.30	2687.5	
5	QPSK	1	0	19.34	19.25	19.57	19.58	19.74	20.5
5	QPSK	1	12	19.44	19.49	19.63	19.59	19.83	
5	QPSK	1	24	19.41	19.49	19.60	19.57	19.79	
5	QPSK	12	0	19.50	19.21	19.67	19.67	19.78	20.5
5	QPSK	12	7	19.38	19.56	19.63	19.70	19.86	
5	QPSK	12	13	19.48	19.50	19.64	19.64	19.85	
5	QPSK	25	0	19.44	19.57	19.69	19.74	19.82	20.5
5	16QAM	1	0	19.63	19.70	19.79	19.82	19.71	
5	16QAM	1	12	19.68	19.51	19.77	19.80	19.82	
5	16QAM	1	24	19.69	19.50	19.78	19.73	19.81	20.5
5	16QAM	12	0	19.48	19.37	19.71	19.72	19.72	
5	16QAM	12	7	19.49	19.67	19.65	19.73	19.74	
5	16QAM	12	13	19.47	19.56	19.69	19.71	19.72	20.5
5	16QAM	25	0	19.53	19.34	19.71	19.70	19.80	
5	64QAM	1	0	19.50	19.48	19.73	19.71	19.80	
5	64QAM	1	12	19.52	19.67	19.71	19.86	19.78	20.5
5	64QAM	1	24	19.51	19.58	19.70	19.75	19.75	
5	64QAM	12	0	19.50	19.33	19.70	19.74	19.80	
5	64QAM	12	7	19.48	19.67	19.67	19.80	19.74	20.5
5	64QAM	12	13	19.47	19.57	19.67	19.73	19.79	
5	64QAM	25	0	19.60	19.36	19.76	19.75	19.80	

GSM1900_Ant 31		Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
TX Channel		512	661	810		512	661	810	
Frequency (MHz)		1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot		27.81	27.95	28.36	29.50	18.61	18.95	19.36	20.50
GPRS 1 Tx slot		27.78	27.93	28.33	29.50	18.78	18.93	19.33	20.50
GPRS 2 Tx slots		25.84	25.95	26.20	27.00	19.84	19.95	20.20	21.00
GPRS 3 Tx slots		23.61	23.87	24.35	25.00	19.55	19.61	20.09	20.74
GPRS 4 Tx slots		21.79	21.83	22.31	23.00	18.79	18.83	19.31	20.00
EDGE 1 Tx slot		25.11	25.18	25.60	27.00	16.11	16.18	16.60	18.00
EDGE 2 Tx slots		23.16	23.13	23.63	25.00	17.16	17.13	17.63	19.00
EDGE 3 Tx slots		21.08	21.03	21.52	23.00	16.82	16.77	17.26	18.74
EDGE 4 Tx slots		19.11	19.01	19.24	21.00	16.11	16.01	16.24	18.00

Band		WCDMA II_Ant 31			Tune-up Limit (dBm)	WCDMA IV_Ant 31			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513	
Rx Channel		9662	9800	9938		1537	1638	1738	
Frequency (MHz)		1852.4	1880	1907.6		1742.4	1759.6	1782.6	
3GPP Rel 99 AMR 12.2Kbps		18.55	19.08	19.02	20.00	19.01	19.11	19.05	20.00
3GPP Rel 99 RMC 12.2Kbps		18.96	19.10	19.08	20.00	19.11	19.13	19.12	20.00
3GPP Rel 6 HSDPA Subtest-1		17.87	18.12	18.02	19.00	18.06	18.09	18.07	19.00
3GPP Rel 6 HSDPA Subtest-2		17.83	18.09	18.01	19.00	18.05	18.07	18.02	19.00
3GPP Rel 6 HSDPA Subtest-3		17.38	17.64	17.48	18.50	17.64	17.58	17.59	18.50
3GPP Rel 6 HSDPA Subtest-4		17.33	17.61	17.42	18.50	17.59	17.56	17.56	18.50
3GPP Rel 6 HSUPA Subtest-1		15.76	15.82	15.78	17.00	15.71	15.76	15.69	17.00
3GPP Rel 6 HSUPA Subtest-2		15.82	16.10	16.04	17.00	16.04	16.05	16.02	17.00
3GPP Rel 6 HSUPA Subtest-3		16.87	17.12	17.06	18.00	17.11	17.12	17.05	18.00
3GPP Rel 6 HSUPA Subtest-4		15.59	15.62	15.61	16.50	15.53	15.61	15.58	16.50
3GPP Rel 6 HSUPA Subtest-5		16.80	17.00	17.02	18.00	17.02	17.11	17.03	18.00
3GPP Rel 7 HSPA+ (16QAM) Subtest-1		15.94	15.98	15.92	17.00	15.93	15.95	15.93	17.00



Band 2_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100	21	0	
Frequency (MHz)				18600	18800	19000			
20	QPSK	1	0	19.91	19.90	19.92	21	0	
20	QPSK	1	49	20.03	19.91	20.04			
20	QPSK	1	99	19.75	19.78	19.96	21	0	
20	QPSK	50	0	19.94	19.80	19.99			
20	QPSK	50	24	20.00	19.88	20.02	21	0	
20	QPSK	50	50	19.87	19.73	19.92			
20	QPSK	100	0	19.77	19.80	20.00	21	0	
20	16QAM	1	0	20.01	19.87	19.91			
20	16QAM	1	49	20.02	19.95	20.03	21	0	
20	16QAM	1	99	20.00	19.81	20.03			
20	16QAM	50	0	19.83	19.86	20.01	21	0	
20	16QAM	50	24	19.92	19.86	20.02			
20	16QAM	50	50	19.94	19.80	20.00	21	0	
20	16QAM	100	0	19.85	19.74	19.97			
20	64QAM	1	0	19.75	19.85	19.80	21	0	
20	64QAM	1	49	19.91	19.85	19.95			
20	64QAM	1	99	19.75	19.69	19.80	21	0	
20	64QAM	50	0	19.87	19.83	19.97			
20	64QAM	50	24	19.92	19.86	19.97	21	0	
20	64QAM	50	50	19.86	19.79	19.92			
20	64QAM	100	0	19.87	19.74	19.95	21	0	
Channel				18675	18900	19125			
Frequency (MHz)				18925	19025	19125	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	19.53	19.55	19.62	21	0	
15	QPSK	1	37	19.70	19.61	19.79			
15	QPSK	1	74	19.60	19.48	19.60	21	0	
15	QPSK	36	0	19.64	19.65	19.81			
15	QPSK	36	20	19.70	19.63	19.84	21	0	
15	QPSK	36	36	19.60	19.54	19.84			
15	QPSK	75	0	19.69	19.63	19.85	21	0	
15	16QAM	1	0	20.02	19.76	19.79			
15	16QAM	1	37	20.01	19.79	19.85	21	0	
15	16QAM	1	74	19.73	19.65	19.80			
15	16QAM	36	0	19.59	19.64	19.80	21	0	
15	16QAM	36	20	19.73	19.66	19.81			
15	16QAM	36	36	19.66	19.60	19.81	21	0	
15	16QAM	75	0	19.66	19.57	19.74			
15	64QAM	1	0	19.69	19.66	19.85	21	0	
15	64QAM	1	37	19.88	19.86	20.02			
15	64QAM	1	74	19.60	19.75	19.95	21	0	
15	64QAM	36	0	19.66	19.67	19.76			
15	64QAM	36	20	19.74	19.63	19.82	21	0	
15	64QAM	36	36	19.66	19.56	19.81			
15	64QAM	75	0	19.69	19.59	19.74	21	0	
Channel				18650	18900	19150			
Frequency (MHz)				18925	19040	19150	Tune-up limit (dBm)	MPR (dB)	
10	QPSK	1	0	19.53	19.64	19.71	21	0	
10	QPSK	1	25	19.47	19.71	19.92			
10	QPSK	1	49	19.60	19.62	19.77	21	0	
10	QPSK	25	0	19.62	19.66	19.85			
10	QPSK	25	12	19.56	19.57	19.83	21	0	
10	QPSK	25	25	19.61	19.55	19.83			
10	QPSK	50	0	19.63	19.59	19.86	21	0	
10	16QAM	1	0	19.68	20.03	20.02			
10	16QAM	1	25	19.66	19.89	20.01	21	0	
10	16QAM	1	49	19.56	20.02	20.00			
10	16QAM	25	0	19.64	19.73	19.88	21	0	
10	16QAM	25	12	19.55	19.58	19.85			
10	16QAM	25	25	19.58	19.61	19.92	21	0	
10	16QAM	50	0	19.61	19.64	19.81			
10	64QAM	1	0	19.69	19.79	19.79	21	0	
10	64QAM	1	25	19.47	19.47	19.97			
10	64QAM	1	49	19.60	19.61	19.76	21	0	
10	64QAM	25	0	19.67	19.67	19.97			
10	64QAM	25	12	19.66	19.60	19.97	21	0	
10	64QAM	25	25	19.63	19.68	19.89			
10	64QAM	50	0	19.71	19.65	19.89	21	0	
Channel				18625	18900	19175			
Frequency (MHz)				18925	19025	19175	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	19.61	19.64	19.86	21	0	
5	QPSK	1	12	19.59	19.68	19.73			
5	QPSK	1	24	19.54	19.63	19.87	21	0	
5	QPSK	12	0	19.61	19.63	19.85			
5	QPSK	12	7	19.57	19.60	19.85	21	0	
5	QPSK	12	13	19.64	19.54	19.59			
5	QPSK	25	0	19.61	19.60	19.83	21	0	
5	16QAM	1	0	19.98	20.02	19.77			
5	16QAM	1	12	19.58	19.61	19.67	21	0	
5	16QAM	1	24	20.01	20.01	19.74			
5	16QAM	12	0	19.63	19.68	19.84	21	0	
5	16QAM	12	7	19.62	19.69	19.82			
5	16QAM	12	13	19.59	19.59	19.79	21	0	
5	16QAM	25	0	19.60	19.73	19.85			
5	64QAM	1	0	19.68	19.91	20.04	21	0	
5	64QAM	1	12	19.74	19.96	20.03			
5	64QAM	1	24	19.67	19.62	20.01	21	0	
5	64QAM	12	0	19.72	19.77	19.96			
5	64QAM	12	7	19.58	19.70	19.93	21	0	
5	64QAM	12	13	19.67	19.68	19.91			
5	64QAM	25	0	19.61	19.66	19.73	21	0	
Channel				18615	18900	19185			
Frequency (MHz)				18925	19025	19185	Tune-up limit (dBm)	MPR (dB)	
3	QPSK	1	0	19.51	19.51	19.77	21	0	
3	QPSK	1	8	19.55	19.48	19.75			
3	QPSK	1	14	19.59	19.51	19.72	21	0	
3	QPSK	8	0	19.59	19.67	19.80			
3	QPSK	8	4	19.57	19.52	19.80	21	0	
3	QPSK	8	7	19.56	19.51	19.82			
3	QPSK	15	0	19.55	19.57	19.82	21	0	
3	16QAM	1	0	19.56	19.73	19.89			
3	16QAM	1	8	19.54	19.61	19.93	21	0	
3	16QAM	1	14	19.57	19.75	19.90			
3	16QAM	8	0	19.59	19.69	19.82	21	0	
3	16QAM	8	7	19.74	19.65	19.85			
3	16QAM	8	7	19.59	19.70	19.87	21	0	
3	16QAM	15	0	19.54	19.65	19.80			
3	64QAM	1	0	19.66	19.65	20.04	21	0	
3	64QAM	1	8	19.87	19.63	20.03			
3	64QAM	1	14	19.67	19.62	20.02	21	0	
3	64QAM	8	0	19.68	19.69	19.95			
3	64QAM	8	4	19.65	19.66	19.81	21	0	
3	64QAM	8	7	19.68	19.63	19.83			
3	64QAM	15	0	19.60	19.58	19.87	21	0	
Channel				18607	18900	19193			
Frequency (MHz)				18927	19025	19193	Tune-up limit (dBm)	MPR (dB)	
1.4	QPSK	1	0	19.55	19.52	19.91	21	0	
1.4	QPSK	1	3	19.49	19.59	19.88			
1.4	QPSK	1	5	19.51	19.52	19.76	21	0	
1.4	QPSK	3	0	19.57	19.65	19.80			
1.4	QPSK	3	1	19.58	19.63	19.82	21	0	
1.4	QPSK	3	3	19.54	19.64	19.78			
1.4	QPSK	6	0	19.52	19.53	19.78	21	0	
1.4	16QAM	1	0	19.58	19.82	20.02			
1.4	16QAM	1	5	19.56	20.03	20.04	21	0	
1.4	16QAM	3	0	19.55	19.58	19.78			
1.4	16QAM	3	1	19.64	19.68	19.82	21	0	
1.4	16QAM	3	3	19.72	19.56	19.78			
1.4	16QAM	6	0	19.70	19.65	19.88	21	0	
1.4	64QAM	1	0	19.88	19.67	19.82			
1.4	64QAM	1	3	19.91	19.46	19.77	21	0	
1.4	64QAM	1	5	19.67	19.65	19.92			
1.4	64QAM	3	0	19.67	19.50	19.95	21	0	
1.4	64QAM	3	1	19.64	19.54	19.55			
1.4	64QAM	3	3	19.67	19.72	19.61	21	0	
1.4	64QAM	6	0	19.62	19.60	19.76			

Band 38_Ant 31								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2590	2595	2610		
20	QPSK	1	0	20.83	20.89	20.87	22	0
20	QPSK	1	49	21.13	21.12	21.11		
20	QPSK	1	99	21.03	21.00	21.10		
20	QPSK	50	0	20.95	21.02	21.07		
20	QPSK	50	24	21.12	21.06	21.09	22	0
20	QPSK	50	50	21.00	21.05	21.03		
20	QPSK	100	0	21.11	21.02	21.06		
20	16QAM	1	0	21.00	21.04	21.08		
20	16QAM	1	49	21.04	21.10	21.13	22	0
20	16QAM	1	99	21.10	21.04	21.12		
20	16QAM	50	0	20.90	20.95	21.02		
20	16QAM	50	24	20.94	20.93	21.05	22	0
20	16QAM	50	50	20.96	20.98	21.10		
20	16QAM	100	0	20.89	20.88	21.05		
20	64QAM	1	0	20.80	20.86	20.85		
20	64QAM	1	49	20.95	20.97	21.10	22	0
20	64QAM	1	99	20.95	20.96	21.07		
20	64QAM	50	0	19.85	19.89	19.96		
20	64QAM	50	24	19.88	19.94	20.00	21	1
20	64QAM	50	50	19.94	19.91	20.03		
20	64QAM	100	0	19.86	19.90	20.01		
Channel				37775	38000	38225		
Frequency (MHz)				25725	2595	26125	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	20.51	20.62	20.64	22	0
15	QPSK	1	37	20.56	20.86	20.91		
15	QPSK	1	74	20.69	20.88	20.85		
15	QPSK	36	0	20.59	20.71	20.80		
15	QPSK	36	20	20.64	20.72	20.87	22	0
15	QPSK	36	36	20.65	20.71	20.85		
15	QPSK	75	0	20.63	20.72	20.87		
15	16QAM	1	0	20.71	20.81	20.90		
15	16QAM	1	37	20.87	20.90	21.09	22	0
15	16QAM	1	74	20.92	20.97	21.13		
15	16QAM	36	0	20.58	20.70	20.80		
15	16QAM	36	20	20.64	20.71	20.83	22	0
15	16QAM	36	39	20.66	20.72	20.82		
15	16QAM	75	0	20.68	20.70	20.89		
15	64QAM	1	0	20.62	20.73	20.79		
15	64QAM	1	37	20.79	20.86	20.98	22	0
15	64QAM	1	74	20.75	20.82	20.96		
15	64QAM	36	0	19.95	19.70	19.79		
15	64QAM	36	20	19.66	19.72	19.80	21	1
15	64QAM	36	39	19.64	19.72	19.81		
15	64QAM	75	0	19.62	19.69	19.80		
Channel				37900	38000	38200		
Frequency (MHz)				25725	2595	26125	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	20.52	20.64	20.78	22	0
10	QPSK	1	25	20.55	20.67	20.85		
10	QPSK	1	49	20.55	20.65	20.84		
10	QPSK	25	0	20.64	20.73	20.88		
10	QPSK	25	12	20.62	20.76	20.87	22	0
10	QPSK	25	25	20.65	20.69	20.92		
10	QPSK	50	0	20.65	20.76	20.91		
10	16QAM	1	0	20.83	20.92	21.02		
10	16QAM	1	25	20.87	21.04	21.05	22	0
10	16QAM	1	49	20.89	20.99	21.11		
10	16QAM	25	0	20.67	20.77	20.89		
10	16QAM	25	12	20.67	20.73	20.94	22	0
10	16QAM	25	25	20.67	20.78	20.94		
10	16QAM	50	0	20.66	20.82	20.96		
10	64QAM	1	0	20.68	20.77	20.87		
10	64QAM	1	25	20.68	20.84	21.01	22	0
10	64QAM	1	49	20.76	20.84	21.06		
10	64QAM	25	0	19.62	19.84	19.93		
10	64QAM	25	12	19.70	19.83	19.97	21	1
10	64QAM	25	25	19.71	19.77	19.96		
10	64QAM	50	0	19.63	19.75	19.91		
Channel				37775	38000	38225		
Frequency (MHz)				25725	2595	26125	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	20.52	20.62	20.73	22	0
5	QPSK	1	12	20.54	20.64	20.84		
5	QPSK	1	24	20.52	20.69	20.86		
5	QPSK	12	0	20.62	20.76	20.92		
5	QPSK	12	7	20.59	20.70	20.90	22	0
5	QPSK	12	13	20.59	20.73	20.89		
5	QPSK	25	0	20.61	20.74	20.94		
5	16QAM	1	0	20.79	20.84	21.04		
5	16QAM	1	12	20.82	21.02	21.11	22	0
5	16QAM	1	24	20.81	21.01	21.10		
5	16QAM	12	0	20.66	20.81	20.96		
5	16QAM	12	7	20.64	20.77	20.96	22	0
5	16QAM	12	13	20.62	20.74	20.93		
5	16QAM	25	0	20.68	20.78	20.99		
5	64QAM	1	0	20.67	20.86	21.04		
5	64QAM	1	12	20.67	20.84	21.08	22	0
5	64QAM	1	24	20.69	20.86	21.05		
5	64QAM	12	0	19.64	19.82	19.93		
5	64QAM	12	7	19.81	19.73	19.91	21	1
5	64QAM	12	13	19.62	19.74	19.94		
5	64QAM	25	0	19.61	19.77	19.98		

Band 41_Ant 31										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Middle Ch / Freq.	Power Low Middle Ch / Freq.	Power Middle Ch / Freq.	Power High Middle Ch / Freq.	Power High Ch / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				39750	40185	40620	41055	41490		
Frequency (MHz)				2596	2549.5	2593	2636.5	2680		
20	QPSK	1	0	20.91	20.73	20.78	20.94	20.82	22	0
20	QPSK	1	49	20.99	20.97	21.09	21.02	21.15		
20	QPSK	1	99	20.89	20.86	20.92	20.92	21.08		
20	QPSK	50	0	21.00	20.92	20.98	21.05	21.03		
20	QPSK	50	24	20.99	20.96	21.03	21.11	21.12	22	0
20	QPSK	50	50	20.98	20.99	21.01	21.02	21.10		
20	QPSK	100	0	20.98	20.98	21.01	21.01	21.02		
20	16QAM	1	0	21.07	20.91	20.99	21.09	21.04		
20	16QAM	1	49	21.09	21.09	21.02	21.07	21.09	22	0
20	16QAM	1	99	21.10	21.03	21.06	21.13	21.06		
20	16QAM	50	0	21.00	20.94	21.02	21.02	21.03		
20	16QAM	50	24	21.04	20.96	21.08	21.08	21.12	22	0
20	16QAM	50	50	21.03	20.94	21.06	21.05	21.06		
20	16QAM	100	0	20.96	20.92	21.01	21.07	21.10		
20	64QAM	1	0	20.95	20.74	20.88	20.94	20.91		
20	64QAM	1	49	21.08	20.95	21.05	21.01	21.13	22	0
20	64QAM	1	99	20.98	20.96	20.99	20.99	21.06		
20	64QAM	50	0	19.97	19.88	19.96	20.03	19.95		
20	64QAM	50	24	19.99	19.95	20.03	20.02	20.05	21	1
20	64QAM	50	50	20.01	19.88	20.02	19.99	20.06		
20	64QAM	100	0	19.97	19.89	19.98	20.05	20.02		
Channel				39725	40173	40620	41068	41515		
Frequency (MHz)				25925.5	25483.5	25923	26377	26825.5	Tune-up limit (dBm)	MPR (dB)
15	QPSK	1	0	20.72	20.51	20.66	20.77	20.85	22	0
15	QPSK	1	37	20.76	20.63	20.90	20.93	20.99		
15	QPSK	1	74	20.47	20.60	20.77	20.84	21.04		
15	QPSK	36	0	20.73	20.61	20.76	20.85	20.93		
15	QPSK	36	20	20.75	20.67	20.82	20.79	21.00	22	0
15	QPSK	36	39	20.75	20.65	20.78	20.86	21.03		
15	QPSK	75	0	20.75	20.67	20.82	20.90	21.03		
15	16QAM	1	0	20.85	20.74	20.87	21.01	21.07		
15	16QAM	1	37	21.02	20.88	21.02	21.04	21.02	22	0
15	16QAM	1	74	20.89	20.83	21.06	21.06	21.07		
15	16QAM	36	0	20.69	20.63	20.78	20.81	20.93		
15	16QAM	36	20	20.72	20.69	20.79	20.87	21.03	22	0
15	16QAM	36	39	20.77	20.67	20.80	20.87	21.03		
15	16QAM	75	0	20.77	20.66	20.84	20.93	21.07		
15	64QAM	1	0	20.72	20.59	20.74	20.85	20.92		
15	64QAM	1	37	20.89	20.71	21.01	21.02	21.10	22	0
15	64QAM	1	74	20.74	20.68	20.87	20.94	21.07		
15	64QAM	36	0	19.75	19.65	19.77	19.86	19.96		
15	64QAM	36	20	19.75	19.68	19.85	19.87	20.00	21	1
15	64QAM	36	39	19.79	19.63	19.81	19.89	20.05		
15	64QAM	75	0	19.74	19.63	19.83	19.90	19.98		
Channel				39700	40160	40620	41080	41540		
Frequency (MHz)				25901	25447	25923	26379	26825	Tune-up limit (dBm)	MPR (dB)
10	QPSK	1	0	20.69	20.51	20.71	20.76	20.95	22	0
10	QPSK	1	25	20.75	20.60	20.83	20.82	21.03		
10	QPSK	1	49	20.72	20.57	20.77	20.85	21.07		
10	QPSK	25	0	20.80	20.66	20.88	20.90	21.06		
10	QPSK	25	12	20.77	20.69	20.77	20.89	21.10	22	0
10	QPSK	25	25	20.78	20.66	20.82	20.91	21.10		
10	QPSK	50	0	20.80	20.66	20.86	20.97	21.07		
10	16QAM	1	0	21.01	20.81	21.01	21.11	21.07		
10	16QAM	1	25	20.98	20.81	21.04	21.13	21.05	22	0
10	16QAM	1	49	20.97	20.89	21.05	21.14	21.10		
10	16QAM	25	0	20.84	20.70	20.86	20.96	21.12		
10	16QAM	25	12	20.84	20.74	20.87	20.97	21.13	22	0
10	16QAM	25	25	20.83	20.71	20.87	20.98	21.07		
10	16QAM	50	0	20.84	20.73	20.88	20.94	21.13		
10	64QAM	1	0	20.84	20.60	20.81	20.91	21.11		
10	64QAM	1	25	20.93	20.67	20.91	20.98	21.02	22	0
10	64QAM	1	49	20.80	20.70	20.90	20.99	21.00		
10	64QAM	25	0	19.80	19.68	19.87	19.97	20.16		
10	64QAM	25	12	19.85	19.80	19.89	19.96	20.15	21	1
10	64QAM	25	25	19.86	19.76	19.87	19.93	20.16		
10	64QAM	50	0	19.82	19.66	19.84	19.94	20.15		
Channel				39675	40148	40620	41093	41565		
Frequency (MHz)				2498.5	2545.8	25923	2640.30	2687.5	Tune-up limit (dBm)	MPR (dB)
5	QPSK	1	0	20.68	20.51	20.71	20.78	20.95	22	0
5	QPSK	1	12	20.80	20.58	20.81	20.77	21.02		
5	QPSK	1	24	20.71	20.56	20.81	20.87	21.09		
5	QPSK	12	0	20.83	20.65	20.86	20.91	21.10		
5	QPSK	12	7	20.79	20.65	20.79	20.87	21.11	22	0
5	QPSK	12	13	20.75	20.65	20.78	20.89	21.11		
5	QPSK	25	0	20.80	20.67	20.81	20.90	21.12		
5	16QAM	1	0	21.01	20.83	20.98	21.08	21.10		
5	16QAM	1	12	21.04	20.90	21.01	21.10	21.07	22	0
5	16QAM	1	24	21.00	20.82	21.08	21.10	21.10		
5	16QAM	12	0	20.82	20.68	20.85	20.94	21.06		
5	16QAM	12	7	20.82	20.71	20.82	20.93	21.13	22	0
5	16QAM	12	13	20.81	20.67	20.83	20.93	21.08		
5	16QAM	25	0	20.88	20.73	20.91	20.97	21.08		
5	64QAM	1	0	20.91	20.68	20.86	20.94	21.14		
5	64QAM	1	12	20.91	20.66	20.86	20.96	21.06	22	0
5	64QAM	1	24	20.89	20.69	20.92	21.04	21.03		
5	64QAM	12	0	19.83	19.65	19.83	19.94	20.22		
5	64QAM	12	7	19.82	19.70	19.82	19.90	20.19	21	1
5	64QAM	12	13	19.80	19.67	19.82	19.91	20.15		
5	64QAM	25	0	19.87	19.67	19.86	19.95	20.09		



Full Power Mode for EN-DC LTE

Band 7_Ant 13									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.75	22.79	22.83	24	0	
20	QPSK	1	49	22.87	22.99	22.95			
20	QPSK	1	99	22.81	22.94	22.92			
20	QPSK	36	0	21.78	21.90	21.97			
20	QPSK	50	24	21.79	21.92	21.88	23	1	
20	QPSK	50	50	21.71	21.84	21.81			
20	QPSK	100	0	21.75	21.89	21.86			
20	16QAM	1	0	21.82	21.90	21.81			
20	16QAM	1	49	21.95	22.06	22.01	23	1	
20	16QAM	1	99	21.87	21.96	22.05			
20	16QAM	50	0	20.79	20.95	20.86			
20	16QAM	50	24	20.79	20.88	20.89			
20	16QAM	50	50	20.71	20.88	20.99	22	2	
20	16QAM	100	0	20.73	20.84	20.87			
20	64QAM	1	0	20.77	20.82	20.76			
20	64QAM	1	49	20.93	20.97	20.91			
20	64QAM	1	99	20.81	20.97	21.01	21	3	
20	64QAM	50	0	19.77	19.85	19.81			
20	64QAM	50	24	19.76	19.89	19.86			
20	64QAM	50	50	19.70	19.86	19.87			
20	64QAM	100	0	19.74	19.85	19.89	Tune-up limit (dBm)	MPR (dB)	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dBm)	MPR (dB)	
15	QPSK	1	0	22.74	22.80	22.78			
15	QPSK	1	37	22.82	22.93	22.95	24	0	
15	QPSK	1	74	22.76	22.90	22.94			
15	QPSK	36	0	21.85	21.99	21.97			
15	QPSK	36	20	21.77	21.89	21.92			
15	QPSK	36	39	21.80	21.86	21.98	23	1	
15	QPSK	75	0	21.76	21.86	21.90			
15	16QAM	1	0	21.91	21.98	21.92			
15	16QAM	1	37	21.97	22.07	22.09			
15	16QAM	1	74	21.96	22.01	22.11	23	1	
15	16QAM	36	0	20.78	20.97	20.88			
15	16QAM	36	20	20.78	20.90	20.92			
15	16QAM	36	39	20.85	20.89	20.99			
15	16QAM	75	0	20.78	20.85	20.92	22	2	
15	64QAM	1	0	20.90	20.92	20.96			
15	64QAM	1	37	20.95	21.03	21.02			
15	64QAM	1	74	20.92	21.01	21.03			
15	64QAM	36	0	19.81	19.90	19.92	21	3	
15	64QAM	36	20	19.81	19.96	19.93			
15	64QAM	36	39	19.84	19.89	19.98			
15	64QAM	75	0	19.75	19.85	19.90			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	22.83	22.87	22.83	24	0	
10	QPSK	1	25	22.85	22.96	22.94			
10	QPSK	1	49	22.83	22.94	22.95			
10	QPSK	25	0	21.81	21.93	21.94			
10	QPSK	25	12	21.83	21.93	21.94	23	1	
10	QPSK	25	25	21.84	21.93	21.97			
10	QPSK	50	0	21.85	21.96	21.96			
10	16QAM	1	0	21.96	22.05	21.97			
10	16QAM	1	25	22.00	22.10	22.10	23	1	
10	16QAM	1	49	21.97	22.11	22.09			
10	16QAM	25	0	20.87	20.95	20.86			
10	16QAM	25	12	20.87	20.94	20.95			
10	16QAM	25	25	20.86	20.95	20.98	22	2	
10	16QAM	50	0	20.87	20.93	20.94			
10	64QAM	1	0	20.96	20.99	20.89			
10	64QAM	1	25	20.90	21.03	21.05			
10	64QAM	1	49	20.95	21.04	21.06	22	2	
10	64QAM	25	0	19.86	19.92	19.88			
10	64QAM	25	12	19.87	19.95	19.94			
10	64QAM	25	25	19.86	19.95	19.94			
10	64QAM	50	0	19.85	19.90	19.90	Tune-up limit (dBm)	MPR (dB)	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dBm)	MPR (dB)	
5	QPSK	1	0	22.87	22.92	22.93			
5	QPSK	1	12	22.87	22.94	22.97	24	0	
5	QPSK	1	24	22.86	22.95	22.91			
5	QPSK	12	0	21.81	21.93	21.97			
5	QPSK	12	7	21.84	21.89	21.97			
5	QPSK	12	13	21.81	21.89	21.94	23	1	
5	QPSK	25	0	21.85	21.88	21.95			
5	16QAM	1	0	21.99	22.06	22.08			
5	16QAM	1	12	22.04	22.08	22.12			
5	16QAM	1	24	21.99	22.06	22.12	23	1	
5	16QAM	12	0	20.83	20.91	20.93			
5	16QAM	12	7	20.81	20.89	20.94			
5	16QAM	12	13	20.80	20.90	20.92			
5	16QAM	25	0	20.87	20.91	20.95	22	2	
5	64QAM	1	0	20.98	21.00	21.05			
5	64QAM	1	12	21.00	21.04	21.08			
5	64QAM	1	24	20.96	21.04	21.08			
5	64QAM	12	0	19.88	19.97	19.98	21	3	
5	64QAM	12	7	19.89	19.93	20.03			
5	64QAM	12	13	19.83	19.93	19.97			
5	64QAM	25	0	19.87	19.89	19.96			

Band 7_Ant 31									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./Freq.	Power Middle Ch./Freq.	Power High Ch./Freq.	Tune-up limit (dbm)	MPR (db)	
Channel				20850	21100	21350	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	22.68	22.69	22.63	24	0	
20	QPSK	1	49	22.75	22.82	22.67			
20	QPSK	1	99	22.74	22.79	22.66			
20	QPSK	36	0	21.70	21.76	21.68			
20	QPSK	50	24	21.74	21.79	21.72	23	1	
20	QPSK	50	50	21.62	21.73	21.67			
20	QPSK	100	0	21.66	21.74	21.66			
20	16QAM	1	0	21.99	21.98	21.67			
20	16QAM	1	49	22.04	21.95	21.52	23	1	
20	16QAM	1	99	21.71	21.68	21.66			
20	16QAM	50	0	20.82	20.80	20.80			
20	16QAM	50	24	20.78	20.73	20.74			
20	16QAM	50	50	20.65	20.75	20.73	22	2	
20	16QAM	100	0	20.63	20.67	20.67			
20	64QAM	1	0	20.63	20.85	20.64			
20	64QAM	1	49	20.78	21.08	20.87			
20	64QAM	1	99	20.98	20.83	20.64	22	2	
20	64QAM	50	0	19.81	19.72	19.61			
20	64QAM	50	24	19.79	19.74	19.67			
20	64QAM	50	50	19.62	19.86	19.73			
20	64QAM	100	0	19.72	19.72	19.69	21	3	
Channel				20825	21100	21375			
Frequency (MHz)				2507.5	2535	2562.5	Tune-up limit (dbm)	MPR (db)	
15	QPSK	1	0	22.59	22.49	22.32	24	0	
15	QPSK	1	37	22.62	22.58	22.49			
15	QPSK	1	74	22.54	22.51	22.52			
15	QPSK	36	0	21.61	21.53	21.42			
15	QPSK	36	20	21.55	21.54	21.46	23	1	
15	QPSK	36	39	21.55	21.49	21.46			
15	QPSK	75	0	21.55	21.50	21.41			
15	16QAM	1	0	21.73	21.66	21.34			
15	16QAM	1	37	21.76	21.53	21.49	23	1	
15	16QAM	1	74	21.70	21.65	21.38			
15	16QAM	36	0	20.60	20.52	20.25			
15	16QAM	36	20	20.56	20.55	20.25			
15	16QAM	36	39	20.56	20.49	20.26	22	2	
15	16QAM	75	0	20.58	20.50	20.24			
15	64QAM	1	0	20.71	20.60	20.30			
15	64QAM	1	37	20.74	20.68	20.42			
15	64QAM	1	74	20.65	20.59	20.40	22	2	
15	64QAM	36	0	19.64	19.55	19.29			
15	64QAM	36	20	19.61	19.57	19.32			
15	64QAM	36	39	19.58	19.51	19.36			
15	64QAM	75	0	19.54	19.48	19.31	21	3	
Channel				20800	21100	21400			
Frequency (MHz)				2502.5	2535	2565	Tune-up limit (dbm)	MPR (db)	
10	QPSK	1	0	22.51	22.37	22.23	24	0	
10	QPSK	1	25	22.47	22.37	22.34			
10	QPSK	1	49	22.46	22.42	22.38			
10	QPSK	25	0	21.50	21.38	21.24			
10	QPSK	25	12	21.47	21.38	21.33	23	1	
10	QPSK	25	25	21.42	21.39	21.34			
10	QPSK	50	0	21.47	21.42	21.39			
10	16QAM	1	0	21.61	21.52	21.39			
10	16QAM	1	25	21.65	21.52	21.49	23	1	
10	16QAM	1	49	21.62	21.47	21.46			
10	16QAM	25	0	20.52	20.42	20.29			
10	16QAM	25	12	20.47	20.41	20.33			
10	16QAM	25	25	20.46	20.43	20.35	22	2	
10	16QAM	50	0	20.48	20.41	20.34			
10	64QAM	1	0	20.59	20.47	20.37			
10	64QAM	1	25	20.57	20.49	20.46			
10	64QAM	1	49	20.54	20.46	20.48	22	2	
10	64QAM	25	0	19.53	19.43	19.31			
10	64QAM	25	12	19.50	19.42	19.35			
10	64QAM	25	25	19.45	19.43	19.36			
10	64QAM	50	0	19.46	19.42	19.36	21	3	
Channel				20775	21100	21425			
Frequency (MHz)				2502.5	2535	2567.5	Tune-up limit (dbm)	MPR (db)	
5	QPSK	1	0	22.52	22.46	22.42	24	0	
5	QPSK	1	12	22.44	22.50	22.46			
5	QPSK	1	24	22.54	22.52	22.50			
5	QPSK	12	0	21.54	21.49	21.45			
5	QPSK	12	7	21.51	21.44	21.44	23	1	
5	QPSK	12	13	21.47	21.44	21.40			
5	QPSK	25	0	21.48	21.44	21.42			
5	16QAM	1	0	21.68	21.60	21.54			
5	16QAM	1	12	21.59	21.58	21.56	23	1	
5	16QAM	1	24	21.69	21.60	21.56			
5	16QAM	12	0	20.57	20.49	20.44			
5	16QAM	12	7	20.54	20.42	20.42			
5	16QAM	12	13	20.50	20.44	20.41	22	2	
5	16QAM	36	0	20.58	20.47	20.44			
5	64QAM	1	0	20.69	20.55	20.52			
5	64QAM	1	12	20.71	20.60	20.25			
5	64QAM	1	24	20.68	20.57	20.47	22	2	
5	64QAM	12	0	19.63	19.51	19.56			
5	64QAM	12	7	19.59	19.46	19.47			
5	64QAM	12	13	19.57	19.45	19.43			
5	64QAM	25	0	19.57	19.45	19.43	21	3	

Reduced Power for EN-DC LTE DSI 2

Band 7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2550	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	12.75	12.78	12.77	14	0	
20	QPSK	1	49	12.86	12.92	12.85			
20	QPSK	1	99	12.79	12.82	12.80			
20	QPSK	50	0	11.89	11.93	11.82	13	1	
20	QPSK	50	24	11.93	11.95	11.88			
20	QPSK	50	50	11.90	11.91	11.86			
20	QPSK	100	0	11.91	11.93	11.86	13	1	
20	16QAM	1	0	12.90	12.91	12.92			
20	16QAM	1	49	12.18	12.18	12.11			
20	16QAM	1	99	12.07	12.07	12.10	12	2	
20	16QAM	50	0	10.90	10.88	10.91			
20	16QAM	50	24	10.93	10.90	10.89			
20	16QAM	50	50	10.87	10.87	10.94	12	2	
20	16QAM	100	0	10.86	10.87	10.86			
20	64QAM	1	0	10.90	10.96	10.90			
20	64QAM	1	49	11.02	11.12	11.00	11	3	
20	64QAM	1	99	10.98	10.93	10.98			
20	64QAM	50	0	9.93	9.91	9.89			
20	64QAM	50	24	9.90	9.89	9.89	11	3	
20	64QAM	50	50	9.87	9.87	9.94			
20	64QAM	100	0	9.87	9.96	9.84			
Channel				20826	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	12.76	12.78	12.74	14	0	
15	QPSK	1	37	12.85	12.88	12.81			
15	QPSK	1	74	12.77	12.85	12.84			
15	QPSK	36	0	11.80	11.85	11.79	13	1	
15	QPSK	36	20	11.86	11.85	11.86			
15	QPSK	36	39	11.83	11.84	11.85			
15	QPSK	75	0	11.87	11.87	11.81	13	1	
15	16QAM	1	0	12.04	12.06	12.04			
15	16QAM	1	37	12.12	12.16	12.11			
15	16QAM	1	74	12.05	12.14	12.13	12	2	
15	16QAM	36	0	10.85	10.84	10.86			
15	16QAM	36	20	10.82	10.91	10.85			
15	16QAM	36	39	10.89	10.90	10.87	12	2	
15	16QAM	75	0	10.86	10.86	10.83			
15	64QAM	1	0	10.96	10.94	10.93			
15	64QAM	1	37	11.01	11.02	10.95	11	3	
15	64QAM	1	74	10.97	10.99	11.00			
15	64QAM	36	0	9.81	9.85	9.83			
15	64QAM	36	20	9.84	9.88	9.87	11	3	
15	64QAM	36	39	9.81	9.88	9.90			
15	64QAM	75	0	9.84	9.82	9.82			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	12.83	12.82	12.77	14	0	
10	QPSK	1	25	12.85	12.88	12.81			
10	QPSK	1	49	12.84	12.87	12.87			
10	QPSK	25	0	11.85	11.87	11.79	13	1	
10	QPSK	25	12	11.82	11.93	11.82			
10	QPSK	25	25	11.86	11.84	11.89			
10	QPSK	50	0	11.88	11.92	11.89	13	1	
10	16QAM	1	0	12.09	12.13	12.03			
10	16QAM	1	25	12.10	12.12	12.09			
10	16QAM	1	49	12.11	12.13	12.17	12	2	
10	16QAM	25	0	10.91	10.91	10.78			
10	16QAM	25	12	10.85	10.90	10.80			
10	16QAM	25	25	10.89	10.95	10.92	12	2	
10	16QAM	50	0	10.87	10.92	10.87			
10	64QAM	1	0	11.00	11.00	10.90			
10	64QAM	1	25	11.03	11.05	10.99	11	3	
10	64QAM	1	49	10.96	11.01	11.02			
10	64QAM	25	0	9.89	9.87	9.82			
10	64QAM	25	12	9.85	9.89	9.90	11	3	
10	64QAM	25	25	9.81	9.83	9.88			
10	64QAM	50	0	9.85	9.90	9.86			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	12.85	12.87	12.80	14	0	
5	QPSK	1	12	12.86	12.90	12.88			
5	QPSK	1	24	12.84	12.91	12.90			
5	QPSK	12	0	11.86	11.92	11.88	13	1	
5	QPSK	12	7	11.86	11.82	11.90			
5	QPSK	12	13	11.85	11.86	11.88			
5	QPSK	25	0	11.89	11.87	11.89	13	1	
5	16QAM	1	0	12.13	12.15	12.07			
5	16QAM	1	12	12.14	12.17	12.12			
5	16QAM	1	24	12.12	12.16	12.14	12	2	
5	16QAM	12	0	10.82	10.85	10.83			
5	16QAM	12	7	10.84	10.86	10.88			
5	16QAM	12	13	10.82	10.86	10.86	12	2	
5	16QAM	25	0	10.88	10.88	10.88			
5	64QAM	1	0	11.01	11.01	10.95			
5	64QAM	1	12	11.03	11.03	11.02	11	3	
5	64QAM	1	24	11.00	11.04	11.00			
5	64QAM	12	0	9.85	9.90	9.86			
5	64QAM	12	7	9.87	9.86	9.90	11	3	
5	64QAM	12	13	9.86	9.89	9.89			
5	64QAM	25	0	9.86	9.86	9.86			

Reduced Power for EN-DC LTE DSI 3

Band 7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2510	2535	2550	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				20850	21100	21350			
20	QPSK	1	0	11.74	11.74	11.73	13	0	
20	QPSK	1	49	11.88	11.90	11.84			
20	QPSK	1	99	11.81	11.81	11.81			
20	QPSK	50	0	10.88	10.91	10.89	12	1	
20	QPSK	50	24	10.92	10.95	10.90			
20	QPSK	50	50	10.90	10.90	10.84			
20	QPSK	100	0	10.89	10.92	10.84	12	1	
20	16QAM	1	0	11.00	11.04	11.00			
20	16QAM	1	49	11.14	11.19	11.11			
20	16QAM	1	99	11.06	11.08	11.10	11	2	
20	16QAM	50	0	9.89	9.90	9.87			
20	16QAM	50	24	9.93	9.91	9.86			
20	16QAM	50	50	9.89	9.86	9.92	11	2	
20	16QAM	100	0	9.84	9.85	9.83			
20	64QAM	1	0	9.90	9.88	9.88			
20	64QAM	1	49	10.00	10.07	9.99	11	2	
20	64QAM	1	99	9.94	9.98	9.97			
20	64QAM	50	0	8.91	8.91	8.86			
20	64QAM	50	24	8.91	8.95	8.85	10	3	
20	64QAM	50	50	8.88	8.87	8.92			
20	64QAM	100	0	8.94	8.93	8.79			
Channel				20925	21100	21275	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	11.75	11.75	11.71	13	0	
15	QPSK	1	37	11.82	11.84	11.80			
15	QPSK	1	74	11.76	11.83	11.79			
15	QPSK	36	0	10.82	10.83	10.81	12	1	
15	QPSK	36	20	10.86	10.84	10.81			
15	QPSK	36	39	10.82	10.81	10.82			
15	QPSK	75	0	10.87	10.86	10.82	12	1	
15	16QAM	1	0	11.04	11.05	11.02			
15	16QAM	1	37	11.09	11.13	11.07			
15	16QAM	1	74	11.02	11.11	11.10	11	2	
15	16QAM	36	0	9.79	9.82	9.78			
15	16QAM	36	20	9.83	9.88	9.81			
15	16QAM	36	39	9.82	9.84	9.83	11	2	
15	16QAM	75	0	9.84	9.84	9.79			
15	64QAM	1	0	9.92	9.92	9.90			
15	64QAM	1	37	9.99	10.02	10.00	11	2	
15	64QAM	1	74	9.92	9.99	9.98			
15	64QAM	36	0	8.80	8.87	8.83			
15	64QAM	36	20	8.85	8.86	8.80	10	3	
15	64QAM	36	39	8.84	8.86	8.86			
15	64QAM	75	0	8.90	8.91	8.78			
Channel				20900	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	11.80	11.77	11.74	13	0	
10	QPSK	1	25	11.82	11.87	11.79			
10	QPSK	1	49	11.81	11.84	11.84			
10	QPSK	25	0	10.88	10.82	10.79	12	1	
10	QPSK	25	12	10.83	10.90	10.81			
10	QPSK	25	25	10.87	10.87	10.83			
10	QPSK	50	0	10.87	10.90	10.85	12	1	
10	16QAM	1	0	11.06	11.09	11.02			
10	16QAM	1	25	11.08	11.12	11.05			
10	16QAM	1	49	11.07	11.11	11.10	11	2	
10	16QAM	25	0	9.84	9.87	9.74			
10	16QAM	25	12	9.80	9.88	9.83			
10	16QAM	25	25	9.87	9.90	9.86	11	2	
10	16QAM	50	0	9.83	9.88	9.84			
10	64QAM	1	0	9.94	9.99	9.99			
10	64QAM	1	25	9.98	10.04	9.94	11	2	
10	64QAM	1	49	9.97	9.98	9.98			
10	64QAM	25	0	8.84	8.84	8.74			
10	64QAM	25	12	8.81	8.87	8.77	10	3	
10	64QAM	25	25	8.86	8.91	8.84			
10	64QAM	50	0	8.92	8.96	8.81			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	11.83	11.84	11.77	13	0	
5	QPSK	1	12	11.83	11.88	11.84			
5	QPSK	1	24	11.81	11.87	11.88			
5	QPSK	12	0	10.81	10.90	10.82	12	1	
5	QPSK	12	7	10.83	10.82	10.84			
5	QPSK	12	13	10.81	10.81	10.87			
5	QPSK	25	0	10.84	10.83	10.86	12	1	
5	16QAM	1	0	11.11	11.08	11.03			
5	16QAM	1	12	11.09	11.11	11.06			
5	16QAM	1	24	11.08	11.12	11.07	11	2	
5	16QAM	12	0	9.83	9.87	9.79			
5	16QAM	12	7	9.79	9.82	9.85			
5	16QAM	12	13	9.82	9.82	9.83	11	2	
5	16QAM	25	0	9.84	9.84	9.85			
5	64QAM	1	0	9.99	9.98	9.92			
5	64QAM	1	12	9.98	10.00	10.01	11	2	
5	64QAM	1	24	9.96	9.99	9.97			
5	64QAM	12	0	8.85	8.86	8.83			
5	64QAM	12	7	8.86	8.85	8.87	10	3	
5	64QAM	12	13	8.85	8.84	8.85			
5	64QAM	25	0	8.84	8.83	8.83			

Reduced Power for EN-DC LTE DSI 4

Band 7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20850	21100	21350			
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	21.30	21.29	21.28	22.5	0	
20	QPSK	1	49	21.41	21.45	21.39			
20	QPSK	1	99	21.33	21.38	21.35			
20	QPSK	50	0	20.41	20.42	20.33	21.5	1	
20	QPSK	50	24	20.42	20.44	20.39			
20	QPSK	50	50	20.37	20.39	20.36			
20	QPSK	100	0	20.39	20.42	20.36	21.5	1	
20	16QAM	1	0	20.47	20.51	20.43			
20	16QAM	1	49	20.59	20.63	20.56			
20	16QAM	1	99	20.54	20.51	20.55	20.5	2	
20	16QAM	50	0	19.43	19.42	19.42			
20	16QAM	50	24	19.40	19.46	19.37			
20	16QAM	50	50	19.42	19.40	19.42	20.5	2	
20	16QAM	100	0	19.36	19.37	19.35			
20	64QAM	1	0	19.38	19.44	19.36			
20	64QAM	1	49	19.49	19.53	19.51	20.5	2	
20	64QAM	1	99	19.46	19.42	19.43			
20	64QAM	50	0	18.41	18.43	18.37			
20	64QAM	50	24	18.42	18.43	18.35	19.5	3	
20	64QAM	50	50	18.37	18.40	18.35			
20	64QAM	100	0	18.38	18.37	18.33			
Channel				20805	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	21.29	21.26	21.25	22.5	0	
15	QPSK	1	37	21.36	21.37	21.33			
15	QPSK	1	74	21.27	21.37	21.34			
15	QPSK	36	0	20.30	20.35	20.28	21.5	1	
15	QPSK	36	20	20.32	20.35	20.34			
15	QPSK	36	39	20.30	20.35	20.33			
15	QPSK	75	0	20.34	20.34	20.31	21.5	1	
15	16QAM	1	0	20.45	20.51	20.44			
15	16QAM	1	37	20.52	20.58	20.52			
15	16QAM	1	74	20.47	20.52	20.53	20.5	2	
15	16QAM	36	0	19.32	19.32	19.31			
15	16QAM	36	20	19.35	19.37	19.32			
15	16QAM	36	39	19.34	19.37	19.31	20.5	2	
15	16QAM	75	0	19.34	19.31	19.30			
15	64QAM	1	0	19.37	19.42	19.33			
15	64QAM	1	37	19.48	19.47	19.46	20.5	2	
15	64QAM	1	74	19.35	19.44	19.49			
15	64QAM	36	0	18.34	18.33	18.34			
15	64QAM	36	20	18.38	18.38	18.33	19.5	3	
15	64QAM	36	39	18.34	18.35	18.33			
15	64QAM	75	0	18.30	18.30	18.29			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	21.34	21.33	21.28	22.5	0	
10	QPSK	1	25	21.37	21.40	21.33			
10	QPSK	1	49	21.34	21.39	21.40			
10	QPSK	25	0	20.35	20.37	20.26	21.5	1	
10	QPSK	25	12	20.31	20.39	20.30			
10	QPSK	25	25	20.36	20.39	20.30			
10	QPSK	50	0	20.35	20.39	20.37	21.5	1	
10	16QAM	1	0	20.52	20.54	20.45			
10	16QAM	1	25	20.53	20.55	20.52			
10	16QAM	1	49	20.50	20.53	20.54	20.5	2	
10	16QAM	25	0	19.37	19.37	19.27			
10	16QAM	25	12	19.34	19.40	19.30			
10	16QAM	25	25	19.34	19.43	19.35	20.5	2	
10	16QAM	50	0	19.33	19.40	19.34			
10	64QAM	1	0	19.41	19.41	19.40			
10	64QAM	1	25	19.43	19.44	19.42	20.5	2	
10	64QAM	1	49	19.40	19.50	19.46			
10	64QAM	25	0	18.37	18.34	18.26			
10	64QAM	25	12	18.35	18.36	18.30	19.5	3	
10	64QAM	25	25	18.36	18.40	18.34			
10	64QAM	50	0	18.33	18.37	18.33			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	21.38	21.38	21.30	22.5	0	
5	QPSK	1	12	21.39	21.42	21.38			
5	QPSK	1	24	21.38	21.42	21.41			
5	QPSK	12	0	20.32	20.39	20.35	21.5	1	
5	QPSK	12	7	20.35	20.36	20.35			
5	QPSK	12	13	20.33	20.36	20.36			
5	QPSK	25	0	20.36	20.36	20.35	21.5	1	
5	16QAM	1	0	20.53	20.52	20.48			
5	16QAM	1	12	20.54	20.56	20.54			
5	16QAM	1	24	20.48	20.57	20.55	20.5	2	
5	16QAM	12	0	19.32	19.39	19.35			
5	16QAM	12	7	19.31	19.34	19.34			
5	16QAM	12	13	19.32	19.33	19.32	20.5	2	
5	16QAM	25	0	19.35	19.35	19.37			
5	64QAM	1	0	19.48	19.47	19.42			
5	64QAM	1	12	19.48	19.51	19.47	20.5	2	
5	64QAM	1	24	19.43	19.47	19.46			
5	64QAM	12	0	18.32	18.40	18.36			
5	64QAM	12	7	18.32	18.35	18.38	19.5	3	
5	64QAM	12	13	18.35	18.34	18.35			
5	64QAM	25	0	18.33	18.32	18.34			

Band 7_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dbm)	MPR (db)	
Channel				2510	2535	2560			
Frequency (MHz)									
20	QPSK	1	0	17.76	17.83	17.73	19	0	
20	QPSK	1	49	17.86	17.97	17.84			
20	QPSK	1	99	17.73	17.82	17.79			
20	QPSK	50	0	16.86	16.99	16.84	18	1	
20	QPSK	50	24	16.91	17.01	16.86			
20	QPSK	50	50	16.86	16.94	16.80			
20	QPSK	100	0	16.89	16.98	16.82	18	1	
20	16QAM	1	0	17.02	17.08	16.99			
20	16QAM	1	49	17.13	17.21	17.09			
20	16QAM	1	99	17.00	17.04	17.03	17	2	
20	16QAM	50	0	15.94	15.97	15.84			
20	16QAM	50	24	15.91	15.98	15.87			
20	16QAM	50	50	15.84	15.90	15.87	17	2	
20	16QAM	100	0	15.84	15.91	15.82			
20	64QAM	1	0	15.96	15.96	15.82			
20	64QAM	1	49	16.00	16.09	16.01	17	2	
20	64QAM	1	99	15.91	15.97	15.90			
20	64QAM	50	0	14.95	14.93	14.82			
20	64QAM	50	24	14.92	14.95	14.83	16	3	
20	64QAM	50	50	14.87	14.87	14.85			
20	64QAM	100	0	14.87	14.91	14.80			
Channel				20805	21100	21375	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.83	17.84	17.73	19	0	
15	QPSK	1	37	17.90	17.91	17.79			
15	QPSK	1	74	17.79	17.87	17.82			
15	QPSK	36	0	16.87	16.88	16.77	18	1	
15	QPSK	36	20	16.89	16.89	16.83			
15	QPSK	36	39	16.87	16.86	16.79			
15	QPSK	75	0	16.92	16.93	16.79	18	1	
15	16QAM	1	0	17.09	17.07	16.99			
15	16QAM	1	37	17.11	17.13	17.02			
15	16QAM	1	74	17.02	17.09	17.06	18	1	
15	16QAM	36	0	15.88	15.93	15.76			
15	16QAM	36	20	15.87	15.88	15.82			
15	16QAM	36	39	15.86	15.86	15.82	17	2	
15	16QAM	75	0	15.88	15.85	15.78			
15	64QAM	1	0	15.99	15.99	15.90			
15	64QAM	1	37	16.02	16.07	15.99	17	2	
15	64QAM	1	74	15.92	15.96	15.94			
15	64QAM	36	0	14.93	14.90	14.79			
15	64QAM	36	20	14.91	14.92	14.81	16	3	
15	64QAM	36	39	14.90	14.90	14.76			
15	64QAM	75	0	14.86	14.83	14.74			
Channel				20800	21100	21425	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2509	2535	2565			
10	QPSK	1	0	17.88	17.87	17.73	19	0	
10	QPSK	1	25	17.89	17.93	17.78			
10	QPSK	1	49	17.85	17.89	17.83			
10	QPSK	25	0	16.95	16.93	16.77	18	1	
10	QPSK	25	12	16.88	16.91	16.77			
10	QPSK	25	25	16.92	16.93	16.83			
10	QPSK	50	0	16.92	16.93	16.83	18	1	
10	16QAM	1	0	17.13	17.10	17.09			
10	16QAM	1	25	17.11	17.14	17.06			
10	16QAM	1	49	17.12	17.11	17.07	17	2	
10	16QAM	25	0	15.94	15.91	15.73			
10	16QAM	25	12	15.86	15.93	15.80			
10	16QAM	25	25	15.91	15.92	15.79	17	2	
10	16QAM	50	0	15.90	15.92	15.81			
10	64QAM	1	0	16.05	15.99	15.86			
10	64QAM	1	25	15.99	16.05	15.96	17	2	
10	64QAM	1	49	15.97	15.98	15.95			
10	64QAM	25	0	14.93	14.93	14.72			
10	64QAM	25	12	14.86	14.96	14.75	16	3	
10	64QAM	25	25	14.86	14.93	14.81			
10	64QAM	50	0	14.87	14.91	14.82			
Channel				20775	21100	21425	Tune-up limit (dbm)	MPR (db)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.93	17.90	17.77	19	0	
5	QPSK	1	12	17.93	17.92	17.84			
5	QPSK	1	24	17.90	17.92	17.87			
5	QPSK	12	0	16.89	16.93	16.82	18	1	
5	QPSK	12	13	16.91	16.97	16.85			
5	QPSK	12	13	16.90	16.85	16.84			
5	QPSK	25	0	16.91	16.87	16.84	18	1	
5	16QAM	1	0	17.16	17.15	17.03			
5	16QAM	1	12	17.13	17.16	17.09			
5	16QAM	1	24	17.10	17.15	17.12	17	2	
5	16QAM	12	0	15.89	15.90	15.78			
5	16QAM	12	13	15.91	15.96	15.80			
5	16QAM	12	13	15.88	15.96	15.78	17	2	
5	16QAM	25	0	15.90	15.88	15.83			
5	64QAM	1	0	16.08	16.02	15.88			
5	64QAM	1	12	16.09	16.07	15.97	17	2	
5	64QAM	1	24	16.00	16.01	15.95			
5	64QAM	12	0	14.90	14.96	14.82			
5	64QAM	12	7	14.91	14.92	14.85	16	3	
5	64QAM	12	13	14.88	14.90	14.83			
5	64QAM	25	0	14.90	14.87	14.81			

Reduced Power for EN-DC LTE DSI 5

Band 7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)									
20	QPSK	1	0	16.22	16.25	16.25	17.5	0	
20	QPSK	1	49	16.37	16.44	16.33			
20	QPSK	1	99	16.28	16.31	16.31			
20	QPSK	50	0	15.40	15.41	15.39	16.5	1	
20	QPSK	50	24	15.42	15.44	15.41			
20	QPSK	50	50	15.41	15.40	15.37			
20	QPSK	100	0	15.38	15.41	15.35	16.5	1	
20	16QAM	1	0	15.49	15.51	15.48			
20	16QAM	1	49	15.64	15.68	15.59			
20	16QAM	1	99	15.54	15.56	15.55	15.5	2	
20	16QAM	50	0	14.39	14.40	14.41			
20	16QAM	50	24	14.42	14.49	14.44			
20	16QAM	50	50	14.41	14.40	14.45	15.5	2	
20	16QAM	100	0	14.40	14.42	14.37			
20	64QAM	1	0	14.41	14.44	14.38			
20	64QAM	1	49	14.56	14.60	14.49	15.5	2	
20	64QAM	1	99	14.51	14.52	14.43			
20	64QAM	50	0	13.43	13.41	13.40			
20	64QAM	50	24	13.44	13.42	13.39	14.5	3	
20	64QAM	50	50	13.40	13.40	13.47			
20	64QAM	100	0	13.39	13.40	13.35			
Channel									
Frequency (MHz)									
15	QPSK	1	0	16.25	16.26	16.23	17.5	0	
15	QPSK	1	37	16.33	16.36	16.31			
15	QPSK	1	74	16.26	16.34	16.31			
15	QPSK	36	0	15.32	15.35	15.30	16.5	1	
15	QPSK	36	20	15.32	15.38	15.31			
15	QPSK	36	39	15.34	15.32	15.31			
15	QPSK	75	0	15.34	15.34	15.32	16.5	1	
15	16QAM	1	0	15.53	15.55	15.49			
15	16QAM	1	37	15.59	15.60	15.58			
15	16QAM	1	74	15.54	15.60	15.57	15.5	2	
15	16QAM	36	0	14.34	14.37	14.35			
15	16QAM	36	20	14.36	14.39	14.35			
15	16QAM	36	39	14.38	14.36	14.39	15.5	2	
15	16QAM	75	0	14.35	14.34	14.33			
15	64QAM	1	0	14.46	14.47	14.44			
15	64QAM	1	37	14.53	14.57	14.47	15.5	2	
15	64QAM	1	74	14.47	14.52	14.50			
15	64QAM	36	0	13.33	13.38	13.37			
15	64QAM	36	20	13.43	13.40	13.35	14.5	3	
15	64QAM	36	39	13.41	13.36	13.41			
15	64QAM	75	0	13.35	13.33	13.32			
Channel									
Frequency (MHz)									
10	QPSK	1	0	16.30	16.32	16.25	17.5	0	
10	QPSK	1	25	16.34	16.36	16.31			
10	QPSK	1	49	16.32	16.34	16.34			
10	QPSK	25	0	15.37	15.34	15.25	16.5	1	
10	QPSK	25	12	15.33	15.38	15.30			
10	QPSK	25	25	15.35	15.42	15.35			
10	QPSK	50	0	15.35	15.42	15.35	16.5	1	
10	16QAM	1	0	15.56	15.56	15.51			
10	16QAM	1	25	15.57	15.62	15.56			
10	16QAM	1	49	15.58	15.62	15.60	15.5	2	
10	16QAM	25	0	14.42	14.38	14.28			
10	16QAM	25	12	14.39	14.42	14.32			
10	16QAM	25	25	14.42	14.43	14.35	15.5	2	
10	16QAM	50	0	14.37	14.43	14.38			
10	64QAM	1	0	14.49	14.45	14.45			
10	64QAM	1	25	14.50	14.56	14.48	15.5	2	
10	64QAM	1	49	14.50	14.56	14.49			
10	64QAM	25	0	13.38	13.36	13.30			
10	64QAM	25	12	13.36	13.40	13.35	14.5	3	
10	64QAM	25	25	13.38	13.45	13.40			
10	64QAM	50	0	13.36	13.41	13.37			
Channel									
Frequency (MHz)									
5	QPSK	1	0	16.35	16.36	16.28	17.5	0	
5	QPSK	1	12	16.33	16.36	16.36			
5	QPSK	1	24	16.32	16.37	16.37			
5	QPSK	12	0	15.32	15.36	15.34	16.5	1	
5	QPSK	12	7	15.33	15.33	15.35			
5	QPSK	12	13	15.33	15.38	15.36			
5	QPSK	25	0	15.34	15.35	15.35	16.5	1	
5	16QAM	1	0	15.59	15.59	15.51			
5	16QAM	1	12	15.58	15.65	15.57			
5	16QAM	1	24	15.57	15.59	15.60	15.5	2	
5	16QAM	12	0	14.34	14.40	14.36			
5	16QAM	12	7	14.37	14.35	14.32			
5	16QAM	12	13	14.38	14.35	14.34	15.5	2	
5	16QAM	25	0	14.38	14.39	14.34			
5	64QAM	1	0	14.51	14.50	14.46			
5	64QAM	1	12	14.50	14.53	14.50	15.5	2	
5	64QAM	1	24	14.49	14.55	14.47			
5	64QAM	12	0	13.35	13.44	13.38			
5	64QAM	12	7	13.38	13.39	13.40	14.5	3	
5	64QAM	12	13	13.36	13.41	13.45			
5	64QAM	25	0	13.39	13.37	13.42			

Band 7_Ant 31									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dBm)	MPR (dB)	
Channel									
Frequency (MHz)				2510	2535	2560			
20	QPSK	1	0	17.76	17.83	17.73	19	0	
20	QPSK	1	49	17.86	17.97	17.84			
20	QPSK	1	99	17.73	17.82	17.79			
20	QPSK	50	0	16.86	16.99	16.84	18	1	
20	QPSK	50	24	16.91	17.01	16.86			
20	QPSK	50	50	16.86	16.94	16.80			
20	QPSK	100	0	16.89	16.98	16.82	18	1	
20	16QAM	1	0	17.02	17.08	16.99			
20	16QAM	1	49	17.13	17.21	17.09			
20	16QAM	1	99	17.00	17.04	17.03	17	2	
20	16QAM	50	0	15.94	15.97	15.84			
20	16QAM	50	24	15.91	15.98	15.87			
20	16QAM	50	50	15.84	15.90	15.87	17	2	
20	16QAM	100	0	15.84	15.91	15.82			
20	64QAM	1	0	15.96	15.96	15.82			
20	64QAM	1	49	16.00	16.09	16.01	17	2	
20	64QAM	1	99	15.91	15.97	15.90			
20	64QAM	50	0	14.95	14.93	14.82			
20	64QAM	50	24	14.92	14.95	14.83	16	3	
20	64QAM	50	50	14.87	14.87	14.85			
20	64QAM	100	0	14.85	14.91	14.80			
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2507.5	2535	2562.5			
15	QPSK	1	0	17.83	17.84	17.73	19	0	
15	QPSK	1	37	17.90	17.91	17.79			
15	QPSK	1	74	17.79	17.87	17.82			
15	QPSK	36	0	16.87	16.88	16.77	18	1	
15	QPSK	36	20	16.89	16.89	16.83			
15	QPSK	36	39	16.87	16.86	16.79			
15	QPSK	75	0	16.90	16.87	16.75	18	1	
15	16QAM	1	0	17.09	17.07	16.99			
15	16QAM	1	37	17.11	17.13	17.02			
15	16QAM	1	74	17.02	17.09	17.06	17	2	
15	16QAM	36	0	15.88	15.93	15.76			
15	16QAM	36	20	15.87	15.88	15.80			
15	16QAM	36	39	15.88	15.87	15.82	17	2	
15	16QAM	75	0	15.80	15.85	15.78			
15	64QAM	1	0	15.99	15.99	15.90			
15	64QAM	1	37	16.02	16.07	15.99	17	2	
15	64QAM	1	74	15.92	15.96	15.95			
15	64QAM	36	0	14.93	14.90	14.79			
15	64QAM	36	20	14.91	14.92	14.81	16	3	
15	64QAM	36	39	14.93	14.92	14.84			
15	64QAM	75	0	14.86	14.83	14.74			
Channel				20800	21100	21400	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2505	2535	2565			
10	QPSK	1	0	17.88	17.87	17.73	19	0	
10	QPSK	1	25	17.89	17.93	17.76			
10	QPSK	1	49	17.85	17.89	17.83			
10	QPSK	25	0	16.95	16.93	16.77	18	1	
10	QPSK	25	12	16.96	16.91	16.77			
10	QPSK	25	25	16.92	16.91	16.81			
10	QPSK	50	0	16.92	16.93	16.83	18	1	
10	16QAM	1	0	17.13	17.10	16.99			
10	16QAM	1	25	17.11	17.14	17.06			
10	16QAM	1	49	17.12	17.11	17.07	17	2	
10	16QAM	25	0	15.94	15.91	15.73			
10	16QAM	25	12	15.96	15.93	15.80			
10	16QAM	25	25	15.92	15.92	15.79	17	2	
10	16QAM	50	0	15.90	15.92	15.81			
10	64QAM	1	0	16.05	15.99	15.86			
10	64QAM	1	25	15.99	16.05	15.96	17	2	
10	64QAM	1	49	15.97	15.98	15.95			
10	64QAM	25	0	14.93	14.93	14.72			
10	64QAM	25	12	14.96	14.93	14.75	16	3	
10	64QAM	25	25	14.86	14.92	14.81			
10	64QAM	50	0	14.87	14.91	14.82			
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2502.5	2535	2567.5			
5	QPSK	1	0	17.93	17.90	17.77	19	0	
5	QPSK	1	12	17.93	17.92	17.84			
5	QPSK	1	24	17.90	17.92	17.87			
5	QPSK	12	0	16.99	16.98	16.82	18	1	
5	QPSK	12	7	16.97	16.97	16.85			
5	QPSK	12	13	16.90	16.85	16.84			
5	QPSK	25	0	16.91	16.87	16.84	18	1	
5	16QAM	1	0	17.16	17.15	17.03			
5	16QAM	1	12	17.13	17.16	17.09			
5	16QAM	1	24	17.10	17.15	17.12	17	2	
5	16QAM	12	0	15.99	15.99	15.86			
5	16QAM	12	7	15.90	15.96	15.80			
5	16QAM	12	13	15.88	15.86	15.78	17	2	
5	16QAM	25	0	15.90	15.88	15.83			
5	64QAM	1	0	16.08	16.02	15.98			
5	64QAM	1	12	16.09	16.07	15.97	17	2	
5	64QAM	1	24	16.00	16.01	15.95			
5	64QAM	12	0	14.90	14.96	14.86			
5	64QAM	12	7	14.91	14.90	14.85	16	3	
5	64QAM	12	13	14.88	14.90	14.83			
5	64QAM	25	0	14.90	14.87	14.81			

Reduced Power for EN-DC LTE DSI 8&9&10

Band 7_Ant 13											
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dBm)	MPR (dB)			
Channel											
Frequency (MHz)							2510	2535	2560		
20	QPSK	1	0	14.76	14.77	14.76	16	0			
20	QPSK	1	49	14.91	14.97	14.86					
20	QPSK	1	99	14.82	14.84	14.81					
20	QPSK	50	0	13.96	13.97	13.93	15	1			
20	QPSK	50	24	13.97	14.00	13.95					
20	QPSK	50	50	13.92	13.97	13.90					
20	QPSK	100	0	13.95	13.96	13.91	15	1			
20	16QAM	1	0	14.08	14.11	14.08					
20	16QAM	1	49	14.20	14.25	14.14					
20	16QAM	1	99	14.13	14.13	14.11	14	2			
20	16QAM	50	0	12.95	12.94	12.94					
20	16QAM	50	24	13.00	13.02	12.94					
20	16QAM	50	50	12.94	12.97	12.97	14	2			
20	16QAM	100	0	12.96	12.96	12.90					
20	64QAM	1	0	12.94	13.00	12.97					
20	64QAM	1	49	13.14	13.09	13.00	13	3			
20	64QAM	1	99	12.99	12.97	13.05					
20	64QAM	50	0	11.94	11.93	11.92					
20	64QAM	50	24	11.98	11.96	11.95	13	3			
20	64QAM	50	50	11.94	11.97	11.96					
20	64QAM	100	0	11.94	11.93	11.99					
Channel							20825	21100	21375	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							2507.5	2535	2562.5		
15	QPSK	1	0	14.76	14.75	14.73	16	0			
15	QPSK	1	37	14.85	14.88	14.82					
15	QPSK	1	74	14.76	14.85	14.82					
15	QPSK	36	0	13.85	13.87	13.89	15	1			
15	QPSK	36	20	13.90	13.95	13.86					
15	QPSK	36	39	13.89	13.92	13.90					
15	QPSK	75	0	13.91	13.91	13.86	15	1			
15	16QAM	1	0	14.08	14.08	14.06					
15	16QAM	1	37	14.15	14.17	14.13					
15	16QAM	1	74	14.09	14.15	14.16	14	2			
15	16QAM	36	0	12.88	12.89	12.86					
15	16QAM	36	20	12.91	12.91	12.86					
15	16QAM	36	39	12.88	12.89	12.94	14	2			
15	16QAM	75	0	12.86	12.87	12.87					
15	64QAM	1	0	13.02	13.00	12.97					
15	64QAM	1	37	13.07	13.07	13.02	14	2			
15	64QAM	1	74	13.00	13.09	13.02					
15	64QAM	36	0	11.87	11.88	11.89					
15	64QAM	36	20	11.92	11.92	11.90	13	3			
15	64QAM	36	39	11.91	11.89	11.91					
15	64QAM	75	0	11.86	11.87	11.85					
Channel							20800	21100	21400	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							2505	2535	2565		
10	QPSK	1	0	14.80	14.80	14.75	16	0			
10	QPSK	1	25	14.84	14.89	14.82					
10	QPSK	1	49	14.83	14.85	14.86					
10	QPSK	25	0	13.92	13.93	13.79	15	1			
10	QPSK	25	12	13.92	13.91	13.86					
10	QPSK	25	25	13.86	13.90	13.90					
10	QPSK	50	0	13.93	13.93	13.91	15	1			
10	16QAM	1	0	14.12	14.11	14.08					
10	16QAM	1	25	14.14	14.15	14.12					
10	16QAM	1	49	14.15	14.16	14.17	14	2			
10	16QAM	25	0	12.92	12.89	12.80					
10	16QAM	25	12	12.90	12.90	12.85					
10	16QAM	25	25	12.95	12.94	12.89	14	2			
10	16QAM	50	0	12.89	12.93	12.88					
10	64QAM	1	0	13.00	13.02	12.93					
10	64QAM	1	25	13.00	13.07	13.00	14	2			
10	64QAM	1	49	13.03	13.06	13.07					
10	64QAM	25	0	11.91	11.92	11.80					
10	64QAM	25	12	11.89	11.91	11.84	13	3			
10	64QAM	25	25	11.91	11.94	11.89					
10	64QAM	50	0	11.89	11.93	11.90					
Channel							20775	21100	21425	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)							2502.5	2535	2567.5		
5	QPSK	1	0	14.86	14.86	14.78	16	0			
5	QPSK	1	12	14.86	14.88	14.85					
5	QPSK	1	24	14.85	14.88	14.89					
5	QPSK	12	0	13.85	13.94	13.88	15	1			
5	QPSK	12	7	13.86	13.87	13.89					
5	QPSK	12	13	13.86	13.89	13.89					
5	QPSK	25	0	13.92	13.91	13.90	15	1			
5	16QAM	1	0	14.14	14.15	14.09					
5	16QAM	1	12	14.13	14.16	14.14					
5	16QAM	1	24	14.12	14.16	14.15	14	2			
5	16QAM	12	0	12.87	12.92	12.84					
5	16QAM	12	7	12.89	12.89	12.86					
5	16QAM	12	13	12.88	12.87	12.92	14	2			
5	16QAM	25	0	12.90	12.88	12.92					
5	64QAM	1	0	13.03	13.04	12.96					
5	64QAM	1	12	13.01	13.08	13.07	14	2			
5	64QAM	1	24	13.02	13.05	13.05					
5	64QAM	12	0	11.88	11.93	11.92					
5	64QAM	12	7	11.92	11.92	11.90	13	3			
5	64QAM	12	13	11.86	11.91	11.92					
5	64QAM	25	0	11.90	11.90	11.90					

Band 7_Ant 31										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq. 20850	Power Middle Ch. / Freq. 21100	Power High Ch. / Freq. 21350	Tune-up limit (dBm)	MPR (dB)		
Channel				2510	2535	2560				
Frequency (MHz)										
20	QPSK	1	0	16.36	16.35	16.37	17.5	0		
20	QPSK	1	49	16.44	16.49	16.36				
20	QPSK	1	99	16.33	16.35	16.30				
20	QPSK	50	0	15.42	15.51	15.40	16.5	1		
20	QPSK	50	24	15.49	15.53	15.41				
20	QPSK	50	50	15.47	15.44	15.34				
20	QPSK	100	0	15.46	15.50	15.36	16.5	1		
20	16QAM	1	0	15.61	15.59	15.51				
20	16QAM	1	49	15.69	15.72	15.60				
20	16QAM	1	99	15.62	15.57	15.58	15.5	2		
20	16QAM	50	0	14.54	14.50	14.40				
20	16QAM	50	24	14.50	14.52	14.41				
20	16QAM	50	50	14.49	14.47	14.42	14.5	3		
20	16QAM	100	0	14.46	14.46	14.40				
20	64QAM	1	0	14.52	14.55	14.46				
20	64QAM	1	49	14.65	14.65	14.53	15.5	2		
20	64QAM	1	99	14.52	14.54	14.44				
20	64QAM	50	0	13.56	13.54	13.41				
20	64QAM	50	24	13.50	13.49	13.42	14.5	3		
20	64QAM	50	50	13.44	13.44	13.43				
20	64QAM	100	0	13.45	13.46	13.37				
Channel				20825	21100	21375	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2507.5	2535	2562.5				
15	QPSK	1	0	16.37	16.36	16.25	17.5	0		
15	QPSK	1	37	16.42	16.42	16.32				
15	QPSK	1	74	16.31	16.38	16.34				
15	QPSK	36	0	15.39	15.43	15.31	16.5	1		
15	QPSK	36	20	15.41	15.42	15.33				
15	QPSK	36	39	15.39	15.40	15.32				
15	QPSK	75	0	15.43	15.42	15.32	15.5	2		
15	16QAM	1	0	15.62	15.62	15.53				
15	16QAM	1	37	15.67	15.65	15.56				
15	16QAM	1	74	15.59	15.64	15.57	14.5	3		
15	16QAM	36	0	14.45	14.44	14.37				
15	16QAM	36	20	14.49	14.45	14.36				
15	16QAM	36	39	14.46	14.46	14.36	15.5	2		
15	16QAM	75	0	14.42	14.43	14.33				
15	64QAM	1	0	14.54	14.52	14.44				
15	64QAM	1	37	14.59	14.62	14.51	15.5	2		
15	64QAM	1	74	14.52	14.56	14.48				
15	64QAM	36	0	13.45	13.47	13.38				
15	64QAM	36	20	13.46	13.47	13.37	14.5	3		
15	64QAM	36	39	13.46	13.46	13.37				
15	64QAM	75	0	13.44	13.44	13.33				
Channel				20800	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2505	2535	2565				
10	QPSK	1	0	16.37	16.37	16.26	17.5	0		
10	QPSK	1	25	16.38	16.43	16.29				
10	QPSK	1	49	16.33	16.42	16.35				
10	QPSK	25	0	15.44	15.46	15.27	16.5	1		
10	QPSK	25	12	15.36	15.47	15.33				
10	QPSK	25	25	15.35	15.43	15.38				
10	QPSK	50	0	15.41	15.46	15.37	16.5	1		
10	16QAM	1	0	15.63	15.65	15.53				
10	16QAM	1	25	15.61	15.68	15.56				
10	16QAM	1	49	15.60	15.66	15.59	15.5	2		
10	16QAM	25	0	14.46	14.45	14.32				
10	16QAM	25	12	14.41	14.47	14.30				
10	16QAM	25	25	14.40	14.48	14.37	14.5	3		
10	16QAM	50	0	14.41	14.50	14.40				
10	64QAM	1	0	14.54	14.56	14.45				
10	64QAM	1	25	14.54	14.58	14.48	15.5	2		
10	64QAM	1	49	14.53	14.61	14.50				
10	64QAM	25	0	13.43	13.44	13.29				
10	64QAM	25	12	13.40	13.46	13.38	14.5	3		
10	64QAM	25	25	13.40	13.43	13.41				
10	64QAM	50	0	13.41	13.51	13.38				
Channel				20775	21100	21425	Tune-up limit (dBm)	MPR (dB)		
Frequency (MHz)				2502.5	2535	2567.5				
5	QPSK	1	0	16.43	16.41	16.30	17.5	0		
5	QPSK	1	12	16.41	16.43	16.38				
5	QPSK	1	24	16.38	16.44	16.30				
5	QPSK	12	0	15.38	15.47	15.34	16.5	1		
5	QPSK	12	7	15.40	15.43	15.38				
5	QPSK	12	13	15.36	15.42	15.35				
5	QPSK	25	0	15.39	15.42	15.36	16.5	1		
5	16QAM	1	0	15.68	15.67	15.54				
5	16QAM	1	12	15.65	15.69	15.60				
5	16QAM	1	24	15.64	15.66	15.51	15.5	2		
5	16QAM	12	0	14.41	14.47	14.34				
5	16QAM	12	7	14.41	14.43	14.30				
5	16QAM	12	13	14.40	14.39	14.35	14.5	3		
5	16QAM	25	0	14.43	14.46	14.36				
5	64QAM	1	0	14.57	14.58	14.47				
5	64QAM	1	12	14.59	14.63	14.50	15.5	2		
5	64QAM	1	24	14.53	14.60	14.49				
5	64QAM	12	0	13.41	13.49	13.38				
5	64QAM	12	7	13.42	13.43	13.40	14.5	3		
5	64QAM	12	13	13.42	13.42	13.40				
5	64QAM	25	0	13.44	13.44	13.39				

UL CA Power

Ant 13											
CA_7C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full	22.91	24.00
21100	20902	QPSK	1	49	0	0	1	0	Full	22.95	24.00
21350	21152	QPSK	1	49	0	0	1	0	Full	22.88	24.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 2/3	14.84	16.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 2/3	14.94	16.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 2/3	14.89	16.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 4	21.95	23.00
21100	20902	QPSK	50	24	0	0	1	0	DSI 4	22.04	23.00
21350	21152	QPSK	50	24	0	0	1	0	DSI 4	21.92	23.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 5	18.37	19.50
21100	20902	QPSK	50	24	0	0	1	0	DSI 5	18.52	19.50
21350	21152	QPSK	50	24	0	0	1	0	DSI 5	18.48	19.50
20850	21048	QPSK	50	24	0	0	1	0	DSI 8/9/10	17.42	18.50
21100	20902	QPSK	50	24	0	0	1	0	DSI 8/9/10	17.50	18.50
21350	21152	QPSK	50	24	0	0	1	0	DSI 8/9/10	17.47	18.50

Ant 31											
CA_7C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
20850	21048	QPSK	1	49	0	0	1	0	Full	22.79	24.00
21100	20902	QPSK	1	49	0	0	1	0	Full	22.81	24.00
21350	21152	QPSK	1	49	0	0	1	0	Full	22.73	24.00
20850	21048	QPSK	1	49	0	0	1	0	DSI 4/5	19.84	21.00
21100	20902	QPSK	1	49	0	0	1	0	DSI 4/5	19.91	21.00
21350	21152	QPSK	1	49	0	0	1	0	DSI 4/5	19.84	21.00
20850	21048	QPSK	50	24	0	0	1	0	DSI 8/9/10	18.19	19.50
21100	20902	QPSK	50	24	0	0	1	0	DSI 8/9/10	18.43	19.50
21350	21152	QPSK	50	24	0	0	1	0	DSI 8/9/10	18.38	19.50

Ant 13											
CA_38C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Full	23.16	24.50
37901	38099	QPSK	1	49	0	0	1	0	Full	23.14	24.50
38150	37952	QPSK	1	49	0	0	1	0	Full	23.15	24.50
37850	38048	QPSK	50	24	0	0	1	0	DSI 2/3	17.25	18.50
37901	38099	QPSK	50	24	0	0	1	0	DSI 2/3	17.21	18.50
38150	37952	QPSK	50	24	0	0	1	0	DSI 2/3	17.18	18.50
37850	38048	QPSK	1	49	0	0	1	0	DSI 5	20.73	22.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 5	20.61	22.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 5	20.65	22.00
37850	38048	QPSK	1	49	0	0	1	0	DSI 8/9/10	19.78	21.00
37901	38099	QPSK	1	49	0	0	1	0	DSI 8/9/10	19.56	21.00
38150	37952	QPSK	1	49	0	0	1	0	DSI 8/9/10	19.69	21.00

Ant 31											
CA_38C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
37850	38048	QPSK	1	49	0	0	1	0	Full	23.21	24.50
37901	38099	QPSK	1	49	0	0	1	0	Full	23.13	24.50
38150	37952	QPSK	1	49	0	0	1	0	Full	23.05	24.50
37850	38048	QPSK	50	24	0	0	1	0	DSI 4/5	22.13	23.50
37901	38099	QPSK	50	24	0	0	1	0	DSI 4/5	22.08	23.50
38150	37952	QPSK	50	24	0	0	1	0	DSI 4/5	22.00	23.50
37850	38048	QPSK	50	24	0	0	1	0	DSI 8/9/10	21.11	22.50
37901	38099	QPSK	50	24	0	0	1	0	DSI 8/9/10	21.07	22.50
38150	37952	QPSK	50	24	0	0	1	0	DSI 8/9/10	21.09	22.50

Ant 13											
CA_41C_Ant 13											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	49	0	0	1	0	Full	22.93	24.50
40185	40383	QPSK	1	49	0	0	1	0	Full	22.92	24.50
40620	40422	QPSK	1	49	0	0	1	0	Full	23.15	24.50
41055	40857	QPSK	1	49	0	0	1	0	Full	23.14	24.50
41490	41292	QPSK	1	49	0	0	1	0	Full	23.22	24.50
39750	39948	QPSK	50	24	0	0	1	0	DSI 2/3	16.87	18.00
40185	40383	QPSK	50	24	0	0	1	0	DSI 2/3	16.91	18.00
40620	40422	QPSK	50	24	0	0	1	0	DSI 2/3	17.06	18.00
41055	40857	QPSK	50	24	0	0	1	0	DSI 2/3	17.11	18.00
41490	41292	QPSK	50	24	0	0	1	0	DSI 2/3	17.21	18.00
39750	39948	QPSK	50	24	0	0	1	0	DSI 5	20.52	21.50
40185	40383	QPSK	50	24	0	0	1	0	DSI 5	20.54	21.50
40620	40422	QPSK	50	24	0	0	1	0	DSI 5	20.64	21.50
41055	40857	QPSK	50	24	0	0	1	0	DSI 5	20.72	21.50
41490	41292	QPSK	50	24	0	0	1	0	DSI 5	20.79	21.50
39750	39948	QPSK	50	24	0	0	1	0	DSI 8/9/10	19.49	20.50
40185	40383	QPSK	50	24	0	0	1	0	DSI 8/9/10	19.56	20.50
40620	40422	QPSK	50	24	0	0	1	0	DSI 8/9/10	19.64	20.50
41055	40857	QPSK	50	24	0	0	1	0	DSI 8/9/10	19.72	20.50
41490	41292	QPSK	50	24	0	0	1	0	DSI 8/9/10	19.83	20.50

Ant 31											
CA_41C_Ant 31											
Combination 20MHz+20MHz (100RB+100RB)											
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Power Reduction	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset					
39750	39948	QPSK	1	49	0	0	1	0	Full	22.84	24.50
40185	40383	QPSK	1	49	0	0	1	0	Full	23.04	24.50
40620	40422	QPSK	1	49	0	0	1	0	Full	22.97	24.50
41055	40857	QPSK	1	49	0	0	1	0	Full	23.09	24.50
41490	41292	QPSK	1	49	0	0	1	0	Full	23.23	24.50
39750	39948	QPSK	50	24	0	0	1	0	DSI 4/5	21.87	23.50
40185	40383	QPSK	50	24	0	0	1	0	DSI 4/5	22.11	23.50
40620	40422	QPSK	50	24	0	0	1	0	DSI 4/5	22.01	23.50
41055	40857	QPSK	50	24	0	0	1	0	DSI 4/5	22.13	23.50
41490	41292	QPSK	50	24	0	0	1	0	DSI 4/5	22.25	23.50
39750	39948	QPSK	50	24	0	0	1	0	DSI 8/9/10	20.81	22.00
40185	40383	QPSK	50	24	0	0	1	0	DSI 8/9/10	20.99	22.00
40620	40422	QPSK	50	24	0	0	1	0	DSI 8/9/10	20.91	22.00
41055	40857	QPSK	50	24	0	0	1	0	DSI 8/9/10	21.05	22.00
41490	41292	QPSK	50	24	0	0	1	0	DSI 8/9/10	21.12	22.00

DL CA Power

Full Power															
2CC															
Configure		CA Configuration (BCS)	PCC						SCC				Power		
			LTE Band	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx Power (dBm)	W/O CA Tx Power (dBm)
Inter-Band		CA_2A-5A	2	20	1900	19100	QPSK	1	49	5	10	881.5	2525	22.72	22.92
		CA_2A-7A	2	20	1900	19100	QPSK	1	49	7	20	2655	3100	22.88	22.92
		CA_2A-12A	2	20	1900	19100	QPSK	1	49	12	10	737.5	5095	22.82	22.92
		CA_2A-17A	2	10	1880	18900	QPSK	1	49	17	10	740	5790	22.56	22.92
		CA_4A-5A	4	20	1732.5	20175	QPSK	1	49	5	10	881.5	2525	22.92	23.15
		CA_4A-7A	4	20	1732.5	20175	QPSK	1	49	7	20	2655	3100	23.04	23.15
		CA_4A-12A	4	20	1732.5	20175	QPSK	1	49	12	10	737.5	5095	23.06	23.15
		CA_4A-17A	4	10	1732.5	20175	QPSK	1	0	17	10	740	5790	22.88	22.97
		CA_5A-7A	5	10	829	20450	QPSK	1	25	7	20	2655	3100	22.99	23.18
Intra-Band	Non-Contiguous	CA_5A-41A	5	10	829	20450	QPSK	1	25	41	20	2593	40620	22.94	23.18
		CA_4A-4A	4	20	1732.5	20175	QPSK	1	49	4	5	2112.5	1975	23.01	23.15
		CA_7A-7A	7	20	2535	21100	QPSK	1	49	7	5	2622.5	2775	22.76	22.99
		CA_38A-38A	38	20	2580	37850	QPSK	1	49	38	5	2617.5	38225	23.10	23.22
	Contiguous	CA_41A-41A	41	20	2680	41490	QPSK	1	49	41	5	2498.5	39675	23.11	23.25
		CA_7C	7	20	2535	21100	QPSK	1	49	7	20	2635.20	2902	22.73	22.99
		CA_38C	38	20	2580	37850	QPSK	1	49	38	20	2599.80	38048	23.07	23.22
		CA_41C	41	20	2680	41490	QPSK	1	49	41	20	2660.20	41292	23.12	23.25

Full Power Mode for 5G NR

n7_Ant 11								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.63	22.64	22.67		
20	PI/2 BPSK	1	53	22.76	22.98	22.96	24.0	0.0
20	PI/2 BPSK	1	104	22.63	22.91	22.92		
20	PI/2 BPSK	50	0	22.18	22.35	22.23		
20	PI/2 BPSK	50	28	22.74	22.95	22.93	24.0	0.0
20	PI/2 BPSK	50	56	22.21	22.26	22.20	23.5	0.5
20	PI/2 BPSK	100	0	22.20	22.40	22.34		
20	QPSK	1	1	22.58	22.58	22.53		
20	QPSK	1	53	22.68	22.81	22.80	24.0	0.0
20	QPSK	1	104	22.55	22.72	22.73		
20	QPSK	50	0	21.59	21.70	21.66		
20	QPSK	50	28	22.60	22.78	22.61	24.0	0.0
20	QPSK	50	56	21.61	21.69	21.54	23.0	1.0
20	QPSK	100	0	21.64	21.76	21.62		
20	16QAM	1	53	21.54	21.58	21.54		
20	64QAM	1	53	20.14	20.13	20.11	21.5	2.5
20	256QAM	1	53	18.94	18.82	18.81	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.0	0.0
15	PI/2 BPSK	1	40	22.87	22.84	22.92	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.0	0.0
10	PI/2 BPSK	1	26	22.78	22.81	22.91	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.0	0.0
5	PI/2 BPSK	1	13	22.63	22.76	22.91	24.0	0.0

n7_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	24.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	22.67	22.65	22.78		
20	PI/2 BPSK	1	53	22.71	23.10	23.05	24.0	0.0
20	PI/2 BPSK	1	104	22.62	22.86	22.93		
20	PI/2 BPSK	50	0	22.17	22.32	22.36		
20	PI/2 BPSK	50	28	22.70	23.07	23.03	24.0	0.0
20	PI/2 BPSK	50	56	22.13	22.33	22.32	23.5	0.5
20	PI/2 BPSK	100	0	22.21	22.40	22.34		
20	QPSK	1	1	22.53	22.52	22.62		
20	QPSK	1	53	22.63	22.83	22.87	24.0	0.0
20	QPSK	1	104	22.52	22.67	22.82		
20	QPSK	50	0	21.56	21.70	21.82		
20	QPSK	50	28	22.63	22.75	22.76	24.0	0.0
20	QPSK	50	56	21.62	21.72	21.71	23.0	1.0
20	QPSK	100	0	21.56	21.74	21.78		
20	16QAM	1	53	21.53	21.57	21.63		
20	64QAM	1	53	20.10	20.11	20.22	21.5	2.5
20	256QAM	1	53	18.80	18.82	18.94	19.5	4.5
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	24.0	0.0
15	PI/2 BPSK	1	40	22.94	23.06	23.04	24.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	24.0	0.0
10	PI/2 BPSK	1	26	22.87	22.80	22.97	24.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	24.0	0.0
5	PI/2 BPSK	1	13	23.02	23.09	23.06	24.0	0.0

n41_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.02	22.02	22.00			
100	PI/2 BPSK	1	137	22.96	23.10	23.28	24.0	0.0	
100	PI/2 BPSK	1	271	22.06	22.26	22.23			
100	PI/2 BPSK	135	0	22.24	22.16	22.32			
100	PI/2 BPSK	135	69	22.94	23.07	23.26	23.5	0.5	
100	PI/2 BPSK	135	138	22.23	22.40	22.45			
100	PI/2 BPSK	270	0	22.44	22.53	22.58			
100	QPSK	1	1	22.16	22.01	22.11	24.0	0.0	
100	QPSK	1	137	22.89	22.87	23.20			
100	QPSK	1	271	22.08	22.13	22.13			
100	QPSK	135	0	22.11	22.08	22.31	24.0	0.0	
100	QPSK	135	69	23.13	23.20	23.20			
100	QPSK	135	138	22.12	22.18	22.33			
100	QPSK	270	0	21.95	21.96	22.03	23.0	1.0	
100	16QAM	1	137	21.07	21.00	21.05	23.0	1.0	
100	64QAM	1	137	19.63	19.53	20.00	21.5	2.5	
100	256QAM	1	137	18.83	18.75	19.09	19.5	4.5	
Channel				508200	518598	528996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	PI/2 BPSK	1	120	22.86	23.03	23.07	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	PI/2 BPSK	1	109	22.99	23.07	23.12	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	PI/2 BPSK	1	95	22.90	22.84	23.10	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	PI/2 BPSK	1	81	22.95	23.07	23.11	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	PI/2 BPSK	1	67	23.00	23.18	23.15	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	PI/2 BPSK	1	53	23.09	23.22	23.19	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	PI/2 BPSK	1	40	23.05	23.18	23.11	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	PI/2 BPSK	1	26	23.09	23.16	23.14	24.0	0.0	
Channel				500700	518598	536496	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	PI/2 BPSK	1	19	23.18	23.23	23.14	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	PI/2 BPSK	1	12	23.06	23.16	23.12	24.0	0.0	

n41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640	24.0	0.0	
Frequency (MHz)				2546.01	2592.99	2640			
100	PI/2 BPSK	1	1	22.24	22.23	22.26			
100	PI/2 BPSK	1	137	22.95	23.06	23.24	24.0	0.0	
100	PI/2 BPSK	1	271	22.21	22.22	22.42			
100	PI/2 BPSK	135	0	22.38	22.29	22.56			
100	PI/2 BPSK	135	69	22.92	23.05	23.22	23.5	0.5	
100	PI/2 BPSK	135	138	22.32	22.43	22.72			
100	PI/2 BPSK	270	0	22.40	22.46	22.76			
100	QPSK	1	1	22.21	22.25	22.28	24.0	0.0	
100	QPSK	1	137	22.84	22.95	23.21			
100	QPSK	1	271	22.22	22.26	22.37			
100	QPSK	135	0	22.02	22.02	22.14	24.0	0.0	
100	QPSK	135	69	23.00	23.04	23.20			
100	QPSK	135	138	22.01	22.10	22.27			
100	QPSK	270	0	21.82	21.82	22.02	23.0	1.0	
100	16QAM	1	137	21.05	21.05	21.09	23.0	1.0	
100	64QAM	1	137	19.60	19.54	19.85	21.5	2.5	
100	256QAM	1	137	18.81	18.65	18.73	19.5	4.5	
Channel				508200	518598	528996	Tune-up limit	MPR	
Frequency (MHz)				2541	2592.99	2644.98	(dBm)	(dB)	
90	PI/2 BPSK	1	120	22.88	23.00	23.16	24.0	0.0	
Channel				507204	518598	529998	Tune-up limit	MPR	
Frequency (MHz)				2536.02	2592.99	2649.99	(dBm)	(dB)	
80	PI/2 BPSK	1	109	23.01	23.14	23.15	24.0	0.0	
Channel				506202	518598	531000	Tune-up limit	MPR	
Frequency (MHz)				2531.01	2592.99	2655	(dBm)	(dB)	
70	PI/2 BPSK	1	95	22.76	22.99	23.11	24.0	0.0	
Channel				505200	518598	531996	Tune-up limit	MPR	
Frequency (MHz)				2526	2592.99	2659.98	(dBm)	(dB)	
60	PI/2 BPSK	1	81	23.09	23.15	23.05	24.0	0.0	
Channel				504204	518598	532998	Tune-up limit	MPR	
Frequency (MHz)				2521.02	2592.99	2664.99	(dBm)	(dB)	
50	PI/2 BPSK	1	67	23.02	23.18	23.04	24.0	0.0	
Channel				503202	518598	534000	Tune-up limit	MPR	
Frequency (MHz)				2516.01	2592.99	2670	(dBm)	(dB)	
40	PI/2 BPSK	1	53	23.05	23.20	23.17	24.0	0.0	
Channel				502200	518598	534996	Tune-up limit	MPR	
Frequency (MHz)				2511	2592.99	2674.98	(dBm)	(dB)	
30	PI/2 BPSK	1	40	23.10	23.19	23.17	24.0	0.0	
Channel				501204	518598	535998	Tune-up limit	MPR	
Frequency (MHz)				2506.02	2592.99	2679.99	(dBm)	(dB)	
20	PI/2 BPSK	1	26	23.11	23.21	23.17	24.0	0.0	
Channel				500700	518598	536496	Tune-up limit	MPR	
Frequency (MHz)				2503.5	2592.99	2682.48	(dBm)	(dB)	
15	PI/2 BPSK	1	19	23.06	23.12	23.10	24.0	0.0	
Channel				500202	518598	537000	Tune-up limit	MPR	
Frequency (MHz)				2501.01	2592.99	2685	(dBm)	(dB)	
10	PI/2 BPSK	1	12	23.17	23.15	23.14	24.0	0.0	

n5_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.99	22.95	22.91		
20	PI/2 BPSK	1	53	23.03	23.05	23.00	24.0	0.0
20	PI/2 BPSK	1	104	22.87	22.91	22.95		
20	PI/2 BPSK	50	0	22.58	22.56	22.47		
20	PI/2 BPSK	50	28	23.00	23.03	22.96	23.5	0.5
20	PI/2 BPSK	50	56	22.41	22.33	22.34		
20	PI/2 BPSK	100	0	22.47	22.52	22.42		
20	QPSK	1	1	22.87	22.88	22.92	24.0	0.0
20	QPSK	1	53	23.00	23.01	22.97		
20	QPSK	1	104	22.85	22.80	22.87		
20	QPSK	50	0	22.06	22.00	21.96	23.0	1.0
20	QPSK	50	28	23.01	23.00	23.03		
20	QPSK	50	56	21.92	21.82	21.81		
20	QPSK	100	0	21.96	21.91	21.95	23.0	1.0
20	16QAM	1	53	21.70	21.70	21.75		
20	64QAM	1	53	20.22	20.26	20.26		
20	256QAM	1	53	18.82	18.94	18.86	19.5	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	PI/2 BPSK	1	40	22.80	22.78	22.75	24.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	PI/2 BPSK	1	26	22.72	22.77	22.76	24.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	PI/2 BPSK	1	13	22.80	22.82	22.81	24.0	0.0

n5_Ant 41								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	24.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	22.87	23.01	22.99		
20	PI/2 BPSK	1	53	23.18	23.19	23.12	23.5	0.5
20	PI/2 BPSK	1	104	22.96	22.95	22.93		
20	PI/2 BPSK	50	0	22.57	22.63	22.57		
20	PI/2 BPSK	50	28	23.15	23.17	23.11	23.5	0.5
20	PI/2 BPSK	50	56	22.50	22.50	22.46		
20	PI/2 BPSK	100	0	22.57	22.59	22.53		
20	QPSK	1	1	22.89	22.95	22.90	24.0	0.0
20	QPSK	1	53	23.08	23.02	23.02		
20	QPSK	1	104	22.94	22.89	22.85		
20	QPSK	50	0	22.03	22.06	22.07	23.0	1.0
20	QPSK	50	28	23.03	23.04	23.05		
20	QPSK	50	56	22.01	21.95	21.86		
20	QPSK	100	0	22.01	22.06	22.04	23.0	1.0
20	16QAM	1	53	21.78	21.75	21.71		
20	64QAM	1	53	20.29	20.28	20.31		
20	256QAM	1	53	18.89	18.93	18.86	19.5	4.5
Channel				166300	167300	168300	Tune-up limit	MPR
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)
15	PI/2 BPSK	1	40	23.03	23.04	23.08	24.0	0.0
Channel				165800	167300	168800	Tune-up limit	MPR
Frequency (MHz)				829	836.5	844	(dBm)	(dB)
10	PI/2 BPSK	1	26	22.86	22.94	22.90	24.0	0.0
Channel				165300	167300	169300	Tune-up limit	MPR
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)
5	PI/2 BPSK	1	13	23.08	23.13	23.06	24.0	0.0

Reduced Power for DSI 2&3

n7_Ant 11								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	17.5	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	16.21	16.31	16.25		
20	PI/2 BPSK	1	53	16.38	16.47	16.42	17.5	0.0
20	PI/2 BPSK	1	104	16.26	16.28	16.38		
20	PI/2 BPSK	50	0	16.35	16.42	16.38		
20	PI/2 BPSK	50	28	16.36	16.45	16.40	17.5	0.0
20	PI/2 BPSK	50	56	16.31	16.40	16.36		
20	PI/2 BPSK	100	0	16.38	16.42	16.37		
20	QPSK	1	1	16.28	16.26	16.36	17.5	0.0
20	QPSK	1	53	16.29	16.44	16.41		
20	QPSK	1	104	16.27	16.41	16.40		
20	QPSK	50	0	16.37	16.42	16.36	17.5	0.0
20	QPSK	50	28	16.39	16.38	16.38		
20	QPSK	50	56	16.35	16.43	16.42		
20	QPSK	100	0	16.39	16.43	16.39	17.5	0.0
20	16QAM	1	53	16.01	16.10	16.17		
20	64QAM	1	53	16.16	16.17	16.24		
20	256QAM	1	53	16.37	16.48	16.41	17.5	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	17.5	0.0
15	PI/2 BPSK	1	40	16.21	16.27	16.20	17.5	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	17.5	0.0
10	PI/2 BPSK	1	26	16.46	16.42	16.19	17.5	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	17.5	0.0
5	PI/2 BPSK	1	13	16.34	16.39	16.14	17.5	0.0

n7_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				502000	507000	512000	16.0	0.0
Frequency (MHz)				2510	2535	2560		
20	PI/2 BPSK	1	1	14.80	14.80	14.81		
20	PI/2 BPSK	1	53	14.85	14.95	14.90	16.0	0.0
20	PI/2 BPSK	1	104	14.77	14.91	14.86		
20	PI/2 BPSK	50	0	14.74	14.92	14.78		
20	PI/2 BPSK	50	28	14.83	14.93	14.88	16.0	0.0
20	PI/2 BPSK	50	56	14.82	14.86	14.82		
20	PI/2 BPSK	100	0	14.80	14.90	14.87		
20	QPSK	1	1	14.77	14.77	14.80	16.0	0.0
20	QPSK	1	53	14.82	14.94	14.84		
20	QPSK	1	104	14.77	14.82	14.88		
20	QPSK	50	0	14.83	14.91	14.89	16.0	0.0
20	QPSK	50	28	14.84	14.92	14.87		
20	QPSK	50	56	14.82	14.91	14.88		
20	QPSK	100	0	14.83	14.93	14.89	16.0	0.0
20	16QAM	1	53	14.60	14.59	14.56		
20	64QAM	1	53	14.65	14.55	14.63		
20	256QAM	1	53	14.84	14.94	14.88	16.0	0.0
Channel				501500	507000	512500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2507.5	2535	2562.5	16.0	0.0
15	PI/2 BPSK	1	40	14.56	14.88	14.82	16.0	0.0
Channel				501000	507000	513000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2505	2535	2565	16.0	0.0
10	PI/2 BPSK	1	26	14.62	14.86	14.57	16.0	0.0
Channel				500500	507000	513500	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2502.5	2535	2567.5	16.0	0.0
5	PI/2 BPSK	1	13	14.74	14.93	14.70	16.0	0.0

n41_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640	17.5	0.0	
Frequency (MHz)				15.74	15.67	15.84			
100	PI/2 BPSK	1	1	15.74	15.67	15.84			
100	PI/2 BPSK	1	137	16.50	16.48	16.72			
100	PI/2 BPSK	1	271	15.89	15.67	15.88	17.5	0.0	
100	PI/2 BPSK	135	0	16.33	16.33	16.53			
100	PI/2 BPSK	135	69	16.48	16.45	16.70			
100	PI/2 BPSK	135	138	16.42	16.43	16.50			
100	PI/2 BPSK	270	0	16.44	16.38	16.67	17.5	0.0	
100	QPSK	1	1	15.75	15.65	15.84			
100	QPSK	1	137	16.46	16.43	16.66			
100	QPSK	1	271	15.91	15.90	15.91			
100	QPSK	135	0	16.41	16.38	16.53	17.5	0.0	
100	QPSK	135	69	16.49	16.43	16.69			
100	QPSK	135	138	16.47	16.37	16.50			
100	QPSK	270	0	16.42	16.42	16.54			
100	16QAM	1	137	16.29	16.28	16.42	17.5	0.0	
100	64QAM	1	137	16.27	16.30	16.53	17.5	0.0	
100	256QAM	1	137	16.49	16.43	16.71	17.5	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	17.5	0.0	
90	PI/2 BPSK	1	120	16.48	16.29	16.41			
Channel				507204	518598	529998		MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99		17.5	
80	PI/2 BPSK	1	109	16.38	16.10	16.53			
Channel				506202	518598	531000		MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655		17.5	
70	PI/2 BPSK	1	95	16.27	16.24	16.56			
Channel				505200	518598	531996		MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98		17.5	
60	PI/2 BPSK	1	81	16.22	16.46	16.38			
Channel				504204	518598	532998		MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99		17.5	
50	PI/2 BPSK	1	67	16.23	16.37	16.38			
Channel				503202	518598	534000		MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670		17.5	
40	PI/2 BPSK	1	53	16.31	16.11	16.54			
Channel				502200	518598	534996		MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98		17.5	
30	PI/2 BPSK	1	40	16.41	16.29	16.67			
Channel				501204	518598	535998		MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99		17.5	
20	PI/2 BPSK	1	26	16.15	16.14	16.61			
Channel				500700	518598	536496		MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48		17.5	
15	PI/2 BPSK	1	19	16.34	16.39	16.63			
Channel				500202	518598	537000		MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685		17.5	
10	PI/2 BPSK	1	12	16.42	16.14	16.64			

n41_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				2546.01	2592.99	2640	15.5	0.0	
Frequency (MHz)				13.63	13.65	13.74			
100	PI/2 BPSK	1	1	13.63	13.65	13.74			
100	PI/2 BPSK	1	137	14.35	14.56	14.58			
100	PI/2 BPSK	1	271	13.80	14.11	14.08	15.5	0.0	
100	PI/2 BPSK	135	0	14.11	14.24	14.32			
100	PI/2 BPSK	135	69	14.32	14.54	14.55			
100	PI/2 BPSK	135	138	14.20	14.47	14.39			
100	PI/2 BPSK	270	0	14.24	14.51	14.51	15.5	0.0	
100	QPSK	1	1	13.64	13.72	13.77			
100	QPSK	1	137	14.27	14.44	14.42			
100	QPSK	1	271	13.83	13.97	14.00			
100	QPSK	135	0	14.16	14.22	14.34	15.5	0.0	
100	QPSK	135	69	14.27	14.39	14.57			
100	QPSK	135	138	14.18	14.33	14.42			
100	QPSK	270	0	14.08	14.25	14.12			
100	16QAM	1	137	14.05	14.21	14.09	15.5	0.0	
100	64QAM	1	137	14.12	14.26	14.16	15.5	0.0	
100	256QAM	1	137	14.38	14.26	14.24	15.5	0.0	
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				2541	2592.99	2644.98	15.5	0.0	
90	PI/2 BPSK	1	120	14.14	14.37	14.26			
Channel				507204	518598	529998		MPR (dB)	
Frequency (MHz)				2536.02	2592.99	2649.99		15.5	
80	PI/2 BPSK	1	109	14.01	14.47	14.37			
Channel				506202	518598	531000		MPR (dB)	
Frequency (MHz)				2531.01	2592.99	2655		15.5	
70	PI/2 BPSK	1	95	14.17	14.29	14.42			
Channel				505200	518598	531996		MPR (dB)	
Frequency (MHz)				2526	2592.99	2659.98		15.5	
60	PI/2 BPSK	1	81	14.19	14.23	14.34			
Channel				504204	518598	532998		MPR (dB)	
Frequency (MHz)				2521.02	2592.99	2664.99		15.5	
50	PI/2 BPSK	1	67	14.02	14.50	14.34			
Channel				503202	518598	534000		MPR (dB)	
Frequency (MHz)				2516.01	2592.99	2670		15.5	
40	PI/2 BPSK	1	53	14.09	14.48	14.20			
Channel				502200	518598	534996		MPR (dB)	
Frequency (MHz)				2511	2592.99	2674.98		15.5	
30	PI/2 BPSK	1	40	14.00	14.19	14.34			
Channel				501204	518598	535998		MPR (dB)	
Frequency (MHz)				2506.02	2592.99	2679.99		15.5	
20	PI/2 BPSK	1	26	14.17	14.53	14.42			
Channel				500700	518598	536496		MPR (dB)	
Frequency (MHz)				2503.5	2592.99	2682.48		15.5	
15	PI/2 BPSK	1	19	14.05	14.50	14.31			
Channel				500202	518598	537000		MPR (dB)	
Frequency (MHz)				2501.01	2592.99	2685		15.5	
10	PI/2 BPSK	1	12	14.15	14.41	14.40			

Reduced Power for DSI 2

n5_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	21.5	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	20.07	20.20	20.07		
20	PI/2 BPSK	1	53	20.08	20.24	20.22	21.5	0.0
20	PI/2 BPSK	1	104	20.05	20.13	20.19		
20	PI/2 BPSK	50	0	19.92	20.07	20.17		
20	PI/2 BPSK	50	28	19.95	20.21	20.20	21.5	0.0
20	PI/2 BPSK	50	56	19.88	20.02	20.14		
20	PI/2 BPSK	100	0	19.95	20.06	20.01		
20	QPSK	1	1	19.75	19.97	20.15	21.5	0.0
20	QPSK	1	53	19.79	20.16	20.02		
20	QPSK	1	104	19.82	20.16	20.12		
20	QPSK	50	0	19.87	20.14	20.08	21.5	0.0
20	QPSK	50	28	19.86	20.12	20.02		
20	QPSK	50	56	19.86	20.02	20.03		
20	QPSK	100	0	19.92	20.07	20.02	21.5	0.0
20	16QAM	1	53	19.79	20.14	20.08		
20	64QAM	1	53	19.85	20.16	20.04		
20	256QAM	1	53	18.52	18.56	18.44	19.5	2.0
Channel				166300	167300	168300	21.5	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	40	20.02	20.07	20.11		
Channel				165800	167300	168800	21.5	0.0
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	26	19.88	20.22	20.14		
Channel				165300	167300	169300	21.5	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	13	19.92	20.14	20.03		

Reduced Power for DSI 3

n5_Ant 13								
BW [MHz]	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	20.5	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	19.09	19.10	18.96		
20	PI/2 BPSK	1	53	19.14	19.28	19.22	20.5	0.0
20	PI/2 BPSK	1	104	18.92	19.07	19.05		
20	PI/2 BPSK	50	0	19.15	19.22	19.09		
20	PI/2 BPSK	50	28	19.22	19.26	19.14	20.5	0.0
20	PI/2 BPSK	50	56	19.00	19.06	19.04		
20	PI/2 BPSK	100	0	19.09	19.23	19.20		
20	QPSK	1	1	19.19	19.25	19.18	20.5	0.0
20	QPSK	1	53	19.22	19.23	19.19		
20	QPSK	1	104	19.02	19.15	19.12		
20	QPSK	50	0	19.07	19.10	18.96	20.5	0.0
20	QPSK	50	28	19.17	19.20	19.14		
20	QPSK	50	56	19.12	19.20	19.09		
20	QPSK	100	0	18.93	19.08	18.96	20.5	0.0
20	16QAM	1	53	18.74	18.81	18.67		
20	64QAM	1	53	18.88	18.91	18.79		
20	256QAM	1	53	18.56	18.59	18.48	19.5	1.0
Channel				166300	167300	168300	20.5	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	40	18.85	19.26	19.11		
Channel				165800	167300	168800	20.5	0.0
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	26	19.02	18.93	18.94		
Channel				165300	167300	169300	20.5	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	13	18.78	19.07	18.91		

Reduced Power for DSI 4

n7_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	23.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	22.26	22.29	22.32	23.5	0.0	
20	PI/2 BPSK	1	53	22.36	22.52	22.51			
20	PI/2 BPSK	1	104	22.23	22.32	22.48			
20	PI/2 BPSK	50	0	22.30	22.41	22.42	23.5	0.0	
20	PI/2 BPSK	50	28	22.34	22.50	22.47	23.5	0.0	
20	PI/2 BPSK	50	56	22.30	22.34	22.35	23.5	0.0	
20	PI/2 BPSK	100	0	22.33	22.47	22.42			
20	QPSK	1	1	22.33	22.26	22.39	23.5	0.0	
20	QPSK	1	53	22.45	22.51	22.51			
20	QPSK	1	104	22.42	22.44	22.52			
20	QPSK	50	0	21.97	21.95	22.01	23.0	0.5	
20	QPSK	50	28	22.50	22.50	22.50	23.5	0.0	
20	QPSK	50	56	21.92	21.95	21.91	23.0	0.5	
20	QPSK	100	0	21.97	21.97	21.99			
20	16QAM	1	53	21.55	21.47	21.57	23.0	0.5	
20	64QAM	1	53	20.05	20.04	20.14	21.5	2.0	
20	256QAM	1	53	18.76	18.75	18.89	19.5	4.0	
Channel				501500	507000	512500	23.5	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	22.03	22.31	22.22	23.5	0.0	
Channel				501000	507000	513000	23.5	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	22.18	22.15	22.36	23.5	0.0	
Channel				500500	507000	513500	23.5	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	22.31	22.18	22.26	23.5	0.0	

n7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	23.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	21.72	21.66	21.83	23.0	0.0	
20	PI/2 BPSK	1	53	21.86	22.04	22.00			
20	PI/2 BPSK	1	104	21.67	21.79	21.84			
20	PI/2 BPSK	50	0	21.75	21.88	21.95	23.0	0.0	
20	PI/2 BPSK	50	28	21.84	22.02	21.99	23.0	0.0	
20	PI/2 BPSK	50	56	21.80	21.94	21.88	23.0	0.0	
20	PI/2 BPSK	100	0	21.81	22.00	21.97			
20	QPSK	1	1	21.74	21.79	21.82	23.0	0.0	
20	QPSK	1	53	21.84	22.00	21.96			
20	QPSK	1	104	21.75	21.89	21.89			
20	QPSK	50	0	21.84	21.97	22.00	23.0	0.0	
20	QPSK	50	28	21.85	21.98	21.97	23.0	0.0	
20	QPSK	50	56	21.83	21.98	21.92	23.0	0.0	
20	QPSK	100	0	21.82	21.95	21.94			
20	16QAM	1	53	21.50	21.55	21.58	23.0	0.0	
20	64QAM	1	53	20.09	20.07	20.04	21.5	1.5	
20	256QAM	1	53	18.77	18.75	18.80	19.5	3.5	
Channel				501500	507000	512500	23.0	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	21.61	21.71	21.96	23.0	0.0	
Channel				501000	507000	513000	23.0	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	21.52	21.71	21.89	23.0	0.0	
Channel				500500	507000	513500	23.0	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	21.55	21.96	21.84	23.0	0.0	

n41_Ant 11								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	23.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	21.05	21.03	21.16	23.0	0.0
100	PI/2 BPSK	1	137	21.93	22.02	22.29		
100	PI/2 BPSK	1	271	21.16	21.12	21.27	23.0	0.0
100	PI/2 BPSK	135	0	21.78	21.74	22.05		
100	PI/2 BPSK	135	69	21.92	22.00	22.26	23.0	0.0
100	PI/2 BPSK	135	138	21.84	21.84	22.06		
100	PI/2 BPSK	270	0	21.84	21.95	22.26	23.0	0.0
100	QPSK	1	1	21.13	21.07	21.18		
100	QPSK	1	137	21.92	21.99	22.27	23.0	0.0
100	QPSK	1	271	21.15	21.31	21.29		
100	QPSK	135	0	21.83	21.88	22.06	23.0	0.0
100	QPSK	135	69	21.91	21.98	22.27		
100	QPSK	135	138	21.87	21.97	22.08	23.0	0.0
100	QPSK	270	0	21.86	21.95	22.04		
100	16QAM	1	137	21.69	21.84	22.02	23.0	0.0
100	64QAM	1	137	20.29	20.57	20.66	21.5	1.5
100	256QAM	1	137	18.62	18.91	19.05	19.5	3.5
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	21.86	21.74	22.07	23.0	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	21.74	21.89	21.95	23.0	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	21.77	21.51	22.26	23.0	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	21.62	21.57	22.07	23.0	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	21.70	21.98	22.01	23.0	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	21.76	21.89	22.01	23.0	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	21.65	21.89	21.95	23.0	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	21.72	21.79	22.03	23.0	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	21.65	21.85	22.20	23.0	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	21.73	22.00	22.02	23.0	0.0

n41_Ant 13								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	22.5	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	20.59	20.51	20.62	22.5	0.0
100	PI/2 BPSK	1	137	21.48	21.39	21.84		
100	PI/2 BPSK	1	271	20.67	20.75	20.91	22.5	0.0
100	PI/2 BPSK	135	0	21.35	21.28	21.57		
100	PI/2 BPSK	135	69	21.45	21.38	21.83	22.5	0.0
100	PI/2 BPSK	135	138	21.38	21.33	21.63		
100	PI/2 BPSK	270	0	21.33	21.35	21.80	22.5	0.0
100	QPSK	1	1	20.68	20.60	20.67		
100	QPSK	1	137	21.48	21.45	21.76	22.5	0.0
100	QPSK	1	271	20.71	20.68	20.91		
100	QPSK	135	0	21.33	21.35	21.55	22.5	0.0
100	QPSK	135	69	21.52	21.49	21.78		
100	QPSK	135	138	21.29	21.35	21.55	22.5	0.0
100	QPSK	270	0	21.34	21.32	21.49		
100	16QAM	1	137	21.25	21.49	21.55	22.5	0.0
100	64QAM	1	137	20.27	20.25	20.73	21.5	1.0
100	256QAM	1	137	18.81	18.82	19.30	19.5	3.0
Channel				508200	518598	528996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	21.46	21.16	21.63	22.5	0.0
Channel				507204	518598	529998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	21.14	21.20	21.47	22.5	0.0
Channel				506202	518598	531000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	21.41	21.04	21.54	22.5	0.0
Channel				505200	518598	531996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	21.28	21.35	21.52	22.5	0.0
Channel				504204	518598	532998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	21.39	21.28	21.54	22.5	0.0
Channel				503202	518598	534000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	21.28	21.17	21.65	22.5	0.0
Channel				502200	518598	534996	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	21.28	21.18	21.70	22.5	0.0
Channel				501204	518598	535998	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	21.27	21.35	21.66	22.5	0.0
Channel				500700	518598	536496	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	21.33	21.30	21.64	22.5	0.0
Channel				500202	518598	537000	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	21.30	21.25	21.58	22.5	0.0

Reduced Power for DSI 5

n7_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	19.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	18.14	18.38	18.22	19.5	0.0	
20	PI/2 BPSK	1	53	18.33	18.43	18.38			
20	PI/2 BPSK	1	104	18.17	18.27	18.32			
20	PI/2 BPSK	50	0	18.24	18.30	18.34	19.5	0.0	
20	PI/2 BPSK	50	28	18.31	18.41	18.36	19.5	0.0	
20	PI/2 BPSK	50	56	18.29	18.38	18.35	19.5	0.0	
20	PI/2 BPSK	100	0	18.30	18.40	18.34			
20	QPSK	1	1	18.31	18.30	18.42	19.5	0.0	
20	QPSK	1	53	18.34	18.37	18.41			
20	QPSK	1	104	18.31	18.26	18.30			
20	QPSK	50	0	18.36	18.42	18.29	19.5	0.0	
20	QPSK	50	28	18.37	18.41	18.23	19.5	0.0	
20	QPSK	50	56	18.40	18.40	18.37	19.5	0.0	
20	QPSK	100	0	18.39	18.42	18.40	19.5	0.0	
20	16QAM	1	53	18.08	18.08	18.26			
20	64QAM	1	53	18.14	18.12	18.22			
20	256QAM	1	53	18.40	18.39	18.26			
Channel				501500	507000	512500	19.5	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	18.19	18.23	18.17	19.5	0.0	
Channel				501000	507000	513000	19.5	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	18.12	18.22	18.01	19.5	0.0	
Channel				500500	507000	513500	19.5	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	17.95	18.26	18.07	19.5	0.0	

n7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	19.5	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	18.23	18.21	18.32	19.5	0.0	
20	PI/2 BPSK	1	53	18.43	18.53	18.48			
20	PI/2 BPSK	1	104	18.28	18.33	18.37			
20	PI/2 BPSK	50	0	18.30	18.49	18.44	19.5	0.0	
20	PI/2 BPSK	50	28	18.40	18.51	18.47	19.5	0.0	
20	PI/2 BPSK	50	56	18.33	18.41	18.41	19.5	0.0	
20	PI/2 BPSK	100	0	18.38	18.48	18.44			
20	QPSK	1	1	18.37	18.31	18.36	19.5	0.0	
20	QPSK	1	53	18.41	18.43	18.43			
20	QPSK	1	104	18.34	18.28	18.30			
20	QPSK	50	0	18.40	18.42	18.42	19.5	0.0	
20	QPSK	50	28	18.46	18.47	18.46	19.5	0.0	
20	QPSK	50	56	18.44	18.41	18.45	19.5	0.0	
20	QPSK	100	0	18.47	18.43	18.44	19.5	0.0	
20	16QAM	1	53	18.12	18.15	18.13			
20	64QAM	1	53	18.15	18.22	18.18			
20	256QAM	1	53	18.17	18.02	18.14			
Channel				501500	507000	512500	19.5	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	18.40	18.47	18.11	19.5	0.0	
Channel				501000	507000	513000	19.5	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	18.10	18.43	18.16	19.5	0.0	
Channel				500500	507000	513500	19.5	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	18.31	18.28	18.44	19.5	0.0	

n41_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	19.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.26	17.25	17.31	19.0	0.0
100	PI/2 BPSK	1	137	18.03	18.10	18.24		
100	PI/2 BPSK	1	271	17.38	17.47	17.44	19.0	0.0
100	PI/2 BPSK	135	0	17.89	17.91	18.10		
100	PI/2 BPSK	135	69	18.00	18.08	18.22	19.0	0.0
100	PI/2 BPSK	135	138	17.94	17.96	18.03		
100	PI/2 BPSK	270	0	17.92	18.05	18.17	19.0	0.0
100	QPSK	1	1	17.31	17.36	17.39		
100	QPSK	1	137	18.01	18.00	18.07	19.0	0.0
100	QPSK	1	271	17.38	17.44	17.43		
100	QPSK	135	0	17.88	17.91	18.08	19.0	0.0
100	QPSK	135	69	18.14	18.07	18.11		
100	QPSK	135	138	17.97	17.91	18.10	19.0	0.0
100	QPSK	270	0	17.93	17.94	18.07		
100	16QAM	1	137	17.84	17.81	18.00	19.0	0.0
100	64QAM	1	137	17.83	17.82	18.02	19.0	0.0
100	256QAM	1	137	17.95	18.04	18.01	19.0	0.0
Channel				508200	518598	528998	19.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	17.94	18.08	18.12	19.0	0.0
Channel				507204	518598	529998	19.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	17.72	18.08	18.11	19.0	0.0
Channel				506202	518598	531000	19.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	18.00	18.04	18.14	19.0	0.0
Channel				505200	518598	531996	19.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	18.00	17.87	18.12	19.0	0.0
Channel				504204	518598	532998	19.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	17.79	17.75	17.86	19.0	0.0
Channel				503202	518598	534000	19.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	17.94	17.95	18.03	19.0	0.0
Channel				502200	518598	534996	19.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	17.80	17.83	17.91	19.0	0.0
Channel				501204	518598	535998	19.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	17.83	17.78	18.18	19.0	0.0
Channel				500700	518598	536496	19.0	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	17.69	18.06	18.08	19.0	0.0
Channel				500202	518598	537000	19.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	17.66	18.07	18.20	19.0	0.0

n41_Ant 13

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	19.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	17.42	17.06	17.28	19.0	0.0
100	PI/2 BPSK	1	137	17.98	17.92	18.32		
100	PI/2 BPSK	1	271	17.42	17.40	17.55	19.0	0.0
100	PI/2 BPSK	135	0	17.93	17.70	18.08		
100	PI/2 BPSK	135	69	17.95	17.90	18.30	19.0	0.0
100	PI/2 BPSK	135	138	17.90	17.86	18.11		
100	PI/2 BPSK	270	0	17.92	17.87	18.28	19.0	0.0
100	QPSK	1	1	17.39	17.25	17.33		
100	QPSK	1	137	18.01	18.12	18.28	19.0	0.0
100	QPSK	1	271	17.42	17.52	17.61		
100	QPSK	135	0	17.93	17.92	18.12	19.0	0.0
100	QPSK	135	69	18.05	18.14	18.31		
100	QPSK	135	138	17.92	18.05	18.12	19.0	0.0
100	QPSK	270	0	17.95	18.01	18.11		
100	16QAM	1	137	17.77	17.84	18.02	19.0	0.0
100	64QAM	1	137	17.81	17.87	18.05	19.0	0.0
100	256QAM	1	137	17.96	17.87	18.02	19.0	0.0
Channel				508200	518598	528998	19.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	17.72	17.60	18.09	19.0	0.0
Channel				507204	518598	529998	19.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	17.79	17.99	17.88	19.0	0.0
Channel				506202	518598	531000	19.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	17.93	17.76	18.09	19.0	0.0
Channel				505200	518598	531996	19.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	17.62	17.61	17.85	19.0	0.0
Channel				504204	518598	532998	19.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	17.96	17.90	17.96	19.0	0.0
Channel				503202	518598	534000	19.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	17.93	17.72	17.87	19.0	0.0
Channel				502200	518598	534996	19.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	17.91	17.78	18.10	19.0	0.0
Channel				501204	518598	535998	19.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	17.68	17.89	18.07	19.0	0.0
Channel				500700	518598	536496	19.0	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	17.64	17.86	18.07	19.0	0.0
Channel				500202	518598	537000	19.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	17.72	17.77	18.09	19.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				166800	167300	167800	23.0	0.0
Frequency (MHz)				834	836.5	839		
20	PI/2 BPSK	1	1	21.89	22.04	21.95		
20	PI/2 BPSK	1	53	22.02	22.15	22.03	23.0	0.0
20	PI/2 BPSK	1	104	21.85	22.00	21.95		
20	PI/2 BPSK	50	0	21.94	22.07	21.96		
20	PI/2 BPSK	50	28	22.00	22.13	22.01	23.0	0.0
20	PI/2 BPSK	50	56	21.97	22.06	21.99		
20	PI/2 BPSK	100	0	21.95	22.11	22.00		
20	QPSK	1	1	22.04	22.07	21.96	23.0	0.0
20	QPSK	1	53	22.03	22.06	21.92		
20	QPSK	1	104	21.94	22.01	21.88		
20	QPSK	50	0	21.91	22.03	21.99	23.0	0.0
20	QPSK	50	28	21.85	22.00	21.96		
20	QPSK	50	56	21.99	22.11	21.99		
20	QPSK	100	0	22.09	22.14	22.01	23.0	0.0
20	16QAM	1	53	21.71	21.72	21.57		
20	64QAM	1	53	20.11	20.21	20.11		
20	256QAM	1	53	18.73	18.83	18.82	19.5	3.5
Channel				166300	167300	168300	0.0	0.0
Frequency (MHz)				831.5	836.5	841.5		
15	PI/2 BPSK	1	40	21.95	21.93	21.83		
Channel				165800	167300	168800	0.0	0.0
Frequency (MHz)				829	836.5	844		
10	PI/2 BPSK	1	26	21.85	21.84	21.90		
Channel				165300	167300	169300	0.0	0.0
Frequency (MHz)				826.5	836.5	846.5		
5	PI/2 BPSK	1	13	21.76	22.02	21.89		

Reduced Power for DSI 8&9&10

n7_Ant 11									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	18.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	16.66	16.66	16.70	18.0	0.0	
20	PI/2 BPSK	1	53	16.73	16.92	16.86			
20	PI/2 BPSK	1	104	16.68	16.72	16.84			
20	PI/2 BPSK	50	0	16.70	16.82	16.82	18.0	0.0	
20	PI/2 BPSK	50	28	16.71	16.90	16.84	18.0	0.0	
20	PI/2 BPSK	50	56	16.70	16.80	16.80	18.0	0.0	
20	PI/2 BPSK	100	0	16.70	16.88	16.83			
20	QPSK	1	1	16.58	16.57	16.63	18.0	0.0	
20	QPSK	1	53	16.68	16.70	16.77			
20	QPSK	1	104	16.59	16.59	16.75			
20	QPSK	50	0	16.65	16.72	16.77	18.0	0.0	
20	QPSK	50	28	16.68	16.80	16.81	18.0	0.0	
20	QPSK	50	56	16.65	16.72	16.74	18.0	0.0	
20	QPSK	100	0	16.68	16.73	16.79	18.0	0.0	
20	16QAM	1	53	16.35	16.33	16.42			
20	64QAM	1	53	16.44	16.35	16.41			
20	256QAM	1	53	16.85	16.86	16.90			
Channel				501500	507000	512500	18.0	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	16.47	16.54	16.59	18.0	0.0	
Channel				501000	507000	513000	18.0	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	16.67	16.56	16.81	18.0	0.0	
Channel				500500	507000	513500	18.0	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	16.44	16.59	16.84	18.0	0.0	

n7_Ant 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				502000	507000	512000	17.0	0.0	
Frequency (MHz)				2510	2535	2560			
20	PI/2 BPSK	1	1	15.69	15.72	15.72	17.0	0.0	
20	PI/2 BPSK	1	53	15.82	16.06	15.98			
20	PI/2 BPSK	1	104	15.68	15.75	15.88			
20	PI/2 BPSK	50	0	15.77	15.86	15.91	17.0	0.0	
20	PI/2 BPSK	50	28	15.80	16.04	15.95	17.0	0.0	
20	PI/2 BPSK	50	56	15.77	15.86	15.55	17.0	0.0	
20	PI/2 BPSK	100	0	15.77	16.01	15.92			
20	QPSK	1	1	15.61	15.55	15.63	17.0	0.0	
20	QPSK	1	53	15.70	15.74	15.83			
20	QPSK	1	104	15.58	15.67	15.71			
20	QPSK	50	0	15.75	15.78	15.78	17.0	0.0	
20	QPSK	50	28	15.74	15.83	15.80	17.0	0.0	
20	QPSK	50	56	15.72	15.78	15.81	17.0	0.0	
20	QPSK	100	0	15.73	15.81	15.84	17.0	0.0	
20	16QAM	1	53	15.40	15.39	15.76			
20	64QAM	1	53	15.49	15.50	15.79			
20	256QAM	1	53	16.02	16.03	15.77			
Channel				501500	507000	512500	17.0	0.0	
Frequency (MHz)				2507.5	2535	2562.5			
15	PI/2 BPSK	1	40	15.77	15.76	15.82	17.0	0.0	
Channel				501000	507000	513000	17.0	0.0	
Frequency (MHz)				2505	2535	2565			
10	PI/2 BPSK	1	26	15.49	15.97	15.63	17.0	0.0	
Channel				500500	507000	513500	17.0	0.0	
Frequency (MHz)				2502.5	2535	2567.5			
5	PI/2 BPSK	1	13	15.61	15.78	15.66	17.0	0.0	

n41_Ant 11

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	18.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.07	16.20	16.07		
100	PI/2 BPSK	1	137	16.84	17.01	17.04		
100	PI/2 BPSK	1	271	16.10	16.38	16.23	18.0	0.0
100	PI/2 BPSK	135	0	16.63	16.86	16.80		
100	PI/2 BPSK	135	69	16.82	17.00	17.02		
100	PI/2 BPSK	135	138	16.60	16.92	16.85		
100	PI/2 BPSK	270	0	16.80	16.98	17.01	18.0	0.0
100	QPSK	1	1	16.15	16.03	16.10		
100	QPSK	1	137	16.79	16.83	16.99		
100	QPSK	1	271	16.20	16.29	16.28		
100	QPSK	135	0	16.55	16.62	16.80	18.0	0.0
100	QPSK	135	69	16.78	16.81	16.97		
100	QPSK	135	138	16.63	16.70	16.77		
100	QPSK	270	0	16.58	16.67	16.67		
100	16QAM	1	137	16.57	16.64	16.78	18.0	0.0
100	64QAM	1	137	16.59	16.68	16.76	18.0	0.0
100	256QAM	1	137	16.92	16.96	16.57	18.0	0.0
Channel				508200	518598	528998	18.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	16.77	16.66	16.94		
Channel				507204	518598	529998	18.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	16.69	16.64	16.66		
Channel				506202	518598	531000	18.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	16.72	16.78	16.80		
Channel				505200	518598	531996	18.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	16.52	16.70	16.95		
Channel				504204	518598	532998	18.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	16.76	16.80	16.79		
Channel				503202	518598	534000	18.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	16.57	16.74	16.81		
Channel				502200	518598	534996	18.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	16.76	16.84	16.71		
Channel				501204	518598	535998	18.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	16.47	16.82	16.70		
Channel				500700	518598	536496	18.0	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	16.64	16.86	16.83		
Channel				500202	518598	537000	18.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	16.76	16.63	17.00	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				509202	518598	528000	18.0	0.0
Frequency (MHz)				2546.01	2592.99	2640		
100	PI/2 BPSK	1	1	16.18	16.08	16.04		
100	PI/2 BPSK	1	137	16.89	16.92	16.99		
100	PI/2 BPSK	1	271	16.18	16.31	16.30	18.0	0.0
100	PI/2 BPSK	135	0	16.68	16.69	16.78		
100	PI/2 BPSK	135	69	16.87	16.90	16.97		
100	PI/2 BPSK	135	138	16.70	16.84	16.82		
100	PI/2 BPSK	270	0	16.84	16.84	16.93	18.0	0.0
100	QPSK	1	1	16.17	16.04	16.10		
100	QPSK	1	137	16.85	16.94	16.95		
100	QPSK	1	271	16.18	16.32	16.34		
100	QPSK	135	0	16.67	16.64	16.81	18.0	0.0
100	QPSK	135	69	16.81	16.83	16.98		
100	QPSK	135	138	16.70	16.77	16.79		
100	QPSK	270	0	16.62	16.65	16.68		
100	16QAM	1	137	16.62	16.62	16.75	18.0	0.0
100	64QAM	1	137	16.61	16.72	16.80	18.0	0.0
100	256QAM	1	137	16.70	16.78	16.89	18.0	0.0
Channel				508200	518598	528998	18.0	0.0
Frequency (MHz)				2541	2592.99	2644.98		
90	PI/2 BPSK	1	120	16.80	16.74	16.70		
Channel				507204	518598	529998	18.0	0.0
Frequency (MHz)				2536.02	2592.99	2649.99		
80	PI/2 BPSK	1	109	16.81	16.59	16.77		
Channel				506202	518598	531000	18.0	0.0
Frequency (MHz)				2531.01	2592.99	2655		
70	PI/2 BPSK	1	95	16.77	16.56	16.77		
Channel				505200	518598	531996	18.0	0.0
Frequency (MHz)				2526	2592.99	2659.98		
60	PI/2 BPSK	1	81	16.59	16.69	16.74		
Channel				504204	518598	532998	18.0	0.0
Frequency (MHz)				2521.02	2592.99	2664.99		
50	PI/2 BPSK	1	67	16.63	16.83	16.90		
Channel				503202	518598	534000	18.0	0.0
Frequency (MHz)				2516.01	2592.99	2670		
40	PI/2 BPSK	1	53	16.82	16.61	16.91		
Channel				502200	518598	534996	18.0	0.0
Frequency (MHz)				2511	2592.99	2674.98		
30	PI/2 BPSK	1	40	16.75	16.59	16.66		
Channel				501204	518598	535998	18.0	0.0
Frequency (MHz)				2506.02	2592.99	2679.99		
20	PI/2 BPSK	1	26	16.78	16.54	16.69		
Channel				500700	518598	536496	18.0	0.0
Frequency (MHz)				2503.5	2592.99	2682.48		
15	PI/2 BPSK	1	19	16.65	16.70	16.90		
Channel				500202	518598	537000	18.0	0.0
Frequency (MHz)				2501.01	2592.99	2685		
10	PI/2 BPSK	1	12	16.57	16.56	16.83	18.0	0.0

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	22.0	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	20.43	20.49	20.45	22.0	0.0	
20	PI/2 BPSK	1	53	20.74	20.62	20.70			
20	PI/2 BPSK	1	104	20.49	20.53	20.39			
20	PI/2 BPSK	50	0	20.65	20.69	20.59	22.0	0.0	
20	PI/2 BPSK	50	28	20.66	20.70	20.64	22.0	0.0	
20	PI/2 BPSK	50	56	20.41	20.48	20.41	22.0	0.0	
20	PI/2 BPSK	100	0	20.57	20.68	20.53			
20	QPSK	1	1	20.70	20.72	20.70			
20	QPSK	1	53	20.79	20.82	20.77	22.0	0.0	
20	QPSK	1	104	20.52	20.63	20.62			
20	QPSK	50	0	20.66	20.71	20.58	22.0	0.0	
20	QPSK	50	28	20.71	20.73	20.68	22.0	0.0	
20	QPSK	50	56	20.65	20.71	20.64	22.0	0.0	
20	QPSK	100	0	20.68	20.74	20.66			
20	16QAM	1	53	20.25	20.31	20.18	22.0	0.0	
20	64QAM	1	53	19.86	20.01	19.94	21.5	0.5	
20	256QAM	1	53	18.62	18.69	18.55	19.5	2.5	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	PI/2 BPSK	1	40	20.38	20.50	20.49	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	PI/2 BPSK	1	26	20.52	20.54	20.38	22.0	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	PI/2 BPSK	1	13	20.71	20.73	20.51	22.0	0.0	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				166800	167300	167800	21.5	0.0	
Frequency (MHz)				834	836.5	839			
20	PI/2 BPSK	1	1	20.19	20.28	20.27	21.5	0.0	
20	PI/2 BPSK	1	53	20.45	20.48	20.46			
20	PI/2 BPSK	1	104	20.14	20.24	20.18			
20	PI/2 BPSK	50	0	20.25	20.32	20.22	21.5	0.0	
20	PI/2 BPSK	50	28	20.35	20.45	20.40	21.5	0.0	
20	PI/2 BPSK	50	56	20.22	20.34	20.25	21.5	0.0	
20	PI/2 BPSK	100	0	20.32	20.43	20.35			
20	QPSK	1	1	20.28	20.30	20.24			
20	QPSK	1	53	20.35	20.40	20.39	21.5	0.0	
20	QPSK	1	104	20.38	20.40	20.28			
20	QPSK	50	0	20.26	20.35	20.25	21.5	0.0	
20	QPSK	50	28	20.26	20.37	20.30	21.5	0.0	
20	QPSK	50	56	20.22	20.36	20.30	21.5	0.0	
20	QPSK	100	0	20.17	20.32	20.20			
20	16QAM	1	53	19.97	20.02	19.87	21.5	0.0	
20	64QAM	1	53	19.90	20.03	20.01	21.5	0.0	
20	256QAM	1	53	18.51	18.63	18.56	19.5	2.0	
Channel				166300	167300	168300	Tune-up limit	MPR	
Frequency (MHz)				831.5	836.5	841.5	(dBm)	(dB)	
15	PI/2 BPSK	1	40	20.41	20.31	20.32	22.0	0.0	
Channel				165800	167300	168800	Tune-up limit	MPR	
Frequency (MHz)				829	836.5	844	(dBm)	(dB)	
10	PI/2 BPSK	1	26	20.08	20.24	20.23	22.0	0.0	
Channel				165300	167300	169300	Tune-up limit	MPR	
Frequency (MHz)				826.5	836.5	846.5	(dBm)	(dB)	
5	PI/2 BPSK	1	13	20.25	20.41	20.20	22.0	0.0	

Conducted Power for Bluetooth/WLAN

3T 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	10.70	10.70	10.80	9.50	9.50	9.60	9.40	9.40	9.50	12.00
	CH 39	2441	11.90	11.90	12.00	10.80	10.80	10.90	10.80	10.80	10.90	
	CH 78	2480	10.90	10.90	11.00	9.80	9.80	9.90	9.60	9.60	9.70	

BLE 1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	-4.10
	CH 19	2440	-3.10
	CH 39	2480	-4.30
Tune-up Limit			-2.00

BLE 2M

Mode	Channel	Frequency (MHz)	Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	-4.10	-4.00
	CH 19	2440	-3.10	-3.00
	CH 39	2480	-4.30	-4.20
Tune-up Limit			-2.00	-2.00

2.4GHz WLAN ANT 22			Full Power		Receiver on		Hotspot on&Receiver off		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11b 1Mbps	1	2412	14.30	15.50	14.30	15.50	14.30	15.50	100.00
	6	2437	18.80	20.00	16.10	17.00	16.70	17.50	
	11	2462	14.60	15.50	14.60	15.50	14.60	15.50	
802.11g 6Mbps	1	2412	14.30	15.50	14.30	15.50	14.30	15.50	97.46
	6	2437	16.60	18.00	15.70	17.00	16.10	17.50	
	11	2462	14.40	15.50	14.40	15.50	14.40	15.50	
802.11n-HT20 MCS0	1	2412	14.20	15.50	14.20	15.50	14.20	15.50	97.30
	6	2437	15.50	17.00	15.50	17.00	15.50	17.00	
	11	2462	14.30	15.50	14.30	15.50	14.30	15.50	
802.11ac-VHT20 MCS0	1	2412	14.10	15.50	14.10	15.50	14.10	15.50	97.31
	6	2437	15.40	17.00	15.40	17.00	15.40	17.00	
	11	2462	14.20	15.50	14.20	15.50	14.20	15.50	

5.2GHz WLAN ANT 22			Full Power		Receiver on		Hotspot on&Receiver off		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	36	5180	16.12	17.00	11.04	12.50	14.20	15.50	97.46
	40	5200	17.94	19.00	10.93	12.50	14.07	15.50	
	44	5220	18.01	19.00	11.43	12.50	14.58	15.50	
	48	5240	18.04	19.00	11.55	12.50	14.71	15.50	
802.11n-HT20 MCS0	36	5180	16.00	17.00	11.39	12.50	14.54	15.50	97.28
	40	5200	17.28	18.00	11.32	12.50	14.47	15.50	
	44	5220	17.39	18.00	11.33	12.50	14.49	15.50	
	48	5240	17.48	18.00	11.32	12.50	14.50	15.50	
802.11n-HT40 MCS0	38	5190	13.05	14.00	11.34	12.50	13.05	14.00	94.92
	46	5230	16.51	17.00	11.36	12.50	14.53	15.50	
802.11ac-VHT20 MCS0	36	5180	15.98	17.00	11.36	12.50	14.49	15.50	97.32
	40	5200	17.23	18.00	11.31	12.50	14.45	15.50	
	44	5220	17.04	18.00	11.29	12.50	14.42	15.50	
	48	5240	17.03	18.00	11.30	12.50	14.42	15.50	
802.11ac-VHT40 MCS0	38	5190	12.98	14.00	11.31	12.50	12.98	14.00	94.95
	46	5230	16.49	17.00	11.33	12.50	14.48	15.50	
802.11ac-VHT80 MCS0	42	5210	13.40	14.00	11.46	12.50	13.40	14.00	90.32

5.3GHz WLAN ANT 22			Full Power		Receiver on		Receiver off		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	52	5260	17.71	19.00	10.98	12.50	13.64	15.50	97.46
	56	5280	17.82	19.00	11.06	12.50	13.70	15.50	
	60	5300	17.93	19.00	11.32	12.50	13.97	15.50	
	64	5320	14.74	16.00	11.07	12.50	13.73	15.50	
802.11n-HT20 MCS0	52	5260	17.23	18.00	11.19	12.50	14.24	15.50	97.28
	56	5280	17.14	18.00	11.23	12.50	14.28	15.50	
	60	5300	17.10	18.00	11.27	12.50	14.33	15.50	
	64	5320	15.15	16.00	11.28	12.50	14.16	15.50	
802.11n-HT40 MCS0	54	5270	16.31	17.00	11.34	12.50	14.22	15.50	94.92
	62	5310	13.17	14.00	11.28	12.50	13.17	14.00	
802.11ac-VHT20 MCS0	52	5260	17.17	18.00	11.16	12.50	14.19	15.50	97.32
	56	5280	17.07	18.00	11.18	12.50	14.22	15.50	
	60	5300	17.06	18.00	11.22	12.50	14.25	15.50	
	64	5320	14.74	16.00	10.82	12.50	14.14	15.50	
802.11ac-VHT40 MCS0	54	5270	16.25	17.00	11.12	12.50	14.16	15.50	94.95
	62	5310	13.11	14.00	11.23	12.50	13.11	14.00	
802.11ac-VHT80 MCS0	58	5290	10.92	12.00	10.92	12.00	10.92	12.00	90.32

5.5GHz WLAN ANT 22			Full Power		Receiver on		Receiver off		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	100	5500	13.87	15.00	10.82	12.50	13.87	15.00	97.46
	116	5580	17.50	19.00	10.88	12.50	14.03	15.50	
	124	5620	17.24	19.00	10.52	12.50	13.68	15.50	
	132	5660	17.13	19.00	10.50	12.50	13.68	15.50	
	140	5700	11.31	13.00	10.89	12.50	11.31	13.00	
	144	5720	17.27	19.00	10.77	12.50	13.61	15.50	
802.11n-HT20 MCS0	100	5500	13.82	15.00	10.59	12.50	13.82	15.00	97.28
	116	5580	16.89	18.00	10.82	12.50	13.81	15.50	
	124	5620	16.67	18.00	10.99	12.50	13.62	15.50	
	132	5660	16.52	18.00	10.87	12.50	13.57	15.50	
	140	5700	11.66	13.00	10.83	12.50	11.66	13.00	
	144	5720	16.27	18.00	10.67	12.50	13.53	15.50	
802.11n-HT40 MCS0	102	5510	11.65	13.00	10.66	12.50	11.65	13.00	94.92
	110	5550	15.55	17.00	10.88	12.50	13.74	15.50	
	126	5630	15.42	17.00	10.95	12.50	13.60	15.50	
	134	5670	15.06	16.00	10.84	12.50	13.51	15.50	
802.11ac-VHT20 MCS0	100	5500	13.80	15.00	10.56	12.50	13.80	15.00	97.32
	116	5580	16.54	18.00	10.81	12.50	13.63	15.50	
	124	5620	16.54	18.00	10.97	12.50	13.60	15.50	
	132	5660	16.47	18.00	10.82	12.50	13.68	15.50	
	140	5700	11.63	13.00	10.76	12.50	11.63	13.00	
	144	5720	16.24	18.00	10.60	12.50	13.53	15.50	
802.11ac-VHT40 MCS0	102	5510	11.63	13.00	10.64	12.50	11.63	13.00	94.95
	110	5550	15.60	17.00	10.65	12.50	13.60	15.50	
	126	5630	15.38	17.00	10.92	12.50	13.57	15.50	
	134	5670	15.03	16.00	10.91	12.50	13.95	15.50	
802.11ac-VHT80 MCS0	142	5710	15.41	17.00	10.69	12.50	13.65	15.50	90.32
	106	5530	10.58	12.00	10.58	12.00	10.58	12.00	
	122	5610	13.86	15.00	10.77	12.50	13.86	15.00	
	138	5690	13.80	15.00	10.81	12.50	13.80	15.00	

5.8GHz WLAN ANT 22			Full Power		Receiver on		Hotspot on&Receiver off		Duty Cycle %
Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	
802.11a 6Mbps	149	5745	17.75	19.00	10.70	12.50	14.02	15.50	97.46
	157	5785	17.67	19.00	10.62	12.50	13.80	15.50	
	165	5825	17.73	19.00	10.78	12.50	13.84	15.50	
802.11n-HT20 MCS0	149	5745	16.93	18.00	10.94	12.50	14.00	15.50	97.28
	157	5785	16.76	18.00	10.77	12.50	13.82	15.50	
	165	5825	16.80	18.00	10.63	12.50	13.71	15.50	
802.11n-HT40 MCS0	151	5755	15.85	17.00	10.88	12.50	13.95	15.50	94.92
	159	5795	15.77	17.00	10.73	12.50	13.78	15.50	
	149	5745	16.88	18.00	10.91	12.50	13.93	15.50	
802.11ac-VHT20 MCS0	157	5785	16.74	18.00	10.75	12.50	13.74	15.50	97.32
	165	5825	16.76	18.00	10.60	12.50	13.61	15.50	
	149	5745	15.82	17.00	10.84	12.50	13.84	15.50	
802.11ac-VHT40 MCS0	159	5795	15.71	17.00	10.71	12.50	13.74	15.50	94.95
	155	5775	13.69	15.00	10.65	12.50	13.69	15.00	